WHICH AIR FORCE CIVIL ENGINEER CAPABILITIES CAN COMPLEMENT USNORTHCOM'S ROLE IN DEFENSE SUPPORT TO CIVIL AUTHORITIES (DSCA)?

A thesis presented to the Faculty of the Western Hemisphere Institute for Security Cooperation and the U.S. Army Command and General Staff College in partial fulfillment of the requirements for the degree of

> MASTER OF MILITARY ART AND SCIENCE General Studies

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by



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MASTER OF MILITARY ART AND SCIENCE

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The opinions and conclusions expressed herein are those of the student author and do not necessarily represent the views of the U.S. Army Command and General Staff College or any other governmental agency. (References to this study should include the foregoing statement.)

ABSTRACT

WHICH AIR FORCE CIVIL ENGINEER CAPABILITIES CAN COMPLEMENT USNORTHCOM'S ROLE IN DEFENSE SUPPORT TO CIVIL AUTHORITIES (DSCA)? by Major Joel Bolina, 224 pages.

The 2013 Strategy for Homeland Defense and Civil Support recognizes that, although the Department of Defense (DoD) is always in a support role to civilian authorities for disaster response; the capacity, capabilities, and training of the military mean that the DoD is often expected to play a prominent supporting role in response efforts. The strategy also notes that public expectations for a rapid federal response have grown in the wake of major disasters such as Hurricane Katrina. Furthermore, in his speech to the Environmental Defense Fund organization in May 2012, Secretary of Defense Leon Panetta states that the rising sea levels, to severe droughts, to the melting of the polar ice caps, to more frequent and devastating natural disasters all raise demand for humanitarian assistance and disaster relief. Therefore, this thesis examined which types of civil support tasks could be requested during a natural and/or man-made disaster and which of those civil support tasks could be potentially accomplished by Air Force civil engineers. Through an analysis using the Civil Support Task List (CSTL), Universal Joint Task List (UJTL), Air Force Unit Task List (AFUTL), and various Air Force civil engineer Unit Type Codes (UTCs) and their associated Mission Capability (MISCAP) statements, numerous Air Force civil engineer capabilities were identified. These capabilities could be utilized to complement, not replace, the capabilities of USNORTHCOM, and/or its Joint Task Force Civil Support and an associated Defense CBRN Force (DCRF), when the DoD is requested to support civilian authorities for both natural and/or man-made disasters.

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V

TABLE OF CONTENTS

	Page
MASTER OF MILITARY ART AND SCIENCE THESIS APPROVAL PAGE	E iii
ABSTRACT	iv
ACKNOWLEDGMENTS	v
TABLE OF CONTENTS	vi
ACRONYMS	ix
ILLUSTRATIONS	X
TABLES	xii
CHAPTER 1 INTRODUCTION	1
Topic of Thesis Background Stage-Setter	
Expected Contributions and Significance of This Study The Catalysts	
Environmental Factors Command Directives Associated with DSCA Public Expectations	
Scope	
Homeland Defense, Homeland Security, and DSCA Defined	
Other Authorities Guiding DSCA	
National Incident Management System (NIMS)	
Tiered Response	
Federal Military Response	
The Defense Coordinating Officer and Its Elements (MAS)	
Emergency Preparedness Liaison Officers (EPLOs) The Dual-Status Commander	
Use of Air National Guard through NORTHCOM The Key Players	
The Department of Homeland Security (DHS)	

The Federal Emergency Management Agency (FEMA)	35
United States Northern Command (USNORTHCOM)	37
Joint Task Force Civil Support (JTF-CS)	38
Military Engineers	41
Air Force Civil Engineers	45
Air National Guard Civil Engineers	
Air Force Reserve Civil Engineers	52
Miscellaneous	53
Assumptions	53
DoD in Support of DSCA Response Missions	55 54
Active and Reserve Component Equality	
Adherence to FEM A's Universal Task List (UTL)	50
Limitations	50
Delimitations	57 57
	37
CHADTED 2 Ι ΙΤΕΡΑΤΙΙΡΕ ΡΕΥΙΕ W	50
CHAFTER 2 LITERATORE REVIEW	
CHAPTER 3 METHODOLOGY	73
	75
Analysis through Established Frameworks	73
Analysis through Established France works.	73
Analysis through AFIs and AFPAMs	/ -
Analysis through After Action Deports (AADs) and Historical Precedence	15 76
Analysis unough Alter-Action-Reports (AARs) and Instorical Freedence	70
CHAPTER 4 ANALYSIS AND DATA FINDINGS	78
	70
Methodology	78
Step 1: Tier 1 (Direct Match) Analysis	70
Step 7: Tier 7 (Indirect Match) Analysis	02
Step 2: Tier 2 (Implied Match) Analysis	07 Q/
Step 3: The 5 (Implied Match) Analysis	
Step 4. Freminiary Assessment Roll Up	90
Degulta	90
Kesuits	97
CHAPTER 5 CONCLUSIONS AND RECOMMENDATIONS	101
CHAITER J CONCLUSIONS AND RECOMMENDATIONS	
Potential Applications of This Study	101
Stimulations	104
Other General Considerations	106
Final Thoughts	100
Tinai Thoughts	. 109
APPENDIX A CIVIL SUPPORT TASK LIST (CSTL) TIEP 1 ANALVSIS	111
THE LIDEA A CIVIL SULLON LASK LIST (CSTL) TIEN I AWAL ISIS	
APPENDIX B CIVIL SUPPORT TASK LIST (CSTL) TIFR 2 ANALVSIS	132
THE LIDER D CIVIL SOLLORI TASK LIST (COLL) TILK 2 ANAL ISIS	
APPENDIX C CIVIL SUPPORT TASK LIST (CSTL) TIFR 3 ANALYSIS	153
$\frac{1}{1} \frac{1}{2} \frac{1}$	

APPENDIX D CIVIL SUPPORT TASK LIST (CSTL) PRELIMINARY AND	
FINAL ASSESSMENT	173
APPENDIX E PRIME BEEF AND RED HORSE AFUTL/METL	194
APPENDIX F AIR FORCE CIVIL ENGINEER PERSONNEL UNIT TYPE CODE	3
(UTC) MISSION CAPABILITY (MISCAP) STATEMENTS	195
GLOSSARY	209
REFERENCE LIST	210

ACRONYMS

AFUTL	Air Force Unit Task List
ANG	Air National Guard
CBRN	Chemical, Biological, Radiological, and Nuclear
CES	Civil Engineering Squadron
CSTL	Civil Support Task List
DCRF	Defense Chemical, Biological, Radiological, and Nuclear Explosive Force
DHS	Department of Homeland Security
DSCA	Defense Support to Civil Authorities
EOD	Explosive Ordnance Disposal
ESF	Emergency Support Function
FEMA	Federal Emergency Management Agency
JTF-CS	Joint Task Force Civil Support
METL	Mission Essential Task List
MISCAP	Mission Capability
NIMS	National Incident Management System
NORTHCOM	United States Northern Command
NRF	National Response Framework
Prime BEEF	Prime Base Engineer Emergency Force
RED HORSE	Rapid Engineering Deployable Heavy Operations Repair Squadron Engineers
SAD	State Active Duty
UJTL	Universal Joint Task List
UTC	Unit Type Code

ILLUSTRATIONS

		Page
Figure 1.	General Methodology	5
Figure 2.	How Do Air Force Civil Engineers Fit into the Puzzle	12
Figure 3.	Notional Relationship between HD, DSCA, and HS Missions	17
Figure 4.	HD, HS, or DSCA Flow Chart	19
Figure 5.	Emergency Support Functions and Primary and Support Agencies	22
Figure 6.	Typical Joint Field Office Structure	23
Figure 7.	Request for Assistance Process	
Figure 8.	Request for Assistance Process Decision Matrix	
Figure 9.	National Incident Management System Framework	
Figure 10.	Sample Augmented Defense Coordinating Element	
Figure 11.	Conceptual Role of the Dual Status Commander (DSC)	
Figure 12.	Department of Homeland Security Organizational Chart	
Figure 13.	FEMA Regions	
Figure 14.	FY14 DCRF Task Organization	40
Figure 15.	Examples of Critical Infrastructure	42
Figure 16.	General Engineering Capabilities and Activities	43
Figure 17.	Engineering Support to Civil Support Operations	44
Figure 18.	Air Combat Command CE Units	47
Figure 19.	Air Education and Training Command CE Units	47
Figure 20.	Air Force Global Strike Command CE Units	48
Figure 21.	Air Force Materiel Command CE Units	
Figure 22.	Air Force Special Operations Command CE Units	49

Figure 23.	Air Force Space Command CE Units	.49
Figure 24.	Air Mobility Command CE Units	.50
Figure 25.	Pacific Air Forces CE Units	.50
Figure 26.	United States Air Forces Europe CE Units	.51
Figure 27.	ANG Civil Engineer Units	.52
Figure 28.	AF Reserve CE Units	.53
Figure 29.	DoD Tiered Response Concept	.60
Figure 30.	The CSTL Bridge	.74
Figure 31.	Capability Assessment Flow Chart	.81
Figure 32.	ESF 4 Tier 1 (Direct Match) Example	.86
Figure 33.	Tier 2 Feasibility Verification Example	.93
Figure 34.	Tier 1, Tier 2, and Tier 3 Results (Preliminary Assessment Roll-Up)	.98
Figure 35.	Air Force Civil Engineer Capabilities in Support of Civil Support Tasks (Final Assessment Roll-Up)	.99

TABLES

Page

Table 1.	USNORTHCOM's 25 Pre-Scripted Mission Assignments (as of 2008)	10
Table 2.	Duty Status Comparison Chart	25
Table 3.	Core Capabilities by Mission Area	37
Table 4.	Mission Area Definitions	55
Table 5.	Core Capabilities of the Target Capabilities List (TCL)	62
Table 6.	CS 3.1.2 Provide Road Damage Assessment	65
Table 7.	Civil Engineer Mission Essential Task List Prime BEEF Large Squadron	67
Table 8.	Example Task from CSTL	79
Table 9.	CS 10.2.1 Provide Explosive Ordnance Disposal (EOD) Crosswalk	83
Table 10.	Prime BEEF METL AFTA 4.5 <i>Perform Explosive Ordnance Disposal</i> (EOD)	84
Table 11.	CS 3.2.8 Provide Route Clearance CSTL Crosswalk	88
Table 12.	Prime BEEF METL OP 4.6.2 Provide Civil-Military Engineering	90
Table 13.	CSTL Crosswalk for CS 8.4.2 Provide Casualty Medical Triage	91
Table 14.	Prime BEEF METL OP 7.9 Conduct Consequence Mgmt in Joint Operations Areas	92
Table 15.	CS 3.1.7 Conduct Engineer Estimate for Temporary/ Emergency Horizontal Repair CSTL Crosswalk	95

CHAPTER 1

INTRODUCTION

Topic of Thesis

As a likely result of increased demands for Defense Support to Civil Authorities (DSCA), which United States Air Force (USAF) Active Duty, Reserve, and Air National Guard civil engineer capabilities can be rapidly and globally utilized to complement the United Northern Command's (USNORTHCOM) role in Defense Support to Civil Authorities (DSCA)? From the strategic perspective, what national-level constructs and frameworks currently exist to respond to natural and/or man-made, CBRN and/or non-CBRNE disasters? From the operational perspective, what core capabilities and/or tasks must the Department of Homeland Security and its Federal Emergency Management Agency (i.e. the Nation's agency charged with preparing for, protecting against, responding to, recovering from, and mitigating all hazards) execute in response to complex natural and/or man-made, CBRN and/or non-CBRN catastrophes? And from the tactical perspective, which existing Air Force civil engineer capabilities have been/can be used to support civil authorities during natural and/or man-made, CBRN and/or non-CBRN disasters?

Background

The 2013 Strategy for Homeland Defense and Civil Support recognizes that, although that the Department of Defense (DoD) is always in a support role to civilian authorities for disaster response; the capacity, capabilities, and training of the military mean that DoD often is expected to play a prominent supporting role in response efforts. The strategy also notes that public expectations for a rapid federal response have grown in the wake of major disasters such as Hurricane Katrina. (Government Accountability Office 2013)

Stage-Setter

On December 17, 2003, the President of the United States (POTUS) issued Homeland Security Presidential Directive (HSPD) 8 which established national policies to strengthen the preparedness of the United States to prevent, protect against, respond to, and recover from threatened or actual terrorist attacks, major disasters, and other emergencies within the United States. In response, the Department of Homeland Security (DHS) published its *2007 National Preparedness Guidelines* which addresses the full spectrum of prevention, protection, response, and recovery tasks necessary to prepare the Nation for all hazards – whether terrorist attack or natural disaster. Furthermore, the Federal Emergency Management Agency (FEMA), which operates under the DHS, produced several other products such as its 2011 *National Preparedness Goal*, to address core capabilities necessary to prevent, protect against, mitigate, respond to, and recover from threats and hazards that pose great risk.

Despite the fact that there are several documents that address strategies on how to overcome natural and man-made disasters and that the FEMA is the lead agency for coordinating the federal government's role in preparing for, preventing, mitigating the effects of, responding to, and recovering from all domestic disasters, whether natural or man-made; the *2013 Strategy for Homeland Defense and Civil Support* recognizes that the DoD is often expected to play a prominent supporting role in response efforts. Also, the strategy notes that public expectations for a rapid federal response have grown in the wake of major disasters such as Hurricane Katrina (Department of Defense 2013, 6). Furthermore, in his speech to the Environmental Defense Fund organization in May 2012, Secretary of Defense Leon Panetta states that the rising sea levels, to severe

2

droughts, to the melting of the polar ice caps, to more frequent and devastating natural disasters all raise demand for humanitarian assistance and disaster relief (Department of Defense 2012). Therefore, when Department of Defense support is required, the United States Northern Command (USNORTHCOM) plans, organizes and executes homeland defense and civil support missions. However, despite having few permanently assigned forces, the USNORTHCOM is assigned forces whenever necessary to execute missions, as ordered by the POTUS or Secretary of Defense (SecDef) (US Northern Command 2013). These forces, when directed, could deploy under the command and control of USNORTHCOM's Joint Task Force- Civil Support (JTF-CS) in support of civil authorities in order to save lives, prevent further injury, and provide temporary critical support to enable community recovery (Joint Task Force Civil Support 2013, 5). JTF-CS, and an associated Defense CBRN Force (DCRF), possess many capabilities to include, but not limited to: Chemical, Biological, Radiological, and Nuclear (CBRN) assessment, security, logistics, emergency medical services, and engineering. Furthermore, according to the CJCS Defense Support of Civil Authorities (DSCA) Standing Execution Order (EXORD), these forces allocated to CDRUSNORTHCOM for the CBRN mission may be temporarily re-missioned to support non-CBRN DSCA requirements as long as they remain available to deploy to a CBRN incident consistent with the timelines established in the CBRN EXORD (Chairman of the Joints Chief of Staff 2013, 2).

Under its current construct, the preponderance of the engineering capabilities of JTF-CS, and an associated Defense CBRN Force (DCRF), is comprised of United States Army engineer forces. However, United States Air Force (USAF) active duty (AD), Reserve, and Air National Guard (ANG) also possess [civil] engineer capabilities that have been utilized in the past to support USNORTHCOM's DSCA missions. These include establishment of environmental habitats, demolition of urban housing for drug interdiction programs, debris removal, stabilization of embankments, potable water production, opening of critical portions of main highways during severe winter weather conditions, re-establishment of primary utilities, structural analysis of damaged facilities, demolition and debris removal, expedient structure (i.e. K-Span) erection, and large scale asphalt and/or concrete paving projects (NGB/A7X 2012, 34). Furthermore, ANG Fire and Emergency Services teams have been utilized extensively throughout the states to augment local communities during times of disaster (NGB/A7X 2012, 34). Other civil engineer capabilities that may be utilized, according to the Curtis E. Lemay Center's *Force Presentation for DSCA*, include (but are not limited to): operation and maintenance of facilities and infrastructure, construction management of emergency repair activities, aircraft rescue and facility fire suppression, and various emergency management and Explosive Ordnance Disposal (EOD) services (Curtis E. Lemay Center 2013, 2).

Therefore, the facts and details presented in this thesis will specifically identify the full range of existing Air Force civil engineer capabilities that could potentially execute DSCA related civil support requirements through a compare and contrast analysis of the core capabilities that are required to respond to complex catastrophes as identified by FEMA's 2011 *National Preparedness Goals* to Air Force civil engineer capabilities. Figure 1 illustrates a graphical representation of this methodology. The Civil Support Task List (CSTL), a document authored by the National Guard Bureau, will provide the analytical framework necessary to match civil support requirements to Air Force civil engineer capabilities.

4



Figure 1. General Methodology

Source: Generated by author.

Expected Contributions and Significance of This Study

The Civil Support Task List (CSTL) provides the framework that will be used to analyze the potential civil support tasks that Air Force civil engineers can/may provide, in response to a wide range of threats and hazards that pose a significant risk to the Nation within the context of DSCA. In other words, this thesis will help identify civil support requirements that USAF Active Duty, Reserve, and/or Air National Guard civil engineers can potentially support with their unique capabilities.

However, the intent of this analysis is not to advocate for another mission set for the Air Force civil engineer community. On the contrary, according to the 2014 Civil Engineer Supplement to the War and Mobilization Plan, providing DSCA, if called upon, is an existing mission for Air Force civil engineers (Hq USAF/A7C 2014, A-1). It further states that Air Force civil engineers provide, operate, sustain, and recover installations and transition to an expeditionary nature and deploy where needed when providing DSCA (Hq USAF/A7C 2014, A-1). Furthermore, there have already been many historical examples where Air Force civil engineers have utilized their skills in support of DSCA. These examples are addressed throughout this document and within Air Force Pamphlet 10-219 Volume 1 *Contingency and Disaster Planning*.

Also, the intent of this study is not to alter the day-to-day activities and training requirements for Air Force civil engineers. This is because the principles and skill sets that Air Force civil engineers can contribute to DSCA are already embedded within their day-to-day tasks and Mission Essential Training Tasks (METTs) and are fitting for responding to and recovering from natural and/or man-made disasters. For example, the principles of facility, transportation network, and utility damage assessment after a disaster or attack within an Air Force installation, which is addressed in Air Force Pamphlets (AFPAMs) 10-219 Volume 1 Contingency and Disaster Planning, Volume 2 *Civil Engineer Disaster and Attack Preparations*, and Volume 3 *Civil Engineer Disaster* and Attack Recovery Procedures; are similar to the principles of damage assessment in a civilian community. Therefore, if requested by civilian authorities, perhaps the damage assessment capabilities of Air Force civil engineers can be used in response to a complex catastrophe. In fact, in the event of a complex catastrophe, a state's emergency services infrastructure will probably be unable to make a timely and complete damage assessment. Case and point, a major problem in implementing federal aid for Hurricane Andrew was the lack of timely damage assessments to determine type and amount of assistance

needed (General Accounting Office 1993, 5). The rapid deployment of a damage assessment team would have provided more timely information to decision makers and helped them identify requirements and the scope of relief efforts needed (General Accounting Office 1993, 6). Furthermore, most recently, resource gaps during the 2011 National Level Exercise revealed that a major resource gap included qualified personnel to conduct road, bridge, and building inspections (Department of Homeland Security 2011, 39). Therefore, damage assessment, which is an inherent capability of Air Force civil engineers as part of their disaster and attack recovery procedures, is a potential capability that Air Force civil engineers could rapidly and globally provide should local and State resources be overwhelmed and would not result in changing existing tactics, techniques, and procedures (TTPs).

Additionally, the intent of this thesis is not to advocate for additional DSCA mission taskings for the Air Force civil engineer community. Even though it will be demonstrated that Air Force civil engineers possess many capabilities that are suited for DSCA, parameters such as readiness, availability of personnel and resources, operations tempo and its associated dwell ratio maintenance may preclude them from supporting DSCA. Also, actual wartime taskings may prevent them from supporting a DSCA mission. These parameters are consistent with the DSCA Execution Order (EXORD) which states that DoD resources can be deployed to conduct DSCA as long as it does not interfere with the primary DoD mission or is otherwise directed by the President of the United States (POTUS) or the Secretary of Defense (SecDef) (Chairman of the Joint Chiefs of Staff 2013, 1).

7

In addition, acknowledging that the preponderance of forces assigned to Joint Task Force-Civil Support (JTF-CS) and an associated DCRF consists of Army units, the intent of this study is not to insinuate that Air Force civil engineer units should be utilized in lieu of the Army engineer units assigned to JTF-CS and an associated DCRF for CBRN and non-CBRN disasters. Instead, the intent is to highlight which Air Force civil engineer capabilities can be utilized to complement USNORTHCOM's efforts to respond to a complex catastrophe. Joint Task Force Civil Support and an associated DCRF are a ready and capable force. However, during one or more simultaneous complex catastrophes, all resources at all levels may be overwhelmed. Therefore, Air Force civil engineer capabilities can be used to complement and supplement if necessary.

Furthermore, the intent of this study is not to imply that the Air Force civil engineer community should increase and/or modify their existing capabilities to match all of the potential requirements that local, state, or FEMA agencies may require during a complex catastrophe. In fact, it is clear in the Department of Homeland Security's 2007 *Target Capabilities List* that "no single jurisdiction or agency is expected to perform every task identified and no two jurisdictions require the same level of capabilities" (Department of Homeland Security 2007, vi).

However, what this study may result in, is an opportunity for civilian agencies, such as FEMA in coordination with the DoD, to generate new pre-scripted Mission Assignments (MAs) to expedite the flow of DoD resources and capabilities, should they be required. For example, in 2008, FEMA and the DoD generated a list of pre-scripted MAs in order to facilitate the process for requesting DoD capabilities in the event of an emergency. Table 1 illustrates the list of 25 pre-scripted MAs. It identifies emergency route clearance and preparation of temporary housing sites as capabilities that can be provided by Air Force civil engineers. However, as stated earlier, this study will identify various capabilities that Air Force civil engineers possess in support of civil support authorities and may perhaps demonstrate the need to generate other pre-scripted MAs, which can be supported by Air Force civil engineers, in order to facilitate other types of capabilities that may be needed in an emergency.

Table 1.	USNORTHCOM's	25 Pre-Scrip	ted Mission A	Assignments ((as of 2008)
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mission assignments	Capability providers
Defense coordinating officer/defense coordinating element	Army Forces North coordinated colonel and nine-person emergency preparedness liaison officer staff
Rotary wing lift (heavy)	Marine Corps CH-53E helicopter squadron, Navy MH-53 helicopter squadron, or Army CH-47 helicopter detachment
Rotary wing lift (medium)	Marine Corps CH-46 helicopter squadron, Army UH-60 helicopter detachment, or Navy MH-60 helicopter detachment
Tactical transportation	Army transportation company or light-medium truck company
Strategic transportation	U.S. Transportation Command provides strategic airlift and the Army's Surface Deployment and Distribution Command provides ground transportation (commercial trucks)
Communications - first responders	NORTHCOM or Army Forces North communications van
Communications - 25 user package	Army communications company (detachment) or Marine Corps communications battalion (detachment); and a satellite communications ground station (four-person team)
Communications - 75 user package	Army communications company (detachment) or Marine Corps communications battalion (detachment); and a satellite communications ground station (four-person team)
Emergency route clearance	Army or Marine Corps heavy equipment engineer battalion/company with infantry battalion/company in direct support or Air Force civil engineering squadron*
Aerial damage assessment	Marine Corps CH-46 squadron, Army CH-47/UH-60 helicopter detachment, Navy MH- 60 helicopter detachment, or Air Force Global Hawk (unmanned aerial vehicle)
Prepare temporary housing sites	Air Force civil engineering squadron or Navy naval mobile construction battalion*
Mobilization centers	Army personnel support detachment*
Operational staging areas	U.S. Transportation Command Joint Task Force for port opening
Fuel distribution points (ground)	Army bulk fuel unit or Marine Corps bulk fuel detachment*
Rotary wing medical evacuation	Army air ambulance squadron*
Temporary medical facilities	Air Force medical rapid response force"
Air component coordination element	Air Force/AFNORTH-coordinated eight-person detachment
Air fuel distribution points	Air Force air expeditionary force fuel detachment or Marine Corps forward arming and refueling point detachment*
Strategic patient movement (formerly contingency aeromedical staging facility)	U.S. Transportation Command coordinated joint patient movement team
Airborne command and control in support of emergency management authorities	U.S. Strategic Command command and control aircraft*
Mortuary affairs	Army mortuary affairs company
Full Motion video capability	Air Force Global Hawk unmanned aerial vehicle
Public affairs support	Military public affairs detachment-joint
Regional/state emergency preparedness Italson officer	Military-provided liaison officer
Air space control (ground)	U.S. Transportation Command coordinated Joint Task Force for port opening

"These are recommended units only and are not sourced, because NORTHCOM has never executed this mission assignment.

Source: Government Accounting Office, Homeland Defense: USNORTHCOM Has Made Progress but Needs to Address Force Allocation, Readiness Tracking Gaps, and Other Issues (Washington, DC: GAO, 2008), 82-83.

Also, this study may help codify which Air Force civil engineer capabilities are suited to support DSCA. Perhaps then, it will specifically assist the Defense Coordination Officers (DCOs), their associated Defense Coordination Elements (DCEs), and other positions that support the DCO such as the Emergency Preparedness Liaison Officers (EPLOs); when they are reviewing and validating the Requests for Assistance (RFAs) and Mission Assignments (MAs) that they field from civilian agencies, such as FEMA, during a DSCA contingency. In essence, the study can provide the DCOs, and the elements of their staffs, with a reference list of specific Air Force civil engineer capabilities that may be utilized in support of DSCA, when they are reviewing and validating RFAs or MAs and/or when they are working with FEMA to generate new prescripted MAs.

Furthermore, as indicated initially, the Civil Support Task List (CSTL) formed the fundamental framework of the analytical methodology used in this study. However, the 2009 Air Force Task List (AFTL) data that was used in the CSTL was not fully developed at the time. Therefore, the CSTL was not able to make all the "crosswalk" correlations to existing Air Force civil engineer capabilities. Therefore, this study, through a multi-tier analysis, correlated Air Force civil engineer capabilities to potential civil support tasks. At the conclusion of this study, the results can be used to refine the existing draft of the Civil Support Task List.

Lastly, the methodology introduced in this study could potentially be used by Sister services to identify specific unit capabilities and their correlation to potential civil support tasks. If generated, these lists can be similarly utilized by the DCOs/DCEs when they are reviewing RFAs/MAs and/or generating new pre-scripted mission assignments, thereby, facilitating future joint endeavors during overwhelming situations.

Simply put, the purpose of this study is to identify which Air Force civil engineer capabilities can potentially complement USNORTHCOM's ability to rapidly employ

engineer capabilities in response to CBRN and non-CBRNE disasters for the benefit of saving lives, preventing further injury, and providing temporary critical support.

The Catalysts

In light of the environmental factors, command directives associated with Defense Support of Civil Authorities (DSCA), and public expectations for a rapid federal response– How do USAF civil engineers fit into the puzzle (see figure 2)?



Figure 2. How Do Air Force Civil Engineers Fit into the Puzzle *Source*: Generated by author.

Environmental Factors

Natural disasters worldwide have direct implications for United States foreign assistance, national security, and diplomatic interests, including the considerable resources that the United States dedicates to disaster response and humanitarian assistance overseas (The White House Council on Environmental Quality 2010, 7). In fact, according to the *Defense Science Board's Trends and Implications of Climate Change for National and International Security* report, observable trends over multiple decades include increased frequency of heavy precipitation events, flooding, and landslides and increased cyclone intensity (Office of the Undersecretary of Defense for Acquisition, Technology, and Logistics 2011, x).

This trend and its impact to the United States Government (USG), and specifically the Department of Defense (DoD), was further echoed by Secretary of Defense Leon Panetta's remarks to the Environmental Defense Fund conference on May 2, 2012:

Our mission at the Department is to secure this nation against threats to our homeland and to our people. In the 21st Century, the reality is that there are environmental threats which constitute threats to our national security. For example, the area of climate change has a dramatic impact on national security: rising sea levels, to severe droughts, to the melting of polar ice caps, to more frequent and devastating natural disasters, all raise demand for humanitarian assistance and disaster relief.

Furthermore, according to Admiral Samuel J. Locklear, U.S. Pacific Command Commander before the House Armed Services Committee on USPACOM posture on March 5, 2013; typhoons, earthquakes, floods, tsunamis and cyclones are all too common in Indo-Asia-Pacific. Increasingly severe weather patterns and rising sea levels threaten lives and property, and could even threaten the loss of entire low-lying nations. In 2012, almost 100 natural disasters struck Asia, causing nearly 4,000 deaths and affecting over 65 million people. Amazingly, this was actually below the 10-year average of over 6,600 people killed annually by natural calamities (US Pacific Command 2013, 13). These trends can be a concern for USPACOM because Hawaii and various territories such as Guam and the Northern Mariana Islands are subject to the geographical context of DSCA. All of these perspectives point to a potential increase in natural disasters and a

potential increase in the associated requests for the Department of Defense to respond

and recover from these events when local and state resources have been exhausted.

Command Directives Associated with DSCA

In the 2010 Quadrennial Defense Review (QDR), a legislatively-mandated review of the DoD strategy, priorities, and its long-term course; the President of the United States (POTUS) highlights the DoD's role in DSCA by indicating the following:

U.S. military forces must plan and prepare to prevail in a broad range of operations that may occur in multiple theaters in overlapping time frames. This includes maintaining the ability to prevail against two capable nation-state aggressors, but we must take seriously the need to plan for the broadest possible range of operations–from homeland defense and defense support to civil authorities, to deterrence and preparedness missions–occurring in multiple and unpredictable combinations.

Furthermore, in July 2012, the Secretary of Defense issued a memorandum

directing the DOD to plan for a complex catastrophe- that is, an incident that results in cascading failures of critical infrastructure and causes extraordinary levels of casualties or damage. DoD has defined a complex catastrophe as a natural or man-made incident, including cyberspace attack, power grid failure, and terrorism, which results in cascading failures of multiple interdependent, critical, life-sustaining infrastructure sectors and causes extraordinary levels of mass casualties, damage or disruption severely affecting the population, environment, economy, public health, national morale, response efforts, and/or government functions (Government Accounting Office 2013, 2). This mandate was generated after the lessons learned from a 2011 national-level planning exercise.

And lastly, in the same July 2012 memorandum, the Secretary of Defense required his departments to assess and complete the following nine major tasks to be

completed by September 2014: (1) define a complex catastrophe; (2) expedite access to reserve components; (3) better leverage immediate response authority; (4) enable effective access to and use of all defense capabilities; (5) update DoD planning documents to include preparedness for complex catastrophes; (6) integrate and synchronize DoD planning with federal, regional, and state partners; (7) enable fastest identification of DoD capabilities for complex catastrophe response; (8) strengthen shared situational awareness, and (9) strengthen DoD preparedness through improvements to doctrine, exercises, training, and education (Government Accounting Office 2013, 3).

These directives drive the need for the Department of Defense to explore all of its potential capabilities that could be employed in response to complex catastrophes within the context of DSCA. Therefore, this thesis will address the aforementioned directives by demonstrating which Air Force civil engineer capabilities are particularly suited for DSCA.

Public Expectations

According to the 2013 Strategy for Homeland Defense and Civil Support, although the DoD is always in a support role to civilian authorities for disaster response; the capacity, capabilities, and training of the military mean that the DoD is often expected to play a prominent supporting role in response efforts. In fact, public expectations for a rapid federal response have grown in the wake of major disasters such as Hurricane Katrina (Department of Defense 2013, 6).

For example, in the wake of Hurricane Sandy in 2012, DoD's Transportation Command (TRANSCOM) airlifted 229 power-restoration vehicles and 487 personnel to help New York and New Jersey restore power and provided 9.3 million gallons of fuel (Federal Emergency Management Agency 2013, 6). Air Force civil engineers, too, provided support to civilian authorities in the wake of Hurricane Sandy in 2012. For example, Air Force civil engineers were used to restore wastewater plant operations, mitigate flooding, and restore facility functions such as electricity and hot water services.

These examples highlight how Air Force civil engineers can support civil authority requirements and how the civilian population has benefitted from their services. Therefore, they can propagate the public expectations of DoD's role in response to natural and/or manmade disasters.

Scope

This section will provide the background information necessary to understand the essential characteristics of Defense Support to Civil Authorities (DSCA) and what national-level constructs and frameworks currently exist in order to respond to and recover from CBRN and non-CBRN disasters within the context of DSCA. It will be important to understand these points in order to identify when and where Air Force civil engineers can be considered for employment and deployment in support of these DSCA missions. In addition, the results of the analysis tables in Appendix A will address which Air Force civil engineer capabilities can support which civil support tasks.

The Homeland and DSCA Operating Environment

There are critical differences between operations in support of Homeland Defense (HD), Defense Support of Civil Authorities (DSCA), and Homeland Security (HS) operations. Generally speaking, the differences are the role of the DoD (either supported to supporting, and its relationship to other federal, state, tribal, and local agencies) and the legal authorities under which military forces operate. Figure 3 illustrates the notional roles of the DoD under the different HD, DSCA, and HS missions. Specifically, the figure illustrates DoD's supporting role during disaster relief and CBRNE consequence management as some examples of DoD capabilities that can be utilized in support of DSCA.



Figure 3. Notional Relationship between HD, DSCA, and HS Missions

Source: Chairman of the Joint Chiefs of Staff, Joint Publication 3-28, *Civil Support* (Washington, DC: Department of Defense, 2007), I-3.

Geographically speaking, military forces may support civil authorities within the 50 states, the District of Columbia, the Commonwealth of Puerto Rico, the US Virgin Islands, Guam, American Samoa, the Commonwealth of the Northern Mariana Islands,

and any territory, or protectorate of the US or any political subdivision thereof. In addition to its land areas, the US exercises sovereignty 12 miles out to sea and has internationally recognized responsibilities extending 200 miles from the coast (Air, Land, and Sea Application (ALSA) Center 2013, 1).

Homeland Defense, Homeland Security, and DSCA Defined

The specific differences between Homeland Defense, Homeland Security, and DSCA is that, according to the ATP 3-28.1 Multi-Service Tactics, Techniques, and Procedures for Defense Support of Civil Authorities and Integrating with National Guard Civil Support, Homeland Defense (HD) is the protection of the United States against external threats and aggression in which the DoD is the leading agency. Homeland Security (HS) is the national effort to prevent terrorist attacks within the United States in which the Department of Homeland Security (DHS) is the leading agency. And lastly, DSCA is support provided by federal military forces, DoD civilians, DoD contractors, DoD component assets, and National Guard forces (under Title 32) in response to requests for assistance from civil authorities for domestic emergencies, law enforcement support, and other domestic activities, or qualifying special events (Air, Land, and Sea Application (ALSA) Center 2013, 2). Figure 4 provides a flow chart that differentiates between HD, HS, and DSCA.



Figure 4. HD, HS, or DSCA Flow Chart

Source: National Commission on the Structure of the Air Force, *Report to the President and Congress of the United States* (Arlington, VA: National Commission on the Structure of the Air Force, 2014), 114-115.

Legal Authorities

It is important to understand the legal authorities that the DoD operates under in support of DSCA missions. There are three main legal aspects. The first is the Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-28 and Public Law 100-707, more commonly known as the Stafford Act. The Stafford Act allows the POTUS to issue major emergency or disaster declarations in response to catastrophes that overwhelm state governments; and provide DoD and other Federal assets once the declaration is made (Air, Land, and Sea Application (ALSA) Center 2013, 3).

The next is the Economy Act, which permits federal agencies to provide resources and services to other federal agencies on a reimbursable basis. The Economy Act also forms the basis for the general rule that DoD will not compete with commercial businesses (Air, Land, and Sea Application (ALSA) Center 2013, 3).

And lastly, the *Posse Comitatus* Act (PCA) which prohibits Title 10, U.S.C., forces from engaging in any direct civil law-enforcement activities unless a Constitutional or Act of Congress exception applies (such as the Insurrection Act). PCA does not apply to the National Guard in State Active Duty status or Title 32, U.S.C. status. However, it does apply to National Guard in Title 10, U.S.C. status (Air, Land, and Sea Application (ALSA) Center 2013, 3).

Other Authorities Guiding DSCA

In addition to the relevant legal authorities, the following is a list of a other authorities guiding DoD's role in DSCA: DoDI 3025.18, CJTF DSCA EXORD, Joint Publication 3-28 *Defense Support to Civil Authorities*, ATP 3-28.1 *Multi-Service Tactics, Techniques, and Procedures for Defense Support to Civil Authorities and Integrating with National Guard Civil Support*, and CJTFCS OPLAN 3500-11. The parameters in these documents will be elaborated throughout this study and should be considered as they address the fundamental principles of the DoD within the context of DSCA.

The National Response Framework (NRF)

The overarching framework, for which responders adhere to for natural and/or man-made disasters, is the National Response Framework (NRF) which identifies key principles, roles and responsibilities (Who), response actions (What), and response organization (How). It is a guide that demonstrates how the nation conducts all-hazards response. In simpler terms, the purpose of the NRF is to ensure all response partners understand domestic incident response roles, responsibilities, and relationships in order to respond more effectively to any type of incident. This is especially critical because there are different providers of response: local, state/territory/tribe, federal, private sector, and non-governmental organizations. Therefore, the NRF uses the Emergency Support Functions (ESFs) as the primary mechanism to organize and provide assistance (Air, Land, and Sea Application (ALSA) Center 2013, 4). ESFs are organized under the NRF into 15 functional areas illustrated in figure 5. Furthermore, figure 5 illustrates which agencies provide primary oversight, which agencies are in a supporting role, and which agencies are in a coordination role. Many states have more than 15 ESFs, but only 15 ESFs are recognized by the federal government. It will be later demonstrated which of these ESFs can potentially be supported by Air Force civil engineer capabilities.

					Em	ergei	ncy S	uppo	ort Fu	inctio	ons				
Agency	#1 - Transportation	#2 - Communications	43 - Public Works and Engineering	#4 - Firefigh Eng	#5 - Emergency Management	#5 - Mase Care, Housing, and Human Services	#7 - Resources Support	#8 - Public Health and Medical Services	49 - Urban Search and Reacue	#10 - Oll and Hazardous Materials Response	#11 - Agricultural and Natural Resources	#12 - Energy	#13 - Public Safety and Security	#14 - Long-Term Community Recovery	
USDA			8		8	8		8		8	C/P	8		Р	1
USDAFS	8	8	8	CIP	8	8	8	8	8	8			8		
DOC	8	8	8	8	8		8		8	8	8	8	8	PB	1
DOD	8	8	8	8	8	8	8	8	8	8	8	8	8	8	1
DOD/USACE			C/P	8	8	8		8	8	8	8	8	8	8	
ED					8										
DOE	8		8		8		8	8		8	8	C/P	8	8	1
HHS			8		8	8		C₽	8	8	8			P/B	1
DHS	8	8	8		8	8	8	8	8	8	8	8	8	8	1
DHS/FEMA		8	Р	8	CIP	C/P			C₽	8				C/P	
DHS/AIP/NCS		C/P										8			
DHS/USCO	8		8	8				8	8	Р			8		
HUD					8	8								Р	1
DOI	8	8	8	8	8	8				8	P	8	8	8	1
DOJ	8				8	8		8	8	8	8		C/P		1
DOL			8	8	8	8	8	8	8	8	8	8			1
DOS	8				8			8		8	8	8			1
DOT	CP		8		8	8	8	8	8	8	8	8			1
TREAS					8	8									1
VA.			8		8	8	8	8					8	8	1
EPA			8	8	8			8		C/P	8	8	8		1
FCC		8			8										
GBA	8	8	8		8	8	C/P	8		8	8				1
NASA					8		8		8				8		1
NRC			8		8					8		8			1
OPM					8		8								1
SBA					8	8								P	
SSA						8							8		1
TVA			8		8							8		8	
USAID								8	8						
USPS	8				8	8		8			8		8		
40.0	-														

DESIGNATION OF EMERGENCY SUPPORT FUNCTIONS

Figure 5. Emergency Support Functions and Primary and Support Agencies

Source: Chairman of the Joint Chiefs of Staff, Joint Publication 3-28, *Civil Support* (Washington, DC: Department of Defense, 2007), D11-D12.

National Incident Management System (NIMS)

Also, within the NRF, is the National Incident Management System (NIMS).

NIMS is based on the premise that utilization of a common incident management

framework will give emergency management/response personnel a flexible but

standardized system for emergency management and incident response activities.

Joint Field Office

An example that reflects a common incident management system framework is the Joint Field Office (JFO) construct, which is an interagency coordination center established to provide a central location for the coordination of local, tribal, state, federal, non-governmental, and private sector organizations with responsibilities for incident response. However, the JFO does not manage operations; rather, it provides support to on-scene efforts and conducts broad support operations (Air, Land, and Sea Application (ALSA) Center 2013, 9). Figure 6 illustrates a typical JFO structure. The roles of the Defense Coordinating Officer (DCO), the primary link between the JFO and the DoD, will be explained in further detail in a later section.



Figure 6. Typical Joint Field Office Structure

Source: Air, Land, and Sea Application (ALSA) Center. *Multi-Service Tactics, Techniques, and Procedures for DSCA and Integrating with National Guard Civil Support* (Joint Base Langley-Eustis: ALSA, 2013), 10.

Tiered Response

Although the DoD possesses many capabilities, it is not normally the first organization to respond to a disaster within a Homeland Security context. Lowest level resolution is most desired, so a tiered response is employed to ensure that the lowest level of government manages a domestic disaster or emergency. For example, state authorities normally exhaust state resources, existing mutual aid agreements and Emergency Management Assistance Compacts (EMACs) before requesting federal assistance. In fact, according to the Chief of the National Guard Bureau, General Craig R. McKinley, in his opening remarks before the advisory panel on Department of Defense Capabilities for Support of Civil Authorities on March 17, 2010, "Over 90% of incidents are handled locally, about 6 to 8% involve State level engagement, and less than 3% involve Federal response" (McKinley 2010, 5). However, although tiered response is based on lowest level resolution, an actual response can simultaneously involve several different levels. An example is when National Guard forces receive an alert order through state channels at the same time federal military forces receive an alert and prepare-to-deploy order through DoD channels (Air, Land, and Sea Application (ALSA) Center 2013, 7). Despite the tiered response model and the practice of lowest level resolution, the DoD can still assist with civil support tasks at the request of civilian authorities, especially during overwhelming, complex catastrophes.

State Military Response

Consistent with the tiered response model, the State of the affected area can also contribute to the response and/or recovery to a natural and/or man-made disaster. In most cases, the National Guard is the first line of response (Air, Land, and Sea Application
(ALSA) Center 2013, 7-8). When the governor of a state mobilizes the NG, the forces are typically in State Active Duty (SAD) duty status under the command and control of the governor. Each state also has a Joint Forces Headquarters-State (JFHQ-State) which provides command and control of all Army and Air National Guard forces and state militia. When National Guard forces conduct domestic operations support in Title 32, U.S.C., or SAD status, JFHQ-States can serve as operational headquarters. In addition to the National Guard, some States authorize a State defense force as allowed by Title 32, U.S.C., Section 109 (Air, Land, and Sea Application (ALSA) Center 2013, 8). These forces may be used to augment the State National Guard and other civil authorities in an emergency. They are strictly State entities and are not part of the DoD. Furthermore, military forces can be activated under Title 32 U.S.C. to support the State as required. Table 2 illustrates the primary differences between State Active Duty, Title 32 duty status, and Title 10 duty status.

	State Active Duty (SAD)	Title 32	Title 10
Command and Control	Governor	Governor	President
Funding	State	Federal	Federal
Mission Types	State law Training and/or other federally authorized missions within CONUS		Federal Missions and duty performed within CONUS/OCONUS
Military Discipline	State Military Code	State Military Code	UCMJ
Posse Comitatus Act	Does not apply, but state law may have limitations	Does not apply, but state law may have limitations	Applies
Stafford Act Reimbursement	FEMA reimburses minimum of 75% to state	FEMA may reimburse DOD for per diem and travel for MA performance; reimbursement for P&A under consideration	Per diem and travel for performance of MA
Benefits -	State law	Federal P&A Federal retirement points FTCA Medical/Disability Family medical (>30 days) USERRA SCRA (>30 consecutive days and for National Emergency) Death Grafulty	Generally the same as T32

Table 2.Duty Status Comparison Chart

Source: National Commission on the Structure of the Air Force, *Report to the President and Congress of the United States* (Arlington, VA: National Commission on the Structure of the Air Force, 2014), 112. Another option that States possess is executing the terms of agreement of an EMAC. Through an EMAC, a disaster impacted state can request and receive assistance from other member states. Lastly, State response using National Guard in SAD status or Title 32, U.S.C., may use Federal military equipment for disaster response, as long as they ensure the equipment is fully mission capable upon completion of the mission. As one can see, the State can exercise many military capabilities under SAD and/or Title 32 status before involving Title 10 forces.

Federal Military Response

Despite the many military capabilities that are available to the States such as military forces under SAD and/or Title 32 and EMACs, complex catastrophes may require federal military support. The following sections will address important considerations when employing federal military forces under Title 10 status.

Request for Assistance (RFA) and Mission Assignments (MAs)

Generally, DSCA requests originating at the JFO are coordinated with and processed through the Defense Coordinating Officer (DCO) for SecDef approval. For example, FEMA coordinates the federal response to a disaster and will issue a Request for Assistance (RFA) or Mission Assignments (MAs) to other federal agencies such as the DoD. FEMA defines mission assignments as work orders that FEMA issues to another Federal department or agency, directing completion of a specified task by that agency (Federal Emergency Management Agency 2013). RFAs/MAs can also be initiated by States and/or agencies through the Executive Directorate at the Pentagon. DSCA, through the NIMS framework, is normally initiated by a Request for Assistance (RFA). The process for submitting a Request for Assistance (RFA) is outlined in DoD Directive (DODD) 3025.18 on DSCA. Furthermore, figures 7 and 8 illustrate the RFA process. Figure 7 highlights how the Defense Coordinating Officer (DCO) is the critical link in the RFA process since they review and validate the RFA prior to being sent to the DoD. The role of the DCO is explained in further detail in the following section. Furthermore, figure 8 addresses the parameters that the DoD considers when determining whether it can/should support the request.



Figure 7. Request for Assistance Process

Source: Chairman of the Joint Chiefs of Staff, Joint Publication 3-28, *Civil Support* (Washington, DC: Department of Defense, 2007), II-4.



Figure 8. Request for Assistance Process Decision Matrix

Source: Chairman of the Joint Chiefs of Staff, Joint Publication 3-28, *Civil Support* (Washington, DC: Department of Defense, 2007), II-5.

The Defense Coordinating Officer and Its Elements

Since the RFAs/MAs mentioned previously represent the civil support requirement, the Defense Coordinating Officer (DCO) plays an important role in reviewing the suitability for the DoD to perform said RFA/MA. The DCO is appointed by the DoD and serves as DoD's single point of contact at the Joint Field Office (JFO), with the exception of the US Special Operations Command and USACE assets. The DCO coordinates with State emergency managers, the State National Guard, and FEMA. For example, requests for combat support originating at the JFO will be coordinated and processed through the DCO with exception of requests for USACE support, National Guard forces operating under state active duty or Title 32 USC (i.e. not in federal service), or, in some circumstances, DoD forces in support of the FBI (Department of Defense 2007, I-9). Figure 9 specifically illustrates how the Defense Coordination Officer (DCO) works within the Joint Field Office (JFO) and is the critical link between a DoD Joint Task Force and the requirements identified by the civil authorities.



Figure 9. National Incident Management System Framework

Source: Chairman of the Joint Chiefs of Staff, Joint Publication 3-28, *Civil Support* (Washington, DC: Department of Defense, 2007), D15.

The DCO also has a defense coordinating element (DCE) consisting of staff and military liaison officers to facilitate coordination and support to activated ESFs. Figure 10 illustrates a sample augmented Defense Coordinated Element (DCE).



Figure 10. Sample Augmented Defense Coordinating Element

Source: Air, Land, and Sea Application (ALSA) Center, *Multi-Service Tactics*, *Techniques, and Procedures for DSCA and Integrating with National Guard Civil Support* (Joint Base Langley-Eustis: ALSA, 2013), 9.

Emergency Preparedness Liaison Officers (EPLOs)

In addition to the DCEs, Emergency Preparedness Liaison Officers (EPLOs)

serve as Service-specific experts assisting the DCO. They are Service reservists and may

be activated and employed by their department secretaries in a DSCA contingency role.

The Dual-Status Commander

Since the both the State and the Federal government possess military capabilities,

although under different statuses, a Dual Status Commander is designated by the National

Guard or a federal military officer to command military personnel serving in SAD, Title 32, U.S.C., or Title 10, U.S.C. status. Approval of a dual status commander requires the consent of the governor and approval of the SecDef.

According to General Charles H. Jacoby, Jr., Commander, USNORTHCOM and North American Aerospace Defense Command (NORAD) in his testimony before the House Armed Services Committee (HASC) on March 20, 2013, "A fundamental change in how we execute our civil support mission is the use of Dual Status Commanders (DSCs)—perhaps one of the most important initiatives taken in the area of DSCA in a decade. The Secretary of Defense and state governors authorize specially trained and certified senior military officers to command federal and state military forces employed by DOD and a state, respectively, in support of federal and state civil authorities, thereby promoting unity of effort in military assistance to the affected community. DSCs provide a link between the distinct and separate federal and state chains of command that is vital to facilitating unity of effort between the operations of federal and large state military force packages supporting civil authorities" (US Northern Command 2013). Figure 11 reflects the conceptual nature of the Dual Status Commander as the link between Title 10 and Title 32 forces. As figure 11 illustrates, the DSC's primary purpose is not to consolidate commands, but to foster coordination and promote unity of effort (National Commission on the Structure of the Air Force 2014, 39).



Figure 11. Conceptual Role of the Dual Status Commander (DSC)

Source: National Commission on the Structure of the Air Force, *Report to the President and Congress of the United States* (Arlington, VA: National Commission on the Structure of the Air Force, 2014), 39.

Furthermore, to highlight the importance of the DSC, the 2013 *Strategy for Homeland Defense and Defense Support to Civil Authorities* states that DoD shall regard DSCs as the usual and customary command and control arrangement in cases where Federal military and State National Guard forces are employed simultaneously in support of civil authorities (Department of Defense 2013). The dual status of the DSC can be extremely beneficial in synchronizing military efforts, especially during DSCA incidents that require military forces in multiple statuses.

Use of Air National Guard through NORTHCOM

The Air National Guard possesses several capabilities that can support civil authorities. In fact, according to General Craig R. McKinley, Chief of the National Guard Bureau, in his opening remarks before the advisory panel on Department of Defense Capabilities for Support of Civil Authorities after Certain Incidents, the Air National Guard supports states and local authorities with airlift, search and rescue, aerial firefighting, aerial reconnaissance, medical triage, aerial evacuation, civil engineering, infrastructure protection, and hazardous materials response (McKinley 2010, 7). Therefore, in order to utilize ANG assets in support of disaster response, FEMA coordinates support from military forces through NORTHCOM. If the valid requirement is aligned to an ANG capability, NORTHCOM forwards the request for National Guard support to the National Guard Coordinating Center (NGCC) located at Arlington Hall, Arlington, Virginia. The NGCC is then responsible for sourcing the appropriate response team through the individual State NGCC (NGB/A7X 2012, 37).

The Key Players

There are many local, state, and federal agencies that are involved when responding to and recovering from natural and/or man-made disasters. However, in the context of this thesis, this study will focus on the responsibilities and construct of the Department of Homeland Security and the Department of Defense, with more of a focus on the Air Force Active Duty, Reserve, and Air National Guard.

The Department of Homeland Security (DHS)

The DHS is comprised of 22 organizations (see figure 12) and its mission is to ensure a homeland that is safe, secure, and resilient against terrorism and other hazards. It possesses five core missions: prevent terrorism and enhance security, secure and manage borders, enforce and administer our immigration laws, safeguard and secure cyberspace, and ensure resilience to disasters (Department of Homeland Security 2013). With respect to resiliency to disasters, the DHS provides the coordinated, comprehensive federal response in the event of a terrorist attack, natural disaster or other large-scale emergency while working with federal, state, local, and private sector partners to ensure swift and effective recovery effort (Department of Homeland Security 2013).



Figure 12. Department of Homeland Security Organizational Chart

Source: Chairman of the Joint Chiefs of Staff, Joint Publication 3-28, *Civil Support* (Washington, DC: Department of Defense, 2007), E2.

In 2007, the Department of Homeland Security published its National

Preparedness Guidelines which addresses the full spectrum of prevention, protection, response, and recovery efforts to prepare the Nation for all hazards – whether terrorist attack or natural disaster. There are four critical elements of the *Guidelines*: The National Preparedness Vision, the National Planning Scenarios, the Universal Task List (UTL), and the Target Capabilities List (TCL) (Department of Homeland Security 2007, iii). In short, the *Guidelines*, and its several components and sub-products, organize and synchronize national efforts to strengthen national preparedness, incorporate lessons learned from past disasters into national preparedness priorities, guide national investments in national preparedness, facilitate a capability-based and risk-based investment planning process, and establish readiness metrics to measure progress and a system for assessing the Nation's overall preparedness capability to respond to major events (Department of Homeland Security 2007, 1). As a result of the overarching guidance provided by the Department of Homeland Security, many other guidance, especially from the Federal Emergency Management Agency (FEMA), spawned and will be referenced throughout the following chapters.

The Federal Emergency Management Agency (FEMA)

Within the DHS is FEMA, the agency which coordinates the federal government's role to prepare for, protect against, respond to, and recover from all domestic disasters, whether natural or man-made, including acts of terror (Federal Emergency Management Agency 2012). In addition to its components and offices, FEMA is further divided into 10 geographic regions, as illustrated in figure 13.



Figure 13. FEMA Regions

Source: Department of Defense, *DSCA Handbook* (Washington, DC: Government Printing Office, 2012).

To complement the Department of Homeland Security's 2007 National Preparedness Guidelines mentioned previously, DHS has published its 2011 National Preparedness Goal. The core capabilities contained in the Goal are the distinct critical elements necessary to prevent, protect against, mitigate, respond to, and recover from the threats and hazards (Department of Homeland Security 2011, 1). FEMA uses this document to assess both their capacity and gaps, and each core capability includes targets for which measures will be developed. These core capabilities represent an evolution from its 2007 Target Capabilities List. The Goal's core capabilities by mission area are illustrated in table 3 and reflect general capabilities that may be required during the different phases of prevention, protection, mitigation, response, and recovery.

Prevention	Protection	Mitigation	Response	Recovery		
Planning						
Public Information and Warning						
Operational Coordination						
Forensics and Attribution Intelligence and Information Sharing Interdiction and Disruption Screening, Search, and Detection	Access Control and Identity Verification Cybersecurity Intelligence and Information Sharing Interdiction and Disruption Physical Protective Measures Risk Management for Protection Programs and Activities Screening, Search, and Detection Supply Chain Integrity and Security	Community Resilience Long-term Vulnerability Reduction Risk and Disaster Resilience Assessment Threats and Hazard Identification	Critical Transportation Environmental Response/Health and Safety Fatality Management Services Infrastructure Systems Mass Care Services Mass Search and Rescue Operations On-scene Security and Protection Operational Communications Public and Private Services and Resources Public Health and Medical Services Situational Assessment	Economic Recovery Health and Social Services Housing Infrastructure Systems Natural and Cultural Resources		

Table 3. Core Capabilities by Mission Area

Source: Department of Homeland Security, *National Preparedness Goal* (Washington, DC: Department of Homeland Security, 2011), 2.

United States Northern Command (USNORTHCOM)

United States Northern Command (USNORTHCOM) was established on October

1, 2002 to provide command and control of Department of Defense (DOD) homeland

defense efforts and to command the federal military response to DSCA.

USNORTHCOM's three primary missions include Homeland Defense and Defense

Support to Civil Authorities within the Continental United States (CONUS), Alaska,

Puerto Rico, and the United States Virgin Islands and Security Cooperation with Canada

and Mexico. In accordance with the Chairman of the Joint Chiefs of Staff standing execution order for DSCA, the USNORTHCOM Commander has the authority to alert and prepare to deploy assigned and allocated forces in support of a primary agency such as FEMA. The Combatant Commander may request, deploy, and employ selected forces upon notification from the Chairman of the Joint Chiefs of Staff and the Secretary of Defense, in support of a validated request for assistance from a primary agency. The intent of the order is to provide the combatant commander the maximum latitude to posture federal military forces to respond immediately to an incident (Department of the Army 2010). Then, when these forces are deployed, USNORTHCOM can operationalize its Joint Task Force Civil Support to provide the command and control, if necessary.

Joint Task Force Civil Support (JTF-CS)

Assigned to USNORTHCOM is Joint Task Force Civil Support (JTF-CS), which is an operational standing joint task force headquarters that falls under the Joint Forces Land Component Commander (JFLCC), and in this case, the US Army North (USARNORTH) command. It is the Nation's only standing CBRN joint task force and is responsible for anticipating, planning, and preparing for chemical, biological, radiological, and nuclear (CBRN) response for operations. When directed, JTF-CS deploys to command and control DoD forces and conducts CBRN response operations in support of civil authorities. JTF-CS may be OPCON to USPACOM when directed. JTF-CS operates under the instructions and guidance of *CJTFCS OPLAN 3500-11*.

Furthermore, according to the *CJCS Defense Support to Civil Authorities* Standing Execution Order (EXORD), its forces which are allocated to CDRUSNORTHCOM for the Chemical, Biological, Radiological, and Nuclear (CBRN) mission, may be temporarily re-missioned to support DSCA requirements after Secretary of Defense (SecDef) and Chairman of the Joint Chiefs of Staff (CJCS) notifications. In other words, CBRN forces may be employed to meet non-CBRN DSCA requirements as long as they remain available to deploy to a CBRN incident in accordance with the timelines established in the CBRN EXORD (Chairman of the Joint Chiefs of Staff 2013). This dual capability can be very beneficial, especially during CBRN and/or non-CBRN disaster. For example, USARNORTH activated JTF-CS to serve as the JFLCC Coordinating Element (JCE) during Hurricane Sandy. The JCE's mission was to coordinate for military units conducting missions in affected regions of the Eastern seaboard. In addition, JTF-CS deployed a 54-person team to Fort Bragg, N.C. in September 2011 as part of the federal response to Hurricane Irene (Dietrick 2012, 1). These two examples illustrate how JTF-CS was utilized in support of a non-CBRNE disaster.

The Defense CBRN Force (DCRF)

When activated and under the command and control of the JTF-CS, the DCRF becomes the scalable force that consists of approximately 5,400 personnel in all branches of the Armed Forces and is assigned to USNORTHCOM for CBRNE and/or non-CBRN DSCA missions. They support the primary federal agency to save lives, prevent further injury, and provide temporary critical support. The DCRF is capable of conducting six core capabilities: mission command, identification and detection, technical and nontechnical search and extraction, mass casualty and non-casualty decontamination, medical triage and stabilization, and air and ground evacuation (Joint Task Force Civil Support 2013, 23). The DCRF consists of 88 units at 35 military installations across the US. They are further organized under four general commands – logistical, medical, aviation, and operations (Vlahos 2012). Figure 14 illustrates the FY14 DCRF task organization. Note that the preponderance of DCRF units is comprised of US Army units.



Figure 14. FY14 DCRF Task Organization

Source: Joint Task Force Civil Support, "JTF-CS 101 Brief" (Presentation, Fort Eustis, September 30, 2013), 15.

As one can see, the JTF-CS and an associated DCRF possess many capabilities when responding to CBRNE disasters or when re-missioned to support non-CBRN disasters. However, during one or multiple complex catastrophes, even these capabilities may be overwhelmed. Therefore, this thesis will demonstrate which Air Force capabilities can potentially be utilized to complement USNORTHCOM's existing JTF-CS and an associated DCRF capabilities in support of CBRN and non-CBRN DSCA requirements.

Military Engineers

If needed, military engineering capabilities by other Services, outside of the JTF-CS and an assocated DCRF, can be provided. In general, DoD engineer forces will be called upon when local, state, tribal, federal, and contractor resources are fully engaged, exhausted, or timely action is necessary to save lives and prevent further human suffering and loss or property (Department of Defense 2007). They may be tasked with short notice to assist civil authorities as a result of a natural or man-made disaster as directed by the local commander under immediate response authority or indirectly in support of a primary agency through the National Response Framework. According to Joint Publication 3-28 *Civil Support*, the general priority of engineer actions are as follows: force bed-down, emergency stabilization and repair of damaged critical infrastructure (see figure 15 for examples of critical infrastructure), emergency clearing of debris, immediate humanitarian needs of the dislocated populace, and demolition of damaged structures (Department of Defense 2007). These capabilities are applicable to both wartime and peacetime environments.



Figure 15. Examples of Critical Infrastructure

Source: Chairman of the Joint Chiefs of Staff, Joint Publication 3-34, *Joint Engineer Operations* (Washington, DC: Department of Defense, 2011), 220.

Other general engineering capabilities that can be utilized in support of DSCA can

be found in figures 16 and 17. Note that damage assessment is not listed.



Figure 16. General Engineering Capabilities and Activities

Source: Chairman of the Joint Chiefs of Staff, Joint Publication 3-34, *Joint Engineer Operations* (Washington, DC: Department of Defense, 2011), IV-6.



Figure 17. Engineering Support to Civil Support Operations

Source: Chairman of the Joint Chiefs of Staff, Joint Publication 3-34, *Joint Engineer Operations* (Washington, DC: Department of Defense, 2011), IV-12.

Specifically in the context of Joint Task Force Civil Support and an associated

DCRF, the FY15 Tentative DCRF Task Organization, which reflects the Global Force

Management Allocation Plan (GFMAP) as of November 26, 2013, illustrates that each

Batallion Task Force of the DCRF will possess a platoon of Army engineers.

These engineers will provide JTF-CS with technical rescue, route opening, and general engineering operations (11th Engineer Battalion 2013). While these platoons of Army engineers possess many capabilities, other Service engineers, such as Air Force civil engineers, possess many capabilities that can complement their capabilities in support of DSCA.

Air Force Civil Engineers

Although the preponderance of military engineering capabilities of the JTF-CS and an associated DCRF are provided by the Army, Air Force civil engineers can be particularly suited for DSCA missions as well. In fact, according to the 2014 National Commission on the Structure of the Air Force report, "the Air Force, particularly the Air National Guard and the Air Force Reserve, plays a significant role in both Homeland Defense and support to civil authorities." This is especially the case in the instance of Agile Combat Support units that have dual-use opportunity such as Civil Engineering, that have great value to their communities for disaster assistance (National Commission on the Structure of the Air Force 2014, 41). Furthermore, the 2011 *U.S. Air Force Civil Engineering Strategic Plan* indicates that civil engineers effectively organize, train, equip, deploy, employ, and recover civil engineer forces across the full range of military operations (Hq USAF/A7C 2011, 4). This range of military operations can apply to both wartime and peacetime scenarios.

Doctrinally, according to AFDD 3-34 *Engineer Operations*, Air Force civil engineer forces provide, operate, maintain, and protect sustainable installations as weapon system platforms through engineering and emergency response services across the full mission spectrum. Although Air Force forces operate from fixed bases, they are mobile enough to project combat airpower worldwide. To support this concept, Air Force civil engineers organize, train, and equip to rapidly respond as part of the Air Expeditionary Task Force (AETF), performing comparable functions in peacetime and during contingencies, enabling combat forces to operate across the range of military operations.

Therefore, Air Force civil engineers organize, primarily, as two types of forces. The first type is the Prime Base Engineer Emergency Force (BEEF) civil engineer force which is composed of traditional engineers, firefighters, Explosive Ordnance Disposal (EOD), and Emergency Management (EM) personnel. For further clarification, EM personnel possess capabilities to coordinate and organize efforts to manage, prepare for, respond to, and recover from the direct and indirect consequences of CBRN attacks or incidents, conventional weapon attacks, major accidents and natural disasters. The second type is the Rapid Engineering Deployable Heavy Operational Repair Squadron Engineer (RED HORSE) which offers a variety of capabilities. Among these capabilities include their heavy construction and repair, beddown capabilities, and their ability to conduct self-sustaining operations. Furthermore, the Air Force possesses several other specialized civil engineer teams such as the Airfield Pavement Evaluation (APE) teams, Civil Engineer Maintenance, Inspection, and Repair Team (CEMIRT), civil engineers within the 49th Maintenance Materiel Group (MMG) and civil engineers within the Air Force's Contingency Response Wings (CRWs) and Groups (CRGs). Figures 18-26 illustrate the various Air Force active duty civil engineer units worldwide.

46



Figure 18. Air Combat Command CE Units



Figure 19. Air Education and Training Command CE Units



Figure 20. Air Force Global Strike Command CE Units



Figure 21. Air Force Materiel Command CE Units



Figure 22. Air Force Special Operations Command CE Units



Figure 23. Air Force Space Command CE Units



Figure 24. Air Mobility Command CE Units



Figure 25. Pacific Air Forces CE Units



Figure 26. United States Air Forces Europe CE Units

Specific to USNORTHCOM's role in DSCA, according to the Air Force's Civil Engineer Center Expeditionary Engineering brief in January 2014, the Air Force civil engineer global force lay down for the NORTHCOM Area of Responsibility (AOR) includes a RED HORSE unit assigned to NORTHCOM's DCRF (Air Force Civil Engineer Center 2014). This RED HORSE unit shows a vertical engineer company-sized unit that is indicated by the Global Force Management Allocation Plan (GFMAP) as of November 26, 2013; to be available to the Batallion Task Forces as required. This vertical engineer company-sized unit is meant to reflect a RED HORSE Unit Type Code (UTC).

Air National Guard Civil Engineers

The Air National Guard possesses civil engineers, too. There are approximately 8,746 civil engineer personnel in the ANG in all 50 states, the District of Columbia, Guam , and Puerto Rico; and are typically organized into Prime BEEF, RED HORSE, and Staff Augmentation Teams (S-Teams). These S-Teams are unique to the Air Force

Reserve and ANG (NGB/A7X 2012). According to the ANG's Joint Staff Guidebook, the capabilities of these units to respond to natural disasters vary. Some units are capable of heavy construction and demolition while other units are better suited to command and control, planning and design support. As a result of their location, ANG Civil Engineer units are available to respond to a request for support within any state with less than a day's travel (NGB/A7X 2012). Figure 27 illustrates the locations of the civil engineer units in the ANG inventory.



Figure 27. ANG Civil Engineer Units

Source: Air Force Civil Engineer Center, "2012 Civil Engineer Almanac," *Air Force Civil Engineer* (December 2012): 60.

Air Force Reserve Civil Engineers

In addition to the ANG, the Air Force possesses civil engineering capabilities in

the Air Force Reserves. There are approximately 5,455 engineers at 42 units for

worldwide contingencies. Figure 28 illustrates the locations of the various Air Force Reserve CE units.



Figure 28. AF Reserve CE Units

Source: Air Force Civil Engineer Center, "2012 Civil Engineer Almanac," *Air Force Civil Engineer* (December 2012): 60.

Miscellaneous

Assumptions

JTF-CS in Support of CBRNE and non-CBRNE Disasters

There are a few key assumptions that apply to the development of this thesis. One key assumption is the availability of JTF-CS, and an associated DCRF, in support of non-CBRNE disaster missions. Although the previously aforementioned mission statement of the JTF-CS specifically indicates CBRN response operations, according to the CJTFCS OPLAN 3500-11, depending on the nature of the event, a DSCA operation following a catastrophic CBRN incident may generate a variety of engineer requirements. The

primary responsibility of the Defense CBRNE Response Force (DCRF) engineer units is to support DCRF activities. However, contingent on DCRF support requirements, DCRF engineers may be available to respond to JTF-CS orders supporting engineering support of the Public Agency (PA) (Combined Joint Task Force Civil Support 2011). Furthermore, the DSCA EXORD indicates that although the DSCA EXORD is not intended for CBRNE incidents, both the DSCA and CBRNE EXORDS can be used in conjunction with one another (Chairman of the Joint Chiefs of Staff 2013, 2). These two documents illustrate that the JTF-CS, and an associated DCRF, can be employed/deployed to support DSCA requirements in response to CBRN and non-CBRN catastrophes. Therefore, when required, Air Force civil engineers can potentially complement the JTF-CS, and an associated DCRF, with its CBRN and non-CBRN capabilities. However, even if the JTF-CS and/or an associated DCRF is not employed to respond to an incident, Air Force civil engineers can still contribute their CBRN and/or non-CBRNE capabilities in response to a Request for Forces (RFF) from USNORTHCOM in support of a DSCA task.

DoD in Support of DSCA Response Missions

Another key assumption is that when DSCA is required, the DoD will primarily be involved in the response mission area. In other words, although FEMA has identified capabilities to prevent, protect, mitigate, respond, and recover from natural and/or manmade disasters, the DoD will primarily support response requirements and not prevention, protection, mitigation, nor recovery requirements. The definitions of each mission area, in accordance with 2011 National Preparedness Goal, are further described in table 4.

Mission Area	Definition
Prevention	This mission area includes those capabilities necessary to
	avoid, prevent, or stop a threatened or act of terrorism. It is
	focused on ensuring we are optimally prepared to prevent
	imminent terrorist attacks within the United States.
Protection	This mission area includes capabilities to safeguard the
	homeland against acts of terrorism and man-made or natural
	disasters.
Mitigation	Mitigation includes those capabilities necessary to reduce
	loss of life and property by lessening the impact of disasters.
	It is focused on the premise that individuals, the private
	sector, communities, critical infrastructure, and the Nation
	as a whole are made more resilient when the consequences
	and impacts, the duration, and the financial and human costs
	to respond to and recover from adverse incidents are all
	reduced.
Response	Response includes those capabilities necessary to save lives,
	protect property and the environment, and meet basic human
	needs after an incident has occurred.
Recovery	Recovery includes those capabilities necessary to assist
	communities affected by an incident in recovering
	effectively. It is focused on a timely restoration,
	strengthening, and revitalization of the infrastructure;
	housing; a sustainable economy; and the health, social,
	cultural, historic, and environmental fabric of communities
	affected by a catastrophic incident.

Table 4.Mission Area Definitions

Source: Based from Department of Homeland Security, *National Preparedness Goal* (Washington, DC: Department of Homeland Security, 2011), 26.

This assumption is reinforced by the CJCS Standing DSCA EXORD dated 14

August 2009, which states that continued DoD support of DSCA operations after 72

hours of employment, requires coordination with the Geographical Combatant

Commander (GCC). The intent of this coordination is to either develop an exit strategy or

seek SecDef approval for continued assistance. The 72 hours corresponds with the time

limit for the response phase (focus is on life-sustaining functions) of a DSCA operation

(Chairman of the Joint Chiefs of Staff 2010, 17). After 72 hours, the response is generally no longer considered immediate and falls into the category of restoration/recovery.

Active and Reserve Component Equality

Another assumption for the development of this thesis is that USAF AD, Reserve, and ANG civil engineers generally possess the same skill sets at generally the same proficiency. In June 2005, the Department of Defense issued its Strategy for Homeland Defense and Civil Support, which reiterates the department's role of providing support to civil authorities at the direction of the President or Secretary of Defense. This document also stated that "the National Guard is particularly well suited for civil support missions" and that the reserve forces "currently provide many key homeland defense and civil support capabilities". However, the Department of Defense believes that "the nation needs to focus particular attention on better using the competencies of the National Guard and Reserve Component organizations" (Buchalter 2007, 15). Although the active and reserve component possess their own distinct characteristics and according to the 2013 National Commission on the Structure of the Air Force, "these [Reserve] components are complementary to the Active component, not precise mirror images," this study will make the assumption that the civil engineering skill sets and proficiencies of the active and reserve components are equal for planning purposes.

Adherence to FEMA's Universal Task List (UTL)

One final key assumption is that although the Universal Task List (UTL) is the catalogue of tasks that may need to be performed by governmental, non-governmental, non-governmental, and private-sector organizations, and the general public; according to

DHS' 2007 Target Capabilities List (TCL), "no single jurisdiction or agency is expected to perform every task identified and no two jurisdictions require the same level of capabilities" (Department of Homeland Security 2007, vi). Therefore, the DoD is not expected to perform or be capable of each task of the UTL.

Limitations

It is possible that several documents that identify forces and capabilities that shall be utilized in support of CONPLANs and OPLANs are classified. Furthermore, After-Action-Reports (AARs) from previous events may not be publicly published. Therefore, it was imperative to establish contacts with Subject Matter Experts (SMEs) in the field to acquire said AARs. However, this interaction with SMEs was a significant limitation as SMEs were often occupied with their other day-to-day duties and were unable to provide requested information and assistance.

Delimitations

Although the engineering related tasks are very similar in Defense Support to Civil Authorities (DSCA) and Humanitarian Assistance/Disaster Response (HA/DR), this thesis shall only address how the Air Force civil engineer can contribute to DSCA, not HA/DR. However, case studies from previous events in support of HA/DR missions have been utilized in an effort to gain lessons learned and best practices that may be utilized in DSCA mission sets.

In addition, this thesis shall only address Air Force active duty, Reserve, and Air National Guard civil engineer capabilities. There is no doubt that the other Service engineers have capabilities and/or responsibilities to support DSCA, however, due to the limited scope of this thesis, the other Service engineer capabilities will not be comprehensively addressed.

And lastly, although a significant amount of research material has stemmed from USNORTHCOM related documents, the lessons from this thesis may also be applied to USPACOM and its execution of DSCA missions. However, this thesis is focused on the applications and implications to USNORTHCOM.

CHAPTER 2

LITERATURE REVIEW

There are many publications available that address the Department of Defense's role in Defense Support to Civil Authorities (DSCA). One can see from the Bibliography section that there is sufficient research material to utilize in order to develop this thesis. Furthermore, there are documents that provide examples of when and how Air Force civil engineers have contributed to DSCA in the past, although they are not numerous in quantity. However, other than the capabilities that have already been demonstrated by historical events; there appears to be very little, thus far, specifically and comprehensively addressing which Air Force civil engineer capabilities can be used in the future in support of DSCA. In other words, there does not appear to be a published document that analyzes the full range of Air Force civil engineer capabilities and their potential future applications to the full range of civil support tasks.

However, there are some key documents that have been utilized to frame the problem. At the strategic level is the *2013 Strategy for Homeland Defense and Defense Support of Civil Authorities*. This strategy is derived from the homeland defense and civil support priorities contained in the National Security Strategy, the Quadrennial Defense Review Report, and Defense Strategic Guidance. This document acknowledges that public expectations for a decisive, rapid, and effective federal response to disasters have increased. It further highlights that although the DoD is always in a support role to civilian authorities for disaster response, the capacity, capabilities, training, and professionalism of the DoD is often expected to play a prominent role in response efforts (Department of Defense 2013, 6). An example was the prevailing "go big, go early, go

fast, be smart" approach to saving lives and protecting property in the homeland – which was evident during the preparations for and response to Hurricane Irene in August 2011 and particularly Hurricane Sandy in October 2012 (Department of Defense 2013, 6). These efforts require DoD to rapidly and effectively harness resources to quickly respond to civil support requests in the homeland, but must be balanced carefully to ensure that it does not contradict the DoD's supporting role in support of DSCA, to maintain the DoD's readiness in response to worldwide contingencies, and to reinforce the DoD's "last in, first out" tiered response concept (see figure 29) (DCE Region VII Kansas City 2014, 10). However, despite the DoD's tiered response concept and its supporting role, the strategy is built upon a key assumption that the DoD will be called upon to provide significant resources and capabilities during a catastrophic event in the homeland (Department of Defense 2013, 6).



Figure 29. DoD Tiered Response Concept

Source: DCE Region VII Kansas City, "Defense Coordinating Officer and Defense Coordinating Element Roles and Responsibilities" (Powerpoint Briefing, Kansas City, April 5, 2012).
Furthermore, it highlights specific objectives and tasks that the DoD shall explore in order to develop plans and procedures to ensure DSCA during complex catastrophes through its core capabilities of immediate response authority, geographically-proximate force sourcing, and ready access to non-National Guard Reserve forces. For example, a key consideration for catastrophic events is that response elements have the highest probability to save lives within 72-96 hours after an incident. To address this time constraint, the strategy states that DoD shall explore force-sourcing options that include a unit's proximity to the affected area as a core consideration for sourcing disaster response efforts (Department of Defense 2013, 17). Furthermore, the strategy advocates that involuntary mobilization of non-National Guard Reservists for domestic disaster response shall be considered due to the geographic dispersion of Reserve units and their life-saving medical, decontamination, engineering, and other capabilities (Department of Defense 2013, 18).

At the operational level, the DHS and FEMA have published documents and guidance that provide very important frameworks and lessons learned that will be applied into this thesis. Three very important documents include the 2011 National Preparedness Goal, the 2007 Target Capabilities List, and the Crosswalk of Target Capabilities to Core Capabilities. The latter document is especially important as it attempts to correlate the 2011 National Preparedness Goal to the 2007 Target Capabilities List.

Specifically, the 2007 *Target Capabilities List* (TCL) published by the Department of Homeland Security is a key document as it a 588-page document that provides a national-level, generic model of operationally ready capabilities defining allhazards preparedness. Users of this document should refer to it to assess capabilities, identify needs, and inform plans and strategies taking into account their risk. However, it further stresses that it serves as a reference document and planning guide to preparedness and in no way serves as a prescription for program or resource requirements (Department of Homeland Security 2007, v). The TCL is comprised of 37 capabilities that address response capabilities, immediate recovery, selected prevention and protection mission capabilities, as well as common capabilities such as planning and communications that support all missions. See table 5 for a list of these core capabilities.

Common Capabilities Planning Communications Community Preparedness and Participation Risk Management Intelligence and Information Sharing and Dissemination Prevent Mission Capabilities Information Gathering and Recognition of Indicators and Warning Intelligence Analysis and Production Counter-Terror Investigation and Law Enforcement CBRNE Detection Protect Mission Capabilities Critical Infrastructure Protection Food and Agriculture Safety and Defense Epidemiological Surveillance and Investigation	Volunteer Management and Donations Responder Safety and Health Emergency Public Safety and Security Animal Disease Emergency Support Environmental Health Explosive Device Response Operations Fire Incident Response Support WMD and Hazardous Materials Response and Decontamination Citizen Evacuation and Shelter-in-Place Isolation and Quarantine Search and Rescue (Land-Based) Emergency Public Information and Warning Emergency Triage and Pre-Hospital Treatment Medical Surge Medical Supplies Management and Distribution Mass Prophylaxis Mass Care (Sheltering, Feeding and Related Services)
Laboratory Testing	Related Services) Fatality Management
Respond Mission Capabilities On-Site Incident Management Emergency Operations Center Management Critical Resource Logistics and Distribution	Recover Mission Capabilities Structural Damage Assessment Restoration of Lifelines Economic and Community Recovery

 Table 5.
 Core Capabilities of the Target Capabilities List (TCL)

Source: Department of Homeland Security, Target Capabilities List: A Companion to the National Preparedness Guidelines (Washington, DC: DHS, 2007), vii.

On a separate but related note, the core capabilities described in DHS' 2007 *Target Capabilities List* further evolved into FEMA's *National Preparedness Goals*. This document addresses the distinct critical core capabilities necessary to prevent, protect, mitigate, respond, and recover from threats and hazards that pose the greatest risk to the security of the United States. These risks include, but are not limited to: natural hazards such as hurricanes, earthquakes, tornadoes, wildfires, and floods; and the use and its associated effects of Weapons of Mass Destruction (WMD). Similar to DHS' 2007 TCL, the DHS' National Preparedness Goals states that these core capabilities are not targets for any single jurisdiction or agency (Department of Homeland Security 2011, 3).

However, despite the plethora of guidance provided in both the DHS 2007 *Target Capabilities List* and the FEMA 2011 *National Preparedness Goals*, it does not clearly translate to what military capabilities can be provided to civil authorities in response to natural and man-made disasters. Therefore, the *Civil Support Task List* was created to provide a common language that provides a crosswalk between standardized military terminologies and terms and titles used by the National Incident Management System (NIMS). Although the CSTL is currently a coordinating draft still under development by the National Guard Bureau as of May 15, 2011; generally speaking, the CSTL seeks to bridge the communication gap between civilian emergency responders requesting goods and services, and the military emergency responders providing them, by creating a common lexicon that makes sense to both emergency response communities. The CSTL is based on two principles: developing a common language that translates "military speak" to fit in the National Response Framework, and developing a common operating picture across source and location. When developed, these capabilities will be arranged in

63

a centralized catalog that integrates into other efforts, with the goal of speeding up support when it is needed from the National Guard and potentially other non-civilian emergency response agencies (Federal Emergency Management Agency 2009, 40). Therefore, the CSTL will be further addressed in later chapters since it will serve as the primary framework to analyze which Air Force active duty, Reserve, and/or Air National Guard civil engineer capabilities can potentially support civil authorities when responding to natural and/or man-made disasters.

However, it is important to note that despite providing the fundamental framework for the analysis, the document crosswalks the tasks that are required by civilian agencies to the Services' task lists as of 2009. With that said, the Air Force Universal Task List (AFUTL) was not fully developed in 2009, therefore, many of the CSTL tasks required indicate that there are no associated AFUTL tasks associated to support said task. However, this is misleading. One example of a CSTL task that an Air Force civil engineer can support, but is not reflected in the CSTL as a capability that Air Force civil engineers can provide, is CS 3.1.2 *Provide Road Damage Assessment*. See table 6 for the excerpt from the CSTL.

Table 6. CS 3.1.2 Provide Road Damage Assessment

CS 3.1.2. Provide Road Damage Assessment

DESCRIPTION: Provide road damage assessment. This capability includes determining and reporting the location, quantity and types of damage (Such as culverts, pot holes, and retaining walls). It may also include general assessments of ability and efforts to clear routes for emergency use.

CONDITION(S):

- 1. Under the direction of proper civilian authority.
- 2. Can operate in most conditions.
- 3. External factors such as contamination, extreme weather, etc., can degrade service.

STANDARD(S):

- a. Depart home station within 12 hours of notification.
- Derational within 2 hours of arrival at assigned location.
- c. 24 hour sustained operations.
- d. Self-sustainable for a minimum of 72 hours.
- e. Appropriate training, licensing, certifications, and qualifications for organizational personnel.

CAPACITIES:

3.1.2.1 Assess and report trafficability and damage of roadway system including bridges,

overpasses, cuts, fills, and surfaces.

3.1.2.2 Assess and report trafficability and damage of roadway system including cuts, fills, and surfaces exclusive of bridges and overpasses.

3.1.2.3 Assess and report trafficability and damage of secondary roadways and surface streets only.

CROSSTALK IV	RELATED TASKS:
DOCUMENTS	CHAPTER, PARAGRAPH, SECTION, KEY WORDING, RELATED TASKS, ETC.
UJTL (On line)	SN 3.3.6.1 Assess Critical Infrastructure (CI) Impacts to Operational
	Capability: Determine the operational impacts resulting from the loss, disruption,
	and/or degradation of mission critical infrastructure. (DODD 2000.12, DODD
	3020.26, DODD 3025.1M, DODD 5111.13, DODD 5160.54, DODD 5220.22, EO
	13010, EO 13023, EO 13226, JF 3-26, FDD-NSC-67) Note: This task includes
	supporting all assigned missions: analyzing the notential consequences of a global
	event: assessing potential impacts to critical infrastructure and assets supporting
	assigned missions; and reporting results of the analysis and assessment.
AUTL (2009)	ART 7.4.1.1 Provide Disaster Relief: Disaster relief restores or recreates essential
	infrastructure. It includes establishing and maintaining the minimum safe working
	conditions, less security measures, necessary to protect relief workers and the
	affected population. (Overseas, Army forces may provide security as part of a
	stability operation.) Disaster relief allows effective humanitarian relief and creates
	the conditions for long-term recovery. It may involve consultation on and provision
	of emergency medical treatment and evacuation; repairing or demolishing damaged
	from supply souther and roling proges, roads, and almelos, and removing debris
	ART 2.3.3 Conduct Recompaise ance: Recompaise ance is a mission undertaken to
	obtain by visual observation or other detection methods information about
	activities and resources of an enemy or potential enemy and about the
	meteorological, hydrographic, or geographic characteristics of an area of
	operations. Other detection methods include signals, imagery, measurement of
	signature, or other technical characteristics. This task includes performing chemical,
	biological, radiological, and nuclear reconnaissance; engineer reconnaissance (to
	include infrastructure reconnaissance and environmental reconnaissance). (FM 3-
	34.170) (USAIC&FH).
AFTL (2009)	None Identified
UNTL (2009)	None Identified
MCTL (2009)	MCT 3.1.6 Assess/Conduct Combat Assessment: To conduct battle damage
	assessment, physical damage assessment, functional damage assessment, and
1	I taldet system assessment, and munitions enects assessment, which conectively
1	comprise combat assessment (CA) to determine re-attack recommendations CA
	comprise combat assessment (CA), to determine re-attack recommendations. CA reveals if the commander's quidance is met and determines the overall
	comprise combat assessment (CA), to determine re-attack recommendations. CA reveals if the commander's guidance is met and determines the overall effectiveness of force employment. (JP 0-1, 0-2, 2-01.1, 2-01.3, 3-0, 3-09, 3-30, 3-
	comprise combat assessment (CA), to determine re-attack recommendations. CA reveals if the commander's guidance is met and determines the overall effectiveness of force employment. (JP 0-1, 0-2, 2-01.1, 2-01.3, 3-0, 3-09, 3-30, 3-31, 3-60, 5-0, 5-00.1, 5-00.2, MCWP 3-16, 3-23, 3-23.1, 3-23.2, 3-26, CJCSM
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FEMA 120 DHS UTL	comprise combat assessment (CA), to determine re-attack recommendations. CA reveals if the commander's guidance is met and determines the overall effectiveness of force employment. (JP 0-1, 0-2, 2-01.1, 2-01.3, 3-0, 3-09, 3-30, 3-31, 3-60, 5-0, 5-00, 1, 5-00, 2, MCWP 3-16, 3-23, 3-23.1, 3-23.2, 3-26, CJCSM 3122.01/02C/03A (JOPES) Disaster Assessment Team: Governed by type and magnitude of the disaster, the structure of the team consists of people most knowledgeable about the collection or material inventory of the disaster site, and assessing the magnitude and extent of impact on both the population and infrastructure of society. Trained specifically for disaster assessment techniques, team members are multidisciplinary and can include health personnel, engineering specialists, logisticians, environmental experts, and communications specialists. Responsibilities include recording disaster site damage, and investigating where damage exists. Teams also analyze the significance of affected infrastructures, estimate the extent of damages, and establish initial priorities for recovery. Disaster assessment takes can perform an initial assessment that comprise situational and needs assessments in the early, critical stages of a disaster to determine the type of relief needed for an emergency response, or they may carry out a much more expedited process termed a rapid assessment. Res.B.1 14.3.1 Gather and process damage assessments of transportation

Source: NGB/J3/5, Civil Support Task List Coordinating Draft as of 15 May 2011 (Washington, DC: NGB/J3/5, 2011).

Assessment

This task involves the capability to determine and report the location, quantity, and types of road damage, and general assessments of the ability and efforts to clear routes for emergency use. Although the CSTL indicates that there were no associated AFUTLs to support CS 3.1.2 in 2009, the AFUTL as of February 2013 indicates that Air Force Prime BEEF units have the ability to provide site survey assessment of required structural and pavement activities including specific/additional pavements assessments/analysis (see table 7).

			DE	FAILS				
Task Number	AFTA 1.1 Title Establish Airbase							
Task Description	Provide first responders to plan, coordinate, and execute "Open the Airbase" requirements including seizing and holding a military lodgment in the face of armed opposition. Validate and determine the suitability of a designated airfield for a future air mission. Bridge the gap between seizure forces and follow-on combat/expeditionary support forces. Facilitate the AF's ability to rapidly deploy US military forces and initiate air operations of any type in minimal time at any base or location around the globe. Provide limited C2, aerial port services, quick turn maintenance, force protection and various airbase support capabilities. Establish force protection/airfield security, command and control, terminal operations, air traffic control, airfield management, intelligence operations, quick-turn maintenance and base operating support (BOS). Re-direct CRG forces to a follow-on mission/location or redeployed to home station for reconstitution once adequate forces are in place for mission sustainment. Provide first responders to plan, coordinate, and execute expeditionary mobility support requirements. Provide limited C2, Aerial Port Services, Quick Turn Maintenance, Communications Support, Airfield Survey, and unit load-planning/cargo marshalling capability for airlift users. (JP 3.0, JP 3-17, AFDD 2-4.4, AFDD 2-6, and AFTTP							
			CONE	ITIONS				
Condition Number	C 2.5.1.5	Title	Entry Capability	Descriptio	n			
Condition Descriptors	Unopposed Extent to which a military force is capable of entering an area of operations unopposed or opposed					e is capable of s unopposed or		
			STAN	DARDS				
	Ν	IEASUF	RE		SCALE	CRITERION		
M2 Conduc future air mis	M2 Conduct airfield assessment to determine suitability for Hours <= 24 future air missions							
M3 Establis objectives	M3 Establish airfield at deployed locations to meet mission Hours <= 2.5 objectives							
M4 Of Exp Support resp	editionary Co onsibilities tra	mbat Su	pport and Base O d to sustainment f	perating orces	Percent	>= 90		
M10 Condu communication	uct runways/ra	amps, fo ties asse	rce protection, essments		Hours	<= 12		
M11 Provid and pavemer pavements a	le site survey at activities in ssessment/ar	assessr cluding s alysis	nent of required s pecific/additional	tructural	Hours	<= 60		
M20 Estab	20 Establish base operating support Hours <= 72							

 Table 7.
 Civil Engineer Mission Essential Task List Prime BEEF Large Squadron

Source: Hq USAF/A30-IR, Air Force Universal Task List (AFUTL) and Core-Unit Mission Essential Task Lists (METLs) (Washington, DC: Hq USAF, February 2013).

Therefore, a preponderance of the analysis will involve a comparison between the CSTL tasks and the February 2013 AFUTL and Core-Unit METL document in an effort to highlight which DSCA related tasks can be supported by Air Force civil engineers.

Furthermore, since the AFUTL and Core-Unit METL is a list of specific tasks that supplement, and maintains the same taxonomy of, the *Universal Joint Task List* (UJTL), the UJTL too shall be used in conjunction with the AFUTL when conducting the analysis.

Another key document is the DoD's September 2007 Joint Publication 3-28 *Civil Support* and Joint Publication 3-34 *Joint Engineer Operations*. These publications provide overarching guidelines and principles to assist commanders and their staffs in planning and conducting joint civil support operations and military engineering considerations. These documents contain many topics relevant to a commander such as the civil support operational framework, the Request for Assistance (RFA) process, domestic incident management response operations and considerations, civil support planning considerations, and military engineering capabilities.

Another key DoD produced document that provides specific guidance with respect to DSCA is ATP 3-28.1 Multi-Service Tactics, Techniques, and Procedures for Defense Support of Civil Authorities and Integrating with National Guard Civil Support. This document sets forth Multi-Service Tactics, Techniques, and Procedures (MTTPs) at the tactical level to assist the military planner, commander, and individual Service forces in the employment of military resources in response to domestic emergencies such as natural and/or man-made disasters, domestic special events of national importance, and/or support to law enforcement; all in accordance with US law. It focuses on planning, preparation, execution, and assessment of DSCA operations conducted within the US and its territories. Other important DoD documents include the 2010 Chairman of the Joint Chiefs of Staff DSCA Standing Execution Order (EXORD), the 2011 CJTF-CS OPLAN 3500-11, and the 2008 USNORTHCOM CONPLAN 3501-08.

Furthermore, there are several civil engineer Air Force Instructions (AFIs) and Air Force Pamphlets (AFPAMs) that apply to contingency response and disaster planning, preparations, and recovery which can be relevant to the DSCA community. For example, AFI 10-211 Civil Engineer Contingency Response Planning helps Air Force civil engineers plan initial responses to enemy actions, major accidents, natural disasters, civil disorders and other contingencies. AFPAM 10-219 Volume 1 Contingency and Disaster Planning discusses contingencies for which civil engineers must be prepared, contains practical information to help unit-level civil engineers plan their responses to contingencies, disasters, war, and other military operations; how to identify requirements and get resources; how to organize civil engineer response teams, and how to train and exercise those teams. AFPAM 10-219 Volume 2 Civil Engineer Disaster and Attack *Preparations* provides civil engineers with the background and actions necessary to save lives and reduce facility damage resulting from accidents, disasters, terrorism, and war. Lastly, AFPAM 10-219 Volume 3 Civil Engineer Disaster and Attack Recovery *Procedures* describes procedures for a rapid transition from routine, day-to-day operations to an emergency response posture and tells how work is accomplished to ensure recovery and continued operation of the installation during and after crisis.

Also, it will be later demonstrated how the Mission Capability (MISCAP) statements of each of the Air Force civil engineer personnel and equipment Unit Type Codes (UTCs), will serve as critical data when correlating which Air Force civil engineer capabilities can potentially support civil support requests.

In addition, the Government Accounting Office (GAO) offers a plethora of studies that addresses the need for the DoD to improve its procedures for DSCA. One of these studies includes the GAO-13-763 Civil Support: Actions Are Needed to Improve DoD's Planning for a Complex Catastrophe. A key point addressed in this study is how USNORTHCOM, under direction by the Joint Staff, shall identify DoD forces and capabilities for responding to a complex catastrophe within their civil support plans. However, USNORTHCOM officials indicated that the command will not identify DoD capabilities that could be provided to civil authorities during a complex catastrophe until FEMA completes its regional planning efforts (Government Accounting Office 2013, 11). The purpose of FEMA's regional plans is intended to inform DoD of the local and state-level capabilities available for responding to a complex catastrophe in each FEMA region, thereby identifying any capability gaps that might ultimately have to be accomplished by DoD or another federal agency (Government Accounting Office 2013, 12). Therefore, in the interim, this analysis shall conduct an assessment of which Air Force civil engineer capabilities may be utilized in support of civil authorities through a different approach. Instead of identifying the local and state capability gaps identified by FEMA's regional plans, this analysis will utilize the CSTL and identify which civil support tasks Air Force civil engineers may have the capabilities to support.

Another GAO report of significance is GAO-10-386 *Homeland Defense: DOD Can Enhance Efforts to Identify Capabilities to Support Civil Authorities during Disasters.* According to this report, several DoD officials stated that one of the biggest challenges in providing defense support of civil authorities is that civil authorities have not yet defined the capability requirements that DoD might be requested to provide in the event of a disaster (Government Accounting Office 2010, 21). However, these tasks that may be required from any agency to prevent, protect, mitigate, respond, and recover from disasters is addressed in the 2011 National Preparedness Goal, the 2007 Target Capabilities List, and the Crosswalk of Target Capabilities to Core Capabilities. Therefore, this study will identify which Air Force civil engineer capabilities can execute potential civil support tasks instead of waiting for civil authorities to define what capabilities they may require from the DoD in the event of a disaster, as mentioned above.

Furthermore, there are several DHS and FEMA After-Action-Reports (AARs) such the *Hurricane Sandy AAR* and the 2011 National Level Exercise AAR that have contributed significantly to this study. Some key points highlighted by the AARs included the importance of mission assignments to the DoD and how they were vital to the Hurricane Sandy response and recovery efforts (Federal Emergency Management Agency 2013, 11). While there were strengths identified during the 2011 National Level Exercise such as execution of the ESF #3 Debris Planning and Response Team prescripted mission assignments, an area for improvement that was identified was the lack of qualified personnel to conduct facility and infrastructure assessments. The associated AAR indicates that state and local assessment personnel will be in short supply following a catastrophic earthquake. This lack of prompt assessments will compound the size and complexity of a situation and was identified as one of the most serious and prevalent gaps (Department of Homeland Security 2011, 39).

And lastly, due to the significant contributions and flexibility that the Air National Guard contributes to during Domestic Operations (DOMOPS) and wartime, the ANG published a *Joint Staff Guidebook* which gives planners a resource that can be routinely referenced to help the Services understand the capabilities and organizational structure of Air National Guard civil engineer assets.

In summary, there are several documents that recognize the capabilities that the DoD possesses and its ability to support DSCA when requested. There are also several DoD publications that address what general military engineer capabilities the DoD possesses and specifically, the roles of Air Force civil engineers for contingencies and disasters. Furthermore, there are many documents that address what types of tasks civilian agencies such as FEMA may require during a natural and/or man-made disaster. However, while there have been many examples of Air Force civil engineers supporting DSCA in the past, this study thus far, has not found a document that comprehensively matches the potential civil support tasks to the full range of Air Force civil engineer capabilities.

CHAPTER 3

METHODOLOGY

Analysis through Established Frameworks

The principle analysis for this study will consist primarily of a contrast and comparison between FEMA's 2007 *Target Capability List* (TCL) and the February 2013 version of the *Air Force Unit Task List* (AFUTL). According to the TCL, users should refer to it to assess capabilities and identify needs required for an all-hazards scenario. However, the TCL is a 588-page document that uses terminology that may not translate well to the military community. Therefore, the lynchpin to the contrast and comparison between the TCL and the various Services' Unit Task Lists is the *Civil Support Task List* (CSTL). The CSTL is critical as part of this study as it provides the bridge between the requestors (civil authorities) and the providers (DoD) (see figure 30) (NGB/J3/5 2011, 10). In other words, it matches the DoD's warfighting capabilities to civil support requirements by identifying required tasks in common language and matching said tasks to a capability reflected in the *Universal Joint Task List* (UJTL) and/or respective Service task list. Simply put, the CSTL translated the requirements identified by the Target Capabilities List into 165 tasks categorized by Emergency Support Function (ESF).



Figure 30. The CSTL Bridge

Source: Generated by author.

As mentioned previously, this compare and contrast effort will be significant to the Air Force civil engineer community and USNORTHCOM when supporting DSCA because the CSTL utilized the unit task lists for each of the Services that were available in 2009. Unfortunately, the AFUTL was not fully developed in 2009, so there are many civil support tasks that can potentially be provided by Air Force civil engineers but are not reflected accurately in the CSTL.

Analysis through Mission Capabilities (MISCAPs) and Unit Type Codes (UTCs)

A force package is a predefined standardized grouping of manpower and/or equipment to provide a specific wartime capability. The term force package is usually used interchangeably with a Unit Type Code (UTC). Air Force civil engineer UTCs possess five digits, the first two designated by a "4F". Each UTC is normally accompanied with a Mission Capability (MISCAP). The MISCAP statement is a short paragraph, which describes significant employment information. Generally, a MISCAP contains a brief explanation of mission capabilities, statement concerning the types of bases to which the unit can be deployed (e.g. bare base, collocated operating base, main operating base, etc.), list of the major functional areas included in the force element, response capability, and other UTCs that may be utilized in conjunction. That said, the "4F" UTCs will be analyzed to determine if their capabilities can be matched to civil support requirements. The Air Force civil engineer UTCs and their associated MISCAPs can be found in Appendix C.

Analysis through AFIs and AFPAMs

In addition to the frameworks provided by the combination of the TCL, the Universal Joint Task List (UJTL) and/or AFUTL, and the CSTL which provides the bridge between the two, a series of established Air Force Instructions (AFIs) and Air Force Pamphlets (AFPAMs) will be utilized. The specific AFIs and AFPAMs include the following: AFI 10-211 Civil Engineer Contingency Response Training, AFPAM 10-219 Volume 1 Contingency and Disaster Planning, AFPAM 10-219 Volume 2 Civil Engineer Disaster and Attack Preparations, and AFPAM 10-219 Volume 3 Civil Engineer Disaster and Attack Recovery Procedures. These AFIs and AFPAMs are important as they help reinforce the civil engineer doctrine and fundamentals inherent not only in wartime disasters, but for situations that can also be applicable to peacetime disasters. For example, the Emergency Operations Center (EOC), which is the command and control element that directs, monitors, and facilitates an installation's actions before, during, and after an incident, utilizes the same 15 Emergency Support Functions (ESFs) that is inherent in the National Response Framework (NRF) and National Incident Management System (NIMS). Another example that highlights how Air Force civil engineers possess

skill sets that can be applied within the installation perimeter and outside the installation perimeter is illustrated in table 4.2 of AFI 10-219 Volume 1 *Contingency and Disaster Planning*. The table illustrates that Air Force civil engineers have the ability to form teams that can respond to natural disasters and man-made disasters such as terrorist attacks. In short, these AFIs and AFPAMs possess verbiage that reinforces the notion that Air Force civil engineers possess capabilities that can be utilized for both peacetime and wartime contingencies.

Analysis through After-Action-Reports (AARs) and Historical Precedence

Lastly, this thesis shall review the problems and lessons learned from several previous natural disasters such as Hurricane Sandy and hypothetical natural disasters such as the 2011 National Level Exercise scenario. Furthermore, other AARs will be referenced to illustrate how civil engineers were critical to the response phase of a disaster.

In addition to the AARs, the Air Force civil engineer community has published Expeditionary Engineering newsletters that highlight some major missions and tasks that Air Force civil engineers have executed nation-wide in support of DSCA. These highlights point out some of the more recent civil support tasks that have been supported by Air Force civil engineers such as those relief efforts supported in the aftermath of Hurricane Sandy in 2012. These included the efforts of 823rd RED HORSE Squadron (RHS) from Hurlburt Field, FL to drain and clean the tanks of the Rockaway Wastewater Treatment Plant on Rockaway Island, NY as a result of the excess debris and silt caused by the hurricane. Other civil support efforts accomplished by Air Force civil engineers included those of the 366th Civil Engineer Squadron (CES) from Mountain Home Air Force Base (AFB), ID to pump and drain local parking lots and driveways in Queens Borough, NY; and the efforts of the 633rd CES from Joint Base Langley-Eustis, VA to drain a basement parking garage and isolate and repair a water main break in Brooklyn, NY (Air Force Civil Engineer Center 2012, 1). Other examples include the Hurricane Sandy recovery efforts of members from 130th CES of the West Virginia Air National Guard to restore a boiler that provided heat and water to 23 buildings and its associated occupants (Air Force Civil Engineer Center 2013, 7).

CHAPTER 4

ANALYSIS AND DATA FINDINGS

The research methodology of this study uses the same methodology of the Civil Support Task List (CSTL) by attempting to "crosswalk" the civil support task to each of the Service's capabilities via a correlation between the civil support description to each of the Service's task list (e.g. the Army's Universal Task List, the Navy's Universal Naval Task List, the Marine Corps' Task List, and the Air Force's Task List). However, this study also introduces and utilizes a prototype methodology to provide more fidelity and current, up-to-date correlations between civil support tasks and Air Force civil engineer capabilities. Specifically, the prototype methodology involves the steps beyond the CSTL "crosswalks" and incorporates a feasibility check of the crosswalks between the CSTL task and the AFTL task, then a feasibility check of the crosswalks between the CSTL task and the UJTL task, then an implied match by correlating the civil support task description with Air Force civil engineer Mission Capability (MISCAP) statements, followed by a preliminary match assessment, then concluding with a final assessment. Because this may be the first time that this methodology has been used, the following sections will explain the details of each step.

Methodology

As mentioned previously, the lynchpin for this analysis relies heavily on the Civil Support Task List (CSTL) because it provides a common language between requestors (i.e. civil authorities) and providers (i.e. DoD) during DSCA missions. The format of each task within the CSTL includes the task description, associated conditions, standards,

capacities and the crosswalk to its associated Universal Joint Task List (UJTL) task and each of the Services task lists (e.g. the Army Universal Task List, the Marine Corps Task List, the Universal Naval Task List, and the Air Force Task List) as of 2009. The tasks within the UJTL may even have a crosswalk to other related documents such as Joint Publications, FEMA, and DHS documents. table 8 illustrates an example of a task within the CSTL and its standard format.

Table 8. Example Task from CSTL

CS 1.1.8. Provide Ground Transportation of Human Remains

DESCRIPTION: Provide Ground Transportation of Human Remains. This capability includes the planning, coordinating, and supervising movement from a single point in a single movement from a single point in a single movement over improved, semi-improved, or unimproved roads and highways, tracking and reporting on equipment moved, and securing additional supplies and support such as maintenance and fuel. Note: This capability does not include medical evacuation of injured, medical, and nonambulatory patients.

CONDITIONS:

- 1. Under direction and supervision of proper civilian authority.
- 2. Where access to improved, unimproved roads and highways are available and unhindered.
- External factors such as contaminations, extreme weather, etc., can degrade service.

STANDARDS:

- a. Depart home station within 24 hours of notification.
- b. Operational within 6 hours of arrival at assigned location.
- c. 24 hour sustained operations.
 d. Self-Sustainable for minimum of 72 hours.
- e. Appropriate level of training, licensing, certifications, and qualifications for organizational
- personnel. f. Vehicles assigned to this task should be dedicated exclusively for the duration of the mission tasking.
- g. Appropriate Personal Protective Equipment (PPE) and protective materials for personnel and vehicles in direct contact with human remains.
- h. Vehicles used for this task should have an enclosed cargo space which is readily accessible, and easily cleaned.

CAPACITIES:

- 1.1.7.1 Transport 200 human remains. 35 MPH transit speed.
- 1.1.7.2 Transport 100 human remains. 35 MPH transit speed.
- 1.1.7.3 Transport 50 human remains. 35 MPH transit speed.
- 1.1.7.4 Transport 20 human remains. 35 MPH transit speed.

CROSSWALK TO	RELATED TASKS:
DOCUMENT	CHAPTER, PARAGRAPH, SECTION, KEY WORDING, RELATED TASKS, ETC.
UJTL (On Line)	SN 9.4.4 Coordinate Disposition of Contaminated Human Remains: To coordinate the disposition (including movement) of contaminated human remains, including the coordination of the chain of actions from collection until disposition action. (CJCSI 3110.16A, JP 3-11, JP 3-28, JP 3-40, JP 3-41, JP 4-06) Note: This task provides policies and standards addressing the safety of handling personnel, protection of resources, and the marking and containment of remains. It encompasses coordination and policies for transport of contaminated remains, including coordination with enroute and receiving authorities. Includes adhering to strict protocols established in a joint publication for handling contaminated human remains.
AUTL (2009)	ART 4.1.4.1 Conduct Mortuary Affairs: Provide for the care and disposition of deceased personnel. ART 4.1.4.1 includes search and recovery, collection, decontamination (if necessary), evacuation, establishment of tentative identification, and temporary burial. Mortuary affairs support also includes the inventory, safeguard, and evacuation of personal effects of deceased personnel. (FM 4-20.64) (CASCOM).
AFTL (2009)	None Identified
UNTL (2009)	NTA 4.4.1.5 Execute Casualty Assistance Calls Program: To make personal notification of a casualty, provide circumstances of an incident, and keep the next of kin (NOK) informed of search efforts on those members reported in a missing status. To inquire of the needs of the family and extend assistance. To perform administrative tasks in support of a casualty including contacting the Navy-Marine Corps Relief Society. American Red Cross or other service organizations, assist in arrangement of funeral or memorial services, and offer assistance in completion of survivor benefits applications. Also includes assisting in transportation requirements, dependent escort, and monitoring shipment progress of household goods and personal effects. (JP 1-05, NDP 4, NAVPERS 15560, OPNAVINST 1770.1)
MCTL (2009)	MCT 4.6.1.8 Provide Mortuary Affairs Services: Plan and coordinate casualty operations (recovery, identification and evacuation of deceased and personal effects) and mortuary affairs operations. Coordinate and manage technical services and supplies incident to temporary burial of the dead in the area of conflict during major military operations that might preclude immediate evacuation. This activity is normally accomplished through the MLC (if established), MAGTF FSSG and the Sub-Area Graves Registration Office that recommends and executes internment options. (JP 4-0, 4-06, MCWP 4-1, 4-11, 4-11.8, NDP 4, NWP 4-09 Series, NAVPERS 15560)

Source: NGB/J3/5, Civil Support Task List Coordinating Draft as of 15 May 2011 (Washington, DC: NGB/J3/5, 2011).

Although the CSTL is the critical bridge, there is further analysis that must transpire in order to correlate civil support tasks with Air Force civil engineer capabilities that could potentially be provided for DSCA missions. For example, there may be situations when an Air Force civil engineer capability can be directly matched to a 2009 Air Force Task List (AFTL) task. However, there may be other situations when an Air Force civil engineer capability must be indirectly matched to a civil support task through its respective Universal Joint Task List (UJTL) task or must be correlated through implied interpretations between the CSTL task description and the Air Force civil engineer Unit Type Code (UTC) Mission Capability (MISCAP) statements. Therefore, the analysis will require three levels of investigation: Tier 1, Tier 2, and a Tier 3 level. Then, a preliminary assessment roll-up and a final assessment roll-up will be made predicated on the results of the Tier 1, Tier 2, and Tier 3 results. Further details for each of the steps shall be provided below, however, see figure 31 which illustrates the analysis methodology.



Figure 31. Capability Assessment Flow Chart

Source: Generated by author.

Step 1: Tier 1 (Direct Match) Analysis

Tier 1 analysis is the most direct form of matching civil support requirements to Air Force civil engineer capability. For the purpose of this thesis, tier 1 matches occur when there is a direct match between the AFTL task and the Air Force civil engineer unit's AFUTL and/or Mission Essential Task List (METL) for the CSTL task. The Air Force civil engineer AFUTLs/METLs can be found in Appendix B. For example, according to the CSTL, there is a direct match between CSTL task 10.2.1 *Provide Explosive Ordnance Disposal (EOD) Support* to the capabilities of the Air Force Prime BEEF Squadrons. Table 9 illustrates the CSTL task 10.2.1 crosswalk and table 10 illustrates the METL from a Prime BEEF Squadron. Note the direct match for task AFTA 4.5 *Perform Explosive Ordnance Disposal*.

 Table 9.
 CS 10.2.1 Provide Explosive Ordnance Disposal (EOD) Crosswalk

CROSSWALK TO F	RELATED DOCUMENTS:
DOCUMENT	Chapter, Paragraph, Section, Key Wording, Related Tasks, Etc.
UJTL (On line)	(U) TA 6.1 Provide Explosives Ordnance Disposal (EOD) Support To provide EOD support to the U.S. Secret Service, the Department of State, and the Department of Defense for the protection of the President and other designated high-risk personnel. (AFTTP(II)3-2.32, AR 75-14, FM 1-0, FM 1-05, FM 12-6, FM 3- 19.12, FM 3-19.17, FM 3-21.5, FM 4-30.16, JP 3-26, JP 3-27, JP 3-28, MCRP 3- 17.2C, NTTP 3-02.5)
AUTL (2009)	ART 6.12.8.5 Provide Explosive Ordnance Disposal Support To Civil Authorities: 6-203. Provide assistance to include training to public safety and law enforcement agencies to address improvised explosive devices (IEDs). Provide explosive ordnance disposal (EOD) service when requested by local, state, or federal authorities in the interest of public safety. ART 6.12.8.5 includes assisting law enforcement personnel with war souvenir collection campaigns and the disposition of the explosive ordnance collected. (FM 3-34.214) (CASCOM)
AFTL (2009)	AFTA 4.5 Perform Explosive Ordinance Disposal: Neutralize domestic or foreign conventional, nuclear, chemical, and biological munitions, and improvised devices that present a threat to military operations and military and civilian facilities, material, and personnel, regardless of location. The Departments of Justice, State, and Energy may receive this support in accordance with current agreements and directives. This also includes conduction bomb and sabotage device recognition and safety precaution training.
UNTL (2009)	NTA 6.1.1.2 Remove Hazards: To eliminate the presence of hazards to equipment and personnel. This task includes hazardous material removal, decontamination, and explosive ordnance disposal. (JP 3-0, 3-02, 3-07, 3-11, 3-15, NDP 1, NWP 3 Series)
MCTL (2009)	MCT 4.4.5. Conduct Explosive Ordnance Disposal: The explosive ordnance disposal (EOD) support to the MAGTF is conducted by the support engineer and wing engineer units (i.e., MSSG, ESB (in the FSSG), and Marine Wing Support Squadron (MWSS)). These operations include clearing ordnance, rendering ordnance and unexploded ordnance (UXO) safe, identifying, collecting, and evaluating and exploiting foreign ordnance.
TCL	Explosive Device Response Operations (RESPOND) Explosive Device Response Operations is the capability to coordinate, direct, and conduct improvised explosive device (IED) response after initial alert and notification. Coordinate intelligence fusion and analysis, information collection, and threat recognition, assess the situation and conduct appropriate Render Safe Procedures (RSP). Conduct searches for additional devices and coordinate overall efforts to mitigate chemical, biological, radiological, nuclear, and explosive (CBRNE) threat to the incident site.
FEMA 120	Bomb Squad / Explosives Team

Source: NGB/J3/5, Civil Support Task List Coordinating Draft as of 15 May 2011 (Washington, DC: NGB/J3/5, 2011).

 Table 10.
 Prime BEEF METL AFTA 4.5 Perform Explosive Ordnance Disposal (EOD)

			DET	FAILS			
Task	AFTA 4.5	Title	Perform Explosi	ve Ordnanc	e Disposal		
Number					a da da ara	r 170 - 100 - 11	
Task	Neutralize o	domestic	or foreign conver	tional, nucle	ear, chemical, and l	biological munitions,	
Description	and improv	ised exp	losive devices (IEI	Ds) that pre-	sent a threat to mili	tary operations and	
	Department	ts of Jus	tice State and Fr	and person	eceive this support	in accordance with	
	Peparanen			and a start of the			
	sabotage d	eements evice rec	and directives. S cognition and othe	r explosive-	related safety train	training on bomb and ing.	
			CONE	ITIONS			
Condition Number	C 2.1.1	Title	Mission Instructions	Descriptio	n		
Condition	Clear (addresses likely issues and Clarity of instructions, directives, policy guidance					ves, policy guidance	
Descriptors	hedges, lea	wes little	or no ambiguity	(including	end state), strategi	es, or status of forces	
	as to intent	, and allo	ows freedom of	agreemen	ts, below the Presi	dential and/or	
	Minimal /fe	w in pure	ther leaves	Secretary	of Defense level.		
	most decisi	ons to th	e on-scene				
	commande	r)					
Condition	C 2.2.3	Title	Forces	Descriptio	n		
Number			Allocated	-			
Condition	Adequate (meets pi	an)	The exten	t to which forces ar	e distributed to a	
Descriptors				mission	er for accomprishin	ent of assigned	
Condition	C 2.2.4	Title	Personnel	Descriptio	n		
Number			Capability				
Condition	High (fully t	rained a	nd equipped)	The extent to which personnel are capable of			
Descriptors				performing assigned tasks.			
Condition	C 2.2.5.3	Title	Military	Descriptio	n		
Number			Reliability				
Condition	High (few b	reakdow	ins and those	The qualit	ies of reliability, ma	intainability, and	
Descriptors	fixed without	t major	effort)	sustainabi	ility built into militar	y systems.	
			STAN	DARDS			
	1	MEASUF	RE		SCALE	CRITERION	
M2 Of pers	sonnel trained	and equ	uipped to support		Percent	>= 90	
aerospace sy	stems gener	ation and	d launch/recovery				
M3 Of pers	onnel trained	and equ	upped to neutraliz	es e/mitigate	Percent	>= 90	
IEDs		and eq.	appeare income	arrine gene	· ····		
M4 Of pers	onnel trained	and equ	uipped to provide i	initial site	Percent	>= 90	
stabilization a	and technical	support	to Weapons of Ma	355			
destruction ()	NMD)		in a dia a second	Nuclear	Descent	2 - 00	
Mo Of pers	idents incider	and equate	upped to support	Nuclear	Percent	>= 90	
M6 Of pers	sonnel trained	and equ	upped to recover		Percent	>= 90	
conventional	unexploded	ordnance	2				
M7 Of pers	sonnel trained	and equ	uipped to clear op	erational	Percent	>= 90	
training and t	est bombing	ranges o	of explosives haza	rds			
M8 Of pers	sonnel trained	and equ	upped to remove	ordnance	Percent	>= 90	
M0 - Of perf	pedded in cas	suarties	inned to Assist fo	here levels	Percent	>= 00	
civil authoritie	es with terrori	st or oth	er criminal acts. a	ccidents.	reivein		
found explos	ives, or other	related :	support	100,000 D		1.574	
M10 Of per	rsonnel traine	d and ed	quipped to train U	SAF	Percent	>= 90	
personnel on	recognition a	and resp	onse actions to ex	plosive			
nazaros							

Source: Hq USAF/A30-IR, Air Force Universal Task List (AFUTL) and Core-Unit Mission Essential Task Lists (METLs) (Washington, DC: Hq USAF, February 2013).

Despite the direct matches, caution must be taken to ensure that the matches are

feasible. In essence, a feasibility check must be incorporated to ensure that the unit has

the capability to accomplish the CSTL task. For example, Civil Engineer Prime BEEF Squadrons possess organic fire fighting capabilities. In addition, there are direct matches according to the CSTL for all the sub-tasks for ESF 4 Firefighting (see figure 32). However, despite the direct matches, it is not feasible for the Civil Engineer Prime BEEF squadrons to support CS 4.2.1 Provide Helicopter Firefighting Operations, CS 4.2.2 Provide Modular Airborne Fire Fighting System (MAFFS) Operations, and CS 4.2.3 *Provide Fixed Wing Operations – Modular Airborne Fire Fighting System (MAFFS)* because Civil Engineer Prime BEEF squadrons do not possess rotary-wing nor fixedwing aircraft, nor are they trained to the required standards. Other examples that require feasibility checks would include CS 4.1.1 Provide Wildland Ground Firefighting Hand Crew, CS 4.1.4 Provide Firefighting Dozer Support (Single Resource), CS 4.1.5 Provide Firefighting Dozer Strike Team, and CS 4.3.1 Provide Maritime Firefighting Services. These civil support tasks may not be typical training objectives within Civil Engineer Prime BEEF squadrons, however, it may be "semi-feasible" to be supported by Prime BEEF squadrons based on historical precedence or the ability to meet some of the parameters of the civil support task.

			TIER 1: DIRECT MATCH		
TASK #	TITLE	DESCRIPTION	AFTL (2009)	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match	
	Provide Wildland Ground Firefighting Hand	Provide wildland firefighting hand crew. This capability includes hot spot mop- up to prevent re-ignition, fireline construction, and maintaining accountability and situational reporting as required. Note: This capability may not include seasonal experience or leadership qualifications in accordance with National			
4.1.1	Crew	Standards.	AFOP 4.6.2.1	PB (S, M, and L)	
	Provide Firefighting Teams	Provide Firefighting Teams w/Equipment. This capability includes fire engine team for wildland or urban fire suppression to protect structures or wildland within the fire area and prevent fires from crossing established firelines, hot spot mop up capabilities to prevent re-ignition, and maintaining accountability			
4.1.2	w/Equipment	and situational reporting as required.	AFOP 4.6.2.1	PB (S, M, and L)	
	Provide Engine	Provide engine strike team. This capability includes fire suppression to protect structures or wildland within the fire area and prevent fires from crossing established firelines, hot spot mop-up to prevent re-ignition, and maintaining accountability and situational reporting as required. Note: A Strike Team consists of 5 engines of the same type and capacity, and a			
4.1.3	Strike Team	command unit.	AFOP 4.6.2.1	PB (S, M, and L)	
	Provide Firefighting Dozer Support (Single	Provide firefighting dozer support (single resource). This capability includes fire suppression to protect structures or wildland within the fire area and prevent fires from crossing established firelines removing all combustible material and creating a barrier between the fire and areas of wilnerability, clearing existing firelines, providing support to fireline hand crews, and			
4.1.4	Resource)	maintaining accountability and situational reporting as required.	AFOP 4.6.2.1	PB (S, M, and L)	
	Provide Firefighting Dozer	established for wildland within the fire area and prevent fires from crossing established firelines, removing all combustible material and creating a barrier between the fire and areas of vulnerability, clearing existing firelines, providing support to fireline hand crews, and maintaining accountability and situational reporting as required. Note: Dozer strike team consist of 2 dozers, 2 dozer transporter vehicles(usually low boy), 2 operators, 2 ground guides, strike			
4.1.5	Strike Team	team leader, leader vehicle with driver.	AFOP 4.6.2.1	PB (S, M, and L)	
446	Provide Airfield firefighting/Crash	Includes rescuing crews from downed aircraft and suppress aircraft free while maintaining accountability and situational reporting as required. Note: Crew consist of at least 3 Personnel, Tank minimum capacity (Gal) 500, Pump minimum flow (GPM) 150 @ 250 PSI, Hose 2 ½ inch double jacket 300 Feet, Hose 1 ½ or 1 ½ inch double jacket 500 Feet, 1 Intake 2 ½ inch, Ladder 14 feet. Cohe rounded careft lights 2.	AEOR 46 2.1	DR /C M and L	
4.1.0	Provide Aerial	Provide Fire Truck with Aerial Ladder or Platform truck. This capability includes urban fire suppression to protect structures within the fire area and orward fires from spreading to expressed areas effortion fire from an aerial	AFOF 4.0.2.1	F B (S, W, and L)	
	Ladder or	ladder or platform and or performing rescue operations, while maintaining			
4.1.7	Platform Truck	accountability and situational reporting as required.	AFOP 4.6.2.1	PB (S, M, and L)	
4.1.8	Provide Water Tender	Provide water tender. This capability includes water tender to support firefighting operations.	AFOP 4.6.2.1	PB (S, M, and L)	
4.1.9	Provide Foam Tender	Provide foam tender to support mainly airfield firefighting operations.	AFOP 4.6.2.1	PB (S. M. and L)	
421	Provide Helicopter Firefighting Operations	Provide helicopter firefighting operations. This capability includes deploying fire extinguishing agents. It also includes fire line support and containment, and hot spot mop-up in fire areas, and maintaining accountability and situational reporting as required.	AFOP 4 6 2 1	PB (S. M. and I)	
422	Provide Modular Airborne Fire Fighting System (MAFFS) Operations	Provide MAFFS Operations. This capability includes one or both types of airborne retardant/water drop MAFFS systems. MAFFS 1 is a pressurized 3000 gallon tank system aboard an aircraft able to drop retardant or water at a rate of under five seconds, covering one quarter of a mile long and 60 feet wide lay down to act as a fire barrier. MAFFS 2 is a fully self-contained system capable of mixing retardant in-flight, drops fire-retardant chemicals used in fighting forest fires, and employs an on-board compressor system replacing the ground support equipment requirements of the original MAFFS 1. Aircraft can fly in non-optimum weather, takeoff and land on short field nurways, and fly at extremely low altitudes to ensure maximum retardant application to the target area. A support aircraft will typically accompany the C-130 cnextfined arcraft.	AEOR 4624	DB (S. March	
4.2.3	Provide Fixed Wing Operations - Modular Airborne Fire Fighting System (MAFFS)	Provide fixed wing operations - modular airborne fire fighting system (MAFFS). This capability includes modular airborne firefighting system (MAFFS). C-130 aircraft to dispense water or retardant at very low altitudes. Note: Uses air tanker, type 1, able to dispense up to 3000 gallons of retardant or water. MAFFS must be coordinated and approved by USFS, can be loaded at approved air tanker base, drops in conjunction with MAFFS lead pilots and aircraft systems, and operations conducted in accordance with USFS MAFES Operating Plan.	AFOP 4.6.2.1	PB (S. M. and L)	
4.3.1	Provide Maritime Firefighting Services	Provide Maritime Firefighting. This capability includes firefighting on vessels, in littoral waters, inland waters, or onshore facilities near the water. Support is for the minimum time necessary to provide for the search and rescue of personnel and critical materials aboard the distressed vessel/facility/hazard. This capability does not include use of airborne assets or use of search and rescue teams.	AFOP 4.6.2.1	PB (S, M, and L)	

Figure 32. ESF 4 Tier 1 (Direct Match) Example *Source*: Generated by author.

Step 2: Tier 2 (Indirect Match) Analysis

Tier 2 analysis is an indirect form of matching civil support requirements to Air Force civil engineer capabilities. For the purpose of this thesis, tier 2 matches occur when there is an indirect match between the CSTL task and the Air Force civil engineer unit's AFUTL and/or Mission Essential Task List (METL) for the CSTL task through the Universal Joint Task List (UJTL) task. In these cases, an AFTL task is not referenced in the crosswalk. However, a UJTL task is referenced and is matched by a Civil Engineer unit's METL. For example, CS 3.2.8 Provide Route Clearance is clearly a capability that both Prime BEEF Squadrons and RED HORSE Squadrons have the capability to support (see Appendix B). However, the associated CSTL task crosswalk does not reference an associated AFTL task, but does reference an associated UJTL task. Said UJTL task is a task that is referenced to a Civil Engineer unit's METL (see table 11), thus, an "indirect" match is made. Note the "indirect" link between the CS 3.2.8 crosswalk and the Prime BEEF unit's METL through UJTL OP 4.6.2 *Provide Civil-Military Engineering* (see table 12).

Table 11. CS 3.2.8 Provide Route Clearance CSTL Crosswalk

CS 3.2.8. Provide Route Clearance

DESCRIPTION: Provide route clearance. This capability includes route clearance for roads and traffic ways to facilitate emergency access.

CONDITION(S):

- Under the direction of proper civilian authority.
 Can be used in most conditions.
- 3. External factors such as contamination, extreme weather, accessibility, etc., can degrade service.

STANDARD(S):

- a. Depart home station within 24 hours of notification.
- b. Operational within 4 hours of arrival at assigned location.
 c. 24 hour sustained operations.
 d. Self-sustainable for a minimum of 72 hours.

- e. Appropriate training, licensing, certifications, and qualifications for organizational personnel.

CAPACITIES:

3.2.8.1 Clear debris requiring heavy construction equipment for 2 lane accessibility multiple locations.

3.2.8.2 Clear debris requiring heavy construction equipment for single lane accessibility single locations.

3.2.8.3 Clear light debris, i.e. vegetation using hand crews for 2 lane accessibility multiple locations. 3.2.8.4 Clear light debris, i.e. vegetation using hand crews for single lane accessibility single locations.

CROSSWALK TO	RELATED TASKS:
DOCUMENTS	CHAPTER, PARAGRAPH, SECTION, KEY WORDING, RELATED TASKS, ETC.
UJTL (On line)	OP 4.6.2 Provide Civil-Military Engineering: To dismantle fortifications and to
	construct and maintain facilities and communications networks that give physical
	building/maintaining forward staging bases: restoring rear to include sustainment
	infrastructure, such as repair of water supply and sewage treatment structures; area,
	sustaining LOC; supporting construction; and acquiring or producing construction
	material. Environmental protection and restoration will be accomplished in
	accordance with DOD environmental policy, SOFAs, international treaties, and other
	binding guidance to which the US Government is a party. (JP 3-10.1, 4-0, 4-01.7, 4-
AUTI (2009)	ART 1 6 1 2 Conduct Clearing Operations: Clearing operations (area or route
	clearance) are conducted to enable the use of a designated area or route. Clearing
	is the total elimination or neutralization of an obstacle (to include explosives hazard)
	or portions of an obstacle. Clearing operations are typically not conducted under fire
	and may be performed after a breaching operation where an obstacle is a hazard or
	Clearance) focuses on obstacle clearance of a designated area and is typically not a
	combined arms operation. ART 1.6.1.2.2 (Conduct Route Clearance) focuses on
	obstacle clearance along a specific route, typically conducted as a combined arms
	operation, and may be performed in situations where enemy contact is likely. (FM 3-
	90.12) (USAES).
	ART 7.4.1.1 Provide Disaster Relief: Disaster relief restores or recreates essential
	conditions, less security measures, necessary to protect relief workers and the
	affected population. (Overseas, Army forces may provide security as part of a
	stability operation.) Disaster relief allows effective humanitarian relief and creates the
	conditions for long-term recovery. It may involve consultation on and provision of
	emergency medical treatment and evacuation; repairing or demolishing damaged
	structures; restoring or building bridges, roads, and arrields; and removing debris from supply routes and relief sites. (EM 3.07) (USACAC)
AFTL (2009)	None Identified
UNTL (2009)	None Identified
MCTL (2009)	MCT 4.4 Conduct General Engineering Operations: To conduct general
	engineering operations, repairing and construction of facilities, and to provide water,
	utilities, and other related infrastructure. To review OPLANs, combat and civil
	development advance base functional components (ABEC) and manage the
	wartime construction program. Plan and support bulk liquid (fuel and water)
	construction and operation requirements. Oversee the expeditionary airfield (EAF)
	plans and operations. Source and allocate EAF material and support. Dismantle
	fortifications and to construct and maintain facilities and communications
	erect predesigned structures. Construct expeditionary CSS facilities and cantonment
	areas. This activity includes the following: building/maintaining forward staging
	bases, restoring rear area, sustaining LOC, supporting construction, and acquiring or
	producing construction material. (JP 3-0, 3-02, 3-10, 4-0, 4-01.5, 4-01.6, 4-04, 5-
EEMA 420	00.2, MCWP 3-17, NDP 4, NWP 4-04, 4-04.1)
FEMA 120	Disaster Assessment Team. Governed by type and magnitude of the disaster, the
	structure of the team consists of people most knowledgeable about the collection or
	material inventory of the disaster site, and assessing the magnitude and extent of
	disaster assessment techniques, team members are multidisciplinary and can
	include health personnel, engineering specialists, logisticians, environmental
	experts, and communications specialists. Responsibilities include recording
	observations and decisions made by the team, photographing and recording disaster
	site damage, and investigating where damage exists. Leams also analyze the
	establish initial priorities for recovery. Disaster assessment teams can perform an
	initial assessment that comprises situational and needs assessments in the early,
	critical stages of a disaster to determine the type of relief needed for an emergency
	response, or they may carry out a much more expedited process termed a rapid
DUSTIT	assessment.
DHAUIL	Infrastructure
	Rec.C.2.2.7 Develop guidelines for measures to reconstitute capabilities if
	infrastructure facilities and systems are damaged
	Rec.C.2 3.9 Coordinate implementation and management of efforts to repair,
	replace, or relocate damaged or destroyed public facilities and infrastructure
	Rec.0.2 4.1 Coordinate resources to conduct building inspections and damage
	Appenditute

Source: NGB/J3/5, Civil Support Task List Coordinating Draft as of 15 May 2011 (Washington, DC: NGB/J3/5, 2011).

Task Number	OP 4.6.2	Title	Provide Civil-	Military Engin	eering			
Task Description	To dismantle fortifications and to construct and maintain facilities and communications networks that give physical structure to the lines of communication. This activity includes the following: building/maintaining forward staging bases; restoring rear to include sustainment infrastructure, such as repair of water supply and sewage treatment structures; area, sustaining lines of communications (LOC); supporting construction; and acquiring or producing construction material. Environmental protection and restoration will be accomplished in accordance with DOD environmental policy, status-of-forces-agreement (SOFAs), international treaties, and other binding guidance to which the USG is a party. (CLOSM 3500.05, IP 4-0, IP 4-04, IP 4-07)							
			T-0. 31 T-0T.	JP 4-0/1				
	1000010	000.00.0	CO	NDITIONS				
Condition Number	C 2.5.4.2.1	Title	CO Beddown Facilities	NDITIONS Descriptio	n			
Condition Number Condition Descriptors	C 2.5.4.2.1 Limited (les	Title ss than re	Beddown Facilities equired)	NDITIONS Descriptic Space av personne	n ailable for handling i I from arriving ships	materials and and aircraft.		
Condition Number Condition Descriptors	C 2.5.4.2.1 Limited (let	Title ss than re	CO Beddown Facilities equired)	NDITIONS Descriptio Space av personne ANDARDS	ailable for handling I from arriving ships	materials and and aircraft.		
Condition Number Condition Descriptors	C 2.5.4.2.1 Limited (let	Title ss than re	CO Beddown Facilities equired) ST/	NDITIONS Descriptic Space av personne ANDARDS	ailable for handling I from arriving ships SCALE	materials and and aircraft. CRITERION		
Condition Number Condition Descriptors M5 To rees	C 2.5.4.2.1 Limited (les	Title ss than re MEASUF aged LO0	Beddown Facilities equired) ST/ RE Cs	NDITIONS Descriptic Space av personne ANDARDS	n ailable for handling I from arriving ships SCALE Days	materials and and aircraft. CRITERION <= 10		

 Table 12.
 Prime BEEF METL OP 4.6.2 Provide Civil-Military Engineering

Source: Hq USAF/A30-IR, Air Force Universal Task List (AFUTL) and Core-Unit Mission Essential Task Lists (METLs) (Washington, DC: Hq USAF, February 2013).

Similar to the tier 1 analysis, caution must be taken to ensure that the matches are feasible. In essence, a feasibility check must be incorporated to ensure that the unit has the capability to accomplish the CSTL task. For example, CS 8.4.2 Provide Casualty Medical Triage has an associated UJTL crosswalk of OP 7.9 Conduct Consequence Management (CM) Operations in Joint Operations Area (JOA) (see table 13).

CROSSWALK TO RELATED DOCUMENTS: DOCUMENT CHAPTER, PARAGRAPH, SECTION, KEY WORDING, RELATED TASKS, ETC. UJTL (On OP 7.9 Conduct Consequence Management (CM) Operations in Joint Operations Area (JOA): To implement JOA CM plan and conduct CM operations in (ine) JOA. (CJCSI 3125.01A, CJCSI 3214.01C, DODI 2000.21, FM 3-11.21, JP 3-0, JP 3-05.1, JP 3-08, JP 3-11, JP 3-28, JP 3-29, JP 3-34, JP 3-35, JP 3-40, JP 3-41, JP 3-57, JP 4-06, JP 5-0, JP 6-0) Note: CM tasks are conducted to directly support the incident commander, tribal, local, state, federal, or HN emergency managers implementing their CM plans to mitigate the effects resulting from the employment of CBRN weapons or release of TIMs and restore essential operations and services. CM tasks support the broad sections of operations, planning, logistics, and finance/admin responsibilities under the national incident management system (NIMS). Tasks support protection of the populace by sheltering-in-place or evacuation, fire fighting and hazardous materials actions, emergency medical services and health support for mass care, contamination avoidance, decontamination, transportation of injured, urban search and rescue, mortuary affairs, communications, public works and engineering, information management, and restoration of services operations. CM operations maybe required during military operations in support of allies and partners. Domestic CM operations are a part of Defense Support to Civil Authorities (DSCA) AUTL (2003) ART 6.5.1.1 Provide Medical Treatment (Organic And Area Medical Support) Provide medical treatment (organic and area support) for all units within the AO. Examine and stabilize patients. Evaluate wounded and disease and non-battle injuries (DNBI). Examine the general medical status to determine treatment and medical evacuation precedence. (FM 4-02) (USAMEDDC&S) MCTL (2009) MCT 4.5.6 Conduct Mass Casualty Operations: To conduct an effective process of casualty sorting (triage), which is basic to the successful operation of a patient stabilization and movement system. Rapid and mass casualty evaluations must be made to identify which patients need immediate resuscitation and which patients car tolerate delay in treatment, as well as, which patients should be moved after initial treatment to other medical facilities. Mass casualty operations also include casualty collection, temporary casualty holding and casualty evacuation conducted by either air, surface (water or ground) transportation available (ground ambulance, five-ton truck, small boat, landing craft air cushion). (JP 4-02, 4-02.1, 4-02.2, MCWP 4-11.1,

 Table 13.
 CSTL Crosswalk for CS 8.4.2 Provide Casualty Medical Triage

Source: NGB/J3/5, Civil Support Task List Coordinating Draft as of 15 May 2011 (Washington, DC: NGB/J3/5, 2011).

Although the CSTL crosswalk for CS 8.4.2 does not reflect an associated AFTL task, the Civil Engineer Prime BEEF METL possesses the same UJTL task OP 7.9 Conduct Consequence Management (CM) Operations in Joint Operations Area (JOA) (see table 14). However, this CSTL task involves providing casualty medical triage which includes prioritizing treatment of casualties, marking proper medical category and processing accordingly for treatment and/or transport. Despite the match between the UJTL and the unit's METL, this is not a capability that Civil Engineer Prime BEEF squadrons possess.

			DE	TAILS				
Task Number	OP 7.9	Title	Conduct Consequence Management (CM) in Joint Operations Areas (JOAs)					
Task Description	To implement JOA CM plan and conduct CM operations in JOA. (CJCSI 3125.01A, CJCSI 3214.01C, DODI 2000.21, FM 3-11.21, JP 3-0, JP 3-05.1, JP 3-08, JP 3-11, JP 3-28, JP 3-29, JP 3-34, JP 3-35, JP 3-40, JP 3-41, JP 3-57, JP 4-06, JP 5-0, JP 6-0)							
			CONE	ITIONS				
Condition Number	C 2.1.1.2	Title	Pre-Existing Arrangements	re-Existing Description rrangements				
Condition Descriptors	Partial Strong (e.g., NATO)			Those plans, organizations, relationships, and arrangements that existed before the present mission or tasking and that might influence execution of the concept of operations.				
Condition Number	C 2.1.1.5	Title	SOFA	Description				
Condition Descriptors	Cooperative			The degree of control a HN cedes over the conduct and punishment of guest forces under Status of Forces Agreements or like instruments.				
			STAN	DARDS				
	- N	MEASUR	RE		SCALE	CRITERION		

Table 14. Prime BEEF METL OP 7.9 Conduct Consequence Mgmt in Joint Operations Areas

Source: Hq USAF/A30-IR, Air Force Universal Task List (AFUTL) and Core-Unit Mission Essential Task Lists (METLs) (Washington, DC: Hq USAF, February 2013).

Another example that requires a feasibility check would include CS 3.2.12 *Provide Temporary Maritime Terminal and Port Repair Services* (see figure 33). This civil support task may not be a typical training objective within Civil Engineer Prime BEEF squadrons, however, it may be "semi-feasible" to be supported by Prime BEEF squadrons based on historical precedence or the ability to meet some of the parameters of the civil support task.

			TIER 1: DIR	ECT MATCH	TIER 2: INDIRECT MATCH	
TASK #	TITLE	DESCRIPTION	AFTL (2009)	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
	Provide Ground	capability includes assessing the general habitability of residences, public				
	Based Non-	facilities, areas of high importance, and other areas of vertical infrastructure.				
	Technical	This capability also includes supporting assessment by professional civil,				
	Structural	structural, and mechanical engineering experts to affected entities. May also				
	Damage	support assessment staff, remote sensing and computer modeling. Types of				
3.1.1	Assessment	assessment include supporting posting levels of access. Note: Teams	None Identified		SN 3.3.6.1	
3.1.2	Provide Road Damage Assessment	Provide road damage assessment. This capability includes determining and reporting the location, quantity and types of damage (Such as culverts, pot holes, and retaining walls). It may also include general assessments of ability and efforts to clear routes for emergency use.	None Identified		SN 3.3.6.1	
3.1.3	Provide Bridge Damage Assessment	Provide bridge damage assessment. This capability includes determining structural stability (such as deck, supports, or abutments and approaches), the location, quantity and types of damage, in an effort to determine load carrving capacity.	None Identified		SN 3.3.6.1	
3.1.4	Provide Rapid Runway/Airfield Damage Assessment	Provide Rapid Runway/Airfield Damage Assessment. This capability includes determining the location, quantity and types of damage of runways, taxiways, helipads, short/vertical takeoff and landing zones.	AFTA 4.2.4.1		SN 3.3.6.1	
3.1.5	Provide Minimum Operating Strip	Provide Minimum Airfield Operating Strip (MAOS) determination. This capability includes non-traditional determination of types and number of aircraft able to use the runway/landing zone, or taxiway route as well as location of proposed ramp space. It also includes making recommendations for repairs to increase airstrip usable area, and uses information gathered by the damage assessment team to determine operating strip/landing zone.	AFTA 4.2.4.1		SN 3.3.6.1	
24.0	Provide Non- Technical Post Incident Damage	Provide non-technical post-incident damage survey. This capability includes utilizing windshield surveys and dismounted teams to conduct rapid field surveys, recording and reporting damage, and assisting officials with determining and the surveys and	News Ideational		SN 2 2 6 4	
3.1.6	Survey	determining extent & severity to structures.	None identified		SN 3.3.6.1	
3.1.7	Conduct Engineer Estimate for Temporary/Emerg ency Horizontal Repair	Conduct engineer estimate for temporary/emergency horizontal repair. This capability includes cost horizontal construction estimates providing engineering support to repair/restore roadways, cuts, fills, culverts, and emplace temporary bridges. Estimate includes required resources, time, and recommended priorities of effort.	None Identified		SN 3.3.6.1	
3.1.8	Provide Aerial Post-Incident Damage Assessments	Provide aerial post-incident damage assessments. This capability includes conducting aerial surveillance to determine the area and extent impacted by the incident, the trafficability of roadways based on observed traffic patterns, observed structural collapse, and observed impacts on the population within the affected area. This task does not include engineering assessments, determinations of habitability of residences, public facilities, areas of high importance, and other areas of infrastructure.	None Identified		SN 3.3.6.1	
321	Provide Temporary Bridge Emplacement	Provide temporary bridge emplacement. This capability includes utilizing standardized prefabricated components for temporary restoration of single lanes across dry/wet voids that can be disassembled upon restoration/replacement of permanent bridge, or when no longer required. These bridges can be built to match a wide range of vehicular bridging applications. Note: May use unit bridging equipment or contract furnished bridges et al.	None Identified		OP 4 6 2	RH (S and L), PB (S, M,
3.2.2	Provide Rapid Runway and/or Airfield Damage Repair	Provide Rapid Runway Repair (RRR)/Airfield Damage Repair (ADR). This capability includes temporary repair to restore structural integrity of horizontal structure. Note: A standard RRR/ADR team consisting of a minimum of seven heavy equipment operators certified to operate associated/ required heavy whicle equipment.	None Identified		OP 4.6.2	RH (S and L), PB (S, M, and L)

Figure 33. Tier 2 Feasibility Verification Example

Source: Generated by author.

Step 3: Tier 3 (Implied Match) Analysis

The tier 3 analysis is an implied form of matching civil support requirements to Air Force civil engineer capability. For the purpose of this thesis, tier 3 matches occur when there is an implied match between the CSTL task and the Air Force civil engineer Unit Type Code (UTC) Mission Capability (MISCAP) statements. In these cases, a UJTL task nor an AFTL task is referenced in the crosswalk, but an implied match can be made between the requirement (i.e. CSTL task) and capability (i.e. personnel and equipment MISCAPs).

For example, CS 3.1.7 *Conduct Engineer Estimate for Temporary/Emergency Horizontal Repair* involves producing an engineer estimate for temporary/emergency horizontal repair which includes horizontal construction cost estimates providing engineering support to repair/restore roadways, cuts, fills, culverts, and emplace temporary bridges (see table 15). This is clearly a capability that Prime BEEF and RED HORSE units can provide; however, the CSTL crosswalk does not reference an associated UJTL task nor an AFTL that can be directly or indirectly matched to a civil engineer unit METL. Therefore, an implied match is made between CS 3.1.7 and Prime BEEF and RED HORSE UTCs.

Table 15. CS 3.1.7 Conduct Engineer Estimate for Temporary/ Emergency Horizontal Repair CSTL Crosswalk

C\$ 3.1.7. Conduct Engineer Estimate for Temporary/Emergency Horizontal Repair

DESCRIPTION: Conduct engineer estimate for temporary/emergency horizontal repair. This capability includes cost horizontal construction estimates providing engineering support to repair/restore roadways, cuts, fills, culverts, and emplace temporary bridges. Estimate includes required resources, time, and recommended priorities of effort.

CONDITION(S):

- 1. Under the direction of proper civilian authority.
- 2. Can operate in most conditions.
- 3. External factors such as contamination, extreme weather, etc., can degrade service.

STANDARD(S):

- a. Depart home station within 24 hours of notification.
- b. Operational within 4 hours of arrival at assigned location.
- c. 24 hour sustained operations.
- d. Self-sustainable for a minimum of 72 hours.
- e. Appropriate training, licensing, certifications, and qualifications for organizational personnel.

CAPACITIES:

- 3.1.7.1 Multiple engineer estimates for multiple locations.
- 3.1.7.2 Single engineer estimate for single location.

CROSSWALK TO RELATED TASKS:

DOCUMENT	CHAPTER, PARAGRAPH, SECTION, KEY WORDING, RELATED TASKS, ETC.
UJTL (On line)	SN 3.3.6.1 Assess Critical Infrastructure (CI) Impacts to Operational Capability: Determine the operational impacts resulting from the loss, disruption, and/or degradation of mission critical infrastructure. (DODD 2000.12, DODD 3020.26, DODD 3025.1M, DODD 5111.13, DODD 5160.54, DODD 5220.22, EO 13010, EO 13025, EO 13228, JP 3-26, PDD-NSC-67) Note: This task includes identifying the critical infrastructure and assets that are components of systems supporting all assigned missions; analyzing the potential consequences of a global event; assessing potential impacts to critical infrastructure and assets supporting assigned
	missions; and reporting results of the analysis and assessment.
AUTE (2009)	ART 7.4.1.1 Provide Disaster Relief: Disaster relief restores or recreates essential infrastructure. It includes establishing and maintaining the minimum safe working conditions, less security measures, necessary to protect relief workers and the affected population. (Overseas, Army forces may provide security as part of a stability operation.) Disaster relief allows effective humanitarian relief and creates the conditions for long-term recovery. It may involve consultation on and provision of emergency medical treatment and evacuation; repairing or demolishing damaged structures; restoring or building bridges, roads, and airfields; and removing debris from supply routes and relief sites. (FM 3-07) (USACAC).
AFTL (2009)	None Identified
UNTL (2009)	None identified
MCTL (2009)	MCT 4.4 Conduct General Engineering Operations: To conduct general engineering operations, repairing and construction of facilities, and to provide water, utilities, and other related infrastructure. To review OPLANs, combat and civil engineer support plans and approve MARFOR engineer plans. Coordinate base development, advance base functional components (ABFC), and manage the wartime construction program. Plan and support bulk liquid (fuel and water) construction and operation requirements. Oversee the expeditionary airfield (EAF) plans and operations. Source and allocate EAF material and support. Dismantle fortifications and to construct and maintain facilities and communications networks that give physical structure to the lines of communication. Assemble and erect pre-designed structures. Construct expeditionary CSS facilities and cantonment areas. This activity includes the following-fuelding/maintaining forward staging bases restoring rear area, sustaining
	LOC, supporting construction, and acquiring or producing construction material.
JP3-34	General Engineering and Service Capabilities. General engineering supports advanced base development by the following means: constructing, repairing, and maintaining facilities for staging and force bed down facilities; providing systems improvements in support of JROSI and JLOTS; providing potable water and utility support; erecting bridges; installing bulk fuel and distribution systems; erecting prefab shelters; analyzing existing force protection capabilities and recommending



Source: NGB/J3/5, Civil Support Task List Coordinating Draft as of 15 May 2011 (Washington, DC: NGB/J3/5, 2011).

Because tier 3 analysis does not involve a direct nor an indirect match with established UJTL tasks and AFTL tasks, objectivity when making implied matches is critical during this step. Therefore, to ensure objectivity, subject matter experts (SMEs) from the Air Force Civil Engineer Center (AFCEC) at Tyndall Air Force Base (AFB) were consulted to verify the implied matches that were made as part of this study.

Step 4: Preliminary Assessment Roll-Up

After completion of the Tier 1, 2, and 3 analyses; the preliminary assessment rollup column found in the charts in Appendix A will reflect the type of match that was made between the civil support task and Air Force civil engineer capabilities. The preliminary assessment result will illustrate whether there was a direct match, a direct match with stipulations, an indirect match, an indirect match with stipulations, an implied match, or no match. The preliminary assessment roll-up is predicated on the results of the Tier 1, 2, and 3 analyses.

Step 5: Final Assessment Roll-Up

Finally, after completion of the preliminary assessment roll-up, the final assessment roll-up, which can be found in the charts in Appendix A, will reflect whether Air Force civil engineers have the capabilities to support each of the civil support tasks.
The final assessment will identify if Air Force civil engineers are capable, capable with stipulations, or not capable of supporting each of the civil support tasks. The final assessment roll-up is predicated on the results of the preliminary assessment roll-up.

<u>Results</u>

Through a multi-tiered analysis, the use of the Civil Support Task List (CSTL), and consultation from Subject Matter Experts (SMEs) from the Air Force Civil Engineer Center (AFCEC) at Tyndall Air Force Base, this thesis has identified civil support tasks that Air Force Active Duty, Reserve, and Air National Guard civil engineers could potentially support at the request of civil authorities. Before addressing the specific tasks, the analysis resulted in direct, direct with stipulations, indirect, indirect with stipulations, implied, and no matches which are reflected in figure 34. In short, matches were made in all the Emergency Support Functions (ESFs) with exception of ESF 2 *Communications*, ESF 8 *Public Health and Medical Services*, ESF 13 *Public Safety and Security*, ESF 14 *Long-term Community Recovery and Mitigation* (which was not considered by the CSTL), and ESF 15 *External Affairs*. Other highlights of the analysis demonstrate that Air Force civil engineers can potentially support 22 of the 24 ESF 3 *Public Works and Engineering* tasks, all ESF 10 *Oil and Hazardous Materials Response* tasks, and all ESF 12 *Energy* tasks.



Figure 34. Tier 1, Tier 2, and Tier 3 Results (Preliminary Assessment Roll-Up) *Source*: Generated by author.

In the final assessment, figure 35 illustrates whether Air Force civil engineers are capable, capable with stipulations, or not capable of supporting each of the 165 civil support tasks identified in the CSTL. The analysis demonstrates that Air Force civil engineers are capable of supporting 62 of the civil support tasks, capable with stipulations of supporting 6 of the civil support tasks, and incapable of supporting 97 of the civil support tasks identified in the CSTL. From another perspective, Air Force civil engineers possess capabilities to potentially support 10 of the 15 Emergency Support Functions (ESF).



Figure 35. Air Force Civil Engineer Capabilities in Support of Civil Support Tasks (Final Assessment Roll-Up)

Source: Generated by author.

As one can see from the analysis results in Appendix A, table, 3, and table 4, Air Force civil engineers possess many capabilities that may contribute to DSCA. For example, as demonstrated in Appendix A, Air Force civil engineers possess various damage assessment capabilities. This is an important consideration to make because early damage assessment, itself, is critical to tailoring the appropriate response package because its rapid deployment could provide more timely information to decision makers and help them identify requirements and the scope of response and relief efforts. Case and point, after a major disaster, such as Hurricane Andrew, a state's emergency services infrastructure will probably be unable to make a timely and complete damage assessment. In this case, it was several days before local authorities realized how bad the situation was and how much assistance was needed (Government Accounting Office 2007, 6). Damage assessment is just one example of the many capabilities that Air Force civil engineers possess that can aid civil authorities in times of natural and/or man-made disasters.

CHAPTER 5

CONCLUSIONS AND RECOMMENDATIONS

Echoing the 2013 Strategy for Homeland Defense and Civil Support, although the Department of Defense (DoD) is always in a support role to civilian authorities for disaster response, the capacity, capabilities, and training of the military mean that DoD often is expected to play a prominent supporting role in response efforts. The strategy also notes that public expectations for a rapid federal response have grown in the wake of major disasters such as Hurricane Katrina (Department of Defense 2013, 6). Therefore, it is prudent for the Department of Defense (DoD) to be fully cognizant of the capabilities that the it possesses that could potentially execute civil support tasks at the request of civil authorities, especially during complex catastrophes when requirements may overwhelm local and state capabilities very rapidly. This is especially the case with respect to Air Force civil engineer capabilities since many of their wartime contingency and disaster planning and recovery principles can be applied to peacetime natural and/or man-made disasters.

Potential Applications of This Study

The results of this study can be extremely beneficial for the DCOs and their associated elements, as it can be used as a reference list when validating and reviewing Requests for Assistance (RFAs) from civilian agencies. This study may be extremely beneficial to them as it may give more awareness of Air Force civil engineer capabilities, especially since all the DCOs, and a preponderance of their staff members, are comprised of Army representatives. On a similar note, since the RFA process may inhibit the rapid employment of Title 10 U.S.C. forces due to the level of coordination required to approve support of said RFA, DCOs and elements of their staffs, with their respective FEMA regions, should consider additional pre-scripted Mission Assignments (MAs) that can potentially be sourced by Air Force civil engineers. Therefore, the results of this study can aid them in generating new pre-scripted MAs which may include, but not limited to, the following: damage assessment, emergency shelter engineering support, plant and pest control, and transportation support.

Additionally, since the National Guard Bureau's CSTL draft correlated its efforts to the 2009 Air Force Task List, which was not fully developed at the time, this study used the most current Universal Joint Task List (UJTL), most current Air Force Unit Task List (AFUTL), Air Force Unit Mission Essential Task List (METL), and most current Air Force civil engineer Unit Type Codes (UTCs) and Mission Capability (MISCAP) statements to provide up-to-date Air Force civil engineer capability correlations to the CSTL tasks. Therefore, it is possible that the results of this study can be used to refine and update the National Guard Bureau's CSTL.

Similarly, the prototype, analytical method used in this study could be utilized by the other Services in order to develop a reference list similar to the tables in Appendix A. In other words, although the CSTL crosswalks may have already correlated a civil support task to the 2009 Army Universal Task List task, 2009 Marine Corps Task List task, and/or the 2009 Universal Naval Task List task; it may be necessary to update the correlations and/or further drill down into which types of units and/or types of career fields have the capabilities to execute the civil support task. If this is accomplished, these updated lists could benefit the DCOs and its elements when validating and reviewing RFAs when received from civil authorities and/or when generating new pre-scripted MAs with FEMA; perhaps in a more comprehensive, joint perspective.

Also, although this study focused on civil support tasks in support of DSCA, perhaps the results of this study can be used to analyze Air Force civil engineer capabilities in support of foreign Humanitarian Assistance and Disaster Response (HA/DR) missions. DoD supports these types of missions when agencies such as the United States Agency for International Development (USAID) and the Department of State request assistance from the Department of Defense.

Furthermore, there are other Joint Task Forces under USNORTHCOM that can perhaps benefit from this analysis. For example, Joint Task Force Alaska (JTF-AK) and Joint Force Headquarters National Capital Region (JFHQ-NCR) both have responsibilities to conduct civil support, when required. The Air Force civil engineer capabilities that may complement JTF-CS and an associated DCRF may also be used to complement JTF-AK and JFHQ-NCR, when required. Also, Joint Task Force North (JTF-North), who is tasked to support the Nation's federal law enforcement agencies in the interdiction of suspected transnational threats within and along the approaches to the construction and improvement, border perimeter lighting installation, border fence construction, vehicle barrier construction, and mobility construction (Joint Task Force North 2012). Therefore, the results of this study may give law enforcement agencies awareness of other Air Force civil engineer capabilities that can be utilized to support their law enforcement objectives. Also, the CSTL translated the Department of Homeland Security's Target Capabilities List into 165 tasks categorized by Emergency Support Functions (ESFs). Perhaps the DHS should consider utilizing similar terminology to further facilitate the efforts of other agencies when referencing the Target Capabilities List.

Lastly, the results of this study may be utilized to input into future EXORDs, OPLANs, and CONPLAN 3501-08 revisions; specifically, Tab A to Appendix 28 to Annex C *Anticipated Force Requirements by Phase* and Appendix 6 to Annex D *Engineering Support Plan*.

Stipulations

Although the CSTL has identified 165 tasks that civil authorities may request from the DoD, it is crucial to recall that "no single jurisdiction or agency is expected to perform every task identified and no two jurisdictions require the same level of capabilities" (Department of Homeland Security 2007, 2). Therefore, the DoD is not expected to perform or be capable of each task of the CSTL, which was correlated from the DHS' Universal Task List.

It is also important to clarify that certain Air Force civil engineer units may not be able to support civil support tasks even though the CSTL match list in Appendix A demonstrates a direct, indirect, or implied Air Force civil engineer capability match. For example, one of the key assumptions is that Air Force civil engineers possess the same skill sets at the generally the same proficiency. In other words, an Air Force active duty civil engineer heavy equipment operator possesses the same skills sets and proficiency as an Air National Guard civil engineer heavy equipment operator. However, in some cases, this is not the case. For example, one of the many strengths of many Air National Guard members is that their civilian occupations could very closely match their military occupations. Therefore, they are able to utilize their civilian skills to contribute to the effectiveness of their military occupation. From another perspective, there may be certain skill sets that are executed more frequently by active duty forces. Therefore, an active duty member may be more proficient in the skill set due to more frequent exposure to the task. Thus, one should consider the differences between Active and Reserve component forces that are further highlighted in the 2014 National Commission on the Structure of the Air Force when it states that "these [Reserve] components are complementary to the Active component, not precise mirror images" (National Commission on the Structure of the Air Force 2014, 9).

Also, it is important to note that not all Civil Engineering Squadrons are created equally. For example, the 375th Civil Engineering Squadron (CES) at Scott Air Force Base possesses an Explosive Ordnance Disposal (EOD) flight. However, the 65th Civil Engineering Squadron at Lajes Field does not. In addition, the parameters that the Air Force Civil Engineer Force Provider Cell (ACC/A7XO) considers when articulating the impacts of a potential sourcing solution to Request for Forces (RFFs) must be taken into account. These parameters include maintaining the active duty dwell times for Operational Forces (OF) and Institutional Forces (IF), availability of Reserve Component man-days, and ensuring a mix of Active Duty and Reserve Component forces (Air Force Civil Engineer Center 2014, 16). Finally, even if a unit has the capability and doesn't violate any of the considerations that ACC/A7XO considers when recommending sourcing solutions, the readiness of a unit could prevent them from supporting the task. Despite the capabilities that Air Force civil engineers possess that can be utilized in support of a DSCA mission, another limitation that should be considered when utilizing Air Force civil engineers is their primary responsibility to an installation, especially if the installation serves as an Aerial Port of Embarkation (APOE) or an Aerial Port of Debarkation (APOD). If Air Force civil engineers are deployed to support DSCA missions outside of the confines of the installation, the installation's abilities; especially if they serve as an APOE, APOD, or power projection platform; could be degraded.

Other General Considerations

Because the Air Reserve Component (i.e. Air Force Reserves and/or Air National Guard) possess a majority of the same UTCs as the Air Force Active Duty (and in the Air National Guard's case, specialized UTCs for DSCA) States should consider Reserve Component units first when seeking Air Force civil engineer capabilities. This is because Reserve Component units under State Active Duty (SAD) duty status and/or U.S.C. Code Title 32 status forces are not subject to certain legal limitations such as the *Posse Comitatus* Act. Furthermore, the Request for Assistance (RFA) process for Title 10 forces may inhibit the rapid employment of Title 10 U.S.C. forces.

Furthermore, as mentioned previously, since it is recommended that the Reserve component (i.e. Air National Guard and Reserves) be considered first, it is likely that a combination of SAD, Title 32, and Title 10 forces will be utilized to respond to and recover from a natural and/or man-made disaster. Therefore, the roles of the Dual Status Commander (DSC) and the Defense Coordination Officer (DCO) and his/her Defense Coordination Element (DCE) become increasingly important. It is recommended that FEMA continue to exercise national level complex catastrophic exercises such as the 2011 National Level Exercise and the 2014 Ardent Sentry exercise in order to exercise the DSCs, DCOs, and DCEs in an effort to improve interoperability with internal and external units and agencies.

Another recommendation is that Air Force civil engineer capabilities should be used to complement, not replace, the existing Army engineer capabilities of JTF Civil Support and an associated DCRF, whether it be in a CBRN or non-CBRN disaster capacity. Even if USNORTHCOM's JTF-CS and an associated DCRF are not utilized to support a DSCA mission, the list of Air Force civil engineer capabilities generated by this study can still be used as sourcing solutions to a USNORTHCOM Request for Forces (RFF) if required to support a DSCA task. Amongst the many capabilities illustrated in Appendix A, Air Force civil engineers possess a unique advantage because many of their civil engineering day-to-day activities involves ensuring the maintenance and operation of an Air Force installation and its facilities and physical infrastructure such as water distribution systems, electrical distribution systems, and transportation networks. Therefore, when a natural and/or man-made disaster takes place within an Air Force installation, Air Force civil engineers possess the knowledge and experience required to recover the installation, such as damage assessment and expedient repair. These same fundamentals can be applied to a damaged town or city outside of the confines of an Air Force installation.

With that said, there is synergy between the fundamentals of base recovery and the principles involved in responding to and recovering from natural and/or man-made disasters in the civilian community. Therefore, Air Force civil engineers should consider standardizing Tactics, Techniques, and Procedures (TTPs) and training with that of FEMA. This recommendation is feasible because there are already some examples of how standardized training between FEMA and the DoD are already taking place. For example, members of an Air Force installation's Emergency Operations Center (EOC) are required to take some of FEMA's emergency management online training modules. Furthermore, FEMA offers several other online training courses available to the public that could introduce best-practices and lessons learned that could be adopted by the DoD. This synergy would be mutually beneficial to ensure improved interoperability for FEMA during potential DSCA mission sets and perhaps offer an opportunity for the Air Force civil engineer community to adopt operational and training best practices from FEMA. These operational and training best practices can be utilized for both DSCA and non-DSCA incidents.

Furthermore, the Air Force civil engineer community should consider training opportunities with other Service engineers. For example, the capability analysis demonstrates that Air Force civil engineers have the capabilities to perform damage assessment of facilities, transportation networks, and utilities. However, it also illustrates that Air Force civil engineers may notionally possess the capabilities to provide bridge and maritime structure assessment. The stipulation is based on the fact that a vast majority of Air Force civil engineering officers possess engineering degrees and may be able to deduce damage assessment of bridges and maritime structures based on the knowledge gained from their engineering degree and/or their experience. However, the stipulation is that bridges and maritime structures are not a specialty of the Air Force. Therefore, training with the other Service engineers in order to gain knowledge and experience for assessing damage of bridges and maritime structures can prove beneficial for both peacetime and wartime contingencies.

Final Thoughts

This study has answered the "what?", the "so what?", and the "now what?" The "what?" involves the creation of a menu of Air Force civil engineer capabilities that can contribute to potential civil support tasks through a multi-tiered, methodology prototype. Specifically, Air Force civil engineers can potentially support 68 of the 165 CSTL civil support tasks and 10 of the 15 Emergency Support Functions (ESF). The "so what?" applies to how this study provides a codified list of Air Force civil engineer capabilities that reflects the full range of complementary capabilities that USNORTHCOM can utilize in the future. This is important for USNORTHCOM and its DCOs and DCEs to be aware of; just in case local, State, federal, and existing USNORTHCOM assets are overwhelmed; when responding to and recovering from peacetime and/or wartime complex catastrophes, CBRN and/or non-CBRN disasters, or natural and/or man-made disasters. And the "now what?" is that this study could be utilized by the Defense Coordinating Officers and their staffs as a reference list to assist in the review and validation of Requests for Assistance (RFAs) and/or the generation of new pre-scripted Mission Areas (MAs), in coordination with FEMA. Furthermore, this study can be utilized to refine the coordination draft of the National Guard Bureau's Civil Support Task List and the analysis methodology can be used by sister Services to build a similar list, as in Appendix A, to specify which and how their specific units or specialties can contribute to an associated civil support task. Lastly, the results of this study can be used for consideration into future EXORDs, OPLANs, and CONPLANs and could also be

utilized when analyzing support for future foreign Humanitarian Assistance or Disaster Response (HA/DR) missions.

Bottom line, Air Force civil engineers possess capabilities that can aid our domestic neighbors during times of need.

APPENDIX A

CIVIL SUPPORT TASK LIST (CSTL) TIER 1 ANALYSIS

				TIER 1: DIRI	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer Brime REEE
					and/or RED
ESE	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
			Provide ground transportation of personnel. This capability includes planning.		
			coordinating, and supervising movement from a single point in a single		
			movement, tracking and reporting on personnel moved, and securing		
		Provide Ground	additional supplies and support such as maintenance and fuel. It may also		
		Transportation of	include safety escorts. This capability does not include medical evacuation of		
1	1.1.1	Personnel	injured, medical, and non-ambulatory patients.	None Identified	
		Provide Ground	Provide transportation of palletized materials. This capability includes		
		Transportation of	single movement over improved, semi-improved, or unimproved roads and		
		Palletized	highways, tracking and reporting on materials moved, and securing additional		
1	1.1.2	Materials	supplies and support such as maintenance and fuel.	None Identified	
			Provide ground transportation of dry bulk material. This capability includes		
			planning, coordinating, and supervising movement from a single point in a		
		Provide Ground	single movement over improved, semi-improved, or unimproved roads and		
4	4 4 2	Transportation of	highways, tracking and reporting on materials moved, and securing additional	None Identified	
-	1.1.3	Dry Bulk Material	supplies and support such as maintenance and luel.	None identified	
			Provide ground transportation of bulk fuel. This capability includes planning.		
			coordinating, and supervising movement or automobile/diesel fuel from a		
		Provide Ground	single point in a single movement over improved, semi-improved, or		
		Transportation of	unimproved roads and highways, tracking and reporting on materials moved,		
1	1.1.4	Bulk Fuel	and securing additional supplies and support such as maintenance and fuel.	None Identified	
			Provide transportation of potable bulk water. This capability includes planning,		
		Bravida Craund	coordinating, and supervising movement from a single point in a single		
		Transportation of	improved or unimproved roads and highways, tracking and reporting on water		
		Potable Bulk	moved, and securing additional supplies and support such as maintenance		
1	1.1.5	Water	and fuel.	None Identified	
			Provide transportation of non-potable bulk water. This capability includes		
			planning, coordinating, and supervising movement from a single point in a		
		Provide Ground	single movement from a single point in a single movement over improved,		
		I ransportation of	semi-improved, or unimproved roads and highways, tracking and reporting on		
1	116	Water	water moved, and securing additional supplies and support such as	None Identified	
<u> </u>	1.1.0	Water	Provide ground transportation of heavy equipment and oversized loads. This		
		Provide Ground	capability includes the planning, coordinating, and supervising movement from		
		Transportation of	a single point in a single movement from a single point in a single movement		
		Heavy Equipment,	over improved, semi-improved, or unimproved roads and highways, tracking		
		and Oversized	and reporting on equipment moved, and securing additional supplies and		
1	1.1.7	Loads	support such as maintenance and tuel.	None Identified	
			Fronce Ground Transpondition or numar Remains. This capability includes		
			single movement from a single point in a single movement over improved		
			semi-improved, or unimproved roads and highways, tracking and reporting on		
		Provide Ground	equipment moved, and securing additional supplies and support such as		
		Transportation of	maintenance and fuel. Note: This capability does not include medical		
1	1.1.8	Human Remains	evacuation of injured, medical, and non-ambulatory patients.	None Identified	
			Provide air transportation of personnel. This capability includes planning,		
		Provide Air	coordinating, supervising, maintaining manifests of passengers using fixed or rotany wing aircraft, launching from and recovering to airports/airfields		
		Transportation of	airstring landings zones as available. This canability does not include		
1	1.2.1	Personnel	medical evacuation of injured, medical, and non-ambulatory patients.	AFT 1.1.3.1	
		Provide Air	Provide air transportation of palletized materials. This capability includes		
		Transportation of	planning, coordinating, supervising, maintaining manifests of materials using		
		Palletized	fixed or rotary wing aircraft, launching from and recovering to airports/airfields,		
1	1.2.2	Material	airstrips, landings zones, as available.	AFT 1.1.3.1	

				TIER 1: DIRI	СТ МАТСН
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
			Provide air transportation of heavy equipment. This capability includes		
			planning, coordinating, supervising, maintaining manifests of equipment using		
			fixed wing aircraft, launching from and recovering to airports/airfields, airstrips,		
		Air Transportation	landings zones, as available and as needed. Types of heavy equipment that		
		of Heavy	can be transported includes, but is not limited to, helicopters, construction		
1	1.2.3	Equipment	equipment, firefighting equipment, vehicles, vessels, and trailers.	AFSN 1.2.2.1	
			Provide air transportation of outsized loads. This capability includes planning,		
			coordinating, supervising, maintaining manifests of load transport of single		
			item cargo that exceeds 1,000 inches (25.4 m) in length, 117 inches (3 m) in		
		Provide Air	width, and 105 inches (2.7 m) in height. Capability uses airports, airfields,		
		Transportation of	and airstrips, as available and as needed. Note: Aircraft's cubic footage	. =	
1	1.2.4	Outsized Loads	capacity may be exceeded well before weight capacity	AFSN 1.2.2.1	
			Provide air transportation of shipping containers. This capability includes		
		B	planning, coordinating, supervising, maintaining manifests of containers using		
		Provide Air	fixed or rotary wing aircraft using airports/airfields, airstrips, landings zones,		
		Transportation of	as available and as needed. Type of snipping containers include, but is not		
	4.0.5	Snipping	limited to, sea-land snipping containers, air freight containers, and enclosed	AFOT 4 4 9 4	
1	1.2.5	Containers	Irallers.	AFST 1.1.3.1	
			Provide aerospace operations/control. This capability includes planning,		
			development of short and mid-term acrospace strategy producing and		
			disseminating regional Airspace Control Orders (ACO)/Air Tasking Orders		
		Provide	(ATO) delineating the flights missions timing and coordination. It also		
		Aerosnace	includes communication and coordination with other agencies or assets as		
		Operations/Contro	applicable day-to-day air operations, and conducting air and space		
1	1.2.6	I	operational assessment	AFOP 5 5 1 1	
		Augment Air			
		Traffic Control	Augment air traffic control operations. This capability includes personnel to		
1	1.2.7	Operations	augment ongoing ATC operations at civilian or military airfields.	AFOP 1.1.1.4	
		•			
			Establish and provide air traffic control operations. This capability includes		
			personnel and equipment to establish and operate at designated airfield. This		
			may include Air Traffic Control at fixed or temporary locations supporting fixed		
			wing or rotary wing aircraft, airfield/landing zone under Visual Flight Rules		
			(VFR) and Instrument Flight Rules (IFR) conditions for multiple aircraft types		
			on small to large temporary/ permanent airfields/landing zones, handling		
			military and civilian aircraft alike. The capability may also include the		
			establishment/reestablishment of operational airfields, landing areas/drop		
			zones, using a variety of communication radios, navigational aids, and		
			weather observation equipment and skills. Communications equipment may		
			include Very High Frequency (VHF), Ultra High Frequency (UHF), Frequency		
		Establish and	Modulation (FM), and High Frequency (HF) radio capabilities to ensure safe		
		Provide Air Traffic	separation of inbound/outbound aircraft. Navigational aids may include VHF		
		Control	Omni-directional Radio (VOR), Tactical Air Navigation (TACAN), Global		
11	1.2.8	Operations	Positioning System (GPS), and Microwave Landing System (MLS).	AFOP 1.1.1.4	

				TIER 1: DIR	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
		Establish and			
		Operate	Establish and operate emergency communications center. This capability		
		Emergency	includes Video, unsecure/unclassified internet, on-site radio, and public		
		Communications	switch telephone network (PSTN), communications support for emergency		
2	2.1.1	Center	management, and incident command activities.	AFT 6.6.1.2	
		Provide Mobile	Provide mobile emergency communications support. This capability includes		
		Emergency	video, unsecure/unclassified internet, on-site radio, and public switch		
		Communications	telephone network (PSTN), communications support for emergency		
2	2.1.2	Support	management, and incident command activities.	AFT 6.6.1.2	
			Provide spectrum/frequency management. This capability includes		
			coordinating, managing and controlling use of the electromagnetic spectrum.		
		Provide	It also includes validating, de-conflicting, and providing status reports for		
		Spectrum/Freque	frequency requests. May also provide management across multiple frequency		
2	2.1.3	ncy Management	bands.	AFTA 5.6.4.2	
		Provide			
		Temporary	Provide temporary telecommunications support. This capability includes		
		Telecommunicati	establishing and operating telecommunications support to restore disrupted		
2	2.2.1	ons Support	service for critical sites and locations.	None	
		Provide Radio	Provide radio communication support. This capability includes establishing		
1		Communication	and operating radio communications network to restore disrupted service for		
2	2.2.3	Support	critical sites and locations. May include secure communications.	AFT 6.6.1.2	

				TIER 1: DIRE	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
		Provide Ground	capability includes assessing the general habitability of residences, public		
		Based Non-	facilities, areas of high importance, and other areas of vertical infrastructure.		
		Technical	This capability also includes supporting assessment by professional civil,		
		Structural	structural, and mechanical engineering experts to affected entities. May also		
		Damage	support assessment staff, remote sensing and computer modeling. Types of		
3	3.1.1	Assessment	assessment include supporting posting levels of access. Note: leams	None Identified	
			Provide read damage assessment. This canability includes determining and		
		Provide Poad	robusting the location, quantity and types of damage (Such as culturity not		
		Damage	holes and retaining walls). It may also include general assessments of ability		
3	312	Assessment	and efforts to clear routes for emergency use	None Identified	
- -	0.11.2	Addeddinent			
			Provide bridge damage assessment. This capability includes determining		
		Provide Bridge	structural stability (such as deck, supports, or abutments and approaches),		
		Damage	the location, quantity and types of damage, in an effort to determine load		
3	3.1.3	Assessment	carrying capacity.	None Identified	
		Provide Rapid			
		Runway/Airfield	Provide Rapid Runway/Airfield Damage Assessment. This capability includes		
_		Damage	determining the location, quantity and types of damage of runways, taxiways,		
3	3.1.4	Assessment	helipads, short/vertical takeoff and landing zones.	AFTA 4.2.4.1	
			Descride Minimum Airfield One sections Othin (MAA OO) determined in This		
			Provide Minimum Airlield Operating Strip (MAOS) determination. This		
			capability includes non-traditional determination of types and number of		
			location of proposed ramp space. It also includes making recommendations		
		Provide Minimum	for renairs to increase airstrip usable area, and uses information rathered by		
3	3.1.5	Operating Strip	the damage assessment team to determine operating strip/landing zone	AFTA 4 2 4 1	
-		operating ettip	the damage accocoment total to accomine operating emphanting zeros	,	
		Provide Non-	Provide non-technical post-incident damage survey. This capability includes		
		Technical Post	utilizing windshield surveys and dismounted teams to conduct rapid field		
		Incident Damage	surveys, recording and reporting damage, and assisting officials with		
3	3.1.6	Survey	determining extent & severity to structures.	None Identified	
		Conduct Engineer	Conduct engineer estimate for temporary/emergency horizontal repair. This		
		Estimate for	capability includes cost horizontal construction estimates providing		
		Temporary/Emerg	engineering support to repair/restore roadways, cuts, fills, culverts, and		
_		ency Horizontal	emplace temporary bridges. Estimate includes required resources, time, and	Name Islandifical	
3	3.1.7	Repair	Provide partial poet incident demore accessments. This conshility includes	None identified	
			conducting aerial surveillance to determine the area and extent impacted by		
1			the incident, the trafficability of roadways based on observed traffic patterns		
1		Provide Aerial	observed structural collapse, and observed impacts on the population within		
1		Post-Incident	the affected area. This task does not include engineering assessments.		
		Damage	determinations of habitability of residences, public facilities, areas of high		
3	3.1.8	Assessments	importance, and other areas of infrastructure.	None Identified	
			Provide temporary bridge emplacement. This capability includes utilizing		
1			standardized prefabricated components for temporary restoration of single		
1			lanes across dry/wet voids that can be disassembled upon		
1			restoration/replacement of permanent bridge, or when no longer required.		
1		Provide	These bridges can be built to match a wide range of vehicular bridging		
		Temporary Bridge	applications. Note: May use unit bridging equipment or contract furnished		
3	3.2.1	⊨mplacement	Dridge Set.	None Identified	
1		Dravida David	Provide kapid kunway kepair (KKK)/Airfield Damage Repair (ADR). This		
1		Provide Rapid	capability includes temporary repair to restore structural integrity of horizontal		
1		Airfield Demage	beam equipment operators certified to operate accepted/ required beam		
2	322	Renair	neavy equipment operators certilieu to operate associateu/ required neavy	None Identified	
1 3	J.L.L	nepan	Verifield equiptificate.		

				TIER 1: DIRE	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
		Provide	Provide emergency road repair. This capability includes temporary road		
		Emergency Road	repairs for roads and traffic ways that hinder critical infrastructure		
3	3.2.3	Repair	accessibility. Note: Materials must be acquired/provided.	None Identified	
			Provide temporary structure repair/construction. This capability includes		
			temporary repairs of existing structures and/or construction of temporary		
		Provide	structures for emergency operations, public shelters, points of distribution,		
		Temporary	emergency medical facilities, tentage, and other critical infrastructures		
		Structure	needed to provide/sustain public health and safety. This capability also		
		Repair/Constructio	includes determining structure points of entry, status of load bearing walls,		
3	3.2.4	n	and calculating types and quantity of required materials.	None Identified	
			Provide roof top snow removal. This capability includes coordinated		
			disciplined crew, leadership, and hand tools to remove snow from roof tops		
		Provide Roof Top	that are not more than 4/12 pitch to prevent collapse. Note: This capability is		
3	3.2.5	Snow Removal	limited to emergency situations only and does not include ice conditions.	None Identified	
			Provide snow removal support. This capability includes snow removal from		
		Provide	roadway systems, and/or application of material for traction purposes, such		
		Emergency Snow	as salt, brine solution, or sand, etc. and other areas needed to maintain		
3	3.2.6	Removal Support	transportation networks and/or access to critical infrastructure.	None Identified	
			Provide emergency debris removal. This capability includes operations of		
			demolition, clearance, removal, transport, segregation, reduction, and/or		
		Farmer and Dalaria	disposal of debris. Debris types are structures, trees, bulky vegetation,		
~		Emergency Debris	gravel, sand, dirt, appliances, and animals. This capability does not include	Name Islandifierd	
3	3.2.1	Removal Results	venicie or snow removal.	None identified	
2	2 2 0	Clearance	Provide route clearance. This capability includes route clearance for roads	None Identified	
3	3.2.0	Brovido Wator	and traine ways to lacinitate energency access.		
		Svetome	Provide water system inspections support. This task includes sampling		
		Inspections	disinfection, water tank inspections for damage or leaks. Engineering support		
3	3.2.9	Support	will be required to ensure temporary system restoration at a minimum	None Identified	
Ť			Provide wastewater inspection support. This capability includes sampling	. tone identified	
			disinfection, waste water plant inspections, sewer flush out, water treatment		
1			personnel decontamination. Engineering support will be required to ensure		
		Provide	temporary system restoration at a minimum. Note: To accomplish this		
		Wastewater	capability additional resources such as electricity, water distribution, waste		
		Inspection and	water system repair, welding, security, heavy equipment operations may be		
3	3.2.10	Support	required.	None Identified	
			Provide sandbagging support. This capability provides for filling sandbags, and		
1			stacking them to create a barrier to block, turn, fix, or disrupt intrusions such		
1		Provide	as flood water, contaminants, and critical infrastructure protection. May		
		Sandbagging	include removal and disposition of sandbags. Note: May require high water		
3	3.2.11	Support	transportation assets to move personnel and equipment.	None Identified	
1		Provide	Provide terminal and port repair services. This capability includes repair of		
1		Temporary	structural damages to terminals and ports to restore functionality for		
1		Maritime Terminal	embarking and debarking operations. Note: This capability may require		
1		and Port Repair	additional capabilities such as damage assessment and heavy equipment		
3	3.2.12	Services	Support.	None Identified	

				TIER 1: DIR	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
			Provide engineer equipment support. The capability includes		
			utilizing/operating engineer equipment for ingress and egress into areas, earth		
			movement, debris movement, etc. Types of equipment could include dozers		
			(with or without rippers, with or without winches), graders, backhoes, dump		
		Provide Engineer	trucks, skid steers, rollers (smooth, sheep's foot roller, and/or vibratory),		
		Equipment	water truck, front end loaders, excavators, cranes, and supporting assets.		
3	3.2.13	Support	Note: May require transportation of engineer equipment.	None Identified	
		Provide			
		Temporary			
		Roads/Trails	Provide Temporary Roads/Trails Construction Support. This capability		
		Construction	includes construction of temporary roads and trails. May be used to bypass a		
3	3.2.14	Support	natural or man-made obstacle.	None Identified	
			Provide general utility repair. This capability includes support at installation		
			facility level. Support may include restoration of gas, electrical,		
			telecommunications, potable water, oil, waste water and storm drain. May		
			include location marking, pressure testing, energized line testing, temporary		
		Provide General	line lifting. Note: This capability may require additional resources such as		
3	3.2.15	Utility Repair	security, heavy equipment.	None Identified	
		Provide Engineer			
		Support to Base			
		Camp and	Provide engineer support to base camp and staging area operation. This		
		Staging Area	capability includes vertical construction, horizontal construction, earth		
3	3.3.1	Operations	movement support, and maintenance.	None Identified	

				TIER 1: DIR	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
			Provide wildland firefighting hand crew. This capability includes hot spot mop-		
		Provide wildland	up to prevent re-ignition, fireline construction, and maintaining accountability		
		Ground Firstighting Hand	and situational reporting as required. Note: This capability may not include		
		Firefighting Hand	seasonal experience or leadership qualifications in accordance with National		DD (C. M. and L)
4	4.1.1	CIEW	Statualus. Provide Firefighting Teams w/Equipment. This capability includes fire engine	AFOF 4.0.2.1	FD (S, M, and L
		Provide	team for wildland or urban fire suppression to protect structures or wildland		
		Firefighting	within the fire area and prevent fires from crossing established firelines, hot		
		Teams	spot mop up capabilities to prevent re-ignition, and maintaining accountability		
4	4.1.2	w/Equipment	and situational reporting as required.	AFOP 4.6.2.1	PB (S. M. and L
	İ 🗌		Provide engine strike team. This capability includes fire suppression to		
			protect structures or wildland within the fire area and prevent fires from		
			crossing established firelines, hot spot mop-up to prevent re-ignition, and		
			maintaining accountability and situational reporting as required. Note: A		
		Provide Engine	Strike Team consists of 5 engines of the same type and capacity, and a		
4	4.1.3	Strike Team	command unit.	AFOP 4.6.2.1	PB (S, M, and L)
			Provide firefighting dozer support (single resource). This capability includes		
		L	fire suppression to protect structures or wildland within the fire area and		
		Provide	prevent fires from crossing established firelines removing all combustible		
		Firefighting Dozer	material and creating a barrier between the fire and areas of vulnerability,		
		Support (Single	clearing existing lifelines, providing support to irreline hand crews, and		DD (C. M. and L
4	4.1.4	Resource)	maintaining accountability and situational reporting as required.	AFOP 4.6.2.1	PD (S, IVI, and L
			structures or wildland within the fire area and prevent fires from crossing		
			established firelines, removing all combustible material and creating a barrier		
			between the fire and areas of vulnerability, clearing existing firelines, providing		
			support to fireline hand crews, and maintaining accountability and situational		
		Provide	reporting as required. Note: Dozer strike team consist of 2 dozers, 2 dozer		
		Firefighting Dozer	transporter vehicles(usually low boy), 2 operators, 2 ground guides, strike		
4	4.1.5	Strike Team	team leader, leader vehicle with driver.	AFOP 4.6.2.1	PB (S, M, and L)
			Provide Aircraft Rescue and Firefighting (ARFF) support. This capability		
			includes rescuing crews from downed aircraft and suppress aircraft fires while		
			maintaining accountability and situational reporting as required. Note; Crew		
			consist of at least 3 Personnel, Tank minimum capacity (Gal) 500, Pump		
		Provide Airfield	minimum flow (GPM) 150 @ 250 PSI, Hose 2 ½ inch double jacket 300 Feet,		
	446	firefighting/Crash	Hose 1 ½ or 1 ¼ inch double jacket 500 Feet, 1 Intake 2 ½ inch, Ladder 14		DD (C. M. and I)
4	4.1.0	Rescue Support	Provide Fire Truck with Aerial Ladder or Platform truck. This capability	AFUP 4.0.2.1	гь (S, IVI, and L
			includes urban fire suppression to protect structures within the fire area and		
		Provide Aerial	prevent fires from spreading to exposed areas fighting fire from an aerial		
		Ladder or	ladder or platform and or performing rescue operations, while maintaining		
4	4.1.7	Platform Truck	accountability and situational reporting as required.	AFOP 4.6.2.1	PB (S, M, and L)
		Provide Water	Provide water tender. This capability includes water tender to support		
4	4.1.8	Tender	firefighting operations.	AFOP 4.6.2.1	PB (S, M, and L)
		Provide Foam			
4	4.1.9	Tender	Provide foam tender to support mainly airfield firefighting operations.	AFOP 4.6.2.1	PB (S, M, and L
		Provide	Provide helicopter tirefighting operations. This capability includes deploying		
		Helicopter	The extinguishing agents. It also includes the line support and containment,		
	121	Charations	and not spot mop-up in fire areas, and maintaining accountability and		DP (S. M. ord L
4	4.2.1	operations	situational reporting as required.	AFUP 4.0.2.1	TD (S, IVI, and L

				TIER 1: DIR	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
			Provide MAFFS Operations. This capability includes one or both types of		
			airborne retardant/water drop MAFFS systems. MAFFS 1 is a pressurized		
			3000 gallon tank system aboard an aircraft able to drop retardant or water at		
			a rate of under five seconds, covering one quarter of a mile long and 60 feet		
			wide lay down to act as a fire barrier. MAFFS 2 is a fully self-contained		
			system capable of mixing retardant in-flight, drops fire-retardant chemicals		
			used in fighting forest fires, and employs an on-board compressor system		
		Provide Modular	replacing the ground support equipment requirements of the original MAFFS		
		Airborne Fire	1. Aircraft can fly in non-optimum weather, takeoff and land on short field		
		Fighting System	runways, and fly at extremely low altitudes to ensure maximum retardant		
		(MAFFS)	application to the target area. A support aircraft will typically accompany the		
4	4.2.2	Operations	C-130 operational aircraft.	AFOP 4.6.2.1	PB (S, M, and L
			Provide fixed wing operations - modular airborne fire fighting system		
			(MAFFS). This capability includes modular airborne firefighting system		
			(MAFFS) C-130 aircraft to dispense water or retardant at very low altitudes.		
		Provide Fixed	Note: Uses air tanker, type 1, able to dispense up to 3000 gallons of		
		Wing Operations -	retardant or water. MAFFS must be coordinated and approved by USFS, can		
		Modular Airborne	be loaded at approved air tanker base, drops in conjunction with MAFFS lead		
		Fire Fighting	pilots and aircraft systems, and operations conducted in accordance with		
4	4.2.3	System (MAFFS)	USFS MAFFS Operating Plan.	AFOP 4.6.2.1	PB (S, M, and L
			Provide Maritime Firefighting. This capability includes firefighting on vessels,		
			in littoral waters, inland waters, or onshore facilities near the water. Support is		
			for the minimum time necessary to provide for the search and rescue of		
		Provide Maritime	personnel and critical materials aboard the distressed vessel/facility/hazard.		
		Firefighting	This capability does not include use of airborne assets or use of search and		
4	4.3.1	Services	rescue teams.	AFOP 4.6.2.1	PB (S, M, and L

				TIER 1: DIRE	СТ МАТСН
					AFUTL (2013)
					Engineer
					Prime BEEF and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
			Provide emergency planning support. This capability includes facilitating the development, review, and integration of emergency response plans in		
			preparation for or in response to, natural or manmade disasters, and civil		
			requirements of the National Response Framework, State specific emergency		
		Provide Response Plan Integration	management plans, and the National Incident Management System. It may also support individual agencies. Non-Governmental agencies, or		
5	5.1.1	Support	federal/regional/statewide plans integration.	None Identified	
			Provide planning section support. This capability includes assisting with the		
			facilitation of the planning process, the collection, evaluation, dissemination and use of information about the incident, and the status of resources in		
			preparation for, or in response to, natural or manmade disasters, and civil		
			emergencies. This capability also includes supporting the establishment of information requirements and reporting schedules for the Planning Section,		
			and assisting in the determination of needed specialized resources in support		
			preparation of the Incident Action Plan, assisting in the assembly of		
			information on alternative strategies, and periodic predictions on incident potentials, supporting the re-assignment of out-of -service personnel already.		
		Provide Planning	on-site to ICS organizations as appropriate, and assisting with the preparation		
5	5.1.2	Section Support	and implementation of the Incident Demobilization Plan. Provide strategic planning facilitation. This capability includes facilitating the	None Identified	
			development, review, and integration of strategic plans in preparation for, or in		
		Provide Strategic	strategy and State specific emergency management plans. It may also		
5	5.1.3	Planning Facilitation	support individual agencies, Non-Governmental agencies, or federal/regional/statewide plans integration	None Identified	
-			Provide Operations Section Support. This capability includes assisting with		
			the preparation and development of operational plans, gathering information to determine requests or release of resources, and making changes to the		
			Incident Action Plan as directed in preparation for, or in response to, natural		
			include assisting with the orientation of Operations Section personnel in		
			accordance with the Incident Action Plan, assembling and reporting information about special activities, events and occurrences to the Incident		
		Provide	Commander, and maintaining the Unit/Activity Log. Assigned personnel may		
5	5.1.4	Operations Section Support	be assigned to support specific tasks to include, planning operations, day/night operations, evacuation or contingency planning, etc.	SN 8.2.2	
			Provide Logistics Section support. This task includes assisting the Logistics		
			development and implementation of the Incident Action Plan (IAP), and		
		Provide Logistics	providing assistance with the activation of the branches and units in the Logistics Section in preparation for, or in response to, natural or manmade		
5	5.1.5	Section Support	disasters, and civil emergencies.	OP 4.5	
			нгомае ground imagery support. This capability includes the collection and analysis of imagery collected from ground based platforms using a variety of		
			medium including still and full motion video, infrared and thermal imagery.		
			collecting, recording and archiving images for the purpose of historical and		
			anecdotal records, posed and candid images, and may include technical images in support of post incident investigations and assessments. This task		
	5.0.4	Provide Ground	may support the full range of disasters and emergencies including both	Neve Identificat	
⊢°	J.Z.1	magery Support	Provide Aerial imagery support. This capability includes the collection and	inone identified	
1			analysis of imagery collected from aerial and/or space based platforms using a variety of medium including still and full motion video, infrared and thermal		
1			imagery. May include limited imagery analysis support. This task includes		
			taking, collecting, recording and archiving images for the purpose of historical and anecdotal records, posed and candid images, and may include technical		
		Provido Assist	images in support of post incident investigations and assessments. This task		
5	5.2.2	Imagery Support	nay support the full range of disasters and emergencies including both natural and man-caused events.	None Identified	
1			Provide maritime imagery support. This capability includes imagery analysis		
		Provide Maritime	support, surrace/sub-surrace vessel(s) and image analysis system capable of delivering either electro-optical [EO]/infrared [IR]/radar images in inland.		
5	5.2.3	Imagery Support	littoral, and/or open ocean areas. 119	None Identified	

				TIER 1: DIRI	CT MATCH
					AFUTL (2013)
					Engineer
					Prime BEEF
	TACK #	TITI 6	DECODIDITION	AETL (2000)	and/or RED
ESF	TASK #	IIILE	DESCRIPTION	AFTL (2009)	HURSE Match
			Establish americanay shalter using evicting structure(s). This conshibity		
		Eata bliab	Establish energency sheller using existing structure(s). This capability		
		Establish	using existing structures with eppreprints size, area, and appropriative for		
		Sholtor Lising	conducting registration fooding conjects cleaning areas mental health		
		Evisting	services health services bygiene services, sleeping aleas, mental health		
6	611	Structure(s)	parking. Note: May not include personnel for shelter operations	ST 8 2 4	
- v	0.111		Establish emergency shelter using temporary structure. This canability	01 0.2.4	
1			includes identifying and establishing shelters for displaced aroups of people		
1			using tentage, or other temporary structures with appropriate size area and		
		Establish	accessibility for conducting registration, feeding services, sleeping areas.		
		Emergency	mental health services, health services, hygiene, sanitation, security, traffic		
		Shelter Using	flow, and parking. Note: This may require additional capabilities for		
		Temporary	tent/structure erection. Note: May not include personnel for shelter		
6	6.1.2	Structure	operations.	ST 8.2.4	
			Establish emergency shelter using military facilities. This capability includes		
			identifying and establishing temporary shelters for displaced groups of people		
			using existing structures with appropriate size, area, and accessibility for		
		Establish	conducting registration, feeding services, sleeping areas, mental health		
		Emergency	services, health services, hygiene, sanitation, security, traffic flow, and		
		Shelter Using	parking. NOTE: Armories are not generally appropriate for extended periods of		
6	6.1.3	Military Facilities	use. Note: May not include personnel for shelter operations.	ST 8.2.4	
			Provide emergency shelter operations. This capability includes required		
		Dravida	personnel for conducting, or coordinating with Federal, State, Local, or other		
		Emorgency	governmental of non-governmental agencies, for registration, recurring services,		
		Shelter	security traffic flow and parking NOTE. This canability requires additional		
6	6.1.4	Operations	canabilities support and special needs considerations	ST 8 2 4	
		Provide		0101211	
		Emergency	Provide emergency shelter inspections. This capability includes inspecting		
		Shelter	established or potential shelters for safety and suitability for occupation in		
6	6.1.5	Inspections	accordance with the proper governing regulations and policies.	ST 8.2.4	
			Provide Chaplain support. This capability includes Critical Incident Stress		
			Management (CISM), Trained Crisis Responder (TCR) and Pastoral Crisis		
			Intervention (PCI) and counseling. Support may be provided by teams		
			consisting of one officer/chaplain and one enlisted aide, or an individual		
			Chaplain. Provides services for First Responders, victims, support personnel		
		Provide Chaplain	etc. Note: Military clergy are specifically prohibited from ministering to the		
6	6.2.1	Services	general public.	AFTA 4.4.6.2	
1			Provide linguistic services. Provide translation and interpretation services		
1			auring an emergency event to communicate instructions, translate and		
			provide interpretation services. This capability includes verbal and written		
1			translation support and services. Includes (but not limited to) public		
1			and non English appakare, applications in desument completion, received		
		Provide Linguistic	and non-English speakers, assistance in document completion, message		
6	622		nationts. Team size varies between 3-5 individuals	None Identified	
0	0.2.2	00111003	Provide temporary postal operations support This capability includes		
1			transporting, collecting and receiving mail, selling stamps, providing		
1		Provide Postal	registered, insured, and certified mail services. May also included		
		Operations	management activities, if required. This capability does not include door-to-		
6	6.3.1	Support	door delivery or international mail services.	None Identified	

				TIER 1: DIR	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
			DEGODIDITION		and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HURSE Watch
		Dravida Daraannal	Dravide personnel support for worshousing/facility energians. This conshility		
		Support for	includes personnel support for receiving storing, pecking, propering		
		Warehousing/Faci	commodities for shipment issuing tracking and distributing		
7	7.1.1	lity Operations	commodities/resources	AFOP 4 1 1	
			Provide support equipment for warehousing/facility operations. This capability		
			includes operators and equipment to support receiving, storing, issuing,		
		Provide Support	tracking, and distributing commodities/resources, and operations. May also		
		Equipment for	support sorting, packaging, palletizing, and delivery to indentified points of		
		Warehousing/Faci	distribution. Note: Units assigned this task are expected to have the full		
7	7.1.2	lity Operations	scope of personnel, equipment and training to perform this tasks to standard.	AFOP 4.1.1	
			Provide Military facilities to support civil authorities. This capability includes		
		Dravida Military	maintenance/sustainment, warenousing, medical/triage stations, base-camp,		
		Frovide Willtary	and other appropriate use for crimian authonities. Note: This task requires		
		Support Civil	for usage. Military personnel may be expected to operate and maintain the		
7	7.1.3	Authorities	facilities in accordance with civil authorities	ST 8 2 4	
<u> </u>				0101211	
		Establish and			
		Operate a Point	Establish and operate a point of distribution. This capability includes		
		Of Distribution	establishing and operating points of distribution of commodities in accordance		
7	7.2.1	(POD)	with Federal standard commodity distribution model.	AFOP 4.1.1	
		August Daint Of	Augment for Point of Distribution (POD). This capability includes personnel		
7	7 2 2	Augment Point Of	and/or equipment to support distribution or commodities in accordance with		
-	1.2.2	Discribution (FOD)		AI OF 4.1.1	
			Provide personnel and support equipment for mobile distribution operations.		
			This capability includes personnel and equipment to support distribution of		
			commodities to affected rural areas, where roads are damaged, and various		
		Augment Mobile	drop locations, in accordance with Federal standard commodity distribution		
		Distribution	per person in accordance with Federal standard commodity distribution model		
7	7.2.3	Operations	per Person.	AFOP 4.1.1	
1		1	Provide vy noiesale (Bulk) fuel distribution. This capability includes		
		Provide	establishing wholesale luel operations to distribute luel (deset of unleaded) to		
		Wholesale (Bulk)	include off-road or unimproved locations. Note: Fuel needs to be acquired or		
7	7.2.4	Fuel Distribution	provided.	AFOP 4.1.1	l
Ļ.	1	Provide			
1		Wholesale (Bulk)	Establish wholesale fuel operations to distribute aviation fuel at existing,		ĺ
1		Aviation Fuel	remote or mobile locations. Mobile sites may include off-road or unimproved		ĺ
7	7.2.5	Distribution	locations. Note: Fuel needs to be acquired or provided.	AFOP 4.1.1	
1		1	Provide retail fuel distribution. This capability includes establishing distribution		ĺ
1		Dravida D-t-1	sites to refuel vehicles and small equipment for remote or mobile locations.		ĺ
7	726	FIOVIDE RETAIL	to be acquired or provided		l
⊢	1.2.0	Provide Retail	no be acquired of provided. Provide retail aviation fuel distribution. This capability includes establishing	AFUF 4.1.1	
1		Aviation Fuel	distribution sites to refuel aircraft. May include on-airport uncontrolled		ĺ
7	7.2.7	Distribution	airfields, or remote heliports. Note: Fuel needs to be acquired or provided	AFOP 4.1.1	l

				TIER 1: DIRE	CT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
			Provide mass food preparation to field and remote sites. This capability		
			includes personnel and supplies for 2 days operations (to include consumable		
			supplies (fuel etc) augmented with service items such as plates and flatware,		
			and equipment to prepare, and serve, meals. This capability also includes		
			meal planning and preparation, serving, and sanitation. Note: A normal meal		
		Provide Mass	schedule will include two hot meals per day augmented by one sack-lunch or		
		Food Preparation	Meal Ready to Eat. Note: Resupply requirements and sources must be		
		to field and	identified within 24 hours. Resupply process/system will be negotiated as		
7	7.3.1	remote sites	soon as possible with controlling civilian agency.	AFOP 4.1.1	
			Provide mass food preparation using military kitchens/facilities. This		
			capability includes necessary facilities, personnel, supplies and equipment to		
			prepare, and serve, meals. Also includes meal planning, preparation, serving,		
		Provide Mass	and sanitation. Note: A normal meal schedule will include two hot meals per		
		Food Preparation	day augmented by one sack-lunch or Meal Ready to Eat. Includes		
		Using Military	consumable supplies (fuel etc), augmented with service items such as plates		
7	7.3.2	Kitchens/Facilities	and flatware for 2 days operations.	AFOP 4.1.1	
			Provide mass personal hygiene (shower, sink, and toilet) facilities in		
			rural/urban areas, including controlling/containing gray water and waste		
		Provide Personal	products. Note: The military is limited in quantity and location of shower and		
7	7.4.1	Hygiene Service	bath units. Note: Consumable supplies need to be acquired or purchased.	None Identified	
			Provide hand washing station(s). This capability includes identifying essential		
			areas (i.e. restrooms, food service areas, waste management areas and		
		Provide	shelters) and establishing unmanned hand washing stations consisting of		
		Unmanned Hand	water source, hand soap, paper towels, trash receptacle and gray water		
		Washing	capture device. Note: Consumable supplies need to be acquired or		
7	7.4.2	Station(s)	purchased.	None Identified	

				TIER 1: DIR	ECT MATCH
					AFUTL (2013) AF Civil Engineer Prime BEEF
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	and/or RED HORSE Match
8	8.1.1		Establish and Operate a Casualty Collection Point. This capability includes establishing and operating Casualty Collection Point providing Basic Life Support (BLS) under the general direction of the Chief Medical Authority (CMA) as designated by proper authority. The Collection Point will operate as an integrated element of emergency response. This capability includes the general tasks of Triage, patient assessment, stabilization, documentation, immobilization, victim resuscitation, application of basic initial medical procedures to sustain life, patient stabilization, and preparation for transport. It also includes simple triage and rapid treatment (START), basic initial medical assistance, patient stabilization, and preparation for transport. Casualty transportation is not included in this task.	AFTA 4.4.3.2	
		Establish and Operate a Casualty	Provide Basic Life Support (BLS) in an established medical facility. This capability includes the general tasks of Triage, patient assessment, stabilization, documentation, immobilization, victim resuscitation, application of basic initial medical procedures to sustain life, patient stabilization, and preparation for transport. It also includes simple triage and rapid treatment (START), basic initial medical assistance, patient stabilization, and preparation for transport. This task represents operating as additional or adjunct staff in support of the range of medical treatments available at the supported facility. Note: Medical Support is provided under the general direction of the medical professional responsible for the specific facility.		
8	8.1.2	Collection Point	Support may be provided in a clinic, hospital, surgical, or residence setting.	AFTA 4.4.3.2	
8	8.1.3	Provide Qualified Staffing For Basic Life Support In An Established Medical Facility	includes conducting field stabilization of casualties, operating individually or in teams to identify and provide services to casualties in preparation for transportation to locations where higher levels of care can be provided. May also include triage, patient assessment, ainway maintenance, Spinal immobilization, bleeding control, limited documentation, and stabilization in preparation for transportation to an established medical treatment facility.	AFTA 4.4.3.2	
		Augment Advanced Life Support (ALS) in an established	Augment Advanced Life Support (ALS) in an established medical facility. This capability includes augmentation in an established medical facility providing cardiac monitoring, cardiac defibrillation, transcutaneous pacing, Intravenous cannulation (IV), Intraosseous (IC) access and intraosseous infusion surgical cricothyrotomy, needle cricothyrotomy, needle decompression of tension pneumothorax advanced medication administration through parenteral and enteral routes (IV, IO, PO, PR, ET, SL, topical, and transdermal), Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS) or Pediatric Emergencies for Pre-Hospital Trauma Life Support (PHTLS), Basic Trauma Life Support (BTLS) or		
8	8.2.1	medical facility	International Trauma Life Support (ITLS).	AFTA 4.4.3.2	
		Establish and Operate Temporary Emergency Medical Care	Establish and operate temporary emergency medical care racinity. This capability includes establishing and operating the necessary infrastructure, and staffing to provide essential care and health services. Capability may also include service in modular hospital configurations or existing facilities providing support outside the disaster area. General capabilities supported may include emergency medical services, surgical services, trauma care, primary care, preventive medicine, and operational stress control, blood banking services, dental services, hospitalization for general classes of patients, medical logistics and other medical specialty capabilities as required Note. May result in release of patient following emergency care, or stabilization to ensure the patient can tolerate evacuation to a definitive care facility outside the immediate disaster area. Requires additional laboratory,		
8	8.3.1	Facility	pharmacy, radiology, and physical therapy services. Augment Emergency Medical Care Capabilities, This capability includes	AFTA 4.4.3.2	
8	8.3.2	Augment Emergency Medical Care Capabilities	personnel to augment existing staff providing essential care and health services to either release patient following emergency care, or stabilization to ensure the patient can tolerate evacuation to a definitive care facility outside the immediate disaster area. Capability may also include service in temporary (modular) hospital configurations or existing facilities providing support outside the disaster area. General capabilities supported may include emergency medical services, surgical services, trauma care, primary care, dental services, preventive medicine, and operational stress control, blood banking services, hospitalization for general classes of patients. Note: Requires additional laboratory, pharmacy, radiology, and physical therapy services.	AFTA 4.4.3.2	
Ť			Provide advanced emergency medical services. This capability includes using		1
8	8.4.1	Provide Advanced Emergency Medical Services	light-weight, modular, mobile medical facility or existing facility, to provide treatment, high-level resuscitation, stabilization, and application of emergency procedures to prolong life, stabilize actue injuries, and prepare for transport to a medical facility outside the affected area. It also includes forward stabilization, primary care, and prepare patients for evacuation. Provide casualty medical triage. This cabability includes prioritizing treatment	AFTA 4.4.3.2	
		Provide Casualty	of casualties, marking proper medical category and processing accordingly		
8	8.4.3	Medical Triage Provide Casualty Medical Triage in a Contaminated Environment	Itor treatment and/or transport. Provide casualty medical triage in a CBRN environment. This capability includes triage, marking with proper medical category for decontamination priority, and escorted or transported as appropriate to decontamination area for log-in and treatment, with ability to conduct mission in increased levels of protective posture up to Level C. Note: Level C personal protective equipment (PPE) is used when the type of airborne exposure is known to be guarded against adrequately by an APR.	None Identified	
	3.7.3	Connorment	Provide Ground Casualty Evacuation. This capability includes transport for		
		Provide Ground	personnel requiring basic medical transport as a surge capability. This support would be for the minimum time necessary to basic medical support		
8	8.5.1	Casualty Evacuation	during transport to a higher level, established medical facility outside of the affected area. 123	AFTA 4.4.3.2	
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				TIER 1: DIRE	CT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					and/or RED
ESE	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
20.			Provide Ground Advanced Life Support (ALS) transport. This capability	7	
			includes cardiac monitoring, cardiac defibrillation, transcutaneous pacing.		
			Intravenous cannulation (IV), Intraosseous (IO) access and intraosseous		
			infusion _ Surgical cricothyrotomy, Needle cricothyrotomy, needle		
			decompression of tension pneumothorax, Advanced medication		
			administration through parenteral and enteral routes (IV, IO, PO, PR, ET, SL,		
			topical, and transdermal), Advanced Cardiac Life Support (ACLS), Pediatric		
			Advanced Life Support (PALS) or Pediatric Emergencies for Pre-Hospital		
		Provide Ground	Providers (PEPP) and Pre-Hospital Trauma Life Support (PHTLS), Basic		
		Advanced Life	Trauma Life Support (BTLS) of international Trauma Life Support (TTLS) during		
8	852	Transport	provimate to a disaster area	ΔΕΤΔ <i>4 4</i> 3 2	
- U	0.3.2	manapon	Provide emergency medical air evacuation. This capability is for providing	AI 1A 4.4.0.2	
			continuing life support medical care during movement to a higher level		
			medical facility outside of the affected area. Note: Patient condition and		
			availability of the receiving medical facility will determine aircraft capacity for		
		Provide	transport, Aircraft configuration for carrying ambulatory patients, or litter		
		Emergency	patients or a combination of both as well as necessary supporting medical		
		Medical Air	equipment will determine aircraft transport capacity. Base of operations is		
8	8.5.3	Evacuation	located outside of affected area.	AFTA 1.6.1	
			with little or no medical status information available prior to air transport and		
		Provide Air	necessary medical care to sustain life during air transport to an earial port of		
		Casualty	debarkation for continued movement to a higher level established medical		
8	8.5.4	Evacuation	facility outside of the affected area.	AFTA 1.6.1	
		Provide Mass	Provide mass casualty response. This capability includes general medical		
		Casualty	care and treatment, resuscitation, general surgery, patient stabilization, and		
8	8.6.1	Response	preparation for transport to a medical facility outside the affected area.	AFTA 4.4.3.2	
		Provide	Provide quarantine support. This capability includes isolation of a medically		
		Quarantine	infectious and contagious population, medical treatment, logistical support,	None Identified	
•	0.0.2	Support	patient care, sanitation, hygene and engineering support.	None identified	
			non-governmental organizations for site/situation assessment recovery		
			efforts, morgue operations, transportation, remains identification, temporary		
			storage and temporary/final disposition following a catastrophic mass fatality		
		Human Remains	event. Note: Military units may be assigned to support civilian contracted		
8	8.7.1	Recovery Support	specialists.	None Identified	
			of human remains from collection points, collecting and storage of all		
			anti/post mortem information related to the tentative identification of the		
		Provide	human remains, establishing clear traffic patterns for entry, exit, loading and		
		Temporary Field	unloading areas, collection of all information regarding the location and		
	070	Morgue	recovery of the human remains; collection and storage of all personal effects	None Identified	
0	0.7.2	Operations	Iouna. Note: Consideration for the storage conditions of human remains for	None identified	
1			Provide temporary storage of human remains. This capability includes		
1			establishing collection point for human remains recovered from field		
			units/organizations conducting search and recovery missions in the affected		
1		Provide	area, establishing clear traffic patterns for entry, exit, loading and unloading		
		Temporary	areas. Note: this capability consists only of the reception, storage and		
_		Storage of Human	transfer of human remains and personal effects to an established morgue	Name I.J. CO.	
8	8.7.3	Remains	Tacility. No other mortuary affairs tasks will be conducted at this location.	None identified	
1			assistance with personal effects (PE) management collection inventorying		
1		Provide Personal	receipt, recording, accountability, storage, safeguard and disposal of the PF		
1		Effects	of all deceased persons under the control of U.S. civil authority. Note: The		
1		Management	local medical examiner/coroner authority will manage all personal effects		
8	8.7.4	Assistance	policies for the deceased.	None Identified	
1			Provide final disposition/repatriation support. This capability includes the		
1			facilitation of the collection of ante-mortem information, provides fatality		
1		Brovido Final	assistance to the family, transfer of Personal Effects (PE) and determines the		
1		Disposition/Repatr	aminy request for final disposition. Note: The local medical examiner/coroner authorities will manage all policies for the release and final		
8	8.7.5	iation Support	disposition/repatriation of all human remains under their jurisdiction.	None Identified	

				TIER 1: DIRI	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
			Provide Analysis of Medical Surveillance Data. This capability includes but		
			not limited to analyzing collected data from surveillance, modeling and clinical		
		Provide Analysis	data, reviewing and comparing historical data such as respiratory and		
		of Medical	gastroenterological symptoms, zoonotic vectors, and provide advice on further		
8	8.8.1	Surveillance Data	consequence management.	None Identified	
			Provide Assessment/Inspection Support. This capability includes safety		
			inspections and verification of food, water, and air quality compliance in		
		Provide	coordination with public health sector specific agencies with jurisdiction		
		Assessment/Inspe	Under the direction of proper civilian authority. This capability could be for field		
8	8.9.1	ction Support	or laboratory testing and analysis.	None Identified	
			Provide Public Health Surveillance. This capability includes coordination with		
			supporting departments and agencies by collecting surveillance data,		
			enhancing existing surveillance systems, monitoring the health of general		
		Provide Public	medical needs populations, carry out field studies and investigations, monitor		
		Health	injuries and disease patterns, and potential disease outbreaks, blood and		
8	8.10.1	Surveillance	blood product biovigilance, and blood supply levels.	None Identified	
			Provide behavioral health services. This capability includes providing mental		
			health supportive services, coordinating referrals for specialized mental health		
		Provide	services to include crisis counseling, assessment, crisis intervention, suicide		
		Behavioral Health	prevention, substance abuse services, psychosocial education, behavioral		
8	8.11.1	Services	health triage, and providing behavioral health training.	AFTA 1.6.2.3	
			Provide psychological first aid support. This capability includes intervention		
			protocol, such as grief and loss counseling, adjustment support, and		
		Provide	education for coping, developed specifically for immediate response to dealing		
		Psychological	with traumatic incidents and events. Note: This capability is intended for		
8	8.11.2	First Aid Support	immediate short term response, not long term psychiatric care.	AFTA 1.6.2.3	
			Provide public health information. This capability includes collecting,		
			monitoring, and assessing information gathered from internal/external		
			information sources, and reporting to Public Health officials regarding		
		Provide Public	alsease/illiness progression trends for the at risk population. Note: Staffing		
		Health	skill sets may include MD (Epidemiological), Veterinarian (Vector Control),		
8	8.12.1	Information	Information Analysts, Nursing, Logistics.	None Identified	1

				TIER 1: DIRI	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
			Provide urban search support. This capability assist urban search and rescue		
			teams with search function. Search may be accomplished by use listening		
		Provide Urban	devices, thermal imagery, visual search, or other technology. Note: The		
9	9.1.1	Search Support	capacities for this capability are FEMA.	AFT 2.3.1	
			Provide urban rescue support. This capability assist urban search and rescue		
		Provide Urban	teams with rescue from collapsed structures. Note: The capacities for this		
9	9.1.2	Rescue Support	capability are FEMA typed.	AFT 2.3.1	
			Augment Urban Search and Rescue (USAR) team(s). This capability includes		
			trained qualified personnel to augment existing USAR teams to support large		
		Augment Urban	scale disaster response in urban environments. This capability also includes		
		Search and	primary focus on structural collapse and rope rescue. May also include		
_		Rescue (USAR)	confined space, trench, vehicle extrication. Note: The capacities for this		
9	9.1.3	Team(s)	capability are FEMA typed.	AFT 2.3.1	
		Provide Inland-	Provide inland-wilderness search support. This capability includes searching		
•		Wilderness	open areas, rural and wilderness for subjects. May include dismounted or off-		
9	9.2.1	Search Support	road vehicle mounted search capabilities.	AFT 2.3.1	
			Provide inland-wilderness rescue support. This capability includes rescue of		
		Dravida Inland	subjects in surface areas exclusive of damaged structural environments, and		
		Provide iniand-	air rescue. Capability includes little recovery, stabilizing individuals,		
٩	022	Poscuo Support	include basic life support or advanced life support capabilities	AET 2 3 1	
9	9.2.2	Rescue Support	Provide parchagetical search support. This capability includes searching open	AFT 2.3.1	
		Provide	urban, rural, and wilderness for person(s) in distress or likely locations or		
		Aeronautical	indicators of displaced persons. Note: May include fixed wing or rotary wing		
9	9.3.1	Search Support	airframes and/or imaging capabilities	AFT 2 3 1	
	0.0.1	oouron ouppoin	Provide aeronautical rescue Support. This capability includes a fixed or rotary	7.1 1 2.0.1	
			wing aircraft to rescue otherwise inaccessible person(s) in distress. This		
			capability is used when time is of the essence to preserve life. limb, or		
			evesight, and is intended to remove persons to the closest location of safety.		
		Provide	May include hoist operations. Note: When injuries are reported or suspected		
		Aeronautical	allowances for medical professional must be made. This capability does not		
9	9.3.2	Rescue Support	include advance life support.	AFT 2.3.1	
			Flood search and rescue operations. This capability includes the ability to		
		Flood Search and	transit standing and slow moving water utilizing high clearance vehicles or		
		Rescue	watercraft in support of identifying and evacuating person(s), or providing		
9	9.4.1	Operations	resupply support to individuals who shelter in place.	AFT 2.3.1	
			Snow/ice search and rescue operations. This capability includes the ability to		
		Snow/Ice Search	transit snow and ice utilizing high clearance vehicles or weather/terrain		
		and Rescue	appropriate vehicles in support of identifying and evacuating person(s), or		
9	9.4.2	Operations	providing resupply support to individuals who shelter in place.	AFT 2.3.1	

				TIER 1: DIRI	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
FOF	TACK #		DESCRIPTION	AETL (2000)	HORSE Match
EOF	TASK #	IIILC	DESCRIPTION	ATTE (2003)	HOROE Materi
			Provide mass decontamination. This capability includes mass		
		Provide Mass	decontamination of affected populations. Note: Populations may also include		
10	10.1.1	Decontamination	household pets and service animals.	None Identified	
		_			
		Provide Successful			
		Chemical			
		Biological.			
		Radiological,	Provide Suspected Chemical, Biological, Radiological, Nuclear (CBRN)		
		Nuclear (CBRN)	Hazards Detection. This capability includes survey and detection of CBRN		
10	10.1.2	Hazards Detection	hazards using primary and secondary CBRN detection technologies.	None Identified	
		Provide			
		Presumptive			
		Chemical			
		Biological.			
		Radiological,	Provide presumptive identification of chemical, biological radiological and		
		Nuclear (CBRN)	nuclear hazards (CBRN). Capability includes presumptive identification of		
10	10.1.3	Hazards	CBRN hazards in affected areas.	None Identified	
		Provide			
		Suspected			
		Chemical,			
		Biological, Radiological			
		Nuclear (CBRN)	Provide Suspected Chemical, Biological, Radiological, Nuclear (CBRN)		
		Hazards	Hazards Monitoring. This capability includes monitoring suspected chemical,		
10	10.1.4	Monitoring	biological radiological and nuclear hazards (CBRN) in affected areas.	None Identified	
		Provide			
		Suspected			
		Chemical and	Provide Suspected Chemical and Biological Hazards Sample Collection. This		
		Biological Hazarde Sample	capability includes collecting samples of chemical and biological nazards in		
10	10.1.5	Collection	increased levels of protective posture up to Level A.	None Identified	
		Provide			
		Suspected			
		Chemical and			
		Biological Hazard	Provide Suspected Chemical and Biological Hazard Laboratory Analysis. This		
10	10.1.6	Laboratory	capability includes laboratory analysis of sample(s) to characterize and	None Identified	
10	10.1.0	Analysis		None identified	
		Provide Chemical,	Provide CBRN hazards assessment. This capability Includes conducting		
		Biological,	assessments to quickly and accurately identify and define the effects on		
		Radiological,	personnel and the operating environment of identified CBRN hazards. This		
		Nuclear (CBRN)	capability also includes conducting and providing plume modeling, and other		
10	10 1 7	Hazards	modeling to support decision making, and advising on potential mitigation	None Identified	
10	10.1.7	Assessment	activity. Provide contaminated debris clearance support. This canability includes		
1		Provide	operations of demolition, clearance, secrectation, and reduction of debris in		
		Contaminated	contaminated environments Note: Debris types are structures, trees, bulky		
		Debris Clearance	vegetation, gravel, sand, dirt, appliances, and animals. This capability does		
10	10.1.8	Support	not include clearing vehicles or snow removal.	None Identified	
1					
1		Provide Evelesion	Provide Explosive Ordnance Disposal (EOD) Support. This capability includes		
1		Ordnance	handling, transport, and disposal of explosives and munitions and/or		
1		Disposal (EOD)	improvised explosive devices, and/or any incident involving explosives		
10	10.2.1	Support	associated with chemical, nuclear, biological, or radiological materials.	AFTA 4.5	PB (S, M, and L
			Provide Weapons of Mass Destruction (WMD) Incident Response. This		
1			capability provides for the conduct of operations in a Chemical, Biological,		
1			Radiological, Nuclear, (CBRN) suspected or actual contaminated environment		
1			while providing organic command, control and resupply. This capability will		
1		Provide Weapons	also lucitury agents and substances, assess current and projected		
1		of Mass	follow on forces. Crews are trained in WMD/CBRN incident response.		
1		Destruction (WMD)	assessment, detection, mitigation, sustainment of life functions and		
10	10.3.1	Incident Response	decontamination.	None Identified	

				TIER 1: DIRE	ECT MATCH
					AFUTL (2013)
					AF Civil Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
		Augment Plant	Augment plant and plant pest survey/assessment. This capability includes identification of unknown plant substances and/or plant pests, assistance		
		and Plant Pest	with surveying and modeling, and advisement on further consequence		
		Survey/Assessmen	management. This capability may include just-in-time training to augment		
11	11.1.1	t	professionals in response to suspected or identified outbreak.	None Identified	
			Augment plant and pest control. This capability includes assisting with		
		Augment Plant	management and control measures (chemical, biological, cultural, and		
11	11.1.2	Control	require ground or air support.	None Identified	
			limited to detection and identification of potential adverse impacts on animals,		
			assistance with surveying and modeling, and advisement on further		
		Augment Animal	consequence management. This includes animals such as livestock, poultry, wildlife laboratory animals zoological collections etc. Note: This canability		
		Survey/Assessmen	may include just-in-time training to augment professionals in response to		
11	11.2.1	t	suspected or identified outbreak.	None Identified	
1			Provide animal health and husbandry support. This capability may include		
			generally accepted animal husbandry practices such as feeding, veterinary		
		Provide Animal	care, sheltering, decontaminating, depopulating, disposal. May also include		
		Health and	veterinary public health support to include control of diseases transmissible		
11	11.2.2	Support	as livestock, poultry, wildlife, laboratory animals, zoological collections, etc.	None Identified	
			Augment food supply assessment/Inspection. This capability includes food		
		Augment Feed	safety inspections and verification of slaughter and processing plants,		
		Augment Food Supply	analysis of food samples. Note: May include large expanses of open ground		
		Assessment/Inspe	complex food processing facilities, or large quantities of bulk food		
11	11.3.1	ction	commodities, etc.	None Identified	
		Augment	Provide Contaminated Food Supply System Response. This capability includes disposition, decontamination of product and affected environment to		
		Contaminated	include personnel and equipment. Note: May include large expanses of open		
		Food Supply	ground, complex food processing facilities, or large quantities of bulk food		
11	11.3.2	System Response	commodities, etc. Provide Nutrition Assistance Support This capability includes providing	None Identified	
			support for determining nutrition assistance needs, obtaining appropriate food		
		Provide Nutrition	supplies, arrange for delivery of supplies, and authorize disaster food stamp		
11	11 / 1	Assistance	program. Note: A team normally consists of two people and registered	None Identified	
	11.4.1	Support			
		Provide			
		Household Pet	Provide household pet evacuation and transportation support. This capability		
		Transportation	with their owners or separately to the nearest animal shelter and/or holding		
11	11.5.1	Support	area. Note: This capability is predominantly ground.	None Identified	
		Augment Pre-	Augment pre-established animal shelters. This capability includes providing		
		established	personnel for conducting animal identification, care and feeding, shelter		
11	11.5.2	Animal Shelters	supplies, pet-owner reunification.	None Identified	
1			service animals, and working animals. May also include triage, preventive		
1			care, diagnosis, treatment, and euthanasia. May also include veterinary		
1		Provide Veterinary	public health support to include control of diseases transmissible between		
11	11.5.3	Support	and assistant.	None Identified	
			Provide Natural, Cultural, and Historic Resources Support. This capability		
1		Provide Natural	may include cultural resources managers (archeologist, conservators,		
1		Cultural, and	(biologist, ecologist, botanist, wetlands specialists. and foresters) for		
1		Historic Resources	assistance with response actions to preserve, conserve, rehabilitate, recover,		
11	11.6.1	Support	and restore NCH resources.	None Identified	
1		Forecasting			
11	11.6.2	Support		None Identified	

				TIER 1: DIR	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					Prime BEEF
					and/or RED
ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
			Provide Petroleum Based Fuel Transmission Support. This capability includes		
		Provide	ground, air, or maritime assets to transmit petroleum based fuel from point of		
		Petroleum Based	production to the point of distribution/storage. This capability is intended to		
		Fuel Transmission	augment or supplement the existing fuel transportation network to allow		
12	12.1.1	Support	civilian authorities to restore normal operations.	AFOP 4.1.1	
			Provide Petroleum based fuel distribution Support. This capability includes		
		Provide	distribution of petroleum products to the end user operating in primary support		
		Petroleum based	of public safety/support entities. This capability provides augmentation to		
		Fuel Distribution	sustain energy needs to assist in the support of the restoration of the energy		
12	12.2.1	Support	distribution infrastructure. Note: This does not include retail operations.	AFOP 4.1.1	
		Provide Fuel	Provide support for fuel distribution to stricken locations. This capability		
		distribution to	includes transport, store and distribute fuel to stricken sites to temporarily		
		stricken locations	sustain operations of critical infrastructure. May include distribution of a		
12	12.2.2	Support	single load to multiple locations.	AFOP 4.1.1	
		Provide	Provide temporary distribution of electricity support. This capability may		
		Temporary	include temporary or supplemental power supplied to specified critical		
		Electricity	infrastructure, and priority locations until restoration of public utilities. May		
		Distribution	also include transportation, logistics, configuration and operation of the		
12	12.2.3	Support	equipment.	None Identified	

ESF TASK # TITLE DESCRIPTION AFUT. (2013) ESF TASK # TITLE DESCRIPTION AFUT. (2013) 13 Provide Facility Provide provide procession of pairs. Internal and non- marking a secure perimeter. Also includes performing ulterability and pairs. This capability includes establish and maintaining a secure perimeter. Also includes performing ulterability and pairs. This capability provides process correct This capability provides for protection of designated critical lacilities to provent disruptions of ultic protection and/or support to law enforcement operations at a certain provide PointSNIC None identified 13 13.1.2 Operations Provide point socurity operations. This capability includes providing provides public protection and/or support to law enforcement operations at a capability includes providing provide points on the provide protection and/or support to law enforcement operations. A certain provide PointSNIC None identified 13 13.1.2 Operations Provide protection and/or support to law enforcement operations. Note: Planning support to charain twe enforcement operations. Note: Planning ensorted period mounteri/74 do top particit. None identified 13 13.1.3 Provide Area sequidate mounteri/74 do top particit. None identified 13 13.1.4 Provide area provide reading and maintering type certains and top public scheme perform andiffied proper provide graphic public doride cereadin					TIER 1: DIRE	ECT MATCH
ESF TASK # TITLE DESCRIPTION AFT (2009) ESF TASK # TITLE DESCRIPTION AFT (2009) AFT (2009) 13 Torvide Facility Provide facility accurity operations. This capability includes establish and maintaining a socure perimeter. Also includes performing virtuality includes and on provide soft protocol on designated circle facilities to: informal and on provide soft protocol on designated circle facilities to: informal and on provide soft protocol on designated circle facilities to: informal and on provide soft protocol on designated circle facilities to: informal and on provide soft protocol on designated circle facilities to: provent display provides protocol on designated circle facilities to: provent display provides protocol soft to: accelities to: informal and on provide soft protocol on designated circle facilities correlations or a certain location/site or entrance/exit to a controlled areas such as points of distribution (PODS), terminals, amality provide protocol and or support to low enforcement operations or a certain location is support of cultion law enforcement operations. May include static pasts, careas control. This capability includes statem or operations. May include statem provide protocol accurity distribution (PODS), terminals, amality includes statem or provide area of ensegnency responder protection. This capability includes terms or consist of 3 assessment able to operations. Note Planning and the provide statem of the provide protocol accurity accuration target inference of ensegnency responder activation and transformation. Note Identified 13 13.1.3 Provide Reard Re						AFUTL (2013)
ESF TASK # TITLE DESCRIPTION AFTL (2009) ESF TASK # TITLE DESCRIPTION AFTL (2009) AFTL (2009) 13 13.1 Operations Translating a scure permeter. Also includes performing ulrarability and on present damage or theit, operations, their capability includes entablish and maintaining a scure permeter. Also includes performing ulrarability and the permeter damage or theit, operations, their capability includes providing holding assess scalar to public performs of ulrarability and public software and resources scenarial to public appartument. This capability includes providing holding asses, static post, check points, access control. This capability includes static patients in the interpublic of daster alleg). Internet-exist 11 a controlled area scular performed maintime paties. Provide Point/Stell None Identified 13 13.1.2 Operations Gesater aileg), etc. None identified 13 13.1.3 Security guptor line equation to sprovide guaratine operations. Not: Plantified None identified 13 13.1.4 Provide Area Security support. This capability provides truth coless tait post. None identified 13 13.1.3 Security guptor Regionder This capability provides truth coless tait post. None identified 13 13.1.4 Provide Area Security suport in support of onoging memory persophic for protrocom						AF Civil
ESF TASK # TITLE DESCRIPTION AFTL (2009) Mode Trace 1 AFTL (2009) Provide facility security operations. This capability includes establish and maintaining a secure perimeter. Also includes parforming utinatability and the development of the operating operations. Internal and the development of the development of the analysis of the development of the analysis of the development of the analysis of the development operations of the analysis of the development of the development of the analysis of the development of the development of the analysis of the development of th						Engineer Brime REEE
ESF TASK # TITLE DESCRIPTION AFTL (2009) HORSE Match ESF TASK # TITLE DESCRIPTION AFTL (2009) HORSE Match Image: Construction of the state of t						and/or RFD
Provide Bacity security operations. This capability includes establish and mininarianizing as secure perimeter. Also includes performing witherability and threat assessments, securing designated critical facilities and structures to provide Facility Provide Facility Provide Facility Provide Particle control of estimated critical facilities and structures to provides protection of designated critical facilities and structures to provide protection of designated critical facilities and y and welfare. Provide Particle control of estimated critical facilities and y and welfare. Provide Point/Stee Provide Point/Stee Provide Point/Stee Provide Point/Stee Control of the synthemic operations of a certain Provide Point/Stee Provide Point/Stee Control of the synthemic operations of a certain Provide Point/Stee Provide Point/Stee Control of the synthemic operations of a certain Provide Point/Stee Provide Point/Stee	ESF	TASK #	TITLE	DESCRIPTION	AFTL (2009)	HORSE Match
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13 13.1.7 Operations Provide public safety support. This capability includes manning traffic control points, access control, presence patrols, observation, escort, and protective services. This capability provides direct support to law enforcement to mitigate the effects of an escalated incident, civil disturbance, or natural/manmade disaster. May be ersonnel. None identified 13 13.2.1 Safety Support				in transit, including transporting personnel or cargo deemed at risk of		
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Provide public safety support. This capability includes manning traffic control points, access control, presence patrols, observation, escort, and protective services. This capability provides direct support to law enforcement to mitigate the effects of an escalated incident, civil disturbance, or natural/manmade disaster. May be required to support quarantine operations. Note: Limited or no badged bersonnel, does not include powers of arrest. None Identified						
13 13.2.1 Safety Support				Provide public safety support. This capability includes manning traffic control		
Provide Public Provide Public natural/manmade disaster. May be required to support quarantine operations. 13 13.2.1 Safety Support Note: Limited or no badged bersonnel, does not include powers of arrest. None Identified				points, access control, presence patrols, observation, escort, and protective services. This canability provides direct support to law enforcement to		
Provide Public natural/manmade disaster. May be required to support quarantine operations. 13 13.2.1 Safety Support Note: Limited or no badged bersonnel, does not include powers of arrest. None Identified				mitigate the effects of an escalated incident. civil disturbance. or		
13 13.2.1 Safety Support Note: Limited or no badged personnel, does not include powers of arrest.			Provide Public	natural/manmade disaster. May be required to support quarantine operations.		
······································	13	13.2.1	Safety Support	Note: Limited or no badged personnel, does not include powers of arrest.	None Identified	
Provide crowd control support. This capability includes crowd control activities				Provide crowd control support. This capability includes crowd control activities		
and measures to preserve or restore order in response to events that could, or			Provide Crowd	and measures to preserve or restore order in response to events that could, or		
13 13.2.2 Control Support interruption of essential services, or destruction of critical assets.	13	13.2.2	Control Support	interruption of essential services, or destruction of critical assets.	None Identified	

				TIER 1: DIRE	ECT MATCH
					AFUTL (2013)
					AF Civil
					Engineer
					and/or RED
ESE	TASK #	TITI F	DESCRIPTION	AFTL (2009)	HORSE Match
LOI	TASK #		DESCRIPTION	ATTE (2003)	HOROL Maton
			Provide Public Affairs Office (PAO) Augmentation in Joint Information		
			Center(s) (JIC). This capability includes operating in a JIC, planning,		
			coordinating, credentialing, briefing, escorting media representatives,		
			preparing media support materials, releasing approved information to the		
			media, coordinating and executing subject matter expert interviews, internal		
			communication, participating in and monitoring social media, responding to		
		Provide Public	public and media inquires. May also include supporting and providing		
		Affairs Office	information for the scenario-specific web site, and non-governmental		
		(PAO)	site and providing guidance and support as required, and coordinating with		
		in Joint	ioint interagency, and non-governmental agencies, developing		
		Information	communications, Incident Action Plans (IAPs) and messages, press		
15	15.1.1	Center(s) (JIC	releases, media campaigns, news advisories or other prepared materials.	AFT 3.1.1.1.7	
			Provide Public Affairs (PAO) representative(s) to the Joint Information		
			Center(s) (JIC). This capability includes providing a military spokes person		
			operating in a JIC, or public information office, coordinating the military		
			information and messages to the JIC for integration into the overall public		
			outreach, preparing media support materials, releasing approved information		
			internal communication, participating in and monitoring social media		
			responding to public and media inquires. Maintain communications and		
			coordination with the parent command to serve as a channel of media		
			information between the supporting organization and the JIC. May also		
			include supporting and providing information for the scenario-specific web site,		
		Provide Public	and non-governmental agencies, supporting and providing information for the		
		Affairs (PAO)	scenario-specific web site and providing guidance and support as required,		
		Representative(s)	and coordinating with joint, interagency, and non-governmental agencies,		
		to the Joint	and messages, press releases, media campaigns, power advisories or other		
15	15.1.2	Center(s) (JIC)	prepared materials.	AFT 3.1.1.1.7	
			Augment community relations and outreach support. This capability includes		
			providing personnel and equipment to the Incident Command Structure to		
			assist with community relations and outreach efforts, disseminating approved		
		Augment	information and canvassing as directed by proper authority. May also include		
		Relations and	based voluntary and other community based organizations to disseminate or		
15	15.2.1	Outreach Support	canvass information regarding services available.	AFT 3.1.1.1.7	
			Augment distinguished visitor center. This capability includes providing		
			support to the assigned incident or military command structure to assist with		
			requests for information, visits, or updates from authorized dignitaries and		
			officials. May assist with processing Invitational Travel Authorizations (ITA),		
		Augumant	preparing and presenting briefings, providing situational updates, and		
1		Distinguished	coordinating informational gamening visits and tours. Provides advance		
15	15.2.2	Visitor Center	a visit.	AFT 3.1.1.1.7	
			Provide Inter-governmental/interagency liaison. This capability includes		
1			providing subject matter experts prior to, during, or following an event to serve		
1			as the channel of communications and facilitating information exchange		
1			perween supporting and supported agencies and organizations, gathering,		
1			managers/planners/ responders (at multiple levels) and the military resource		
1		Provide Inter-	provider. Areas may include law enforcement, fire protection hurricane		
1		governmental/Inte	response, information centers, emergency operations centers, airfields,		
15	15.3.1	ragency Liaison	staging areas, joint field offices, etc.	None	
1			Provide technical assistance support. This capability provides the mechanism		
1			civil authorities drawing on unique and specialized skills equipment and		
1			facilities within the military to improve preparedness of responders. This		
1		Provide Technical	capability includes resources, expertise, education and training to external		
1		Assistance	agencies and individuals as requested by civil authority to develop and		
15	15.3.2	Support	sustain capabilities in support of improved preparedness and response.	AFT 3.1.1.1.7	
1			Provide current information to stakeholders. This capability includes providing		
1		Provide Current	information on current public attains activities, issues and concerns. May		
1		Information to	points, identifying key publics, measuring effectiveness, and correcting		
15	15.3.3	Stakeholders	misperceptions.	AFT 3.1.1.1.7	

APPENDIX B

CIVIL SUPPORT TASK LIST (CSTL) TIER 2 ANALYSIS

				TIER 2: INDIRECT MATCH	
					AFUTL (2013) AF Civil
					Engineer Prime BEEF
	TAOK #		DECORIDE ION		and/or RED HORSE
ESF	TASK #	IIILE	DESCRIPTION Provide ground transportation of personnel. This capability includes planning	UJIL	Match
			coordinating, and supervising movement from a single point in a single		
			movement, tracking and reporting on personnel moved, and securing		
		Provide Ground	additional supplies and support such as maintenance and fuel. It may also		
		Transportation of	include safety escorts. This capability does not include medical evacuation of		
-	1.1.1	reisonnei	Provide transportation of palletized materials. This capability includes	OF 4.5.1	
		Provide Ground	planning, coordinating, and supervising movement from a single point in a		
		Transportation of	single movement over improved, semi-improved, or unimproved roads and		
		Palletized	highways, tracking and reporting on materials moved, and securing additional	00 4 5 4	
1	1.1.2	Materials	supplies and support such as maintenance and tuel.	OP 4.5.1	
			planning, coordinating, and supervising movement from a single point in a		
		Provide Ground	single movement over improved, semi-improved, or unimproved roads and		
		Transportation of	highways, tracking and reporting on materials moved, and securing additional	00454	
1	1.1.3	Dry Bulk Material	supplies and support such as maintenance and fuel.	OP 4.5.1	
			Provide ground transportation of bulk fuel. This capability includes planning,		
			coordinating, and supervising movement or automobile/diesel fuel from a		
		Provide Ground	single point in a single movement over improved, semi-improved, or		
1	111	I ransportation of	unimproved roads and highways, tracking and reporting on materials moved,		
<u> </u>	1.1.4	Buik ruei	Provide transportation of potable bulk water. This capability includes planning.	OF 4.3.1	
			coordinating, and supervising movement from a single point in a single		
		Provide Ground	movement from a single point in a single movement over improved, semi-		
		Transportation of	improved, or unimproved roads and highways, tracking and reporting on water		
1	1.1.5	Water	and fuel.	OP 4.5.1	
			Provide transportation of non-potable bulk water. This capability includes		
			planning, coordinating, and supervising movement from a single point in a		
		Provide Ground	single movement from a single point in a single movement over improved,		
		Non-Potable Bulk	water moved, and securing additional supplies and support such as		
1	1.1.6	Water	maintenance and fuel.	OP 4.5.1	
			Provide ground transportation of heavy equipment, and oversized loads. This		
		Provide Ground	capability includes the planning, coordinating, and supervising movement from a single point in a single movement from a single point in a single movement		
		Heavy Equipment,	over improved, semi-improved, or unimproved roads and highways, tracking		
		and Oversized	and reporting on equipment moved, and securing additional supplies and		
1	1.1.7	Loads	support such as maintenance and fuel.	OP 4.5.1	
			Provide Ground Transportation of Human Remains. This capability includes		
			single movement from a single point in a single movement over improved.		
			semi-improved, or unimproved roads and highways, tracking and reporting on		
		Provide Ground	equipment moved, and securing additional supplies and support such as		
1	1 1 0	Transportation of	maintenance and fuel. Note: This capability does not include medical	SN 0 4 4	
\vdash	1.1.0		Provide air transportation of personnel. This capability includes planning.	JIN 9.4.4	
			coordinating, supervising, maintaining manifests of passengers using fixed or		
		Provide Air	rotary wing aircraft, launching from and recovering to airports/airfields,		
1	1 2 1	Transportation of	airstrips, landings zones, as available. This capability does not include	OP 1 1 2 1	
	1.2.1	Provide Air	Provide air transportation of palletized materials. This capability includes	UF 1.1.2.1	
		Transportation of	planning, coordinating, supervising, maintaining manifests of materials using		
		Palletized	fixed or rotary wing aircraft, launching from and recovering to airports/airfields,		
1	1.2.2	Material	airstrips, landings zones, as available.	OP 1.1.2.1	
	l III			TIER 2	: INDIRECT MATCH
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ESF	TASK #	TITLE	DESCRIPTION	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
			Provide air transportation of heavy equipment. This capability includes planning, coordinating, supervising, maintaining manifests of equipment using fixed wing aircraft, launching from and recovering to airports/airfields, airstrips,		
		Air Transportation	landings zones, as available and as needed. Types of heavy equipment that		
1	123	Fouinment	can be transported includes, but is not inflited to, helicopters, construction	OP 1121	
<u> </u>	1.2.5	Equipment	Provide air transportation of outsized loads. This capability includes planning.	01 1.1.2.1	
			coordinating, supervising, maintaining manifests of load transport of single		
			item cargo that exceeds 1,000 inches (25.4 m) in length, 117 inches (3 m) in		
		Provide Air	width, and 105 inches (2.7 m) in height. Capability uses airports, airfields,		
		Transportation of	and airstrips, as available and as needed. Note: Aircraft's cubic footage		
1	1.2.4	Outsized Loads	capacity may be exceeded well before weight capacity	OP 1.1.2.1	
			Provide air transportation of shipping containers. This capability includes		
		Provide Air	fixed or rotany wing aircraft using airports/airfields, airstring, landings zones		
		Transportation of	as available and as needed. Type of shipping containers include, but is not		
		Shipping	limited to, sea-land shipping containers, air freight containers, and enclosed		
1	1.2.5	Containers	trailers.	OP 1.1.2.1	
			Provide aerospace operations/control. This capability includes planning, directing and executing joint or combined regional aerospace operations,		
			development of short and mid-term aerospace strategy, producing and dissominating regional Airspace Control Orders (ACO)/Air Tacking Orders		
		Provide	(ATO) delineating the flights missions timing and coordination. It also		
		Aerospace	includes communication and coordination with other agencies or assets as		
		Operations/Contro	applicable, day-to-day air operations, and conducting air and space		
1	1.2.6	I	operational assessment.	SN 3.4.1	
		Augment Air			
		Traffic Control	Augment air traffic control operations. This capability includes personnel to		
1	1.2.7	Operations	augment ongoing ATC operations at civilian or military airfields.	OP 6.1.3	
		Establish and Provide Air Traffic Control	Establish and provide air traffic control operations. This capability includes personnel and equipment to establish and operate at designated airfield. This may include Air Traffic Control at fixed or temporary locations supporting fixed wing or rotary wing aircraft, airfield/landing zone under Visual Flight Rules (VFR) and Instrument Flight Rules (IFR) conditions for multiple aircraft types on small to large temporary/ permanent airfields/landing zones, handling military and civilian aircraft alike. The capability may also include the establishment/reestablishment of operational airfields, landing areas/drop zones, using a variety of communication radios, navigational aids, and weather observation equipment and skills. Communications equipment may include Very High Frequency (VHF), Ultra High Frequency (UHF), Frequency Modulation (FM), and High Frequency (HF) radio capabilities to ensure safe separation of inbound/outbound aircraft. Navigation(TACAN), Global		
1	1.2.8	Operations	Positioning System (GPS), and Microwave Landing System (MLS).	OP 6.1.3	

				TIER 2	: INDIRECT MATCH
ESF	TASK #	TITLE	DESCRIPTION	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
		Establish and			
		Operate	Establish and operate emergency communications center. This capability		
		Emergency	includes Video, unsecure/unclassified internet, on-site radio, and public		
		Communications	switch telephone network (PSTN), communications support for emergency		
2	2.1.1	Center	management, and incident command activities.	ST 5.1	
		Provide Mobile	Provide mobile emergency communications support. This capability includes		
		Emergency	video, unsecure/unclassified internet, on-site radio, and public switch		
		Communications	telephone network (PSIN), communications support for emergency	o . .	
2	2.1.2	Support	management, and incident command activities.	SI 5.1	
			Provide spectrum/frequency management. This capability includes		
		Dravida	coordinating, managing and controlling use of the electromagnetic spectrum.		
		Provide Spootrum/Eroguo	It also includes validating, de-connicting, and providing status reports for		
2	212	Spectrum/Freque	bande	ST 5 1 7	
	2.1.5	Provide	Dalius.	51 5.1.7	
		Temporary	Provide temporary telecommunications support. This canability includes		
		Telecommunicati	establishing and operating telecommunications support to restore disrupted		
2	2.2.1	ons Support	service for critical sites and locations	SN 5 1 2 1 5	
<u> </u>		Provide Radio	Provide radio communication support. This capability includes establishing	0.1 0.1.2.1.0	
		Communication	and operating radio communications network to restore disrupted service for		
2	2.2.3	Support	critical sites and locations. May include secure communications.	ST 5.1	

				TIER 2	: INDIRECT MATCH
ESF	TASK #	TITLE	DESCRIPTION	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
		Provide Ground	capability includes assessing the general habitability of residences, public		
		Based Non-	facilities, areas of high importance, and other areas of vertical infrastructure.		
		Iechnical	This capability also includes supporting assessment by professional civil,		
		Damage	support assessment staff, remote sensing and computer modeling. Types of		
3	3.1.1	Assessment	assessment include supporting posting levels of access. Note: Teams	SN 3.3.6.1	
3	3.1.2	Provide Road Damage Assessment	Provide road damage assessment. This capability includes determining and reporting the location, quantity and types of damage (Such as culverts, pot holes, and retaining walls). It may also include general assessments of ability and efforts to clear routes for emergency use.	SN 3.3.6.1	
3	3.1.3	Provide Bridge Damage Assessment	Provide bridge damage assessment. This capability includes determining structural stability (such as deck, supports, or abutments and approaches), the location, quantity and types of damage, in an effort to determine load carrying capacity.	SN 3.3.6.1	
		Dravida Danid			
2	214	Runway/Airfield Damage	Provide Rapid Runway/Airfield Damage Assessment. This capability includes determining the location, quantity and types of damage of runways, taxiways, believed, abort/patient televelf and landing zeros.	SN 2 2 6 1	
3	3.1.4	Assessment	neipads, short/ventical takeoil and landing zones.	SIN 3.3.0.1	
3	3.1.5	Provide Minimum Operating Strip	Provide Minimum Airfield Operating Strip (MAOS) determination. This capability includes non-traditional determination of types and number of aircraft able to use the runway/landing zone, or taxiway route as well as location of proposed ramp space. It also includes making recommendations for repairs to increase airstrip usable area, and uses information gathered by the damage assessment team to determine operating strip/landing zone.	SN 3.3.6.1	
3	3.1.6	Provide Non- Technical Post Incident Damage Survey	Provide non-technical post-incident damage survey. This capability includes utilizing windshield surveys and dismounted teams to conduct rapid field surveys, recording and reporting damage, and assisting officials with determining extent & severity to structures.	SN 3.3.6.1	
	2 1 7	Conduct Engineer Estimate for Temporary/Emerg ency Horizontal	Conduct engineer estimate for temporary/emergency horizontal repair. This capability includes cost horizontal construction estimates providing engineering support to repair/restore roadways, cuts, fills, culverts, and emplace temporary bridges. Estimate includes required resources, time, and recommended priorities of effort	SN 2 2 6 1	
3	3.1.7	nepali	Provide aerial post-incident damage assessments. This capability includes	JIN 3.3.0. I	
3	3.1.8	Provide Aerial Post-Incident Damage Assessments	conducting aerial surveillance to determine the area and extent impacted by the incident, the trafficability of roadways based on observed traffic patterns, observed structural collapse, and observed impacts on the population within the affected area. This task does not include engineering assessments, determinations of habitability of residences, public facilities, areas of high importance, and other areas of infrastructure.	SN 3.3.6.1	
			Provide temporary bridge emplacement. This capability includes utilizing		
3	2 2 1	Provide Temporary Bridge	standardized prefabricated components for temporary restoration of single lanes across dry/wet voids that can be disassembled upon restoration/replacement of permanent bridge, or when no longer required. These bridges can be built to match a wide range of vehicular bridging applications. Note: May use unit bridging equipment or contract furnished bridge sct.	OP 462	RH (S and L), PB (S, M,
	0.2.1	Provide Rapid Runway and/or Airfield Damage	Provide Rapid Runway Repair (RRR)/Airfield Damage Repair (ADR). This capability includes temporary repair to restore structural integrity of horizontal structure. Note: A standard RRR/ADR team consisting of a minimum of seven heav equipment operators certified to operate associated/ required heav	01 4.0.2	RH (S and L), PB (S_M.
3	3.2.2	Repair	vehicle equipment.	OP 4.6.2	and L)

				TIER 2	2: INDIRECT MATCH
ESF	TASK #	TITLE	DESCRIPTION	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
		=			
3	3.2.3	Provide Emergency Road Repair	Provide emergency road repair. This capability includes temporary road repairs for roads and traffic ways that hinder critical infrastructure accessibility. Note: Materials must be acquired/provided.	OP 4.6.2	RH (S and L), PB (S, M, and L)
		Provide Temporary Structure Repair/Constructio	Provide temporary structure repair/construction. This capability includes temporary repairs of existing structures and/or construction of temporary structures for emergency operations, public shelters, points of distribution, emergency medical facilities, tentage, and other critical infrastructures needed to provide/sustain public health and safety. This capability also includes determining structure points of entry, status of load bearing walls,		RH (S and L), PB (S, M,
3	3.2.4	n	and calculating types and quantity of required materials.	OP 4.6.2	and L)
3	3.2.5	Provide Roof Top Snow Removal	Provide roof top snow removal. This capability includes coordinated disciplined crew, leadership, and hand tools to remove snow from roof tops that are not more than 4/12 pitch to prevent collapse. Note: This capability is limited to emergency situations only and does not include ice conditions.	OP 4.6.2	RH (S and L), PB (S, M, and L)
		Provide Emergency Snow	Provide snow removal support. This capability includes snow removal from roadway systems, and/or application of material for traction purposes, such as salt, brine solution, or sand, etc. and other areas needed to maintain		RH (S and L), PB (S. M.
3	3.2.6	Removal Support	transportation networks and/or access to critical infrastructure.	OP 4.6.2	and L)
2	2 2 7	Emergency Debris	Provide emergency debris removal. This capability includes operations of demolition, clearance, removal, transport, segregation, reduction, and/or disposal of debris. Debris types are structures, trees, bulky vegetation, gravel, sand, dirt, appliances, and animals. This capability does not include point of a court composed.	00.46.2	RH (S and L), PB (S, M,
3	3.2.1	Provide Route	Provide route clearance. This capability includes route clearance for roads	UP 4.6.2	RH (S and L), PB (S, M,
3	3.2.8	Clearance	and traffic ways to facilitate emergency access.	OP 4.6.2	and L)
3	3.2.9	Provide Water Systems Inspections Support	Provide water system inspections support. This task includes sampling, disinfection, water tank inspections for damage or leaks. Engineering support will be required to ensure temporary system restoration at a minimum.	OP 4.6.2	RH (S and L), PB (S, M, and L)
2	3 2 10	Provide Wastewater Inspection and Support	Provide wastewater inspection support. This capability includes sampling, disinfection, waste water plant inspections, sewer flush out, water treatment, personnel decontamination. Engineering support will be required to ensure temporary system restoration at a minimum. Note: To accomplish this capability additional resources such as electricity, water distribution, waste water system repair, welding, security, heavy equipment operations may be required.	OP 4 6 2	RH (S and L), PB (S, M, and L)
3	5.2.10	Support	Provide sandbagging support. This capability provides for filling sandbags, and	UF 4.0.2	
3	3.2.11	Provide Sandbagging Support	stacking them to create a barrier to block, turn, fix, or disrupt intrusions such as flood water, contaminants, and critical infrastructure protection. May include removal and disposition of sandbags. Note: May require high water transportation assets to move personnel and equipment.	OP 4.6.2	RH (S and L), PB (S, M, and L)
3	3.2.12	Provide Temporary Maritime Terminal and Port Repair Services	Provide terminal and port repair services. This capability includes repair of structural damages to terminals and ports to restore functionality for embarking and debarking operations. Note: This capability may require additional capabilities such as damage assessment and heavy equipment support.	OP 4.6.2	RH (S and L), PB (S, M, and L)

				TIER 2	: INDIRECT MATCH
ESF	TASK #	TITLE	DESCRIPTION	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
			Provide engineer equipment support. The capability includes		
			utilizing/operating engineer equipment for ingress and egress into areas, earth		
			movement, debris movement, etc. Types of equipment could include dozers		
			(with or without rippers, with or without winches), graders, backhoes, dump		
		Provide Engineer	trucks, skid steers, rollers (smooth, sheep's foot roller, and/or vibratory),		
•		Equipment	water truck, front end loaders, excavators, cranes, and supporting assets.	00 4 6 6	RH (S and L), PB (S, M,
3	3.2.13	Support	Note: May require transportation of engineer equipment.	OP 4.6.2	and L)
		Tomporary			
		Roade/Trails	Provide Temporary Roade/Trails Construction Support This canability		
		Construction	includes construction of temporary roads and trails. May be used to bypass a		RH (S and L) PR (S. M
3	3.2.14	Support	natural or man-made obstacle.	OP 4.6.2	and L)
			Provide general utility repair. This capability includes support at installation		
			facility level. Support may include restoration of gas, electrical,		
			telecommunications, potable water, oil, waste water and storm drain. May		
			include location marking, pressure testing, energized line testing, temporary		
		Provide General	line lifting. Note: This capability may require additional resources such as		RH (S and L), PB (S, M,
3	3.2.15	Utility Repair	security, heavy equipment.	OP 4.6.2	and L)
		Provide Engineer			
		Support to Base			
		Camp and	Provide engineer support to base camp and staging area operation. This		
		Staging Area	capability includes vertical construction, horizontal construction, earth		RH (S and L), PB (S, M,
3	3.3.1	Operations	movement support, and maintenance.	OP 4.6.2	and L)

				TIER 2	: INDIRECT MATCH
					AFUTL (2013) AF Civil
					Engineer Prime BEEF
					and/or RED HORSE
ESF	TASK #	TITLE	DESCRIPTION	UJTL	Match
			Provide wildland firefighting hand crew. This capability includes hot spot mop-		
		Provide Wildland	up to prevent re-ignition, fireline construction, and maintaining accountability		
		Ground	and situational reporting as required. Note: This capability may not include		
		Firefighting Hand	seasonal experience or leadership qualifications in accordance with National		
4	4.1.1	Crew	Standards.	SN 8.1.5	
			Provide Firefighting Teams w/Equipment. This capability includes fire engine		
		Provide	team for wildland or urban fire suppression to protect structures or wildland		
		Firefighting	within the fire area and prevent fires from crossing established firelines, hot		
		Teams	spot mop up capabilities to prevent re-ignition, and maintaining accountability		
4	4.1.2	w/Equipment	and situational reporting as required.	SN 8.1.5	
			Provide engine strike team. This capability includes fire suppression to		
			protect structures or wildland within the fire area and prevent fires from		
			crossing established firelines, hot spot mop-up to prevent re-ignition, and		
			maintaining accountability and situational reporting as required. Note: A		
		Provide Engine	Strike Team consists of 5 engines of the same type and capacity, and a		
4	4.1.3	Strike Team	command unit.	SN 8.1.5	
			Provide firefighting dozer support (single resource). This capability includes		
			fire suppression to protect structures or wildland within the fire area and		
		Provide	prevent fires from crossing established firelines removing all combustible		
		Firefighting Dozer	material and creating a barrier between the fire and areas of vulnerability,		
		Support (Single	clearing existing firelines, providing support to fireline hand crews, and	011015	
4	4.1.4	Resource)	maintaining accountability and situational reporting as required.	SN 8.1.5	
			Provide dozer strike team. This capability includes fire suppression to protect		
			structures of wildiand within the life area and prevent lifes from crossing		
			established lifelines, removing all combustible material and creating a barrier		
			between the life and areas of vulnerability, clearing existing lifelines, providing		
		Provido	support to melline hand crews, and maintaining accountability and situational		
		Firofighting Dozor	transporter vehicles (usually low boy), 2 operators, 2 ground guides, strike		
4	415	Striko Toam	team loader, loader vehicle with driver	SN 8 1 5	
-	4.1.5	ounce realin	Provide Aircraft Rescue and Eirefighting (AREE) support This canability	0110.1.5	
			includes rescuing crews from downed aircraft and suppress aircraft fires while		
			maintaining accountability and situational reporting as required. Note: Crew		
			consist of at least 3 Personnel. Tank minimum capacity (Gal) 500. Pump		
		Provide Airfield	minimum flow (GPM) 150 @ 250 PSI. Hose 2 ½ inch double jacket 300 Feet.		
		firefighting/Crash	Hose 1 ½ or 1 ¾ inch double jacket 500 Feet. 1 Intake 2 ½ inch. Ladder 14		
4	4.1.6	Rescue Support	feet, Cab-mounted spot lights 2.	SN 8.1.5	
		••	Provide Fire Truck with Aerial Ladder or Platform truck. This capability		
			includes urban fire suppression to protect structures within the fire area and		
		Provide Aerial	prevent fires from spreading to exposed areas fighting fire from an aerial		
		Ladder or	ladder or platform and or performing rescue operations, while maintaining		
4	4.1.7	Platform Truck	accountability and situational reporting as required.	SN 8.1.5	
1					
		Provide Water	Provide water tender. This capability includes water tender to support		
4	4.1.8	Tender	firefighting operations.	SN 8.1.5	
Ι.		Provide Foam			
4	4.1.9	Tender	Provde toam tender to support mainly airfield firefighting operations.	SN 8.1.5	
1		Provide	Provide neicopter firefighting operations. This capability includes deploying		
1	1	Helicopter	The extinguishing agents. It also includes fire line support and containment,		
Ι.		Firefighting	and not spot mop-up in fire areas, and maintaining accountability and	011015	
4	4.2.1	Operations	situational reporting as required.	SN 8.1.5	

				TIER 2	: INDIRECT MATCH
ESF	TASK #	TITLE	DESCRIPTION	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
		=	Provide MAFFS Operations. This capability includes one or both types of		
			airborne retardant/water drop MAFFS systems. MAFFS 1 is a pressurized		
			3000 gallon tank system aboard an aircraft able to drop retardant or water at		
			a rate of under live seconds, covering one quarter of a mile long and 60 reel		
			system capable of mixing retardant in-flight, drops fire-retardant chemicals		
			used in fighting forest fires, and employs an on-board compressor system		
		Provide Modular	replacing the ground support equipment requirements of the original MAFFS		
		Airborne Fire	1. Aircraft can fly in non-optimum weather, takeoff and land on short field		
		Fighting System	runways, and fly at extremely low altitudes to ensure maximum retardant		
		(MAFFS)	application to the target area. A support aircraft will typically accompany the	011015	
4	4.2.2	Operations	C-130 operational aircraft.	SN 8.1.5	
			Provide fixed wing operations - modular airborne fire fighting system		
			(MAFES) C-130 aircraft to dispense water or retardant at very low altitudes		
		Provide Fixed	Note: Uses air tanker, type 1, able to dispense up to 3000 gallons of		
		Wing Operations -	retardant or water. MAFFS must be coordinated and approved by USFS, can		
		Modular Airborne	be loaded at approved air tanker base, drops in conjunction with MAFFS lead		
		Fire Fighting	pilots and aircraft systems, and operations conducted in accordance with		
4	4.2.3	System (MAFFS)	USFS MAFFS Operating Plan.	SN 8.1.5	
			Provide Maritime Firefighting. This capability includes firefighting on vessels,		
			In littoral waters, inland waters, or onshore facilities near the water. Support is		
		Dravida Maritima	for the minimum time necessary to provide for the search and rescue of		
		Firefighting	This canability does not include use of airborne assets or use of search and		
4	4.3.1	Services	rescue teams.	SN 8 1 5	

				TIER 2	: INDIRECT MATCH
					AFUTL (2013) AF Civil
					Engineer Prime BEEF
ESE	TASK #	TITLE	DESCRIPTION	11171	Match
ESF	TASK #	1116	Provide emergency planning support. This capability includes facilitating the	0312	Match
			development, review, and integration of emergency response plans in		
			preparation for or in response to, natural or manmade disasters, and civil		
			emergencies. This planning supports State strategy and meets the		
			requirements of the National Response Framework, State specific emergency		
		Provide Response	management plans, and the National Incident Management System. It may		
_		Plan Integration	also support individual agencies, Non-Governmental agencies, or		
5	5.1.1	Support	federal/regional/statewide plans integration.	ST 5.4.2	
			Provide planning section support. This canability includes assisting with the		
			facilitation of the planning process the collection evaluation dissemination		
			and use of information about the incident, and the status of resources in		
			preparation for, or in response to, natural or manmade disasters, and civil		
			emergencies. This capability also includes supporting the establishment of		
			information requirements and reporting schedules for the Planning Section,		
			and assisting in the determination of needed specialized resources in support		
			of the incident. Additional supporting duties may include: assisting with the		
			preparation of the Incident Action Plan, assisting in the assembly of		
			information on alternative strategies, and periodic predictions on incident		
		Provido Planning	potentials, supporting the re-assignment of out-of –service personnel already		
5	512	Section Support	and implementation of the Incident Demobilization Plan	ST 5 4 2	
-	••••=		Provide strategic planning facilitation. This capability includes facilitating the	0101112	
			development, review, and integration of strategic plans in preparation for, or in		
			response to all hazards, and civil emergencies. This planning supports State		
		Provide Strategic	strategy and State specific emergency management plans. It may also		
_		Planning	support individual agencies, Non-Governmental agencies, or		
5	5.1.3	Facilitation	tederal/regional/statewide plans integration.	SN 5.3.1	
			the preparation and development of operational plans, gathering information to		
			determine requests or release of resources, and making changes to the		
			Incident Action Plan as directed in preparation for, or in response to, natural		
			or manmade disasters, and civil emergencies. This capability may also		
			include assisting with the orientation of Operations Section personnel in		
			accordance with the Incident Action Plan, assembling and reporting		
		.	information about special activities, events and occurrences to the Incident		
		Provide	Commander, and maintaining the Unit/Activity Log. Assigned personnel may		
5	514	Operations Section Support	dev/night operations, evacuation or contingency planning operations,		
5	5.1.4	Section Support	Provide Logistics Section support. This task includes assisting the Logistics	OF 4.7	
			section with providing staffing and planning support, assisting with the		
			development and implementation of the Incident Action Plan (IAP), and		
			providing assistance with the activation of the branches and units in the		
		Provide Logistics	Logistics Section in preparation for, or in response to, natural or manmade		
5	5.1.5	Section Support	disasters, and civil emergencies.	ST 8.4	
			Provide ground imagery support. This capability includes the collection and		
			medium including still and full motion video, infrared and thermal imageny		
			May include limited imagery analysis support. This task includes taking		
			collecting, recording and archiving images for the purpose of historical and		
			anecdotal records, posed and candid images, and may include technical		
			images in support of post incident investigations and assessments. This task		
		Provide Ground	may support the full range of disasters and emergencies including both		
5	5.2.1	Imagery Support	natural and man-caused events.	SN 2.3.1	
			Provide Aerial Imagery Support. This capability includes the collection and		
			a variety of medium including still and full motion video, infrared and thermal		
1			imagery. May include limited imagery analysis support. This task includes		
1			taking, collecting, recording and archiving images for the purpose of historical		
1			and anecdotal records, posed and candid images, and may include technical		
1			images in support of post incident investigations and assessments. This task		
		Provide Aerial	may support the full range of disasters and emergencies including both	a	
5	5.2.2	Imagery Support	natural and man-caused events.	SN 2.3.1	
1			Provide maritime imagery support. This capability includes imagery analysis		
1			support, surface/sub-surface vessel(s) and image analysis system capable of		
1		Provide Maritime	delivering either electro-optical [EO]/infrared [IR]/radar images in inland,		
5	5.2.3	Imagery Support	littoral and/or open ocean areas	SN 2 3 1	

				TIER 2	: INDIRECT MATCH
					AFUTL (2013) AF Civil
					Engineer Prime BEEF
	TAOK #	TIT! C	DESCRIPTION	11.171	and/or RED HORSE
ESF	TASK #	IIILE	DESCRIPTION	UJIL	Watch
			Establish emergency shelter using existing structure(s). This capability		
		Establish	includes identifying and establishing shelters for displaced groups of people		
		Emergency	using existing structures with appropriate size, area, and accessibility for		
		Shelter Using	conducting registration, feeding services, sleeping areas, mental health		
		Existing	services, health services, hygiene, sanitation, security, traffic flow, and		
6	6.1.1	Structure(s)	parking. Note: May not include personnel for shelter operations.	SN 8.2.3	
			Establish emergency shelter using temporary structure. This capability		
			includes identifying and establishing shelters for displaced groups of people		
			using tentage, or other temporary structures with appropriate size, area, and		
		Establish	accessibility for conducting registration, feeding services, sleeping areas,		
		Emergency Sholtor Using	mental nealth services, nealth services, hygiene, sanitation, security, tramic		
		Temporary	tent/structure erection. Note: May not include personnel for shelter		
6	6.1.2	Structure	operations	SN 8 2 3	
			Establish emergency shelter using military facilities. This capability includes		
			identifying and establishing temporary shelters for displaced groups of people		
			using existing structures with appropriate size, area, and accessibility for		
		Establish	conducting registration, feeding services, sleeping areas, mental health		
		Emergency	services, health services, hygiene, sanitation, security, traffic flow, and		
		Shelter Using	parking. NOTE: Armones are not generally appropriate for extended periods of	011000	
6	6.1.3	Military Facilities	Use. Note: May not include personnel for shelter operations.	SN 8.2.3	
			personnel for conducting, or coordinating with Federal. State I ocal, or other		
		Provide	governmental or non-governmental agencies, for registration, feeding services,		
		Emergency	sleeping areas, mental health services, health services, hygiene, sanitation,		
		Shelter	security, traffic flow, and parking. NOTE: This capability requires additional		
6	6.1.4	Operations	capabilities support and special needs considerations.	SN 8.2.3	
		Provide			
		Emergency	Provide emergency shelter inspections. This capability includes inspecting		
		Shelter	established or potential shelters for safety and suitability for occupation in	011000	
6	6.1.5	Inspections	accordance with the proper governing regulations and policies.	SN 8.2.3	
			Management (CISM), Trained Crisis Responder (TCR) and Pastoral Crisis		
			Intervention (PCI) and counseling. Support may be provided by teams		
1			consisting of one officer/chaplain and one enlisted aide, or an individual		
			Chaplain. Provides services for First Responders, victims, support personnel		
		Provide Chaplain	etc. Note: Military clergy are specifically prohibited from ministering to the		
6	6.2.1	Services	general public.	None	
			Provide linguistic services. Provide translation and interpretation services		
1			during an emergency event to communicate instructions, translate and		
1			provide interpretation services. Inis capability includes verbal and written		
1			information broadcasts control of large groups meetings between English		
			and non-English speakers, assistance in document completion, message		
1		Provide Linguistic	conversions, and assisting medical personnel with non-English speaking		
6	6.2.2	Services	patients. Team size varies between 3-5 individuals.	OP 2.2.2.1	
			Provide temporary postal operations support. This capability includes		
			transporting, collecting and receiving mail, selling stamps, providing		
1		Provide Postal	registered, insured, and certified mail services. May also included		
		Operations	management activities, if required. This capability does not include door-to-		
6	6.3.1	Support	door delivery or international mail services.	OP 1.2.3.1	

	İ			TIER 2	: INDIRECT MATCH
					AFLITI (2013) AF Civil
					Engineer Prime BEEF
					and/or RED HORSE
ESF	TASK #	TITLE	DESCRIPTION	UJTL	Match
		Provido Porsonnol	Provide personnel support for warehousing/facility operations. This capability		
		Support for	includes personnel support for receiving storing, packing, preparing		
		Warehousing/Faci	commodities for shipment, issuing, tracking, and distributing		
7	7.1.1	lity Operations	commodities/resources.	SN 4.6.3	
			Provide support equipment for warehousing/facility operations. This capability		
			includes operators and equipment to support receiving, storing, issuing,		
		Provide Support	tracking, and distributing commodities/resources, and operations. May also		
		Equipment for	support sorting, packaging, palletizing, and delivery to indentified points of		
7	712	lity Operations	distribution. Note: Units assigned this task are expected to have the full scope of personnel, equipment and training to perform this tasks to standard	SN 4 6 3	
			Provide Military facilities to support civil authorities. This capability includes		
			maintenance/sustainment, warehousing, medical/triage stations, base-camp,		
		Provide Military	and other appropriate use for civilian authorities. Note: This task requires		
		Support Civil	for usage. Military personnel may be expected to operate and maintain the		
7	7.1.3	Authorities	facilities in accordance with civil authorities.	SN 8.2.3	
		Establish and			
		Operate a Point	Establish and operate a point of distribution. This capability includes		
		Of Distribution	establishing and operating points of distribution of commodities in accordance		
7	7.2.1	(POD)	with Federal standard commodity distribution model.	SN 4	
			Augment for Point of Distribution (POD). This capability includes personnel		
-	7 2 2	Augment Point Of	and/or equipment to support distribution of commodities in accordance with	SNI 4	
	1.2.2	Distribution (FOD)		511 4	
			Provide personnel and support equipment for mobile distribution operations.		
			This capability includes personnel and equipment to support distribution of		
			commodities to affected rural areas, where roads are damaged, and various		
		Augment Mobile	drop locations, in accordance with Federal standard commodity distribution		
7	7.2.3	Operations	per Person.	SN 4	
			Provide Wholesale (Bulk) fuel distribution. This capability includes		
		Brovido	establishing wholesale fuel operations to distribute fuel (diesel or unleaded) to		
		Wholesale (Bulk)	include off-road or unimproved locations. Note: Fuel needs to be acquired or		
7	7.2.4	Fuel Distribution	provided.	SN 4	
		Provide			
		Wholesale (Bulk)	Establish wholesale fuel operations to distribute aviation fuel at existing,		
7	7.2.5	Distribution	locations. Note: Fuel needs to be acquired or provided.	SN 4	
Ė			Provide retail fuel distribution. This capability includes establishing distribution		
			sites to refuel vehicles and small equipment for remote or mobile locations.		
-	726	Provide Retail	Mobile sites may include off road or unimproved locations. Note: Fuel needs	SN 4	
- <u>'</u>	1.2.0	Provide Retail	Provide retail aviation fuel distribution. This capability includes establishing	3IN 4	
		Aviation Fuel	distribution sites to refuel aircraft. May include on-airport, uncontrolled		
7	7.2.7	Distribution	airfields, or remote heliports. Note: Fuel needs to be acquired or provided.	SN 4	

				TIER 2	: INDIRECT MATCH
ESF	TASK #	TITLE	DESCRIPTION	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
7	734	Provide Mass Food Preparation to field and	Provide mass food preparation to field and remote sites. This capability includes personnel and supplies for 2 days operations (to include consumable supplies (fuel etc) augmented with service items such as plates and flatware, and equipment to prepare, and serve, meals. This capability also includes meal planning and preparation, serving, and sanitation. Note: A normal meal schedule will include two hot meals per day augmented by one sack-lunch or Meal Ready to Eat. Note: Resupply requirements and sources must be identified within 24 hours. Resupply process/system will be negotiated as core or proceible with controlling content.	SN 4	
-	7.3.1	remote sites	Provide mass food preparation using military kitchens/facilities. This	3N 4	
			capability includes necessary facilities, personnel, supplies and equipment to		
		Provide Mass	and sanitation. Note: A normal meal schedule will include two hot meals per		
		Food Preparation	day augmented by one sack-lunch or Meal Ready to Eat. Includes		
		Using Military	consumable supplies (fuel etc), augmented with service items such as plates		
7	7.3.2	Kitchens/Facilities	and flatware for 2 days operations.	SN 4	
7	7.4.1	Provide Personal Hygiene Service	Provide mass personal hygiene (shower, sink, and toilet) facilities in rural/urban areas, including controlling/containing gray water and waste products. Note: The military is limited in quantity and location of shower and bath units. Note: Consumable supplies need to be acquired or purchased	SN 4	
<u> </u>	7.4.1		Provide hand washing station(s). This capability includes identifying essential	0114	
			areas (i.e. restrooms, food service areas, waste management areas and		
		Provide	shelters) and establishing unmanned hand washing stations consisting of		
		Unmanned Hand	water source, hand soap, paper towels, trash receptacle and gray water		
		Washing	capture device. Note: Consumable supplies need to be acquired or		
7	7.4.2	Station(s)	purchased.	SN 4	

				TIER 2	INDIRECT MATCH
FOR	TACK	717-5		HER 2	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE
<u>8</u>	8.1.1	IIILE	Description Establish and Operate a Casualty Collection Point. This capability includes establishing and operating Casualty Collection Point providing Basic Life Support (BLS) under the general direction of the Chief Medical Authority (CMA) as designated by proper authority. The Collection Point will operate as an integrated element of emergency response. This capability includes the general tasks of Triage, patient assessment, stabilization, documentation, immobilization, victim resuscitation, application of basic initial medical procedures to sustain life, patient stabilization, and preparation for transport. It also includes simple triage and rapid treatment (START), basic initial medical assistance, patient stabilization, and preparation for transport. Casualty transportation is not included in this task.	OP 4.4.3	Matuli
		Establish and Operate a Casualty	Provide Basic Life Support (BLS) in an established medical facility. This capability includes the general tasks of Triage, patient assessment, stabilization, documentation, immobilization, victim resuscitation, application of basic initial medical procedures to sustain life, patient stabilization, and preparation for transport. It also includes simple triage and rapid treatment (START), basic initial medical assistance, patient stabilization, and preparation for transport. This task represents operating as additional or adjunct staff in support of the range of medical treatments available at the supported facility. Note: Medical support is provided under the general direction of the medical professional responsible for the specific facility.	00.4.4.2	
8	8.1.3	Provide Qualified Staffing For Basic Life Support In An Established Medical Facility	Support they be provided in a chiral, hospital, surglear, or leadence setting, Provide Basic Life Support (BLS) for field stabilization. This capability includes conducting field stabilization of casualties, operating individually or in teams to identify and provide services to casualties in preparation for transportation to locations where higher levels of care can be provided. May also include triage, patient assessment, airway maintenance, Spinal immobilization, bleeding control, limited documentation, and stabilization in preparation for transportation to an estabilished medical treatment facility.	OP 4.4.3	
•	8.2.1	Augment Advanced Life Support (ALS) in an established modical calibu	Augment Advanced Life Support (ALS) in an established medical facility. This capability includes augmentation in an established medical facility providing cardiac monitoring, cardiac defibrillation, transcutaneous pacing, Intravenous cannulation (IV), Intraosseous (IO) access and intraosseous intusion surgical cricothyrotomy, needle cricothyrotomy, needle decompression of tension pneumothorax advanced medication administration through parenteral and enteral routes (IV, IO, PO, PR, ET, SL, topical, and transdermal), Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS) or Pediatric Emergencies for Pre-Hospital Providers (PEPP) and Pre-Hospital Trauma Life Support (PHTLS), Basic Trauma Life Support (BTLS) or Interactional Turnen Life Support (BTLS) or Interactional Life Support (PHTLS), Basic Trauma Life Support (BTLS) or Interactional Life Support (PHTLS), Basic Trauma Life Support (BTLS) or Interactional Life Support (PHTLS), Basic Trauma Life Support (BTLS) or Interactional Life Support (PHTLS), Basic Trauma Life Support (BTLS) or Interactional Life Support (PHTLS), Basic Trauma Life Support (BTLS) or Interactional Life Support (PHTLS), Basic Trauma Life Support (BTLS) or Interactional Life Support (PHTLS), Basic Trauma Life Support (BTLS) or Interactional Life Support (PHTLS), Basic Trauma Life Support (BTLS) or Interactional Life Support (PHTLS), Basic Trauma Life Support (BTLS) or Interactional Life Support (PHTLS), Basic Trauma Life Support (BTLS) or Interactional Life Support (PHTLS), Basic Trauma Life Support (PHTLS), Basic Trauma Life Support (PHTLS), Basic Trauma Life Support (PHTLS), Basic Trauma Life Support (PHTLS), Basic Trauma Life Support (PHTLS), Basic Trauma Life Support (PHTLS), Basic Trauma Life Support (PHTLS), Basic Trauma Life Support (PHTLS), Basic Trauma Life Support (PHTLS), PHTLS, PHT	OP 4.43	
•	0.2.1	Establish and Operate Temporary Emergency Medical Care	International reading the support (Incs). Establish and operate temporary emergency medical care facility. This capability includes establishing and operating the necessary infrastructure, and staffing to provide essential care and health services. Capability may also include service in modular hospital configurations or existing facilities providing support outside the disaster area. General capabilities supported may include emergency medical services, surgical services, trauma care, primary care, preventive medicine, and operational stress control, blood banking services, dental services, hospitalization for general classes of patients, medical logistics and other medical specialty capabilities as required Note: May result in release of patient following emergency care, or stabilization to ensure the patient can tolerate evacuation to a definitive care facility outside the immediate disaster area. Requires additional laboratory,	00 443	
0	0.3.1	Augment Emergency Medical Care	pharmatey, radiology, and physical releapy services. Augment Emergency Medical Care Capabilities. This capability includes personnel to augment existing staff providing essential care and health services to either release patient following emergency care, or stabilization to ensure the patient can tolerate evacuation to a definitive care facility outside the immediate disaster area. Capability may also include service in temporary (modular) hospital configurations or existing facilities providing support outside the disaster area. General capabilities supported may include emergency medical services, surgical services, trauma care, primary care, dental services, preventive medicine, and operational stress control, blood banking services, hospitalization for general classes of patients. Note: Requires additional laboratory, pharmacy, radiology, and physical therapy	07 4.4.3	
8	841	Provide Advanced Emergency Medical Services	servces. Provide advanced emergency medical services. This capability includes using light-weight, modular, mobile medical facility or existing facility, to provide treatment, high-level resuscitation, stabilization, and application of emergency procedures to prolong life, stabilize acute injuries, and prepare for transport to a medical facility outside the affected area. It also includes forward stabilization, and prepare protecting to experiate	OP 4.4.3	
8	8.4.2	Provide Casualty Medical Triage	Provide casualty medical triage. This capate patients for evaluation: for vide casualty medical triage. This capability includes prioritizing treatment of casualties, marking proper medical category and processing accordingly for treatment and/or transport. Provide casualty medical triage in a CBRN environment. This capability	OP 7.9	PB (S, M, and L)
8	8.4.3	Provide Casualty Medical Triage in a Contaminated Environment	includes triage, marking with proper medical category for decontamination priority, and escorted or transported as appropriate to decontamination area for log-in and treatment, with ability to conduct mission in increased levels of protective posture up to Level C. Note: Level C personal protective equipment (PPE) is used when the type of airborne exposure is known to be guarded against adequately by an APR.	OP 7.9	PB (S, M, and L)
8	8.5.1	Provide Ground Casualty Evacuation	Provide Ground Casualty Evacuation. This capability includes transport for personnel requiring basic medical transport as a surge capability. This support would be for the minimum time necessary to basic medical support during transport to a higher level, established medical facility outside of the affected area.	OP 1.6	

				TIER 2: INDIRECT MATCH	
ESF	TASK #	TITLE	DESCRIPTION	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
			Provide Ground Advanced Life Support (ALS) transport. This capability		
			includes cardiac monitoring, cardiac defibrillation, transcutaneous pacing,		
			infusion _ Surgical cricothyrotomy, Needle cricothyrotomy, needle		
			decompression of tension pneumothorax, Advanced medication		
			administration through parenteral and enteral routes (IV, IO, PO, PR, ET, SL,		
			Advanced Life Support (PALS) or Pediatric Emergencies for Pre-Hospital		
		Provide Ground	Providers (PEPP) and Pre-Hospital Trauma Life Support (PHTLS), Basic		
		Advanced Life	Trauma Life Support (BTLS) or International Trauma Life Support (ITLS) during		
	952	Support (ALS)	transport. Note: Ground ALS Transport support may be provided within or		
0	0.3.2	Transport	Provide emergency medical air evacuation. This capability is for providing	OF 1.0	
			continuing life support medical care during movement to a higher level		
			medical facility outside of the affected area. Note: Patient condition and		
		Provide	transport, Aircraft configuration for carrying ambulatory patients, or litter		
		Emergency	patients or a combination of both as well as necessary supporting medical		
	0 5 2	Medical Air	equipment will determine aircraft transport capacity. Base of operations is		
•	0.3.3	Evacuation	Provide air casualty evacuation. This capability includes transport of patients	UF 1.0	
			with little or no medical status information available prior to air transport and		
		Provide Air	necessary medical care to sustain life during air transport to an aerial port of		
8	8.5.4	Evacuation	facility outside of the affected area.	OP 1.6	
		Provide Mass	Provide mass casualty response. This capability includes general medical		
	0.04	Casualty	care and treatment, resuscitation, general surgery, patient stabilization, and	00.4.4.2	
•	0.0.1	Provide	Provide guarantine support. This capability includes isolation of a medically	OP 4.4.3	
		Quarantine	infectious and contagious population, medical treatment, logistical support,		
8	8.6.2	Support	patient care, sanitation, hygiene and engineering support.	OP 4.4.3	
			non-governmental organizations for site/situation assessment, recovery		
			efforts, morgue operations, transportation, remains identification, temporary		
		Human Pomaine	storage and temporary/final disposition following a catastrophic mass fatality		
8	8.7.1	Recovery Support	specialists.	OP 4.4.1.2	
	-	, , , , , , , , , , , , , , , , , , ,	of human remains from collection points, collecting and storage of all	-	
			anti/post mortem information related to the tentative identification of the		
		Provide Temporary Field	human remains, establishing clear traffic patterns for entry, exit, loading and		
		Morgue	recovery of the human remains; collection and storage of all personal effects		
8	8.7.2	Operations	found. Note: Consideration for the storage conditions of human remains for	OP 4.4.1.2	
			Provide temporary storage of human remains. This capability includes		
			establishing collection point for human remains recovered from field		
			units/organizations conducting search and recovery missions in the affected		
		Provide	area, establishing clear traffic patterns for entry, exit, loading and unloading areas. Note: this canability consists only of the reception, storage and		
		Storage of Human	transfer of human remains and personal effects to an established morgue		
8	8.7.3	Remains	facility. No other mortuary affairs tasks will be conducted at this location.	OP 4.4.1	
			Provide Personal Effects Management Assistance. This capability includes		
1		Provide Personal	receipt, recording, accountability, storage, safeguard and disposal of the PE		
1		Effects	of all deceased persons under the control of U.S. civil authority. Note: The		
0	874	Management Assistance	local medical examiner/coroner authority will manage all personal effects	OP / / 1 2	
•	0.7.4	7.0013101108	Provide final disposition/repatriation support. This capability includes the	UF 4.4.1.Z	
1			facilitation of the collection of ante-mortem information, provides fatality		
1		Provide Final	assistance to the family, transfer of Personal Effects (PE) and determines the		
1		Disposition/Repatr	authorities will manage all policies for the release and final		
8	8.7.5	iation Support	disposition/repatriation of all human remains under their jurisdiction.	SN 6.6.6	

ESF TASK # TITLE DESCRIPTION AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE of Medical Surveillance Data. This capability includes but not limited to analyzing collected data from surveillance, modeling and clinical data, reviewing and comparing historical data such as respiratory and gastroenterological symptoms, zoonotic vectors, and provide advice on further consequence management. UJTL Match 8 8.8.1 Surveillance Data Provide Analysis of Medical gastroenterological symptoms, zoonotic vectors, and provide advice on further consequence management. SN 4.3.4 8 8.8.1 Surveillance Data Provide Assessment/Inspection Support. This capability includes safety inspections and verification of food, water, and air quality compliance in coordination with public health sector specific agencies with jurisdiction Under the direction of proper civilian authority. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitoring the health of general medical needs populations, carry out field studies and investigations, monitor injuries and disease patterns, and potential disease outbreaks, blood and blood product bioxigliance, and blood supply levels. SN 4.3.4 8 8.10.1 Surveillance Provide behavioral health services. This capability includes providing mental health supportive services, coordinating referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral health SN 4.3.4 8 8.10.1 Surveill
ESF TASK # TITLE DESCRIPTION UJTL AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE B Provide Analysis of Medical Provide Analysis of Medical Provide Analysis of Medical Provide Analysis of Medical UJTL Match 8 8.8.1 Surveillance Data Provide Assessment/Inspection Support. This capability includes safety inspections and verification of food, water, and air quality compliance in coordination with public health server specific agencies with jurisdiction Under the direction of proper civilian authority. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitoring the health of general medical needs populations, carry out field studies and investigations, monitor injuries and disease patterns, and potential disease outbreaks, blood and blood product bioxigilance, and blood supply levels. SN 4.3.4 8 8.10.1 Provide Provide Behavioral Health services to include crisis counseling, assessment, prescinic agencies proxiding mental health supportive services, coordinating referrals for specialized mental health services to include crisis counseling, assessment, prisi intervention, suicide prevention, substance abuse services, psychosocial education, behavioral health supportive services coordinating referrals for specialized mental health supportive services coordinating referrals for specialized mental health supportive services coordinating referrals for specialized mental health supportive services coordinating referrals for specialized mental health services to include crisis counseling, assessment, psubavioral OR
ESF TASK # TITLE DESCRIPTION UJTL Match ESF TASK # TITLE DESCRIPTION UJTL Match Provide Analysis Provide Analysis of Medical Surveillance Data. This capability includes but not limited to analyzing collected data from surveillance, modeling and clinical data, reviewing and comparing historical data such as respiratory and gastroenterological symptoms, zoonotic vectors, and provide advice on further consequence management. SN 4.3.4 8 8.8.1 Surveillance Data Provide Assessment/Inspection Support. This capability includes safety inspections and verification of food, water, and air quality compliance in coordination with public health sector specific agencies with jurisdiction assessment/Inspection of proper civilian authority. This capability could be for field or laboratory testing and analysis. SN 1.1.5 8 8.9.1 Provide Public Health Surveillance. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitoring the health of general medical needs populations, carry out field studies and investigations, monitor injuries and disease patterms, and potential disease outbreaks, blood and blood product bioxigilance, and potential disease outbreaks, blood and blood product bioxigilance, coordinating referrals for specialized mental health services. Coordinating referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health SN 4.3.4 8 8.10.1 Su
ESF TASK # TITLE DESCRIPTION UJTL Match B Provide Analysis of Medical Surveillance Data. This capability includes but not limited to analyzing collected data from surveillance, modeling and clinical data, reviewing and comparing historical data such as respiratory and gastroenterological symptoms, zoonotic vectors, and provide advice on further consequence management. SN 4.3.4 8 8.8.1 Surveillance Data Provide Assessment/Inspection Support. This capability includes safety inspections and verification of food, water, and air quality compliance in coordination with public health sector specific agencies with jurisdiction SN 4.3.4 8 8.9.1 Provide Assessment/Inspection of proper civilian authority. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitoring the health of general medical needs populations, carry out field studies and investigations, monitor injuries and disease patterns, and potential disease outbreaks, blood and blood product biovigilance, and blood supply levels. SN 4.3.4 8 8.10.1 Surveillance SN 4.3.4 9 Provide Behavioral Health Provide provide provide provide providing mental health services, coordinating referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health SN 4.3.4
ESF TASK # TITLE DESCRIPTION UJTL Match ESF TASK # TITLE DESCRIPTION UJTL Match Provide Analysis of Medical Provide Analysis of Medical Surveillance Data. This capability includes but not limited to analyzing collected data from surveillance, modeling and clinical data, reviewing and comparing historical data such as respiratory and gastroenterological symptoms, zoonotic vectors, and provide advice on further consequence management. SN 4.3.4 8 8.8.1 Provide Assessment/Inspection Support. This capability includes safety inspections and verification of food, water, and air quality compliance in coordination with public health sector specific agencies with jurisdiction Under the direction of proper civilian authority. This capability could be for field or laboratory testing and analysis. SN 1.1.5 8 8.9.1 Provide Public Health Surveillance. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitoring the health of general medical needs populations, carry out field studies and investigations, monitor injuries and disease patterns, and potential disease outbreaks, blood and blood product biovigilance, and blood supply levels. SN 4.3.4 8 8.10.1 Surveillance Provide health services. This capability includes providing mental health supportive services, coordinating referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health <
ESF TASK # THEE DESCRIPTION Correct Match Provide Analysis of Medical Surveillance Data. This capability includes but not limited to analyzing collected data from surveillance, modeling and clinical gastroenterological symptoms, zoonotic vectors, and provide advice on further consequence management. SN 4.3.4 8 8.8.1 Surveillance Data Provide Assessment/Inspection Support. This capability includes safety inspections and verification of food, water, and air quality compliance in coordination with public health sector specific agencies with jurisdiction SN 4.3.4 8 8.9.1 Coordination with public health sector specific agencies with jurisdiction di proper civilian authority. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitor injuries and disease patterns, and potential disease outbreaks, blood and blood product biovigilance, and blood supply levels. SN 4.3.4 8 8.10.1 Surveillance blood product biovigilance, and blood supply levels. SN 4.3.4 Provide Provide behavioral health services, coordinating referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health SN 4.3.4
8 8.1 Surveillance Data Investigation Sinvestigation 8 8.8.1 Surveillance Data Consequence management. Sinvestigation 8 8.8.1 Surveillance Data Consequence management. Sinvestigation 9 Provide Assessment/Inspection Support. This capability includes safety inspections and verification of food, water, and air quality compliance in coordination with public health sector specific agencies with jurisdiction Sinvestigation 8 8.9.1 coordination with public health sector specific agencies with jurisdiction Sinvestigation 8 8.9.1 coordination with public health sector specific agencies with jurisdiction Sint 1.5 8 8.9.1 coordination with public health sector specific agencies with jurisdiction in under the direction of proper civilian authority. This capability could be for field or laboratory testing and analysis. Sint 1.1.5 9 Provide Public Health Surveillance. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance, and blood supply levels. Sint 4.3.4 8 8.10.1 Surveillance blood product biovigilance, and blood supply levels. Sint 4.3.4 9 Provide Behavioral Health provide cordinating referrals for specialized mental
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of Medical gastroenterological symptoms, zoonotic vectors, and provide advice on further 8 8.8.1 Surveillance Data consequence management. SN 4.3.4 Provide Provide Assessment/Inspection Support. This capability includes safety inspections and verification of food, water, and air quality compliance in coordination with public health sector specific agencies with jurisdiction SN 4.3.4 8 8.9.1 ction Support Under the direction of proper civilian authority. This capability includes coordination with supporting departments and agencies by collecting surveillance data. SN 1.1.5 8 8.9.1 ction Support Provide Public Health Surveillance. This capability includes coordination with supporting departments and agencies by collecting surveillance data. SN 1.1.5 8 8.10.1 Surveillance blood product biovigliance, and blood suppl levels. SN 4.3.4 9 Provide Public health services, coordinating referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health SN 4.3.4 8 8.10.1 Surveillance blood product biovigliance, specialized mental health SN 4.3.4 9 Provide services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health provide crisis counseling, assessment, crisis intervention, suicide Behavioral H
8 8.8.1 Surveillance Data Sin 4.3.4 8 8.8.1 Surveillance Data Consequence management. SN 4.3.4 9 Provide Assessment/Inspection Support. This capability includes safety inspections and verification of food, water, and air quality compliance in coordination with public health sector specific agencies with jurisdiction Under the direction of proper civilian authority. This capability could be for field 8 8.9.1 Consequence management. SN 1.1.5 8 8.9.1 Provide Public Health Surveillance. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitoring the health of general medical needs populations, carry out field studies and investigations, monitor injuries and disease patterns, and potential disease outbreaks, blood and blood product biovigilance, and blood supply levels. SN 4.3.4 8 8.10.1 Surveillance Blood product biovigilance, and blood supply levels. SN 4.3.4 9 Provide Behavioral Health provide crisis counseling, assessment, crisis intervention, suicide Behavioral Health Settien Supportion, substance abuse services, psychosocial education, behavioral boot provide providing heapting
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Provide coordination with public health sector specific agencies with jurisdiction 8 8.9.1 cion Support or laboratory testing and analysis. 9 sessment/Inspe Under the direction of proper civilian authority. This capability could be for field 9 ction Support or laboratory testing and analysis. SN 1.1.5 9 Provide Public Provide Public Health Surveillance. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitoring the health of general medical needs populations, carry out field studies and investigations, monitor injuries and disease patterns, and potential disease outbreaks, blood and SN 4.3.4 8 8.10.1 Surveillance blood product biovigilance, and blood supply levels. SN 4.3.4 9 Provide Behavioral Health provide crisis counseling, assessment, crisis intervention, suicide Behavioral Health Supporting represention, substance abuse services, psychosocial education, behavioral 8 8.11.1 Services This capability includes providical ducation, behavioral 9 Provide provide crisis counseling, assessment, crisis intervention, suicide provide behavioral health 9 Station Supporting activities photicing health intervintion Suporting activities photicing activities pho
Assessment/Inspe 8 Under the direction of proper civilian authority. This capability could be fried or laboratory testing and analysis. SN 1.1.5 Provide Public Health Surveillance. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitoring the health of general medical needs populations, carry out field studies and investigations, monitor injuries and disease patterns, and potential disease outbreaks, blood and Surveillance SN 1.1.5 8 8.10.1 Surveillance blood product biovigilance, and blood suppl levels. SN 4.3.4 Provide Behavioral Health Provide crisis counseling, assessment, crisis intervention, suicide Behavioral Health Substance abuse services, psychosocial education, behavioral booth training referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health OR 4.4.3
8 8.9.1 ction Support or laboratory testing and analysis. SN 1.1.5 8 8.9.1 ction Support or laboratory testing and analysis. SN 1.1.5 9 Provide Public Health Surveillance. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitoring the health of general medical needs populations, carry out field studies and investigations, monitor injuries and disease patterns, and potential disease outbreaks, blood and blood product bloodgilance, and blood supply levels. SN 4.3.4 8 8.10.1 Surveillance blood product bloovigilance, coordinating referrals for specialized mental health supportive services, coordinating referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health Provide Surveidence 8 8.11.1 Services to include crisis counseling, assessment, crisis intervention, suicide Behavioral health training OR 44.3
Provide Public Health Surveillance. This capability includes coordination with supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitoring the health of general medical needs populations, carry out field studies and investigations, monitor injuries and disease patterns, and potential disease outbreaks, blood and blood product biovigilance, and blood supply levels. 8 8.10.1 Surveillance Sinveillance Sinveillance Provide Public Health Provide patterns, and potential disease outbreaks, blood and blood supply levels. Sinveillance 8 8.10.1 Surveillance Sinveillance, and blood supply levels. Sin 4.3.4 Provide Provide behavioral health services. This capability includes providing mental health supportive services, coordinating referrals for specialized mental health Sin 4.3.4 Provide services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health prevention, substance abuse services, psychosocial education, behavioral bealth training 8 8.11.1 Services Sin 4.3.4
8 8.10.1 Surveillance supporting departments and agencies by collecting surveillance data, enhancing existing surveillance systems, monitoring the health of general medical needs populations, carry out field studies and investigations, monitor injuries and disease patterns, and potential disease outbreaks, blood and blood product biovigilance, and blood supply levels. SN 4.3.4 8 8.10.1 Surveillance Provide behavioral health health supportive services, coordinating referrals for specialized mental health health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health SN 4.3.4
Provide Public Health Health Provide Public Health Health Provide Public Health Health Health Provide Public Health Health Health Provide Public Health Health Health Health Provide Public Health He
Provide Public Health medical needs populations, carry out field studies and investigations, monitor injuries and disease patterns, and potential disease outbreaks, blood and blood product biovigilance, and blood supply levels. SN 4.3.4 8 8.10.1 Surveillance blood product biovigilance, and blood supply levels. SN 4.3.4 Provide behavioral health supportive services, coordinating referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health prevention, substance abuse services, psychosocial education, behavioral booth training and provides photional booth training OR 4.4.3
Health injuries and disease patterns, and potential disease outbreaks, blood and blood product biovigilance, and blood supply levels. SN 4.3.4 8 8.10.1 Surveillance Provide behavioral health services. This capability includes providing mental health supportive services, coordinating referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health Surveillance 8 8.11.1 Services Surveillance
8 8.10.1 Surveillance blood product biovigilance, and blood supply levels. SN 4.3.4 Provide behavioral health services. This capability includes providing mental health supportive services, coordinating referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health prevention, substance abuse services, psychosocial education, behavioral backth training OR 4.4.3
Provide behavioral health services. This capability includes providing mental health supportive services, coordinating referrals for specialized mental health services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health prevention, substance abuse services, psychosocial education, behavioral beauth triange and traviding health traviding health traviding health traviding health prevention.
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Provide services to include crisis counseling, assessment, crisis intervention, suicide Behavioral Health prevention, substance abuse services, psychosocial education, behavioral Behavioral prevention, substance abuse services, psychosocial education, behavioral
Behavioral Health prevention, substance abuse services, psychosocial education, behavioral
9 9 11 1 Services health triage and providing behavioral health training
o o. 11.1 Services mean mage, and providing behavioral mean maining.
Provide psychological first aid support. This capability includes intervention
protocol, such as grief and loss counseling, adjustment support, and
Provide education for coping, developed specifically for immediate response to dealing
Psychological with traumatic incidents and events. Note: This capability is intended for
8 8.11.2 First Aid Support Immediate short term response, not long term psychiatric care. OP 4.4.3
Provide public nearth miormation. This capability includes collecting,
monitoring, and assessing mormation gamered from internal/external
Provide Public disperse function and the public disperse for the straight public disperse for the s
Health skill star may include MD (Enidemiological) Vatering in (Arctor Control)
Restart Skill Sets may include into (Epidemiological), veterinarian (vector Connol), Skill Sets may include into (Epidemiological), veterinarian (vector Connol), Skill Sets may include into (Epidemiological), veterinarian (vector Connol), Skill Sets may include into (Epidemiological), veterinarian (vector Connol),

				TIER 2: INDIRECT MATCH		
FEF	TACKA	TITLE	DESCRIPTION		AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE	
ESL	TASK #	IIILE	DESCRIPTION	UJIL	Match	
9	9.1.1	Provide Urban Search Support	Provide urban search support. This capability assist urban search and rescue teams with search function. Search may be accomplished by use listening devices, thermal imagery, visual search, or other technology. Note: The capacities for this capability are FEMA.	OP 6.2.9		
9	9.1.2	Provide Urban Rescue Support	Provide urban rescue support. This capability assist urban search and rescue teams with rescue from collapsed structures. Note: The capacities for this capability are FEMA typed.	OP 6.2.9		
		Augment Urban Search and Rescue (USAR)	Augment Urban Search and Rescue (USAR) team(s). This capability includes trained qualified personnel to augment existing USAR teams to support large scale disaster response in urban environments. This capability also includes primary focus on structural collapse and rope rescue. May also include confined space, trench, vehicle extrication. Note: The capacities for this			
9	9.1.3	Team(s)	capability are FEMA typed.	OP 6.2.9		
9	9.2.1	Provide Inland- Wilderness Search Support	Provide inland-wilderness search support. This capability includes searching open areas, rural and wilderness for subjects. May include dismounted or off- road vehicle mounted search capabilities.	OP 6.2.9		
9	922	Provide Inland- Wilderness Rescue Support	Provide inland-wildemess rescue support. This capability includes rescue of subjects in surface areas exclusive of damaged structural environments, and air rescue. Capability includes litter recovery, stabilizing individuals, evacuating subject(s) to safety, and utilizing rope hauling systems. May also include basic life support or advanced life support capabilities.	OP 6 2 9		
Ŭ	0.2.2		Provide aeronautical search support. This capability includes searching open.	01 0.2.0		
		Provide	urban, rural, and wilderness for person(s) in distress or likely locations or			
		Aeronautical	indicators of displaced persons. Note: May include fixed wing or rotary wing			
9	9.3.1	Search Support	airframes, and/or imaging capabilities.	OP 6.2.9		
		Provide Aeronautical	Provide aeronautical rescue Support. This capability includes a fixed or rotary wing aircraft to rescue otherwise inaccessible person(s) in distress. This capability is used when time is of the essence to preserve life, limb, or eyesight, and is intended to remove persons to the closest location of safety. May include hoist operations. Note: When injuries are reported or suspected allowances for medical professional must be made. This capability does not			
9	9.3.2	Rescue Support	include advance life support.	OP 6.2.9		
9	9.4.1	Flood Search and Rescue Operations	Flood search and rescue operations. This capability includes the ability to transit standing and slow moving water utilizing high clearance vehicles or watercraft in support of identifying and evacuating person(s), or providing resupply support to individuals who shelter in place.	OP 6.2.9		
9	9.4.2	Snow/Ice Search and Rescue Operations	Snow/ice search and rescue operations. This capability includes the ability to transit snow and ice utilizing high clearance vehicles or weather/terrain appropriate vehicles in support of identifying and evacuating person(s), or providing resupply support to individuals who shelter in place.	OP 6.2.9		

				TIER 2: INDIRECT MATCH	
					AEUTI (2012) AE Civil
					Engineer Prime BEEF
					and/or RED HORSE
ESF	TASK #	TITLE	DESCRIPTION	UJTL	Match
			Provide mass decontamination. This capability includes mass		
		Provide Mass	decontamination of affected populations. Note: Populations may also include		
10	10.1.1	Decontamination	household pets and service animals.	SN 8.1.5	
		Provide			
		Suspected			
		Chemical,			
		Biological,	Provide Supported Chemical Rielegiaal Rediclogical Nuclear (CRRN)		
		Nuclear (CBRN)	Hazards Detection. This capability includes survey and detection of CBRN		
10	10.1.2	Hazards Detection	hazards using primary and secondary CBRN detection technologies.	SN 8.1.5	
		Provide			
		Presumptive			
		Chemical.			
		Biological,			
		Radiological,	Provide presumptive identification of chemical, biological radiological and		
10	10 1 2	Nuclear (CBRN)	nuclear hazards (CBRN). Capability includes presumptive identification of		
10	10.1.3	Provide	CBRN hazards in allected areas.	511 8.1.5	
		Suspected			
		Chemical,			
		Biological, Badiological			
		Nuclear (CBRN)	Provide Suspected Chemical, Biological, Radiological, Nuclear (CBRN)		
		Hazards	Hazards Monitoring. This capability includes monitoring suspected chemical,		
10	10.1.4	Monitoring	biological radiological and nuclear hazards (CBRN) in affected areas.	SN 8.1.5	
		Provide			
		Chemical and	Provide Suspected Chemical and Biological Hazards Sample Collection. This		
		Biological	capability includes collecting samples of chemical and biological hazards in		
10	10.1.5	Hazards Sample	preparation for analysis. This capability includes ability to conduct mission in	CN 0.4 F	
10	10.1.5	Provide	increased levels of protective posture up to Level A.	511 8.1.5	
		Suspected			
		Chemical and	Dravide Supported Chemical and Dislogical Llagard Laboratory Applysis. This		
		Biological Hazard	Provide Suspected Chemical and Biological Hazard Laboratory Analysis. This canability includes laboratory analysis of sample(s) to characterize and		
10	10.1.6	Analysis	identify chemical and biological hazards in an on-site, or off site, laboratory.	SN 8.1.5	
		Provide Chemical, Biological	Provide CBRN hazards assessment. This capability includes conducting		
		Radiological,	personnel and the operating environment of identified CBRN hazards. This		
		Nuclear (CBRN)	capability also includes conducting and providing plume modeling, and other		
		Hazards	modeling to support decision making, and advising on potential mitigation	011045	
10	10.1.7	Assessment	actions. Provide contaminated debris clearance support. This capability includes	SN 8.1.5	
		Provide	operations of demolition, clearance, segregation, and reduction of debris in		
		Contaminated	contaminated environments Note: Debris types are structures, trees, bulky		
10	10 1 0	Debris Clearance	vegetation, gravel, sand, dirt, appliances, and animals. This capability does	OB 46.2	RH (S and L), PB (S, M,
10	10.1.0	Support		OF 4.0.2	anu L)
1			Provide Explosive Ordnance Disposal (EOD) Support. This capability includes		
		Provide Explosive	limited radiological response for the detection, identification, removal,		
		Disposal (FOD)	inanuling, transport, and disposal of explosives and munitions and/of improvised explosive devices, and/or any incident involving explosives		
10	10.2.1	Support	associated with chemical, nuclear, biological, or radiological materials.	TA 6.1	
			Provide Weapons of Mass Destruction (WMD) Incident Response. This		
			capability provides for the conduct of operations in a Chemical, Biological, Radiological, Nuclear, (CBRN) suspected or actual contaminated environment		
			while providing organic command, control and resupply. This capability will		
			also identify agents and substances, assess current and projected		
		Provide Weapons	consequences, and advise on response measures, assist with coordination of		
		OT Mass	rollow on rorces. Crews are trained in WMD/CBRN incident response,		
10	10.3.1	Incident Response	decontamination.	SN 8 1 5	

				TIER 2: INDIRECT MATCH	
ESF	TASK #	TITLE	DESCRIPTION	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
		Augment Plant and Plant Pest	Augment plant and plant pest survey/assessment. This capability includes identification of unknown plant substances and/or plant pests, assistance with surveying and modeling, and advisement on further consequence management. This capability may include just in time training to augment.		
11	11.1.1	t	professionals in response to suspected or identified outbreak.	SN 8.15	
11	11.1.2	Augment Plant and Plant Pest Control	Augment plant and pest control. This capability includes assisting with management and control measures (chemical, biological, cultural, and mechanical), and is intended to mitigate impacts of plant pests. Note: May require ground or air support.	SN 8.15	
		Augment Animal Survey/Assessmen	limited to detection and identification of potential adverse impacts on animals, assistance with surveying and modeling, and advisement on further consequence management. This includes animals such as livestock, poultry, wildlife, laboratory animals, zoological collections, etc. Note: This capability may include just-in-time training to augment professionals in response to	0110.45	
11	11.2.1	t	suspected or identified outbreak.	SN 8.15	
11	11 2 2	Provide Animal Health and Husbandry Support	Provide animal health and husbandry support. This capability may include generally accepted animal husbandry practices such as feeding, veterinary care, sheltering, decontaminating, depopulating, disposal. May also include veterinary public health support to include control of diseases transmissible between humans and animals (zoonoses). Note: This includes animals such as livestock, poultry, wildlife laboratory animals zoological collections, etc.	SN 8 15	
	11.2.2	Augment Food Supply Assessment/Inspe	Augment food supply assessment/inspection. This capability includes food safety inspections and verification of slaughter and processing plants, distribution and retail sites, import facilities at port of entry, and laboratory analysis of food samples. Note: May include large expanses of open ground, complex food processing facilities, or large quantities of bulk food	0110.10	
11	11.3.1	ction	commodities, etc.	SN 8.15	
11	11 3 2	Augment Contaminated Food Supply System Response	Provide Contaminated Food Supply System Response. This capability includes disposition, decontamination of product and affected environment, to include personnel and equipment. Note: May include large expanses of open ground, complex food processing facilities, or large quantities of bulk food commodities, etc.	SN 8 15	
11	11.4.1	Provide Nutrition Assistance Support	Provide Nutrition Assistance Support. This capability includes providing support for determining nutrition assistance needs, obtaining appropriate food supplies, arrange for delivery of supplies, and authorize disaster food stamp program. Note: A team normally consists of two people and registered dietitian and a dietary Assistant.	SN 8.15	
11	11.5.1	Provide Household Pet Evacuation and Transportation Support	Provide household pet evacuation and transportation support. This capability includes evacuation and transportation of pets, and service animals either with their owners or separately to the nearest animal shelter and/or holding area. Note: This capability is predominantly ground.	SN 8.15	
		Augment Pre-	Augment pre-established animal shelters. This capability includes providing		
11	11.5.2	Animal Shelters	supplies, pet-owner reunification.	SN 8.15	
14	11 5 2	Provide Veterinary	Provide Veterinary Support. This capability includes medical support for pets, service animals, and working animals. May also include triage, preventive care, diagnosis, treatment, and euthanasia. May also include veterinary public health support to include control of diseases transmissible between humans and animals (zoonoses). Note: Teams consist of one veterinarian prod consistent.	SN 0.45	
11	11.5.5	Support	Provide Natural, Cultural, and Historic Resources Support. This capability	SIN 0.13	
11	11.6.1	Provide Natural, Cultural, and Historic Resources Support	may include cultural resources managers (archeologist, conservators, historians, GIS specialist, architects), and natural resources managers (biologist, ecologist, botanist, wetlands specialists, and foresters) for assistance with response actions to preserve, conserve, rehabilitate, recover, and restore NCH resources.	ST 5.1.8	
		Provide Weather		-	
11	11.6.2	Forecasting Support		ST 2.2.3	

				TIER 2: INDIRECT MATCH	
ESF	TASK #	TITLE	DESCRIPTION	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
			Provide Petroleum Based Fuel Transmission Support. This capability includes		
		Provide	ground, air, or maritime assets to transmit petroleum based fuel from point of		
		Petroleum Based	production to the point of distribution/storage. This capability is intended to		
		Fuel Transmission	augment or supplement the existing fuel transportation network to allow		
12	12.1.1	Support	civilian authorities to restore normal operations.	OP 4.2	
12	12.2.1	Provide Petroleum based Fuel Distribution Support	Provide Petroleum based fuel distribution Support. This capability includes distribution of petroleum products to the end user operating in primary support of public safety/support entities. This capability provides augmentation to sustain energy needs to assist in the support of the restoration of the energy distribution infrastructure. Note: This does not include retail operations.	OP 4.2	
12	12.2.2	Provide Fuel distribution to stricken locations Support	Provide support for fuel distribution to stricken locations. This capability includes transport, store and distribute fuel to stricken sites to temporarily sustain operations of critical infrastructure. May include distribution of a single load to multiple locations.	OP 4.2	
		Provide	Provide temporary distribution of electricity support. This capability may		
		Temporary	include temporary or supplemental power supplied to specified critical		
		Electricity	infrastructure, and priority locations until restoration of public utilities. May		
		Distribution	also include transportation, logistics, configuration and operation of the		
12	12.2.3	Support	equipment.	ST 8.4.5	

				TIER 2: INDIRECT MATCH	
ESF	TASK #	TITLE	DESCRIPTION	UJTL	AFUTL (2013) AF Civil Engineer Prime BEEF and/or RED HORSE Match
13	13.1.1	Provide Facility Security Operations	Provide facility security operations. This capability includes establish and maintaining a secure perimeter. Also includes performing wherability and threat assessments, securing designated critical facilities and structures to prevent damage or theft, operating access/control points, internal and external static posts, and patrolling facility and grounds. This capability provides for protection of designated critical facilities to prevent disruptions of vital public services and resources essential to public safety and welfare.	ST 6.2	
13	13.1.2	Provide Point/Site Security Operations	Provide point security operations. This capability includes providing holding areas, static posts, check points, access control. This capability provides public protection and/or support to law enforcement operations at a certain location/site or entrance/exit to a controlled area such as points of distribution (PODS), terminals, maritime ports, border operations/ crossings, disaster site(s), etc.	ST 6.2	
13	13.1.3	Provide Area Security Support	Provide area security support. This capability is primarily a presence mission is support of civilian law enforcement personnel. May include static posts, whicle mounted or foot patrol roving security, check points, area denial, and access control. This capability provides public protection and/or support to law enforcement operations and to public infrastructure within defined area of operations. May be required to support quarantine operations. Note: Planning factor 2/3rds vehicle mounted1/3rd foot patrol.	TA 6.3	
13	13.1.4	Provide Emergency Responder Protection	Provide emergency responder protection. This capability includes teams consist of 2-3 personnel able to operate independently in support of ongoing emergency responder activities. Responsible for protection of emergency responder personnel to prevent public interference of emergency operations. Note: This capability does not include public or infrastructure protection.	OP 6	
13	13.1.5	Provide Quick Reaction Support	Provide quick reaction force (QRF). This capability uses pre-identified forces as initial support to state and local law enforcement. This capability Includes filling critical gaps and mitigating types of incidents that have or may result in the interruption of essential services, cause public danger and suffering, risks to lives and property, public disorder, or destruction of critical assets, until follow-on support can assume the mission.	ST 6.2	
13	13.1.6	Provide Rapid Reaction Force (RRF	Provide rapid reaction force (RRF). This capability includes pre-identified augmentation to reinforce the Quick Reaction Force (QRF) filling critical gaps and mitigating types of incidents that have, or may, result in the interruption of essential services, cause public danger and suffering, risks to lives and property, public disorder, or destruction of critical assets, until follow-on support can assume the mission. Also Includes Command and Control (C2), tactical movements, extraction and relocation of endangered residents or workers, barricaded suspect negotiations, and recovery of injured persons.	ST 6.2	
13	13.1.7	Provide Convoy Security Operations	Provide mobile security operations. This capability includes escort of vehicles in transit, including transporting personnel or cargo deemed at risk of interference. Primarily a show of force mission, intended to assist with the safe ground movement of key personnel and critical assets in response to an emergency. Support limited to assisting civilian authorities with security, not responsible for actual transportation of personnel/materiel. May be armed if approved by proper civilian authority to provide for self protection only.	ST 6.2	
13	13.2.1	Provide Public Safety Support	Provide public safety support. This capability includes manning traffic control points, access control, presence patrols, observation, escort, and protective services. This capability provides direct support to law enforcement to mitigate the effects of an escalated incident, civil disturbance, or natural/manmade disaster. May be required to support quarantine operations. Note: Limited or no badged personnel, does not include powers of arrest.	ST 6.2	
13	13.2.2	Provide Crowd Control Support	Provide crowd control support. This capability includes crowd control activities and measures to preserve or restore order in response to events that could, or has, escalated causing the disruption of public safety, public order, interruption of essential services, or destruction of critical assets.	OP 4.6.4	

				TIER 2: INDIRECT MATCH	
					AFUTL (2013) AF Civil Engineer Prime BEEF
					and/or RED HORSE
ESF	TASK #	TITLE	DESCRIPTION	UJTL	Match
			Provide Public Affairs Office (PAO) Augmentation in Joint Information		
			Center(s) (JIC). This capability includes operating in a JIC, planning,		
			preparing media support materials, releasing approved information to the		
			media, coordinating and executing subject matter expert interviews, internal		
		Provide Public	public and media inquires. May also include supporting and providing		
		Affairs Office	information for the scenario-specific web site, and non-governmental		
		(PAO) Augmentation for	site and providing guidance and support as required, and coordinating with		
		in Joint	joint, interagency, and non-governmental agencies, developing		
15	15.1.1	Information Center(s) (JIC	communications, incident Action Plans (IAPs) and messages, press releases, media campaigns, news advisories or other prepared materials.	ST 5.6	
			Provide Public Affairs (PAO) representative(s) to the Joint Information		
			operating in a JIC, or public information office, coordinating the military		
			information and messages to the JIC for integration into the overall public		
			to the media, coordinating and executing subject matter expert interviews,		
			internal communication, participating in and monitoring social media,		
			coordination with the parent command to serve as a channel of media		
			information between the supporting organization and the JIC. May also		
		Provide Public	and non-governmental agencies, supporting and providing information for the		
		Affairs (PAO)	scenario-specific web site and providing guidance and support as required,		
		Representative(s) to the Joint	and coordinating with joint, interagency, and non-governmental agencies, developing communications, providing input for Incident Action Plans (IAPs)		
		Information	and messages, press releases, media campaigns, news advisories or other		
15	15.1.2	Center(s) (JIC)	prepared materials.	SI 5.6	
			Augment community relations and outreach support. This capability includes		
			assist with community relations and outreach efforts, disseminating approved		
		Augment	information and canvassing as directed by proper authority. May also include		
		Relations and	based, voluntary, and other community based organizations to disseminate or		
15	15.2.1	Outreach Support	canvass information regarding services available.	ST 5.6	
			support to the assigned incident or military command structure to assist with		
			requests for information, visits, or updates from authorized dignitaries and		
			preparing and presenting briefings, providing situational updates, and		
		Augment Distinguished	coordinating informational gathering visits and tours. Provides advance		
15	15.2.2	Visitor Center	a visit.	ST 5.6	
			Provide Inter-governmental/interagency liaison. This capability includes		
			as the channel of communications and facilitating information exchange		
			between supporting and supported agencies and organizations, gathering, organizing, analyzing and coordinating between civilian emergency		
			managers/planners/ responders (at multiple levels) and the military resource		
		Provide Inter- governmental/Inte	provider. Areas may include law enforcement, fire protection, hurricane response, information centers, emergency operations centers, airfields		
15	15.3.1	ragency Liaison	staging areas, joint field offices, etc.	ST 8.5.3.2	
			Provide technical assistance support. This capability provides the mechanism		
			for the military to establish and provide technical assistance and support to		
			civil authorities drawing on unique and specialized skills, equipment, and facilities within the military to improve preparedness of responders. This		
		Provide Technical	capability includes resources, expertise, education and training to external		
15	15.3.2	Assistance Support	agencies and individuals as requested by civil authority to develop and sustain capabilities in support of improved preparedness and response.	ST 5.6	
			Provide current information to stakeholders. This capability includes providing	-	
		Provide Current	information on current public attairs activities, issues and concerns. May include conducting media analysis, preparing key messages and talking		
		Information to	points, identifying key publics, measuring effectiveness, and correcting		
15	15.3.3	Stakeholders	misperceptions.	ST 5.6	

APPENDIX C

CIVIL SUPPORT TASK LIST (CSTL) TIER 3 ANALYSIS

				TIE	TIER 3: IMPLIED MATCH		
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ESE	TASK #	TITI F	DESCRIPTION	(Personnel)	(Equipment)	Comments	
-0.			Provide ground transportation of personnel. This capability includes planning.				
			coordinating, and supervising movement from a single point in a single				
			movement, tracking and reporting on personnel moved, and securing				
		Provide Ground	additional supplies and support such as maintenance and fuel. It may also				
		Transportation of	include safety escorts. This capability does not include medical evacuation of				
1	1.1.1	Personnel	injured, medical, and non-ambulatory patients.				
		Drovido Cround	Provide transportation of palletized materials. This capability includes				
		Transportation of	planning, coordinating, and supervising movement from a single point in a				
		Palletized	biobways, tracking and reporting on materials moved, and securing additional				
1	1.1.2	Materials	supplies and support such as maintenance and fuel.	4FPRU/4FPRV	4F9HF		
			Provide ground transportation of dry bulk material. This capability includes				
			planning, coordinating, and supervising movement from a single point in a				
		Provide Ground	single movement over improved, semi-improved, or unimproved roads and				
		Transportation of	highways, tracking and reporting on materials moved, and securing additional				
1	1.1.3	Dry Bulk Material	supplies and support such as maintenance and tuel.	4FPRU/4FPRV	4F9HF		
			Provide around transportation of bulk fuel. This canability includes planning			1x 1200 gallon	
			coordinating, and supervising movement or automobile/diesel fuel from a			fuel truck:	
		Provide Ground	single point in a single movement over improved, semi-improved, or			personnel UTC	
		Transportation of	unimproved roads and highways, tracking and reporting on materials moved,			ID'd by equipment	
1	1.1.4	Bulk Fuel	and securing additional supplies and support such as maintenance and fuel.	4FPRV	4F9HE	UTC	
			Provide transportation of potable bulk water. This capability includes planning,				
			coordinating, and supervising movement from a single point in a single			1x 1500 gallon	
		Provide Ground	movement from a single point in a single movement over improved, semi-			water truck;	
		Potoblo Bulk	improved, or unimproved toads and highways, tracking and reporting on water			D'd by aquipmont	
1	1.1.5	Water	and fuel.	4FPRU/4FPRV	4F9HD	UTC	
			Provide transportation of non-potable bulk water. This capability includes				
			planning, coordinating, and supervising movement from a single point in a			1x 1500 gallon	
		Provide Ground	single movement from a single point in a single movement over improved,			water truck;	
		Transportation of	semi-improved, or unimproved roads and highways, tracking and reporting on			personnel UTC	
		Non-Potable Bulk	water moved, and securing additional supplies and support such as			ID'd by equipment	
-	1.1.0	water	Provide ground transportation of heavy equipment, and oversized loads. This	4FPR0/4FPRV	46900	010	
		Provide Ground	capability includes the planning, coordinating, and supervising movement from				
		Transportation of	a single point in a single movement from a single point in a single movement				
		Heavy Equipment,	over improved, semi-improved, or unimproved roads and highways, tracking				
		and Oversized	and reporting on equipment moved, and securing additional supplies and				
1	1.1.7	Loads	support such as maintenance and fuel.	4FPRU/4FPRV	4F9HF		
			Provide Ground Transportation of Human Remains. This capability includes				
			single movement from a single point in a single movement over improved				
			semi-improved, or unimproved roads and highways, tracking and reporting on				
		Provide Ground	equipment moved, and securing additional supplies and support such as				
		Transportation of	maintenance and fuel. Note: This capability does not include medical				
1	1.1.8	Human Remains	evacuation of injured, medical, and non-ambulatory patients.				
			Provide air transportation of personnel. This capability includes planning,				
			coordinating, supervising, maintaining manifests of passengers using fixed or				
		Provide Air	rotary wing aircraft, launching from and recovering to airports/airfields,				
1	121	Personnel	medical evacuation of injured medical and non-ambulatory patients				
Η.	1.2.1	Provide Air	Provide air transportation of palletized materials. This capability includes				
		Transportation of	planning, coordinating, supervising, maintaining manifests of materials using				
		Palletized	fixed or rotary wing aircraft, launching from and recovering to airports/airfields,				
1	1.2.2	Material	airstrips, landings zones, as available.				

				TIE	R 3: IMPLIED MA	ТСН
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ESE	TASK #	TITLE	DESCRIPTION	(Personnel)	(Equipment)	Comments
LUI	TASK #	IIIEE		(********	(
			Provide air transportation of heaw equipment. This capability includes			
			planning, coordinating, supervising, maintaining manifests of equipment using			
			fixed wing aircraft, launching from and recovering to airports/airfields, airstrips,			
		Air Transportation	landings zones, as available and as needed. Types of heavy equipment that			
		of Heavy	can be transported includes, but is not limited to, helicopters, construction			
1	1.2.3	Equipment	equipment, firefighting equipment, vehicles, vessels, and trailers.			
			Provide air transportation of outsized loads. This capability includes planning,			
			coordinating, supervising, maintaining manifests of load transport of single			
		Provide Air	width and 105 inches (2.7 m) in height. Canability uses aimorts, airfields			
		Transportation of	and airstrins, as available and as needed. Note: Aircraft's cubic footage			
1	1.2.4	Outsized Loads	capacity may be exceeded well before weight capacity			
			Provide air transportation of shipping containers. This capability includes			
			planning, coordinating, supervising, maintaining manifests of containers using			
		Provide Air	fixed or rotary wing aircraft using airports/airfields, airstrips, landings zones,			
		Transportation of	as available and as needed. Type of shipping containers include, but is not			
		Shipping	limited to, sea-land shipping containers, air freight containers, and enclosed			
1	1.2.5	Containers	trailers.			
			directing and executing joint or combined regional acrospace operations			
			development of short and mid-term aerospace strategy, producing and			
			disseminating regional Airspace Control Orders (ACO)/Air Tasking Orders			
		Provide	(ATO), delineating the flights, missions, timing and coordination. It also			
		Aerospace	includes communication and coordination with other agencies or assets as			
		Operations/Contro	applicable, day-to-day air operations, and conducting air and space			
1	1.2.6	1	operational assessment.			
		Augment Air				
4	1 2 7	One retiene	Augment air traffic control operations. This capability includes personnel to			
-	1.2.7	Operations	augment origoing ATC operations at civilian or mintary americs.			
			Establish and provide air traffic control operations. This capability includes			
			personnel and equipment to establish and operate at designated airfield. This			
			may include Air Traffic Control at fixed or temporary locations supporting fixed			
			wing or rotary wing aircraft, airfield/landing zone under Visual Flight Rules			
			(VFR) and Instrument Flight Rules (IFR) conditions for multiple aircraft types			
			on small to large temporary/ permanent airfields/landing zones, handling			
			military and civilian aircraft alike. The capability may also include the			
1			establishment/reestablishment of operational airfields, landing areas/drop			
1			zones, using a variety of communication radios, navigational aids, and			
1			weather observation equipment and skills. Communications equipment may			
1		Establish and	Modulation (FM) and High Frequency (HE) radio canabilities to ensure safe			
1		Provide Air Traffic	separation of inbound/outbound aircraft. Navigational aids may include VHF			
1		Control	Omni-directional Radio (VOR), Tactical Air Navigation (TACAN), Global			
1	1.2.8	Operations	Positioning System (GPS), and Microwave Landing System (MLS).			

				TIER 3: IMPLIED MATCH		
				1170	1170	
					UIC (Environment)	0
ESF	TASK #	TITLE	DESCRIPTION	(Personnei)	(Equipment)	Comments
		Establish and				
		Operate	Establish and operate emergency communications center. This capability			
		Emergency	includes Video, unsecure/unclassified internet, on-site radio, and public			
		Communications	switch telephone network (PSTN), communications support for emergency			
2	2.1.1	Center	management, and incident command activities.			
		Provide Mobile	Provide mobile emergency communications support. This capability includes			
		Emergency	video, unsecure/unclassified internet, on-site radio, and public switch			
		Communications	telephone network (PSTN), communications support for emergency			
2	2.1.2	Support	management, and incident command activities.			
			Provide spectrum/frequency management. This capability includes			
			coordinating, managing and controlling use of the electromagnetic spectrum.			
		Provide	It also includes validating, de-conflicting, and providing status reports for			
		Spectrum/Freque	frequency requests. May also provide management across multiple frequency			
2	2.1.3	ncy Management	bands.			
		Provide				
		Temporary	Provide temporary telecommunications support. This capability includes			
		Telecommunicati	establishing and operating telecommunications support to restore disrupted			
2	2.2.1	ons Support	service for critical sites and locations.			
		Provide Radio	Provide radio communication support. This capability includes establishing			
1		Communication	and operating radio communications network to restore disrupted service for			
2	2.2.3	Support	critical sites and locations. May include secure communications.			

				TIER 3: IMPLIED MATCH		
505	TACK #		DESCRIPTION	UTC (Personnel)	UTC (Equipment)	Comments
ESF	TASK #		DESCRIPTION	(Fersonner)	(Equipment)	Comments
3	3.1.1	Provide Ground Based Non- Technical Structural Damage Assessment	capability includes assessing the general habitability of residences, public facilities, areas of high importance, and other areas of vertical infrastructure. This capability also includes supporting assessment by professional civil, structural, and mechanical engineering experts to affected entities. May also support assessment staff, remote sensing and computer modeling. Types of assessment include supporting posting levels of access. Note: Teams	4FPRQ, 4FPRK, 4FPRL, 4FPAS, 4FPAK. 4FPRY, 4FPRX,	4F9RQ, 4F9RH	4F9RH linked to 4FPRL per MISCAP
3	3.1.2	Provide Road Damage Assessment	Provide road damage assement. This capability includes determining and reporting the location, quantity and types of damage (Such as culverts, pot holes, and retaining walls). It may also include general assessments of ability and efforts to clear routes for emergency use.	4FPRQ, 4FPRK, 4FPRL, 4FPAS, 4FPAK. 4FPRY, 4FPRX,	4F9RQ, 4F9RH	4F9RH linked to 4FPRL per MISCAP
3	3.1.3	Provide Bridge Damage Assessment	Provide bridge damage assessment. This capability includes determining structural stability (such as deck, supports, or abutments and approaches), the location, quantity and types of damage, in an effort to determine load carrying capacity.	4FPRQ, 4FPRK, 4FPRL, 4FPAS, 4FPAK. 4FPRY, 4FPRX,	4F9RQ, 4F9RH	4F9RH linked to 4FPRL per MISCAP
3	3.1.4	Provide Rapid Runway/Airfield Damage Assessment	Provide Rapid Runway/Airfield Damage Assessment. This capability includes determining the location, quantity and types of damage of runways, taxiways, helipads, short/vertical takeoff and landing zones.	4FPRQ, 4FPRK, 4FPRL, 4FPAS, 4FPAK. 4FPRY, 4FPRX,	4F9RQ, 4F9RH, 4F9AD	4F9RH linked to 4FPRL per MISCAP
3	3.1.5	Provide Minimum Operating Strip	Provide Minimum Airfield Operating Strip (MAOS) determination. This capability includes non-traditional determination of types and number of aircraft able to use the runway/landing zone, or taxiway route as well as location of proposed ramp space. It also includes making recommendations for repairs to increase airstrip usable area, and uses information gathered by the damage assessment team to determine operating strip/landing zone.	4FPRQ, 4FPRK, 4FPRL, 4FPAS, 4FPAK. 4FPRY, 4FPRX,	4F9AD, 4F9GP, 4F9RH, 4F9RQ	4F9RH linked to 4FPRL per MISCAP
3	3.1.6	Provide Non- Technical Post Incident Damage Survey	Provide non-technical post-incident damage survey. This capability includes utilizing windshield surveys and dismounted teams to conduct rapid field surveys, recording and reporting damage, and assisting officials with determining extent & severity to structures.	4FPRQ, 4FPRK, 4FPRL, 4FPAS, 4FPAK. 4FPRY, 4FPRX,	4F9RQ, 4F9RH	4F9RH linked to 4FPRL per MISCAP
3	3.1.7	Conduct Engineer Estimate for Temporary/Emerg ency Horizontal Repair	Conduct engineer estimate for temporary/emergency horizontal repair. This capability includes cost horizontal construction estimates providing engineering support to repair/restore roadways, cuts, fills, culverts, and emplace temporary bridges. Estimate includes required resources, time, and recommended priorities of effort.	4FPRQ, 4FPRK, 4FPRL, 4FPAS, 4FPAK. 4FPRY, 4FPRX,	4F9RQ, 4F9RH, 4F9AD	4F9RH linked to 4FPRL per MISCAP
3	3.1.8	Provide Aerial Post-Incident Damage Assessments	Provide aerial post-incident damage assessments. This capability includes conducting aerial surveillance to determine the area and extent impacted by the incident, the trafficability of roadways based on observed traffic patterns, observed structural collapse, and observed impacts on the population within the affected area. This task does not include engineering assessments, determinations of habitability of residences, public facilities, areas of high importance, and other areas of infrastructure.			
3	3.2.1	Provide Temporary Bridge Emplacement	Provide temporary bridge emplacement. This capability includes utilizing standardized prefabricated components for temporary restoration of single lanes across dry/wet voids that can be disassembled upon restoration/replacement of permanent bridge, or when no longer required. These bridges can be built to match a wide range of vehicular bridging applications. Note: May use unit bridging equipment or contract furnished bridge set.			
3	3.2.2	Provide Rapid Runway and/or Airfield Damage Repair	Provide Rapid Runway Repair (RRR)/Airfield Damage Repair (ADR). This capability includes temporary repair to restore structural integrity of horizontal structure. Note: A standard RRR/ADR team consisting of a minimum of seven heavy equipment operators certified to operate associated/ required heavy whicle equipment.	4FPRQ, 4FPRK, 4FPRL, 4FPAS, 4FPAK. 4FPRY, 4FPRX,	4F9AD, 4F9GP, 4F9RH, 4F9RQ	4F9RH linked to 4FPRL per MISCAP

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ESF	TASK #	TITLE	DESCRIPTION	UTC (Personnel)	UTC (Equipment)	Comments
3	3.2.3	Provide Emergency Road Repair	Provide emergency road repair. This capability includes temporary road repairs for roads and traffic ways that hinder critical infrastructure accessibility. Note: Materials must be acquired/provided.	4FPRQ, 4FPRK, 4FPRL, 4FPAS, 4FPAK. 4FPRY, 4FPRX, 4FPRV, 4FPRU	4F9AD, 4F9GP, 4F9RH, 4F9RQ, 4F9RU, 4F9RV	
3	3.2.4	Provide Temporary Structure Repair/Constructio n	Provide temporary structure repair/construction. This capability includes temporary repairs of existing structures and/or construction of temporary structures for emergency operations, public shelters, points of distribution, emergency medical facilities, tentage, and other critical infrastructures needed to provide/sustain public health and safety. This capability also includes determining structure points of entry, status of load bearing walls, and calculating types and quantity of required materials.	4FPAL, 4FPAP, 4FPAQ, 4FPAR, 4FPAS, 4FPAT, 4FPAU, 4FPAV, 4FPRS, 4FPRT, 4FPRK, 4FPRL	4F9RS, 4F9RT, 4F9HM, 4F9HL, 4F9EF	
3	3.2.5	Provide Roof Top Snow Removal	Provide roof top snow removal. This capability includes coordinated disciplined crew, leadership, and hand tools to remove snow from roof tops that are not more than 4/12 pitch to prevent collapse. Note: This capability is limited to emergency situations only and does not include ice conditions.			
3	3.2.6	Provide Emergency Snow Removal Support	Provide snow removal support. This capability includes snow removal from roadway systems, and/or application of material for traction purposes, such as salt, brine solution, or sand, etc. and other areas needed to maintain transportation networks and/or access to critical infrastructure.	4FPAS		
3	3.2.7	Emergency Debris Removal	Provide emergency debris removal. This capability includes operations of demolition, clearance, removal, transport, segregation, reduction, and/or disposal of debris. Debris types are structures, trees, bulky vegetation, gravel, sand, dirt, appliances, and animals. This capability does not include vehicle or snow removal.	4FPAS, 4FPRU, 4FPRV	4F9RU, 4F9RV	
_		Provide Route	Provide route clearance. This capability includes route clearance for roads	4FPAS, 4FPRU,		
3	3.2.8	Clearance Provide Water	and traffic ways to facilitate emergency access.	4FPRV	4F9RU, 4F9RV	
		Systems Inspections	Provide water system inspections support. This task includes sampling, disinfection, water tank inspections for damage or leaks. Engineering support			
3	3.2.9	Support	will be required to ensure temporary system restoration at a minimum.	4FPAU	4F9EF	
3	3,2,10	Provide Wastewater Inspection and Support	Howe wastewater inspection support. This capability includes sampling, disinfection, waste water plant inspections, sewer flush out, water treatment, personnel decontamination. Engineering support will be required to ensure temporary system restoration at a minimum. Note: To accomplish this capability additional resources such as electricity, water distribution, waste water system repair, welding, security, heavy equipment operations may be required.	4FPA11	4F9FF	
3	3.2.11	Provide Sandbagging Support	Provide sandbagging support. This capability provides for filling sandbags, and stacking them to create a barrier to block, turn, fix, or disrupt intrusions such as flood water, contaminants, and critical infrastructure protection. May include removal and disposition of sandbags. Note: May require high water transportation assets to move personnel and equipment.			
3	3.2.12	Provide Temporary Maritime Terminal and Port Repair Services	Provide terminal and port repair services. This capability includes repair of structural damages to terminals and ports to restore functionality for embarking and debarking operations. Note: This capability may require additional capabilities such as damage assessment and heavy equipment support.	4F9AS	All heavy equipment UTCs as required	

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ESF	TASK #	TITLE	DESCRIPTION	(Personnel)	(Equipment)	Comments
			Provide engineer equipment support. The capability includes			
			utilizing/operating engineer equipment for ingress and egress into areas, earth			
			movement, debris movement, etc. Types of equipment could include dozers			
			(with or without rippers, with or without winches), graders, backhoes, dump			
		Provide Engineer	trucks, skid steers, rollers (smooth, sheep's foot roller, and/or vibratory),		All equipment	
		Equipment	water truck, front end loaders, excavators, cranes, and supporting assets.		UTCs as	
3	3.2.13	Support	Note: May require transportation of engineer equipment.		required	
		Provide				
		Temporary	Devide Terrerow Devide (Terile Operation Operand This search little			
		Roads/Trails	Provide Temporary Roads/Trails Construction Support. This capability			
2	2 2 1 4	Support	includes construction of temporary roads and trails, way be used to bypass a	4FPAS, 4FPRU,		
3	3.2.14	Support	Provide general utility repair. This capability includes support at installation	4FF K V	41 91(0, 41 91()	
			facility level. Support may include restoration of das, electrical			
			telecommunications, potable water, oil, waste water and storm drain. May			
			include location marking, pressure testing, energized line testing, temporary	Traditional	4F9RT, 4F9RS,	
		Provide General	line lifting. Note: This capability may require additional resources such as	BEEF, 4FPRS,	4F9EF, 4F9L4,	
3	3.2.15	Utility Repair	security, heavy equipment.	4FPRT	4F9L3	
		Provide Engineer				
		Support to Base				
		Camp and	Provide engineer support to base camp and staging area operation. This	All Prime BEEF	All Prime BEEF	
		Staging Area	capability includes vertical construction, horizontal construction, earth	and RH UTCs as	and RH UTCs as	
3	3.3.1	Operations	movement support, and maintenance.	required	required	

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			DECODIDITION	(Personnel)	(Equipment)	Commonte	
ESF	IASK #	IIILE	DESCRIPTION	(i ersonner)	(Equipment)	Commenta	
			Provide wildland firefighting hand crew. This canability includes bot spot mon-				
		Provide Wildland	up to prevent re-ignition, fireline construction, and maintaining accountability				
		Ground	and situational reporting as required. Note: This capability may not include				
		Firefighting Hand	seasonal experience or leadership qualifications in accordance with National				
4	4.1.1	Crew	Standards.				
			Provide Firefighting Teams w/Equipment. This capability includes fire engine				
		Provide	team for wildland or urban fire suppression to protect structures or wildland		All FES		
		Firefighting	within the fire area and prevent fires from crossing established firelines, hot		Equipment		
	44.2	Teams	spot mop up capabilities to prevent re-ignition, and maintaining accountability		UICs as		
4	4.1.Z	w/Equipment	Provide engine strike team. This canability includes fire suppression to	4гргј, 4гргр	required		
			protect structures or wildland within the fire area and prevent fires from				
			crossing established firelines, hot spot mop-up to prevent re-ignition, and		All FES		
			maintaining accountability and situational reporting as required. Note: A	4FPFJ, 4FPFP,	Equipment		
		Provide Engine	Strike Team consists of 5 engines of the same type and capacity, and a	4FPFF, 4FPFN,	UTCs as		
4	4.1.3	Strike Team	command unit.	4FPRE	required		
			Provide firefighting dozer support (single resource). This capability includes				
		.	fire suppression to protect structures or wildland within the fire area and				
		Provide Firefighting Deper	prevent fires from crossing established firelines removing all combustible				
		Support (Single	clearing existing findings, providing support to finding hand crews, and				
4	4.1.4	Resource)	maintaining accountability and situational reporting as required				
			Provide dozer strike team. This capability includes fire suppression to protect				
			structures or wildland within the fire area and prevent fires from crossing				
			established firelines, removing all combustible material and creating a barrier				
			between the fire and areas of vulnerability, clearing existing firelines, providing				
			support to fireline hand crews, and maintaining accountability and situational				
		Provide	reporting as required. Note: Dozer strike team consist of 2 dozers, 2 dozer				
4	415	Strike Team	transporter vehicles (usually low boy), 2 operators, 2 ground guides, strike				
4	4.1.5	Suike realli	Provide Aircraft Rescue and Eirefighting (AREE) support. This canability				
			includes rescuing crews from downed aircraft and suppress aircraft fires while				
			maintaining accountability and situational reporting as required. Note; Crew				
			consist of at least 3 Personnel, Tank minimum capacity (Gal) 500, Pump		All FES		
		Provide Airfield	minimum flow (GPM) 150 @ 250 PSI, Hose 2 1/2 inch double jacket 300 Feet,		Equipment		
		firefighting/Crash	Hose 1 ½ or 1 ¾ inch double jacket 500 Feet, 1 Intake 2 ½ inch, Ladder 14		UTCs as		
4	4.1.6	Rescue Support	feet, Cab-mounted spot lights 2.	4FPFJ, 4FPFP	required		
			includes urban fire suppression to protect structures within the fire area and				
		Provide Aerial	prevent fires from spreading to exposed areas fighting fire from an aerial		Equipment		
		Ladder or	ladder or platform and or performing rescue operations, while maintaining		UTCs as		
4	4.1.7	Platform Truck	accountability and situational reporting as required.	4FPFJ, 4FPFP	required		
					Specific fire		
		Provide Water	Provide water tender. This capability includes water tender to support		fighting vehicles		
4	4.1.8	Tender	firefighting operations.	4FPFJ, 4FPFP	as required		
					Specific fire		
	44.0	Provide Foam	Dravide fears tender to support mainly sifiald fredicting ansatization		Tighting vehicles		
4	4.1.9	Provide	Provide holicoptor frofighting operations. This capability includes deploying	4696J, 46969	as required		
		Helicopter	fire extinguishing agents. It also includes fire line support and containment				
		Firefighting	and hot spot mop-up in fire areas, and maintaining accountability and				
4	4.2.1	Operations	situational reporting as required.				

				TIER 3: IMPLIED MATCH		
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ESF	TASK #	TITLE	DESCRIPTION	(Personnel)	(Equipment)	Comments
	1		Provide MAFFS Operations. This capability includes one or both types of			
			airborne retardant/water drop MAFFS systems. MAFFS 1 is a pressurized			
			3000 gallon tank system aboard an aircraft able to drop retardant or water at			
			a rate of under five seconds, covering one quarter of a mile long and 60 feet			
			wide lay down to act as a fire barrier. MAFFS 2 is a fully self-contained			
			system capable of mixing retardant in-flight, drops fire-retardant chemicals			
			used in fighting forest fires, and employs an on-board compressor system			
		Provide Modular	replacing the ground support equipment requirements of the original MAFFS			
		Airborne Fire	1. Aircraft can fly in non-optimum weather, takeoff and land on short field			
		Fighting System	runways, and ity at extremely low artitudes to ensure maximum retardant			
4	122	(MAFFS)	application to the target area. A support aircrait will typically accompany the			
-	4.2.2	operations	Provide fixed wing operations - modular airborne fire fighting system			
			(MAEES) This capability includes modular airborne firefighting system			
			(MAEES) C-130 aircraft to dispense water or retardant at very low altitudes			
		Provide Fixed	Note: Uses air tanker, type 1, able to dispense up to 3000 gallons of			
		Wing Operations -	retardant or water. MAFFS must be coordinated and approved by USFS, can			
		Modular Airborne	be loaded at approved air tanker base, drops in conjunction with MAFFS lead			
		Fire Fighting	pilots and aircraft systems, and operations conducted in accordance with			
4	4.2.3	System (MAFFS)	USFS MAFFS Operating Plan.			
			Provide Maritime Firefighting. This capability includes firefighting on vessels,			
			in littoral waters, inland waters, or onshore facilities near the water. Support is			
			for the minimum time necessary to provide for the search and rescue of			
1		Provide Maritime	personnel and critical materials aboard the distressed vessel/facility/hazard.			
		Firefighting	This capability does not include use of airborne assets or use of search and			
4	4.3.1	Services	rescue teams.			

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ESE	TASK #	TITLE	DESCRIPTION	UTC (Personnel)	(Equipment)	Comments
		Provide Response Plan Integration	Provide emergency planning support. This capability includes facilitating the development, review, and integration of emergency response plans in preparation for or in response to, natural or manmade disasters, and civil emergencies. This planning supports State strategy and meets the requirements of the National Response Framework, State specific emergency management plans, and the National Incident Management System. It may also support individual agencies, Non-Governmental agencies, or	All PB Staff Augmentation		
5	5.1.1	Support	federal/regional/statewide plans integration.	UTCs		
			Provide planning section support. This capability includes assisting with the facilitation of the planning process, the collection, evaluation, dissemination and use of information about the incident, and the status of resources in preparation for, or in response to, natural or manmade disasters, and civil emergencies. This capability also includes supporting the establishment of information requirements and reporting schedules for the Planning Section, and assisting in the determination of needed specialized resources in support of the incident. Additional supporting duties may include: assisting with the preparation of the Incident Action Plan, assisting in the assembly of information on alternative strategies, and periodic predictions on incident			
		Provido Planning	potentials, supporting the re-assignment of out-of -service personnel already	All PB Staff		
5	5.1.2	Section Support	and implementation of the Incident Demobilization Plan.	UTCs		
5	512	Provide Strategic Planning	Provide strategic planning facilitation. This capability includes facilitating the development, review, and integration of strategic plans in preparation for, or in response to all hazards, and civil emergencies. This planning supports State strategy and State specific emergency management plans. It may also support individual agencies, Non-Governmental agencies, or federal/inclusional (attempt agencies).	All PB Staff Augmentation		
5	5.1.5	Provide	the preparation and development of operational plans, gathering information to	All PB Staff		
		Operations	determine requests or release of resources, and making changes to the	Augmentation		
5	5.1.4	Section Support Provide Logistics Section Support	Incident Action Plan as directed in preparation for, or in response to, natural Provide Logistics Section support. This task includes assisting the Logistics section with providing staffing and planning support, assisting with the development and implementation of the Incident Action Plan (IAP), and providing assistance with the activation of the branches and units in the Logistics Section in preparation for, or in response to, natural or manmade disasters, and civil emergencies.	UTCs All PB Staff Augmentation UTCs		
5	5.2.1	Provide Ground	Provide ground imagery support. This capability includes the collection and analysis of imagery collected from ground based platforms using a variety of medium including still and full motion video, infrared and thermal imagery. May include limited imagery analysis support. This task includes taking, collecting, recording and archiving images for the purpose of historical and anecdotal records, posed and candid images, and may include technical images in support of post incident investigations and assessments. This task may support the full range of disasters and emergencies including both potune and more neurod exptn.			
5	5.2.2	Irmagery Support	Provide Aerial imagery support. This capability includes the collection and analysis of imagery collected from aerial and/or space based platforms using a variety of medium including still and full motion video, infrared and thermal imagery. May include limited imagery analysis support. This task includes taking, collecting, recording and archiving images for the purpose of historical and anecdotal records, posed and candid images, and may include technical images in support of post incident investigations and assessments. This task may support the full range of disasters and emergencies including both natural and man-caused events.			
5	5.2.3	Provide Maritime Imagery Support	Provide maritime imagery support. This capability includes imagery analysis support, surface/sub-surface vessel(s) and image analysis system capable of delivering either electro-optical [EO]/infrared [IR]/radar images in inland, littoral, and/or open ocean areas.			

				TIER 3: IMPLIED MATCH		
				UTC	UTC	
ESF	TASK #	TITLE	DESCRIPTION	(Personnel)	(Equipment)	Comments
		Fstablish	Establish emergency shelter using existing structure(s). This capability includes identifying and establishing shelters for displaced groups of people	4FPAL, 4FPAP, 4FPAO 4FPAR		
		Emergency	using existing structures with appropriate size, area, and accessibility for	4FPAS, 4FPAT,		
		Shelter Using	conducting registration, feeding services, sleeping areas, mental health	4FPAU, 4FPAV,	4F9RS, 4F9RT,	
		Existing	services, health services, hygiene, sanitation, security, traffic flow, and	4FPRS, 4FPRT,	4F9HM, 4F9HL,	
6	6.1.1	Structure(s)	parking. Note: May not include personnel for shelter operations.	4FPRK, 4FPRL	4F9EF	
			Establish emergency shelter using temporary structure. This capability			
			includes identifying and establishing shelters for displaced groups of people			
		Fstablish	accessibility for conducting registration feeding services sleeping areas	4FPAL, 4FPAP, 4FPAO 4FPAR		
		Emergency	mental health services, health services, hygiene, sanitation, security, traffic	4FPAS, 4FPAT,		
		Shelter Using	flow, and parking. Note: This may require additional capabilities for	4FPAU, 4FPAV,	4F9RS, 4F9RT,	
		Temporary	tent/structure erection. Note: May not include personnel for shelter	4FPRS, 4FPRT,	4F9HM, 4F9HL,	
6	6.1.2	Structure	operations.	4FPRK, 4FPRL	4F9EF	
			Franklich annual challen an iter an iteration and iteration			
			Establish emergency shelter using military facilities. This capability includes			
			using existing structures with appropriate size, area, and accessibility for	4FPAQ, 4FPAR,		
		Establish	conducting registration, feeding services, sleeping areas, mental health	4FPAS, 4FPAT,		
		Emergency	services, health services, hygiene, sanitation, security, traffic flow, and	4FPAU, 4FPAV,	4F9RS, 4F9RT,	
		Shelter Using	parking. NOTE: Armories are not generally appropriate for extended periods of	4FPRS, 4FPRT,	4F9HM, 4F9HL,	
6	6.1.3	Military Facilities	use. Note: May not include personnel for shelter operations.	4FPRK, 4FPRL	4F9EF	
			Provide emergency shelter operations. This capability includes required			
		Provide	personner for conducting, or coordinating with Federal, State, Local, or other governmental or non-governmental agencies, for registration, feeding services			
		Emergency	sleeping areas, mental health services, health services, hygiene, sanitation,			
		Shelter	security, traffic flow, and parking. NOTE: This capability requires additional			
6	6.1.4	Operations	capabilities support and special needs considerations.	_		
		Provide				
		Emergency	Provide emergency shelter inspections. This capability includes inspecting			4F9RH linked to
6	615	Inspections	established or potential shelters for salety and suitability for occupation in accordance with the proper governing regulations and policies	4FPRQ, 4FPRK, 4FPRI	4F9RO 4F9RH	4FPRL per MISCAP
Ŭ	0.1.0	hispections	Provide Chaplain support. This capability includes Critical Incident Stress	HT ILE		
			Management (CISM), Trained Crisis Responder (TCR) and Pastoral Crisis			
			Intervention (PCI) and counseling. Support may be provided by teams			
			consisting of one officer/chaplain and one enlisted aide, or an individual			
		Desuida Oberdain	Chaplain. Provides services for First Responders, victims, support personnel			
6	621	Provide Chapiain	etc. Note: Military clergy are specifically prohibited from ministering to the			
- ·	0.2.1	Gervices	Provide linguistic services. Provide translation and interpretation services			
			during an emergency event to communicate instructions, translate and			
			provide interpretation services. This capability includes verbal and written			
			translation support and services. Includes (but not limited to) public			
			information broadcasts, control of large groups, meetings between English			
		Drovido Lingui-ti-	and non-English speakers, assistance in document completion, message			
6	6.2.2	Services	patients, and assisting medical personnel with non-English speaking			
Ť			Provide temporary postal operations support. This capability includes			
			transporting, collecting and receiving mail, selling stamps, providing			
1		Provide Postal	registered, insured, and certified mail services. May also included			
		Operations	management activities, if required. This capability does not include door-to-			
1 6	631	Support	Idoor delivery or international mail services			

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505	TACK #			UTC (Perconnol)	UTC (Equipment)	Commonts
ESF	TASK #	IIILE	DESCRIPTION	(Personner)	(Equipment)	Comments
7	7.1.1	Provide Personnel Support for Warehousing/Faci lity Operations	Provide personnel support for warehousing/facility operations. This capability includes personnel support for receiving storing, packing, preparing commodities for shipment, issuing, tracking, and distributing commodities/resources.			
7	7.1.2	Provide Support Equipment for Warehousing/Faci lity Operations	Provide support equipment for warehousing/facility operations. This capability includes operators and equipment to support receiving, storing, issuing, tracking, and distributing commodities/resources, and operations. May also support sorting, packaging, palletizing, and delivery to indentified points of distribution. Note: Units assigned this task are expected to have the full scope of personnel, equipment and training to perform this tasks to standard.			
7	7.1.3	Provide Military Facilities to Support Civil Authorities	Provide Military facilities to support civil authorities. This capability includes maintenance/sustainment, warehousing, medical/triage stations, base-camp, and other appropriate use for civilian authorities. Note: This task requires military units to pre-identify any and all existing facilities that may be required for usage. Military personnel may be expected to operate and maintain the facilities in accordance with civil authorities.	All PB and RH UTCs as required	All PB and RH UTCs as required	
7	7.2.1	Establish and Operate a Point Of Distribution (POD)	Establish and operate a point of distribution. This capability includes establishing and operating points of distribution of commodities in accordance with Federal standard commodity distribution model.			
7	7.2.2	Augment Point Of Distribution (POD)	Augment for Point of Distribution (POD). This capability includes personnel and/or equipment to support distribution of commodities in accordance with Federal standard commodity distribution model.			
7	7.2.3	Augment Mobile Distribution Operations	Provide personnel and support equipment for mobile distribution operations. This capability includes personnel and equipment to support distribution of commodities to affected rural areas, where roads are damaged, and various drop locations, in accordance with Federal standard commodity distribution per person in accordance with Federal standard commodity distribution model per Person. Provide Wholesale (Bulk) fuel distribution. This capability includes			
7	7.2.4	Provide Wholesale (Bulk) Fuel Distribution	establishing wholesale tuel operations to distribute tuel (diesel or unleaded) to existing retail fuel operations at remote or mobile locations. Mobile sites may include off-road or unimproved locations. Note: Fuel needs to be acquired or provided.			
7	7.2.5	Provide Wholesale (Bulk) Aviation Fuel Distribution	Establish wholesale fuel operations to distribute aviation fuel at existing, remote or mobile locations. Mobile sites may include off-road or unimproved locations. Note: Fuel needs to be acquired or provided.			
7	7.2.6	Provide Retail Fuel Distribution	Provide retail fuel distribution. This capability includes establishing distribution sites to refuel vehicles and small equipment for remote or mobile locations. Mobile sites may include off road or unimproved locations. Note: Fuel needs to be acquired or provided.			
7	7.2.7	Provide Retail Aviation Fuel Distribution	Provide retail avation fuel distribution. This capability includes establishing distribution sites to refuel aircraft. May include on airport, uncontrolled airfields, or remote heliports. Note: Fuel needs to be acquired or provided.			

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ESF	TASK #	TITLE	DESCRIPTION	(Personnel)	(Equipment)	Comments
			Provide mass food preparation to field and remote sites. This capability			
			includes personnel and supplies for 2 days operations (to include consumable			
			supplies (ruel etc) augmented with service items such as plates and liatware,			
			meal planning and preparation serving and sanitation. Note: A normal meal			
		Provide Mass	schedule will include two hot meals per day augmented by one sack-lunch or			
		Food Preparation	Meal Ready to Eat. Note: Resupply requirements and sources must be			
		to field and	identified within 24 hours. Resupply process/system will be negotiated as			
7	7.3.1	remote sites	soon as possible with controlling civilian agency.			
			Provide mass food preparation using military kitchens/facilities. This			
			capability includes necessary facilities, personnel, supplies and equipment to			
			prepare, and serve, meals. Also includes meal planning, preparation, serving,			
		Provide Mass	and sanitation. Note: A normal meal schedule will include two hot meals per			
		Food Preparation	day augmented by one sack-lunch or Meal Ready to Eat. Includes			
7	732	Vitchens/Eacilities	and flatware for 2 days operations			
-	1.5.2	ratellenari aciintes				
			Provide mass personal hygiene (shower, sink, and toilet) facilities in			
			rural/urban areas, including controlling/containing gray water and waste			
		Provide Personal	products. Note: The military is limited in quantity and location of shower and			
7	7.4.1	Hygiene Service	bath units. Note: Consumable supplies need to be acquired or purchased.	_		
			Provide hand washing station(s). This capability includes identifying essential			
			areas (i.e. restrooms, food service areas, waste management areas and			
		Provide	shelters) and establishing unmanned hand washing stations consisting of			
		Unmanned Hand	water source, nand soap, paper towers, trash receptacie and gray water			
-	740	wasning Station(s)	capture device. Note: Consumable supplies need to be acquired or		440ET 4E014	
	1.4.2	Station(S)	purchaseu.	4FFAU	449E1, 4F9L4	

				TIER 3: IMPLIED MATCH		
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ESF	TASK #	TITLE	DESCRIPTION	(Personnel)	(Equipment)	Comments
			Establish and Operate a Casualty Collection Point. This capability includes			
			Support (BLS) under the general direction of the Chief Medical Authority			
			(CMA) as designated by proper authority. The Collection Point will operate as			
			an integrated element of emergency response. This capability includes the			
			general tasks of Triage, patient assessment, stabilization, documentation,			
			immobilization, victim resuscitation, application of basic initial medical			
			procedures to sustain life, patient stabilization, and preparation for transport.			
			medical assistance, patient stabilization, and preparation for transport.			
8	8.1.1		Casualty transportation is not included in this task.			
			Provide Basic Life Support (BLS) in an established medical facility. This			
			capability includes the general tasks of mage, patient assessment,			
			of basic initial medical procedures to sustain life, patient stabilization, and			
			preparation for transport. It also includes simple triage and rapid treatment			
			(START), basic initial medical assistance, patient stabilization, and			
		For the state	preparation for transport. This task represents operating as additional or			
1		Establish and	aujunct stall in support of the range of medical treatments available at the supported facility. Note: Medical Support is provided under the general			
1		Casualty	direction of the medical professional responsible for the specific facility			
8	8.1.2	Collection Point	Support may be provided in a clinic, hospital, surgical, or residence setting.			
			Provide Basic Life Support (BLS) for field stabilization. This capability			
	1	Provide Quellifie 1	Includes conducting field stabilization of casualties, operating individually or in			
		Staffing For Basic	transportation to locations where higher levels of care can be provided. May			
		Life Support In An	also include triage, patient assessment, airway maintenance, Spinal			
1		Established	immobilization, bleeding control, limited documentation, and stabilization in			
8	8.1.3	Medical Facility	preparation for transportation to an established medical treatment facility.			
			Augment Advanced Life Support (ALS) in an established medical facility. This			
			capability includes augmentation in an established medical facility providing			
			cardiac monitoring, cardiac defibrillation, transcutaneous pacing, Intravenous			
			cannulation (IV), Intraosseous (IO) access and intraosseous infusion surgical			
			cricothyrotomy, needle cricothyrotomy, needle decompression of tension			
		Augment	enteral routes (IV, IO, PO, PR, ET, SI, topical, and transdermal). Advanced			
		Advanced Life	Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS) or			
		Support (ALS) in	Pediatric Emergencies for Pre-Hospital Providers (PEPP) and Pre-Hospital			
		an established	Trauma Life Support (PHTLS), Basic Trauma Life Support (BTLS) or			
8	8.2.1	medical facility	International Trauma Life Support (ITLS).			
			capability includes establishing and operating the necessary infrastructure,			
			and staffing to provide essential care and health services. Capability may also			
			include service in modular hospital configurations or existing facilities			
			may include emergency medical services, surgical services, trauma care			
			primary care, preventive medicine, and operational stress control, blood			
		Establish and	banking services, dental services, hospitalization for general classes of			
		Operate	patients, medical logistics and other medical specialty capabilities as			
		Temporary	required Note: May result in release of patient following emergency care, or stabilization to ensure the patient can tolerate evacuation to a definitive care			
		Medical Care	facility outside the immediate disaster area. Requires additional laboratory,			
8	8.3.1	Facility	pharmacy, radiology, and physical therapy services.			
1			Augment Emergency Medical Care Capabilities. This capability includes			
1			services to either release patient following emergency care, or stabilization to			
1			ensure the patient can tolerate evacuation to a definitive care facility outside			
1			the immediate disaster area. Capability may also include service in temporary			
1			(modular) hospital configurations or existing facilities providing support			
1			outside the disaster area. General capabilities supported may include			
		Augment	dental services, preventive medicine, and operational stress control blood			
		Emergency	banking services, hospitalization for general classes of patients. Note:			
		Medical Care	Requires additional laboratory, pharmacy, radiology, and physical therapy			
8	8.3.2	Capabilities	services. Provide advanced emergency medical services. This capability includes using			
1			light-weight, modular, mobile medical facility or existing facility, to provide			
1			treatment, high-level resuscitation, stabilization, and application of emergency			
1		Provide Advanced	procedures to prolong life, stabilize acute injuries, and prepare for transport to			
0	841	Emergency	a medical racility outside the affected area. It also includes forward			
-°	0.4.1	incurcar Services	Provide casualty medical triage. This capability includes prioritizing treatment			
1		Provide Casualty	of casualties, marking proper medical category and processing accordingly			
8	8.4.2	Medical Triage	for treatment and/or transport.			
1			Provide casuality medical triage in a CBRN environment. This capability			
	1		priority, and escorted or transported as appropriate to decontamination area			
1		Provide Casualty	for log-in and treatment, with ability to conduct mission in increased levels of			
1		Medical Triage in	protective posture up to Level C. Note: Level C personal protective equipment			
1.		a Contaminated	(PPE) is used when the type of airborne exposure is known to be guarded			
8	8.4.3	Environment	against adequately by an APR. Provide Ground Casualty Evacuation. This canability includes transport for			
1	1		personnel requiring basic medical transport as a surge capability. This			
1		Provide Ground	support would be for the minimum time necessary to basic medical support			
1		Casualty	during transport to a higher level, established medical facility outside of the			
8	8.5.1	Evacuation	affected area. I U4			

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	TACK #		DESCRIPTION	(Percennel)	UIC (Equipment)	Commonte
ESP	IASK #	IIILE	DESCRIPTION	(Fersonner)	(Equipment)	Comments
			includes cardiac monitoring, cardiac defibrillation, transcutaneous pacing			
			Intravenous candide monitoring, cardiae delibilitation, transcutaneous pacing,			
			infusion Surgical cricothyrotomy. Needle cricothyrotomy, needle			
			decompression of tension pneumothorax. Advanced medication			
			administration through parenteral and enteral routes (IV, IO, PO, PR, ET, SL,			
			topical, and transdermal), Advanced Cardiac Life Support (ACLS), Pediatric			
			Advanced Life Support (PALS) or Pediatric Emergencies for Pre-Hospital			
		Provide Ground	Providers (PEPP) and Pre-Hospital Trauma Life Support (PHTLS), Basic			
		Advanced Life	Trauma Life Support (BTLS) or International Trauma Life Support (ITLS) during			
		Support (ALS)	transport. Note: Ground ALS Transport support may be provided within or			
8	8.5.2	Transport	proximate to a disaster area.			
			Provide emergency medical air evacuation. This capability is for providing			
			medical facility outside of the affected area. Note: Potient condition and			
			availability of the receiving medical facility will determine aircraft canacity for			
		Provide	transport. Aircraft configuration for carrying ambulatory patients, or litter			
1		Emergency	patients or a combination of both as well as necessary supporting medical			
		Medical Air	equipment will determine aircraft transport capacity. Base of operations is			
8	8.5.3	Evacuation	located outside of affected area.			
			Provide air casualty evacuation. This capability includes transport of patients			
			with little or no medical status information available prior to air transport and			
		Provide Air	necessary medical care to sustain life during air transport to an aerial port of			
		Casualty	debarkation for continued movement to a higher level established medical			
8	8.5.4	Evacuation	facility outside of the affected area.			
		Provide Mass	Provide mass casualty response. This capability includes general medical			
8	861	Response	preparation for transport to a medical facility outside the affected area			
<u> </u>	0.0.1	Provide	Provide guarantine support. This capability includes isolation of a medically			
		Quarantine	infectious and contagious population, medical treatment, logistical support,			
8	8.6.2	Support	patient care, sanitation, hygiene and engineering support.			
			organizing/coordinating with federal, state, local, and tribal governments and			
			non-governmental organizations for site/situation assessment, recovery			
			efforts, morgue operations, transportation, remains identification, temporary			
		llumon Domoine	storage and temporary/final disposition following a catastrophic mass fatality			
	074	Human Remains	event. Note: Military units may be assigned to support civilian contracted			
8	8.7.1	Recovery Support	specialists.			
			or human remains from collection points, collecting and storage of all			
		Provide	human remains, establishing clear traffic patterns for entry, exit loading and			
		Temporary Field	unloading areas, collection of all information regarding the location and			
		Morque	recovery of the human remains: collection and storage of all personal effects			
8	8.7.2	Operations	found. Note: Consideration for the storage conditions of human remains for			
	1					
			Provide temporary storage of human remains. This capability includes			
1			establishing collection point for human remains recovered from field			
		Dravida	units/organizations conducting search and recovery missions in the affected			
		Provide	area, establishing clear trainc patterns for entry, exit, loading and unloading			
		Storage of Human	transfer of human remains and personal effects to an established morgue			
8	8.7.3	Remains	facility. No other mortuary affairs tasks will be conducted at this location.			
Ē	1		Provide Personal Effects Management Assistance. This capability includes			
1			assistance with personal effects (PE), management, collection, inventorying,			
		Provide Personal	receipt, recording, accountability, storage, safeguard and disposal of the PE			
1		Effects	of all deceased persons under the control of U.S. civil authority. Note: The			
1.	L	Management	local medical examiner/coroner authority will manage all personal effects			
8	8.7.4	Assistance	policies for the deceased.			
			Provide final disposition/repatriation support. This capability includes the			
1			racilitation of the collection of ante-mortem information, provides fatality			
		Provide Final	family request for final disposition. Note: The local medical examiner/coroner			
1		Disposition/Repatr	authorities will manage all policies for the release and final			
8	8.7.5	iation Support	disposition/repatriation of all human remains under their jurisdiction.			

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ESF	TASK #	TITLE	DESCRIPTION	(Personnel)	(Equipment)	Comments
			Provide Analysis of Medical Surveillance Data. This capability includes but			
			not limited to analyzing collected data from surveillance, modeling and clinical			
		Provide Analysis	data, reviewing and comparing historical data such as respiratory and			
		of Medical	gastroenterological symptoms, zoonotic vectors, and provide advice on further			
8	8.8.1	Surveillance Data	consequence management.			
			Provide Assessment/Inspection Support. This capability includes safety			
			inspections and verification of food, water, and air quality compliance in			
		Provide	coordination with public health sector specific agencies with jurisdiction			
		Assessment/Inspe	Under the direction of proper civilian authority. This capability could be for field			
8	8.9.1	ction Support	or laboratory testing and analysis.			
			Provide Public Health Surveillance. This capability includes coordination with			
			supporting departments and agencies by collecting surveillance data,			
		Descride Dublie	ennancing existing surveillance systems, monitoring the health of general			
		Provide Public	medical needs populations, carry out field studies and investigations, monitor			
	0 10 1	Rumaillanaa	Injunes and disease patients, and potential disease outbleaks, blood and			
•	0.10.1	Surveinance	Brovide behavioral bealth senices. This capability includes providing mental			
			health supportive services, coordinating referrals for specialized mental health			
		Provide	services to include crisis courseling assessment crisis intervention suicide			
		Behavioral Health	prevention, substance abuse services, psychosocial education, behavioral			
8	8.11.1	Services	health triage, and providing behavioral health training.			
			Provide psychological first aid support. This capability includes intervention			
			protocol, such as grief and loss counseling, adjustment support, and			
		Provide	education for coping, developed specifically for immediate response to dealing			
		Psychological	with traumatic incidents and events. Note: This capability is intended for			
8	8.11.2	First Aid Support	immediate short term response, not long term psychiatric care.			
			Provide public health information. This capability includes collecting,			
			monitoring, and assessing information gathered from internal/external			
1		Descriptor Dark II	Information sources, and reporting to Public Health officials regarding			
		Provide Public	alsease/illness progression trends for the at hisk population. Note: Statting			
	0.40.4	nealth	skill sets may include MD (Epidemiological), Veterinarian (Vector Control),			
8	8.12.1	information	information Analysts, Nursing, Logistics.			

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ESF	TASK #	TITLE	DESCRIPTION	(Personnel)	(Equipment)	Comments
			Provide urban search support. This capability assist urban search and rescue		All Fire	
			teams with search function. Search may be accomplished by use listening		Equipment	
		Provide Urban	devices, thermal imagery, visual search, or other technology. Note: The		UTCs as	
9	9.1.1	Search Support	capacities for this capability are FEMA.	4FPFJ, 4FPFP	required	
					All Fire	
		Descripter United	Provide urban rescue support. This capability assist urban search and rescue		Equipment	
•	012	Provide Urban	teams with rescue from collapsed structures. Note: The capacities for this		UTCs as	
9	9.1.2	Rescue Support	Augment Lithan Search and Rescue (LISAR) team(s). This canability includes	4696J, 4696	lequired	
			trained gualified personnel to augment existing USAR teams to support large			
		Augment Urban	scale disaster response in urban environments. This capability also includes		All Fire	
		Search and	primary focus on structural collapse and rope rescue. May also include		Equipment	
		Rescue (USAR)	confined space, trench, vehicle extrication. Note: The capacities for this		UTCs as	
9	9.1.3	Team(s)	capability are FEMA typed.	4FPFJ, 4FPFP	required	
		Provide Inland-	Provide inland-wilderness search support. This capability includes searching			
		Wilderness	open areas, rural and wilderness for subjects. May include dismounted or off-			
9	9.2.1	Search Support	road vehicle mounted search capabilities.			
			Provide inland-wilderness rescue support. This capability includes rescue of subjects in surface areas evolution of damaged structural environments, and			
		Provide Inland-	air rescue. Capability includes litter recovery stabilizing individuals			
		Wilderness	evacuating subject(s) to safety, and utilizing rope hauling systems. May also			
9	9.2.2	Rescue Support	include basic life support or advanced life support capabilities.			
	-		Provide aeronautical search support. This capability includes searching open,			
		Provide	urban, rural, and wilderness for person(s) in distress or likely locations or			
		Aeronautical	indicators of displaced persons. Note: May include fixed wing or rotary wing			
9	9.3.1	Search Support	airframes, and/or imaging capabilities.			
			Provide aeronautical rescue Support. This capability includes a fixed or rotary			
			wing aircraft to rescue otherwise inaccessible person(s) in distress. This			
			capability is used when time is of the essence to preserve life, limb, or			
		Provide	May include hoist operations. Note: When injuries are reported or suspected			
		Aeronautical	allowances for medical professional must be made. This capability does not			
9	9.3.2	Rescue Support	include advance life support.			
			Flood search and rescue operations. This capability includes the ability to			
1		Flood Search and	transit standing and slow moving water utilizing high clearance vehicles or			
		Rescue	watercraft in support of identifying and evacuating person(s), or providing			
9	9.4.1	Operations	resupply support to individuals who shelter in place.			
			Snow/ice search and rescue operations. This capability includes the ability to			
1		Snow/Ice Search	transit snow and ice utilizing high clearance vehicles or weather/terrain			
•	0 4 2	Operations	appropriate venicies in support or identifying and evacuating person(s), or providing resurptly support to individuals who shelter in place			
	3.4.2	operations	providing resupply support to individuals who shelter in place.			

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FSF	TASK #	TITLE	DESCRIPTION	UTC (Personnel)	UTC (Equipment)	Comments
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10	10.1.1	Provide Mass Decontamination	Provide mass decontamination. This capability includes mass decontamination of affected populations. Note: Populations may also include household pets and service animals.	4FPWD, 4FPWE	All CBRNE Equipment UTCs as required	
10	10.1.2	Provide Suspected Chemical, Biological, Radiological, Nuclear (CBRN) Hazards Detection	Provide Suspected Chemical, Biological, Radiological, Nuclear (CBRN) Hazards Detection. This capability includes survey and detection of CBRN hazards using primary and secondary CBRN detection technologies.	4FPWD, 4FPWE	All CBRNE Equipment UTCs as required	
10	10.1.3	Provide Presumptive Identification of Chemical, Biological, Radiological, Nuclear (CBRN) Hazards	Provide presumptive identification of chemical, biological radiological and nuclear hazards (CBRN). Capability includes presumptive identification of CBRN hazards in affected areas.	4FPWD, 4FPWE	All CBRNE Equipment UTCs as required	
10	10.1.4	Provide Suspected Chemical, Biological, Radiological, Nuclear (CBRN) Hazards Monitoring	Provide Suspected Chemical, Biological, Radiological, Nuclear (CBRN) Hazards Monitoring. This capability includes monitoring suspected chemical, biological radiological and nuclear hazards (CBRN) in affected areas.	4FPWD, 4FPWE	All CBRNE Equipment UTCs as required	
10	10.1.5	Provide Suspected Chemical and Biological Hazards Sample Collection	Provide Suspected Chemical and Biological Hazards Sample Collection. This capability includes collecting samples of chemical and biological hazards in preparation for analysis. This capability includes ability to conduct mission in increased levels of protective posture up to Level A.	4FPWD, 4FPWE	All CBRNE Equipment UTCs as required	
10	10.1.6	Provide Suspected Chemical and Biological Hazard Laboratory Analysis	Provide Suspected Chemical and Biological Hazard Laboratory Analysis. This capability includes laboratory analysis of sample(s) to characterize and identify chemical and biological hazards in an on-site, or off site, laboratory.	4FPWD, 4FPWE	All CBRNE Equipment UTCs as required	
10	10.1.7	Provide Chemical, Biological, Radiological, Nuclear (CBRN) Hazards Assessment	Provide CBRN hazards assessment. This capability Includes conducting assessments to quickly and accurately identify and define the effects on personnel and the operating environment of identified CBRN hazards. This capability also includes conducting and providing plume modeling, and other modeling to support decision making, and advising on potential mitigation actions.	4FPWD, 4FPWE	All CBRNE Equipment UTCs as required	
10	10.1.8	Provide Contaminated Debris Clearance Support	Provide contaminated debris clearance support. This capability includes operations of demolition, clearance, segregation, and reduction of debris in contaminated environments Note: Debris types are structures, trees, bulky wegetation, gravel, sand, dirt, appliances, and animals. This capability does not include clearing vehicles or snow removal.	PB and RH EOD UTCs	All CBRNE Equipment UTCs as required	
10	10.2.1	Provide Explosive Ordnance Disposal (EOD) Support	Provide Explosive Ordnance Disposal (EOD) Support. This capability includes limited radiological response for the detection, identification, removal, handling, transport, and disposal of explosives and munitions and/or improvised explosive devices, and/or any incident involving explosives associated with chemical, nuclear, biological, or radiological materials.	All PB and RH EOD UTCs	All EOD Equipment UTCs as required	
10	10.3.1	Provide Weapons of Mass Destruction (WMD) Incident Response	Provide Weapons of Mass Destruction (WMD) Incident Response. This capability provides for the conduct of operations in a Chemical, Biological, Radiological, Nuclear, (CBRN) suspected or actual contaminated environment while providing organic command, control and resupply. This capability will also identify agents and substances, assess current and projected consequences, and advise on response measures, assist with coordination of follow on forces. Crews are trained in WMD/CBRN incident response, assessment, detection, mitigation, sustainment of life functions and decontamination.	All PB and RH EOD UTCs	All EOD Equipment UTCs as required	
				TIER 3: IMPLIED MATCH		
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ES	F TASK #	TITI F	DESCRIPTION	(Personnel)	UTC (Equipment)	Comments
		Augment Plant and Plant Pest	Augment plant and plant pest survey/assessment. This capability includes identification of unknown plant substances and/or plant pests, assistance with surveying and modeling, and advisement on further consequence			
1	11.1.1	Survey/Assessmen t	professionals in response to suspected or identified outbreak.	4FPAX	4F9EE	
		Augment Plant and Plant Pest	Augment plant and pest control. This capability includes assisting with management and control measures (chemical, biological, cultural, and mechanical), and is intended to miticate impacts of plant pests. Note: May			
1	11.1.2	Control	require ground or air support.	4FPAX	4F9EE	
1	11.2.1	Augment Animal Survey/Assessmen t	limited to detection and identification of potential adverse impacts on animals, assistance with surveying and modeling, and advisement on further consequence management. This includes animals such as livestock, poultry, wildlife, laboratory animals, zoological collections, etc. Note: This capability may include just-in-time training to augment professionals in response to suspected or identified outbreak.			
1	11.2.2	Provide Animal Health and Husbandry Support	Provide animal health and husbandry support. This capability may include generally accepted animal husbandry practices such as feeding, veterinary care, sheltering, decontaminating, depopulating, disposal. May also include veterinary public health support to include control of diseases transmissible between humans and animals (zoonoses). Note: This includes animals such as livestock, poultry, wildlife, laboratory animals, zoological collections, etc.			
1	11.3.1	Augment Food Supply Assessment/Inspe ction	Augment food supply assessment/Inspection. This capability includes food safety inspections and verification of slaughter and processing plants, distribution and retail sites, import facilities at port of entry, and laboratory analysis of food samples. Note: May include large expanses of open ground, complex food processing facilities, or large quantities of bulk food commodities, etc.			
	44.0.0	Augment Contaminated Food Supply	Provide Contaminated Food Supply System Response. This capability includes disposition, decontamination of product and affected environment, to include personnel and equipment. Note: May include large expanses of open ground, complex food processing facilities, or large quantities of bulk food			
1	11.3.2	Provide Nutrition Assistance Support	Provide Nutrition Assistance Support. This capability includes providing support for determining nutrition assistance needs, obtaining appropriate food supplies, arrange for delivery of supplies, and authorize disaster food stamp program. Note: A team normally consists of two people and registered dietitian and a dietary Assistant.			
1	11.5.1	Provide Household Pet Evacuation and Transportation Support	Provide household pet evacuation and transportation support. This capability includes evacuation and transportation of pets, and service animals either with their owners or separately to the nearest animal shelter and/or holding area. Note: This capability is predominantly ground.			
1	11.5.2	Augment Pre- established Animal Shelters	Augment pre-established animal shelters. This capability includes providing personnel for conducting animal identification, care and feeding, shelter supplies, pet-owner reunification.			
1	11.5.3	Provide Veterinary Support	Provide Veterinary Support. This capability includes medical support for pets, service animals, and working animals. May also include triage, preventive care, diagnosis, treatment, and euthanasia. May also include veterinary public health support to include control of diseases transmissible between humans and animals (zoonoses). Note: Teams consist of one veterinarian and assistant.			
1	11.6.1	Provide Natural, Cultural, and Historic Resources Support	Provide Natural, Cultural, and Historic Resources Support. This capability may include cultural resources managers (archeologist, conservators, historians, GIS specialist, architects), and natural resources managers (biologist, ecologist, botanist, wetlands specialists, and foresters) for assistance with response actions to preserve, conserve, rehabilitate, recover, and restore NCH resources.			
1	11.6.2	Provide Weather Forecasting Support				

				TIER 3: IMPLIED MATCH		
ESF	TASK #	TITLE	DESCRIPTION	UTC (Personnel)	UTC (Equipment)	Comments
12	12.1.1	Provide Petroleum Based Fuel Transmission Support	Provide Petroleum Based Fuel Transmission Support. This capability includes ground, air, or maritime assets to transmit petroleum based fuel from point of production to the point of distribution/storage. This capability is intended to augment or supplement the existing fuel transportation network to allow civilian authorities to restore normal operations.	4FPAL	4F9J4, 4F9HE	1x 1200 gallon fuel truck; personnel UTC ID'd by equipment UTC
12	12.2.1	Provide Petroleum based Fuel Distribution Support	Provide Petroleum based fuel distribution Support. This capability includes distribution of petroleum products to the end user operating in primary support of public safety/support entities. This capability provides augmentation to sustain energy needs to assist in the support of the restoration of the energy distribution infrastructure. Note: This does not include retail operations.	4FPAL	4F9J4, 4F9HE	1x 1200 gallon fuel truck; personnel UTC ID'd by equipment UTC
12	12.2.2	Provide Fuel distribution to stricken locations Support	Provide support for fuel distribution to stricken locations. This capability includes transport, store and distribute fuel to stricken sites to temporarily sustain operations of critical infrastructure. May include distribution of a single load to multiple locations.	4FPAL	4F9J4, 4F9HE	1x 1200 gallon fuel truck; personnel UTC ID'd by equipment UTC
12	12.2.3	Provide Temporary Electricity Distribution Support	Provide temporary distribution of electricity support. This capability may include temporary or supplemental power supplied to specified critical infrastructure, and priority locations until restoration of public utilities. May also include transportation, logistics, configuration and operation of the equipment.	4FPAP, 4FPAQ	4F9AC, 4F9AP, 4F9EF, 4F9RS, 4F9RT	

				TIE	R 3: IMPLIED MA	тсн
ESF	TASK #	TITLE	DESCRIPTION	UTC (Personnel)	UTC (Equipment)	Comments
13	13.1.1	Provide Facility Security Operations	Provide facility security operations. This capability includes establish and maintaining a secure perimeter. Also includes performing vulnerability and threat assessments, securing designated critical facilities and structures to prevent damage or theft, operating access/control points, internal and external static posts, and patrolling facility and grounds. This capability provides for protection of designated critical facilities to prevent disruptions of vital public services and resources essential to public safety and welfare.			
13	13.1.2	Provide Point/Site Security Operations	Provide point security operations. This capability includes providing holding areas, static posts, check points, access control. This capability provides public protection and/or support to law enforcement operations at a certain location/site or entrance/exit to a controlled area such as points of distribution (PODS), terminals, maritime ports, border operations/ crossings, disaster site(s), etc.			
13	13.1.3	Provide Area Security Support	Provide area security support. This capability is primarily a presence mission is support of civilian law enforcement personnel. May include static posts, wehicle mounted or foot patrol roving security, check points, area denial, and access control. This capability provides public protection and/or support to law enforcement operations and to public infrastructure within defined area of operations. May be required to support quarantine operations. Note: Planning factor 2/3rds vehicle mounted1/3rd foot patrol.			
13	13.1.4	Provide Emergency Responder Protection	Provide emergency responder protection. This capability includes teams consist of 2-3 personnel able to operate independently in support of ongoing emergency responder activities. Responsible for protection of emergency responder personnel to prevent public interference of emergency operations. Note: This capability does not include public or infrastructure protection.			
13	13.1.5	Provide Quick Reaction Support	Provide quick reaction force (QRF). This capability uses pre-identified forces as initial support to state and local law enforcement. This capability Includes filling critical gaps and mitigating types of incidents that have or may result in the interruption of essential services, cause public danger and suffering, risks to lives and property, public disorder, or destruction of critical assets, until follow-on support can assume the mission.			
13	13.1.6	Provide Rapid Reaction Force (RRF	Provide rapid reaction force (RRF). This capability includes pre-identified augmentation to reinforce the Quick Reaction Force (QRF) filling critical gaps and mitigating types of incidents that have, or may, result in the interruption of essential services, cause public danger and suffering, risks to lives and property, public disorder, or destruction of critical assets, until follow-on support can assume the mission. Also Includes Command and Control (C2), tactical movements, extraction and relocation of endangered residents or workers, barricaded suspect negotiations, and recovery of injured persons.			
13	13.1.7	Provide Convoy Security Operations	Provide mobile security operations. This capability includes escort of vehicles in transit, including transporting personnel or cargo deemed at risk of interference. Primarily a show of force mission, intended to assist with the safe ground movement of key personnel and critical assets in response to an emergency. Support limited to assisting civilian authorities with security, not responsible for actual transportation of personnel/materiel. May be armed if approved by proper civilian authority to provide for self protection only.			
13	13.2.1	Provide Public Safety Support	Provide public safety support. This capability includes manning traffic control points, access control, presence patrols, observation, escort, and protective services. This capability provides direct support to law enforcement to mitigate the effects of an escalated incident, civil disturbance, or natural/manmade disaster. May be required to support quarantine operations. Note: Limited or no badged personnel, does not include powers of arrest. Provide crowd control support. This capability includes crowd control activities			
13	13.2.2	Provide Crowd Control Support	and measures to preserve or restore order in response to events that could, or has, escalated causing the disruption of public safety, public order, interruption of essential services, or destruction of critical assets.			

				TIE	R 3: IMPLIED MAT	ГСН
ESF	TASK #	TITLE	DESCRIPTION	UTC (Personnel)	UTC (Equipment)	Comments
		Provide Public Affairs Office (PAO) Augmentation for in Joint	Provide Public Affairs Office (PAO) Augmentation in Joint Information Center(s) (JIC). This capability includes operating in a JIC, planning, coordinating, credentialing, briefing, escorting media representatives, preparing media support materials, releasing approved information to the media, coordinating and executing subject matter expert interviews, internal communication, participating in and monitoring social media, responding to public and media inquires. May also include supporting and providing information for the scenario-specific web site, and non-governmental agencies, supporting and providing information for the scenario-specific web site and providing guidance and support as required, and coordinating with joint, interagency, and non-governmental agencies, developing			
15	<u>15.1.1</u>	Information Center(s) (JIC	communications, Incident Action Plans (IAPs) and messages, press releases, media campaigns, news advisories or other prepared materials. Provide Public Affairs (PAO) representative(s) to the Joint Information Center(s) (JIC). This capability includes providing a military spokes person operating in a JIC, or public information office, coordinating the military information and messages to the JIC for integration into the overall public outreach, preparing media support materials, releasing approved information to the media, coordinating and executing subject matter expert interviews, internal communication, participating in and monitoring social media, responding to public and media inquires. Maintain communications and coordination with the parent command to serve as a channel of media information between the supporting organization and the JIC. May also include supporting and providing information for the scenario-specific web site,			
15	15.1.2	Provide Public Affairs (PAO) Representative(s) to the Joint Information Center(s) (JIC)	and non-governmental agencies, supporting and providing information for the scenario-specific web site and providing guidance and support as required, and coordinating with joint, interagency, and non-governmental agencies, developing communications, providing input for Incident Action Plans (IAPs) and messages, press releases, media campaigns, news advisories or other prepared materials.			
15	15 2 1	Augment Community Relations and Outreach Support	Augment community relations and outreach support. This capability includes providing personnel and equipment to the Incident Command Structure to assist with community relations and outreach efforts, disseminating approved information and canvassing as directed by proper authority. May also include referring individuals to available services, or when directed contact faith based, voluntary, and other community based organizations to disseminate or canvass information renaring services available.			
15	15 2 2	Augment Distinguished Visitor Center	Augment distinguished visitor center. This capability includes providing support to the assigned incident or military command structure to assist with requests for information, visits, or updates from authorized dignitaries and officials. May assist with processing Invitational Travel Authorizations (ITA), preparing and presenting briefings, providing situational updates, and coordinating informational gathering visits and tours. Provides advance coordination and responds to requests for information prior to, during, or after a visit			
15	15.3.1	Provide Inter- governmental/Inte ragency Liaison	Provide Inter-governmental/interagency liaison. This capability includes providing subject matter experts prior to, during, or following an event to serve as the channel of communications and facilitating information exchange between supporting and supported agencies and organizations, gathering, organizing, analyzing and coordinating between civilian emergency managers/planners/ responders (at multiple levels) and the military resource provider. Areas may include law enforcement, fire protection, hurricane response, information centers, emergency operations centers, airfields, staaing areas, joint field offices, etc.			
15	15.3.2	Provide Technical Assistance Support	Provide technical assistance support. This capability provides the mechanism for the military to establish and provide technical assistance and support to civil authorities drawing on unique and specialized skills, equipment, and facilities within the military to improve preparedness of responders. This capability includes resources, expertise, education and training to external agencies and individuals as requested by civil authority to develop and sustain capabilities in support of improved preparedness and response.			
15	15.3.3	Provide Current Information to Stakeholders	Provee current information to stakeholders. This capability includes providing information on current public affairs activities, issues and concerns. May include conducting media analysis, preparing key messages and talking points, identifying key publics, measuring effectiveness, and correcting misperceptions.			

APPENDIX D

CIVIL SUPPORT TASK LIST (CSTL) PRELIMINARY AND FINAL ASSESSMENT

				PRELIMINARY	FINAL ASS	ESSMENT
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
			Provide ground transportation of personnel. This capability Includes planning,			
			coordinating, and supervising movement from a single point in a single			
		Provide Ground	additional supplies and support such as maintenance and fuel. It may also			
		Transportation of	include safety escorts. This capability does not include medical evacuation of			
1	1.1.1	Personnel	injured, medical, and non-ambulatory patients.	NONE	NOT CAPABLE	
		Drovida Crownd	Provide transportation of palletized materials. This capability includes			
		Transportation of	single movement over improved, semi-improved, or unimproved roads and			
		Palletized	highways, tracking and reporting on materials moved, and securing additional			
1	1.1.2	Materials	supplies and support such as maintenance and fuel.	IMPLIED	CAPABLE	
			Provide ground transportation of dry bulk material. This capability includes			
		Provide Ground	single movement over improved, semi-improved, or unimproved roads and			
		Transportation of	highways, tracking and reporting on materials moved, and securing additional			
1	1.1.3	Dry Bulk Material	supplies and support such as maintenance and fuel.	IMPLIED	CAPABLE	
		Provide Ground Transportation of	Provide ground transportation of bulk fuel. This capability includes planning, coordinating, and supervising movement or automobile/diesel fuel from a single point in a single movement over improved, semi-improved, or unimproved roads and highways, tracking and reporting on materials moved, and repute additional powers or the provint or the provintion and features and fuel and repute additional to a single powers or the provintion of t		CADADIS	
1	1.1.4	BUIK FUEI	and securing additional supplies and support such as maintenance and fuel. Provide transportation of potable bulk water. This capability includes planning	IMPLIED	CAPABLE	
	115	Provide Ground Transportation of Potable Bulk	coordinating, and supervising movement from a single point in a single movement from a single point in a single movement over improved, semi- improved, or unimproved roads and highways, tracking and reporting on water moved, and securing additional supplies and support such as maintenance and tool		CADADIS	
<u> </u>	1.1.5	water	Provide transportation of non-potable bulk water. This capability includes		CAFABLE	
1	1.1.6	Provide Ground Transportation of Non-Potable Bulk Water	planning, coordinating, and supervising movement from a single point in a single movement from a single point in a single movement over improved, semi-improved, or unimproved roads and highways, tracking and reporting on water moved, and securing additional supplies and support such as maintenance and fuel.	IMPLIED	CAPABLE	
			Provide ground transportation of heavy equipment, and oversized loads. This			
		Provide Ground	capability includes the planning, coordinating, and supervising movement from			
		Heavy Equipment.	over improved, semi-improved, or unimproved roads and highwavs. tracking			
		and Oversized	and reporting on equipment moved, and securing additional supplies and			
1	1.1.7	Loads	support such as maintenance and fuel.	IMPLIED	CAPABLE	
		Provide Ground Transportation of	Frowe Ground Transportation or Human Kemains. This capability includes the planning, coordinating, and supervising movement from a single point in a single movement from a single point in a single movement over improved, semi-improved, or unimproved roads and highways, tracking and reporting on equipment moved, and securing additional supplies and support such as maintenance and fuel. Note: This capability does not include medical			
1	1.1.8	Human Remains	evacuation of injured, medical, and non-ambulatory patients.	NONE	NOT CAPABLE	
		Provide Air Transportation of	Provide air transportation of personnel. This capability includes planning, coordinating, supervising, maintaining manifests of passengers using fixed or rotary wing aircraft, launching from and recovering to airports/airfields, airstrips, landings zones, as available. This capability does not include			
1	1.2.1	Personnel	medical evacuation of injured, medical, and non-ambulatory patients.	NONE	NOT CAPABLE	
		Provide Air	Provide air transportation of palletized materials. This capability includes			
1		Palletized	prammy, coordinating, supervising, maintaining manifests of materials using fixed or rotary wing aircraft, launching from and recovering to airports/airfields			
1	1.2.2	Material	airstrips, landings zones, as available.	NONE	NOT CAPABLE	

				PRELIMINARY	FINAL ASS	SESSMENT
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
		A !	Provide air transportation of heavy equipment. This capability includes planning, coordinating, supervising, maintaining manifests of equipment using fixed wing aircraft, launching from and recovering to airports/airfields, airstrips, the launching area to be and the second seco			
		of Heavy	can be transported includes, but is not limited to beliconters, construction			
1	1.2.3	Equipment	equipment, firefighting equipment, vehicles, vessels, and trailers.	NONE	NOT CAPABLE	
		Provide Air Transportation of	Provide air transportation of outsized loads. This capability includes planning, coordinating, supervising, maintaining manifests of load transport of single item cargo that exceeds 1,000 inches (25.4 m) in length, 117 inches (3 m) in width, and 105 inches (2.7 m) in height. Capability uses airports, airfields, and airstrips, as available and as needed. Note: Aircraft's cubic footage			
1	1.2.4	Outsized Loads	capacity may be exceeded well before weight capacity	NONE	NOT CAPABLE	
		Provide Air Transportation of Shipping	Provide air transportation of shipping containers. This capability includes planning, coordinating, supervising, maintaining manifests of containers using fixed or rotary wing aircraft using airports/airfields, airstrips, landings zones, as available and as needed. Type of shipping containers include, but is not limited to, sea-land shipping containers, air freight containers, and enclosed			
1	1.2.5	Containers	trailers.	NONE	NOT CAPABLE	
1	1.2.6	Provide Aerospace Operations/Contro I	Provide aerospace operations/control. This capability includes planning, directing and executing joint or combined regional aerospace operations, development of short and mid-term aerospace strategy, producing and disseminating regional Airspace Control Orders (ACO)/Air Tasking Orders (ATO), delineating the flights, missions, timing and coordination. It also includes communication and coordination with other agencies or assets as applicable, day-to-day air operations, and conducting air and space operational assessment.	NONE	NOT CAPABLE	
		Augment Air				
1	1.2.7	Traffic Control Operations	Augment air traffic control operations. This capability includes personnel to augment ongoing ATC operations at civilian or military airfields.	NONE	NOT CAPABLE	
1	1.2.8	Establish and Provide Air Traffic Control Operations	Establish and provide air traffic control operations. This capability includes personnel and equipment to establish and operate at designated airfield. This may include Air Traffic Control at fixed or temporary locations supporting fixed wing or rotary wing aircraft, airfield/landing zone under Visual Flight Rules (VFR) and Instrument Flight Rules (IFR) conditions for multiple aircraft types on small to large temporary/ permanent airfields/landing zones, handling military and civilian aircraft alike. The capability may also include the establishment/resetablishment of operational airfields, landing areas/drop zones, using a variety of communication radios, navgational aids, and weather observation equipment and skills. Communications equipment may include Very High Frequency (VHF), Ultra High Frequency (UHF), Frequency Modulation (FM), and High Frequency (HF) radio capabilities to ensure safe separation of inbound/outbound aircraft. Navgational aids may include VHF Omni-directional Radio (VOR), Tactical Air Navgation (TACAN), Global Positioning System (GFS), and Microwave Landing System (MLS).	NONE	NOT CAPABLE	

				PRELIMINARY	FINAL ASS	ESSMENT
				Prime BEEF and		
				RED HORSE		
				NOTIONAL	Final Capability	
ESF	TASK #	TITLE	DESCRIPTION	Matches	Assessment	Comments
		Establish and				
		Operate	Establish and operate emergency communications center. This capability			
		Emergency	includes Video, unsecure/unclassified internet, on-site radio, and public			
		Communications	switch telephone network (PSTN), communications support for emergency			
2	2.1.1	Center	management, and incident command activities.	NONE	NOT CAPABLE	
		Provide Mobile	Provide mobile emergency communications support. This capability includes			
		Emergency	video, unsecure/unclassified internet, on-site radio, and public switch			
		Communications	telephone network (PSTN), communications support for emergency			
2	2.1.2	Support	management, and incident command activities.	NONE	NOT CAPABLE	
			Provide spectrum/frequency management. This capability includes			
			coordinating, managing and controlling use of the electromagnetic spectrum.			
		Provide	It also includes validating, de-conflicting, and providing status reports for			
		Spectrum/Freque	frequency requests. May also provide management across multiple frequency			
2	2.1.3	ncy Management	bands.	NONE	NOT CAPABLE	
		Provide				
		Temporary	Provide temporary telecommunications support. This capability includes			
		Telecommunicati	establishing and operating telecommunications support to restore disrupted			
2	2.2.1	ons Support	service for critical sites and locations.	NONE	NOT CAPABLE	
1		Provide Radio	Provide radio communication support. This capability includes establishing			
		Communication	and operating radio communications network to restore disrupted service for			
2	2.2.3	Support	critical sites and locations. May include secure communications.	NONE	NOT CAPABLE	

				PRELIMINARY	FINAL ASS	SESSMENT
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
		Provide Ground	capability includes assessing the general habitability of residences, public			
		Based Non-	facilities, areas of high importance, and other areas of vertical infrastructure.			
		Structural	structural, and mechanical engineering experts to affected entities. May also			
		Damage	support assessment staff, remote sensing and computer modeling. Types of			
3	3.1.1	Assessment	assessment include supporting posting levels of access. Note: Teams	IMPLIED	CAPABLE	
3	3.1.2	Provide Road Damage Assessment	Provide road damage assessment. This capability includes determining and reporting the location, quantity and types of damage (Such as culverts, pot holes, and retaining walls). It may also include general assessments of ability and efforts to clear routes for emergency use.	IMPLIED	CAPABLE	
						Bridge structures
		Provide Bridge Damage	Provide bridge damage assessment. This capability includes determining structural stability (such as deck, supports, or abutments and approaches), the location, quantity and types of damage, in an effort to determine load		CAPABLE WITH	are not a specialty, but AF CE officers are degreed
3	3.1.3	Assessment	carrying capacity.	IMPLIED	STIPULATIONS	engineers
3	3.1.4	Provide Rapid Runway/Airfield Damage Assessment	Provide Rapid Runway/Airfield Damage Assessment. This capability includes determining the location, quantity and types of damage of runways, taxiways, helipads, short/vertical takeoff and landing zones.	IMPLIED	CAPABLE	
3	3.1.5	Provide Minimum Operating Strip	Provide Minimum Airfield Operating Strip (MAOS) determination. This capability includes non-traditional determination of types and number of aircraft able to use the runway/landing zone, or taxiway route as well as location of proposed ramp space. It also includes making recommendations for repairs to increase airstrip usable area, and uses information gathered by the damage assessment team to determine operating strip/landing zone.	IMPLIED	CAPABLE	
3	3.1.6	Provide Non- Technical Post Incident Damage Survey	Provide non-technical post-incident damage survey. This capability includes utilizing windshield surveys and dismounted teams to conduct rapid field surveys, recording and reporting damage, and assisting officials with determining extent & severity to structures.	IMPLIED	CAPABLE	
2	217	Conduct Engineer Estimate for Temporary/Emerg ency Horizontal	Conduct engineer estimate for temporary/emergency horizontal repair. This capability includes cost horizontal construction estimates providing engineering support to repair/restore roadways, cuts, fills, culverts, and emplace temporary bridges. Estimate includes required resources, time, and recommended prioritice of first.	MRUED		
3	3.1.7	Nepali	Provide aerial post-incident damage assessments. This capability includes		CAFADLE	
3	318	Provide Aerial Post-Incident Damage Assessments	conducting aerial surveillance to determine the area and extent impacted by the incident, the trafficability of roadways based on observed traffic patterns, observed structural collapse, and observed impacts on the population within the affected area. This task does not include engineering assessments, determinations of habitability of residences, public facilities, areas of high importance and other areas of infrastructure.	NONE		
	0.1.0	, toos daniento	Provide temporary bridge emplacement. This capability includes utilizing	HORE	. IOT ON THELE	Air Force civil
3	3.2.1	Provide Temporary Bridge Emplacement_	standardized prefabricated components for temporary restoration of single lanes across dry/wet voids that can be disassembled upon restoration/replacement of permanent bridge, or when no longer required. These bridges can be built to match a wide range of vehicular bridging applications. Note: May use unit bridging equipment or contract furnished bridge set.		NOT CAPABLE	engineers do not possess the bridging equipment as the definition indicates.
		Provide Rapid Runway and/or	Provide Rapid Runway Repair (RRR)/Aifield Damage Repair (ADR). This capability includes temporary repair to restore structural integrity of horizontal structure. Note: A standard RRR/ADR team consisting of a minimum of seven			
3	3.2.2	Repair	vehicle equipment.		CAPABLE	

				PRELIMINARY	FINAL ASS	SESSMENT
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
		Provide	Provide emergency road repair. This capability includes temporary road			
3	3.2.3	Emergency Road Repair	repairs for roads and traffic ways that hinder critical infrastructure accessibility. Note: Materials must be acquired/provided.		CAPABLE	
			temporary repairs of existing structures and/or construction of temporary			
		Provide	structures for emergency operations, public shelters, points of distribution,			
		Temporary	emergency medical facilities, tentage, and other critical infrastructures			
		Structure Renair/Constructio	needed to provide/sustain public health and satety. This capability also includes determining structure points of entry, status of load bearing walls			
3	3.2.4	n	and calculating types and quantity of required materials.		CAPABLE	
			Denvide and the ended and This are shifty includes a serili stad			
			disciplined crew leadership, and hand tools to remove show from roof toos			
		Provide Roof Top	that are not more than 4/12 pitch to prevent collapse. Note: This capability is			
3	3.2.5	Snow Removal	limited to emergency situations only and does not include ice conditions.		CAPABLE	
		Description	Provide snow removal support. This capability includes snow removal from			
		Provide Emergency Snow	roadway systems, and/or application of material for traction purposes, such			
3	3.2.6	Removal Support	transportation networks and/or access to critical infrastructure.		CAPABLE	
			Provide emergency debris removal. This capability includes operations of			
			demolition, clearance, removal, transport, segregation, reduction, and/or			
		Emergency Debris	gravel, sand, dirt, appliances, and animals. This capability does not include			
3	3.2.7	Removal	vehicle or snow removal.		CAPABLE	
_		Provide Route	Provide route clearance. This capability includes route clearance for roads			
3	3.2.8	Clearance Provide Water	and traffic ways to facilitate emergency access.		CAPABLE	
		Systems	Provide water system inspections support. This task includes sampling,			
		Inspections	disinfection, water tank inspections for damage or leaks. Engineering support			
3	3.2.9	Support	will be required to ensure temporary system restoration at a minimum.		CAPABLE	
1			riovue wastewater inspection support. This capability includes sampling, disinfection, waste water plant inspections, sewer flush out, water treatment			
1			personnel decontamination. Engineering support will be required to ensure			
		Provide	temporary system restoration at a minimum. Note: To accomplish this			
		Wastewater	capability additional resources such as electricity, water distribution, waste			
3	3210	Support	water system repair, weiding, security, neavy equipment operations may be required		CAPABLE	
	0.20		Provide sandbagging support. This capability provides for filling sandbags, and		O/II / IDEE	
			stacking them to create a barrier to block, turn, fix, or disrupt intrusions such			
		Provide Sandbagging	as flood water, contaminants, and critical infrastructure protection. May			
3	3.2.11	Support	transportation assets to move personnel and equipment.	STIPULATIONS	CAPABLE	
	1					
		_				Maritime
		Provide Temporary	Provide terminal and port repair services. This capability includes repair of structural damages to terminals and ports to restore functionality for			structures are not
1	1	Maritime Terminal	embarking and debarking operations. Note: This capability may require			AF CE officers
1	1	and Port Repair	additional capabilities such as damage assessment and heavy equipment	INDIRECT W/	CAPABLE WITH	are degreed
3	3.2.12	Services	support.	STIPULATIONS	STIPULATIONS	engineers

				PRELIMINARY	FINAL ASS	ESSMENT
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
			Provide engineer equipment support. The capability includes			
			utilizing/operating engineer equipment for ingress and egress into areas, earth			
			movement, debris movement, etc. Types of equipment could include dozers			
			(with or without rippers, with or without winches), graders, backhoes, dump			
		Provide Engineer	trucks, skid steers, rollers (smooth, sheep's foot roller, and/or vibratory),			
		Equipment	water truck, front end loaders, excavators, cranes, and supporting assets.		0101015	
3	3.2.13	Support	Note: May require transportation of engineer equipment.		CAPABLE	
		Tomporary				
		Poade/Traile	Provide Temporany Roade/Trails Construction Support. This capability			
		Construction	includes construction of temporary roads and trails. May be used to bypass a			
3	3.2.14	Support	natural or man-made obstacle.		CAPABLE	
			Provide general utility repair. This capability includes support at installation			
			facility level. Support may include restoration of gas, electrical,			
			telecommunications, potable water, oil, waste water and storm drain. May			
			include location marking, pressure testing, energized line testing, temporary			
		Provide General	line lifting. Note: This capability may require additional resources such as			
3	3.2.15	Utility Repair	security, heavy equipment.		CAPABLE	
		Provide Engineer				
		Support to Base				
		Camp and	Provide engineer support to base camp and staging area operation. This			
۱.		Staging Area	capability includes vertical construction, horizontal construction, earth		0101015	
3	3.3.1	Operations	movement support, and maintenance.		CAPABLE	

				PRELIMINARY	FINAL ASS	SESSMENT
				Prime BEEE and		
				RED HORSE		
				NOTIONAL	Final Capability	
ESF	TASK #	TITLE	DESCRIPTION	Matches	Assessment	Comments
			Provide wildland firefighting hand crew. This capability includes hot spot mop-			Not a core
		Provide Wildland	up to prevent re-ignition, fireline construction, and maintaining accountability			capability, but
		Ground Firefighting Hand	and situational reporting as required. Note: This capability may not include seasonal experience or leadership qualifications in accordance with National	DIRECT W/		nas been
4	4.1.1	Crew	Standards.	STIPULATIONS	STIPULATIONS	past
<u> </u>		0.01	Provide Firefighting Teams w/Equipment. This capability includes fire engine			puor
		Provide	team for wildland or urban fire suppression to protect structures or wildland			
		Firefighting	within the fire area and prevent fires from crossing established firelines, hot			
		Teams	spot mop up capabilities to prevent re-ignition, and maintaining accountability			
4	4.1.2	w/Equipment	and situational reporting as required.	DIRECT	CAPABLE	
			Provide engine strike team. This capability includes life suppression to			
			crossing established firelines, bot spot mon-up to prevent mes norm			
			maintaining accountability and situational reporting as required. Note: A			
		Provide Engine	Strike Team consists of 5 engines of the same type and capacity, and a			
4	4.1.3	Strike Team	command unit.	DIRECT	CAPABLE	
			Provide firefighting dozer support (single resource). This capability includes			
			fire suppression to protect structures or wildland within the fire area and			
		Provide	prevent fires from crossing established firelines removing all combustible			Depende en
		Support (Single	clearing existing firelines, providing support to fireline band crows, and	DIRECT W/		availability of
4	4.1.4	Resource)	maintaining accountability and situational reporting as required.	STIPULATIONS	STIPULATIONS	dozer.
			Provide dozer strike team. This capability includes fire suppression to protect			
			structures or wildland within the fire area and prevent fires from crossing			
			established firelines, removing all combustible material and creating a barrier			
			between the fire and areas of vulnerability, clearing existing firelines, providing			
		Drovido	support to fireline hand crews, and maintaining accountability and situational			Depende en
		Frovide Firefighting Dozer	transporter vehicles (usually low boy) 2 operators 2 ground guides strike	DIRECT W/		availability of
4	4.1.5	Strike Team	team leader, leader vehicle with driver.	STIPULATIONS	STIPULATIONS	dozer.
			Provide Aircraft Rescue and Firefighting (ARFF) support. This capability			
			includes rescuing crews from downed aircraft and suppress aircraft fires while			
			maintaining accountability and situational reporting as required. Note; Crew			
			consist of at least 3 Personnel, Tank minimum capacity (Gal) 500, Pump			
		Provide Airfield	minimum flow (GPM) 150 @ 250 PSI, Hose 2 ½ Inch double jacket 300 Feet,			
4	416	Rescue Support	feet. Cab-mounted spot lights 2	DIRECT		
· ·		nooduo ouppon	Provide Fire Truck with Aerial Ladder or Platform truck. This capability	Dirtzer	0/11/10/22	
			includes urban fire suppression to protect structures within the fire area and			
		Provide Aerial	prevent fires from spreading to exposed areas fighting fire from an aerial			
		Ladder or	ladder or platform and or performing rescue operations, while maintaining			
4	4.1.7	Platform Truck	accountability and situational reporting as required.	DIRECT	CAPABLE	
1		Provide Water	Provide water tender. This canability includes water tender to support			
4	418	Tender	firefighting operations	DIRECT	CAPABLE	
۲÷-						
1		Provide Foam				
4	4.1.9	Tender	Provide foam tender to support mainly airfield firefighting operations.	DIRECT	CAPABLE	
1		Provide	Provide helicopter firefighting operations. This capability includes deploying			Civil engineers do
1		Helicopter	tire extinguishing agents. It also includes fire line support and containment,			not possess
4	421	Operations	and not spot mop-up in life areas, and maintaining accountability and situational reporting as required	NONE		iotary-wing

				PRELIMINARY	FINAL ASS	SESSMENT
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
			Provide MAFFS Operations. This capability includes one or both types of			
			airborne retardant/water drop MAFFS systems. MAFFS 1 is a pressurized			
			3000 gallon tank system aboard an aircraft able to drop retardant or water at			
			a rate of under five seconds, covering one quarter of a mile long and 60 feet			
			wide lay down to act as a fire barrier. MAFFS 2 is a fully self-contained			
			system capable of mixing retardant in-flight, drops fire-retardant chemicals			
			used in fighting forest fires, and employs an on-board compressor system			
		Provide Modular	replacing the ground support equipment requirements of the original MAFFS			
		Airborne Fire	1. Aircraft can fly in non-optimum weather, takeoff and land on short field			Oisil an air anns da
		Fighting System	runways, and fly at extremely low altitudes to ensure maximum retardant			Civil engineers do
4	422	(MAFFS)	application to the target area. A support aircraft will typically accompany the	NONE		not possess fixed-
4	4.2.2	operations	Provide fixed wind operations - modular airborne fire fighting system	INDINE	NOT CAFABLE	wing assets.
			(MAEES) This capability includes modular airborne firefighting system			
			(MAFES) C-130 aircraft to dispense water or retardant at very low altitudes.			
		Provide Fixed	Note: Uses air tanker, type 1, able to dispense up to 3000 gallons of			
		Wing Operations -	retardant or water. MAFFS must be coordinated and approved by USFS, can			
		Modular Airborne	be loaded at approved air tanker base, drops in conjunction with MAFFS lead			Civil engineers do
		Fire Fighting	pilots and aircraft systems, and operations conducted in accordance with			not possess fixed-
4	4.2.3	System (MAFFS)	USFS MAFFS Operating Plan.	NONE	NOT CAPABLE	wing assets.
			Provide Maritime Firefighting. This capability includes firefighting on vessels,			
			in littoral waters, inland waters, or onshore facilities near the water. Support is			
			for the minimum time necessary to provide for the search and rescue of			
		Provide Maritime	personnel and critical materials aboard the distressed vessel/facility/hazard.			Only for onshore
Ι.		Firefighting	This capability does not include use of airborne assets or use of search and	DIRECT W/	CAPABLE WITH	tacilities near the
4	4.3.1	Services	rescue teams.	STIPULATIONS	STIPULATIONS	water

FOF	TACK	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability	Comments
ESF	TASK #	IIILE	DESCRIPTION	Watches	Assessment	Comments
5	5.1.1	Provide Response Plan Integration Support	Provide emergency planning support. This capability includes facilitating the development, review, and integration of emergency response plans in preparation for or in response to, natural or manmade disasters, and civil emergencies. This planning supports State strategy and meets the requirements of the National Response Framework, State specific emergency management plans, and the National Incident Management System. It may also support individual agencies, Non-Governmental agencies, or federal/regional/statewide plans integration.	IMPLIED	CAPABLE	
	-					
			Provide planning section support. This capability includes assisting with the facilitation of the planning process, the collection, evaluation, dissemination and use of information about the incident, and the status of resources in preparation for, or in response to, natural or manmade disasters, and civil emergencies. This capability also includes supporting the establishment of information requirements and reporting schedules for the Planning Section, and assisting in the determination of needed specialized resources in support of the incident. Additional supporting duties may include: assisting with the preparation of the Incident Action Plan, assisting in the assembly of information on alternative strategies, and periodic predictions on incident potentials, supporting the re-assignment of out-of -service personnel already			
		Provide Planning	on-site to ICS organizations as appropriate, and assisting with the preparation			
5	5.1.2	Section Support	and implementation of the Incident Demobilization Plan.	IMPLIED	CAPABLE	
_	54.0	Provide Strategic Planning	Provide strategic planning raciitation. This capability includes raciitating the development, review, and integration of strategic plans in preparation for, or in response to all hazards, and civil emergencies. This planning supports State strategy and State specific emergency management plans. It may also support individual agencies, Non-Governmental agencies, or			
5	5.1.5	Pacilitation	the preparation and development of operational plans, gathering information to	IWPLIED	CAPADLE	
		Operations	determine requests or release of resources, and making changes to the			
5	5.1.4	Section Support	Incident Action Plan as directed in preparation for, or in response to, natural	IMPLIED	CAPABLE	
5	5.1.5	Provide Logistics Section Support	Provide Logistics Section support. This task includes assisting the Logistics section with providing staffing and planning support, assisting with the development and implementation of the Incident Action Plan (IAP), and providing assistance with the activation of the branches and units in the Logistics Section in preparation for, or in response to, natural or manmade disasters, and civil emergencies.	IMPLIED	CAPABLE	
			Provide ground imagery support. This capability includes the collection and		-	
5	5.2.1	Provide Ground Imagery Support	analysis of imagery collected from ground based platforms using a variety of medium including still and full motion video, infrared and thermal imagery. May include limited imagery analysis support. This task includes taking, collecting, recording and archiving images for the purpose of historical and anecdotal records, posed and candid images, and may include technical images in support of post incident investigations and assessments. This task may support the full range of disasters and emergencies including both natural and man-caused events.	NONE	NOT CAPABLE	
_	5.2.2	Provide Aerial	Provide Aerial imagery support. This capability includes the collection and analysis of imagery collected from aerial and/or space based platforms using a variety of medium including still and full motion video, infrared and thermal imagery. May include limited imagery analysis support. This task includes taking, collecting, recording and archiving images for the purpose of historical and anecdotal records, posed and candid images, and may include technical images in support of post incident investigations and assessments. This task may support the full range of disasters and emergencies including both	NONE		
э	J.Z.Z	imagery Support	naturai anu man-causeo events.	NONE	NOT CAPABLE	
5	523	Provide Maritime	Provide maritime imagery support. This capability includes imagery analysis support, surface/sub-surface vessel(s) and image analysis system capable of delivering either electro-optical [EO]/infrared [IR]/radar images in inland, littrat. and/ro noen ocean areas	NONE		

				PRELIMINARY	FINAL ASS	ESSMENT
				Prime BEEF and		
				RED HORSE	Final Canability	
FEE	TACK #		DESCRIPTION	Matches		Comments
EOF	IASK #	1116	DESCRIPTION	Watches	Assessment	comments
			Establish emergency shelter using existing structure(s). This capability			
		Establish	includes identifying and establishing shelters for displaced groups of people			
		Emergency	using existing structures with appropriate size, area, and accessibility for			
		Shelter Using	conducting registration, feeding services, sleeping areas, mental health			
		Existing	services, health services, hygiene, sanitation, security, traffic flow, and			
6	6.1.1	Structure(s)	parking. Note: May not include personnel for shelter operations.	IMPLIED	CAPABLE	
			Establish emergency shelter using temporary structure. This capability			
			includes identifying and establishing shelters for displaced groups of people			
		Ectablich	using tentage, or other temporary structures with appropriate size, area, and			
		Emergency	mental health services health services hydrene sanitation security traffic			
		Shelter Using	flow, and parking. Note: This may require additional capabilities for			
		Temporary	tent/structure erection. Note: May not include personnel for shelter			
6	6.1.2	Structure	operations.	IMPLIED	CAPABLE	
			Establish emergency shelter using military facilities. This capability includes			
			identifying and establishing temporary shelters for displaced groups of people			
		Este blick	using existing structures with appropriate size, area, and accessibility for			
		Establish	conducting registration, reeding services, steeping areas, mental nearth			
		Shelter Using	parking NOTE: Armories are not generally appropriate for extended periods of			
6	6.1.3	Military Facilities	use. Note: May not include personnel for shelter operations.	IMPLIED	CAPABLE	
			Provide emergency shelter operations. This capability includes required			
			personnel for conducting, or coordinating with Federal, State, Local, or other			
		Provide	governmental or non-governmental agencies, for registration, feeding services,			
		Emergency	sleeping areas, mental health services, health services, hygiene, sanitation,			
		Shelter	security, traffic flow, and parking. NOTE: This capability requires additional	NONE		
0	6.1.4	Operations	capabilities support and special needs considerations.	NONE	NOT CAPABLE	
		Emergency	Provide emergency shelter inspections. This canability includes inspecting			
		Shelter	established or potential shelters for safety and suitability for occupation in			
6	6.1.5	Inspections	accordance with the proper governing regulations and policies.	IMPLIED	CAPABLE	
			Provide Chaplain support. This capability includes Critical Incident Stress			
1			Management (CISM), Trained Crisis Responder (TCR) and Pastoral Crisis			
1			Intervention (PCI) and counseling. Support may be provided by teams			
1			consisting of one officer/chaptain and one enlisted aide, or an individual			
1		Provide Chanlain	etc. Note: Military clergy are specifically prohibited from ministering to the			
6	6.2.1	Services	deneral public.	NONE	NOT CAPABLE	
F			Provide linguistic services. Provide translation and interpretation services			
1			during an emergency event to communicate instructions, translate and			
1			provide interpretation services. This capability includes verbal and written			
1			translation support and services. Includes (but not limited to) public			
1			Information broadcasts, control of large groups, meetings between English			
1		Provide Linguistic	and non-English speakers, assistance in document completion, message			
6	622		conversions, and assisting medical personner with non-⊏nglish speaking natients. Team size varies between 3-5 individuals	NONE		
	0.2.2	001 11063	Provide temporary postal operations support. This capability includes	NONE	NOT ON ABLE	
1			transporting, collecting and receiving mail, selling stamps, providing			
1		Provide Postal	registered, insured, and certified mail services. May also included			
1		Operations	management activities, if required. This capability does not include door-to-			
6	6.3.1	Support	door delivery or international mail services.	NONE	NOT CAPABLE	

				PRELIMINARY	FINAL ASSESSMENT	
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
7	7.1.1	Provide Personnel Support for Warehousing/Faci lity Operations	Provide personnel support for warehousing/facility operations. This capability includes personnel support for receiving storing, packing, preparing commodities for shipment, issuing, tracking, and distributing commodities/resources.	NONE	NOT CAPABLE	
7	7.1.2	Provide Support Equipment for Warehousing/Faci lity Operations	Provide support equipment for warehousing/facility operations. This capability includes operators and equipment to support receiving, storing, issuing, tracking, and distributing commodities/resources, and operations. May also support sorting, packaging, palletizing, and delivery to indentified points of distribution. Note: Units assigned this task are expected to have the full scope of personnel, equipment and training to perform this tasks to standard.	NONE	NOT CAPABLE	
7	7.1.3	Provide Military Facilities to Support Civil Authorities	Provide Military facilities to support civil authorities. This capability includes maintenance/sustainment, warehousing, medical/triage stations, base-camp, and other appropriate use for civilian authorities. Note: This task requires military units to pre-identify any and all existing facilities that may be required for usage. Military personnel may be expected to operate and maintain the facilities in accordance with civil authorities.	IMPLIED	CAPABLE	
7	7.2.1	Establish and Operate a Point Of Distribution (POD)	Establish and operate a point of distribution. This capability includes establishing and operating points of distribution of commodities in accordance with Federal standard commodity distribution model.	NONE	NOT CAPABLE	
7	7.2.2	Augment Point Of Distribution (POD)	Augment for Point of Distribution (POD). This capability includes personnel and/or equipment to support distribution of commodities in accordance with Federal standard commodity distribution model.	NONE	NOT CAPABLE	
7	7.2.3	Augment Mobile Distribution Operations	Provide personnel and support equipment for mobile distribution operations. This capability includes personnel and equipment to support distribution of commodities to affected rural areas, where roads are damaged, and various drop locations, in accordance with Federal standard commodity distribution per person in accordance with Federal standard commodity distribution model per Person.	NONE	NOT CAPABLE	
		Provide Wholesale (Bulk)	Provide Wholesale (Bulk) fuel distribution. This capability includes establishing wholesale fuel operations to distribute fuel (diesel or unleaded) to existing retail fuel operations at remote or mobile locations. Mobile sites may include off-road or unimproved locations. Note: Fuel needs to be acquired or			
7	7.2.4	Fuel Distribution Provide Wholesale (Bulk) Aviation Fuel Distribution	provided. Establish wholesale fuel operations to distribute aviation fuel at existing, remote or mobile locations. Mobile sites may include off-road or unimproved locations. Note: Fuel needs to be acquired or provided.	NONE NONE	NOT CAPABLE	
7	7.2.6	Provide Retail Fuel Distribution	Provide retail fuel distribution. This capability includes establishing distribution sites to refuel vehicles and small equipment for remote or mobile locations. Mobile sites may include off road or unimproved locations. Note: Fuel needs to be acquired or provided.	NONE	NOT CAPABLE	
7	7.2.7	Provide Retail Aviation Fuel Distribution	Provide retail avation fuel distribution. This capability includes establishing distribution sites to refuel aircraft. May include on-airport, uncontrolled airfields, or remote heliports. Note: Fuel needs to be acquired or provided.	NONE	NOT CAPABLE	

				PRELIMINARY	FINAL ASS	ESSMENT
				Prime BEEF and		
				RED HORSE		
				NOTIONAL	Final Capability	
ESF	TASK #	TITLE	DESCRIPTION	Matches	Assessment	Comments
			Provide mass food preparation to field and remote sites. This capability			
			includes personnel and supplies for 2 days operations (to include consumable			
			supplies (fuel etc) augmented with service items such as plates and flatware,			
			and equipment to prepare, and serve, meals. This capability also includes			
			meal planning and preparation, serving, and sanitation. Note: A normal meal			
		Provide Mass	schedule will include two hot meals per day augmented by one sack-lunch or			
		Food Preparation	Meal Ready to Eat. Note: Resupply requirements and sources must be			
_		to field and	identified within 24 hours. Resupply process/system will be negotiated as			
7	7.3.1	remote sites	soon as possible with controlling civilian agency.	NONE	NOT CAPABLE	
			Provide mass food preparation using military kitchens/facilities. This			
			capability includes necessary facilities, personnel, supplies and equipment to			
		Deside Marca	prepare, and serve, meals. Also includes meal planning, preparation, serving,			
		Provide Mass	and sanitation. Note: A normal meal schedule will include two not meals per			
		Food Preparation	day augmented by one sack-lunch or Meal Ready to Eat. Includes			
7	7 2 2	Using Military	consumable supplies (fuel etc), augmented with service items such as plates	NONE		
1	1.3.2	Kitchens/Facilities	and liatware for 2 days operations.	INUINE	NUT CAPABLE	
			Provide mass personal hygiene (shower sink and toilet) facilities in			
			rural/urban areas including controlling/containing gray water and waste			
		Provide Personal	products. Note: The military is limited in quantity and location of shower and			
7	7.4.1	Hygiene Service	bath units. Note: Consumable supplies need to be acquired or purchased.	NONE	NOT CAPABLE	
			Provide hand washing station(s). This capability includes identifying essential			
			areas (i.e. restrooms, food service areas, waste management areas and			
		Provide	shelters) and establishing unmanned hand washing stations consisting of			
		Unmanned Hand	water source, hand soap, paper towels, trash receptacle and gray water			
		Washing	capture device. Note: Consumable supplies need to be acquired or			
7	7.4.2	Station(s)	purchased.	IMPLIED	CAPABLE	

				PRELIMINARY	FINAL ASS	ESSMENT
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
8	8.1.1		Establish and Operate a Casualty Collection Point. This capability includes establishing and operating Casualty Collection Point provding Basic Life Support (BLS) under the general direction of the Chief Medical Authority (CMA) as designated by proper authority. The Collection Point will operate as an integrated element of emergency response. This capability includes the general tasks of Triage, patient assessment, stabilization, documentation, immobilization, victim resuscitation, application of basic initial medical procedures to sustain life, patient stabilization, and preparation for transport. It also includes simple triage and rapid treatment (START), basic initial medical assistance, patient stabilization, and preparation for transport. Casualty transportation is not included in this task.	NONE	NOT CAPABLE	
		Establish and Operate a Casualty	Provide Basic Life Support (BLS) in an established medical facility. This capability includes the general tasks of Triage, patient assessment, stabilization, documentation, immobilization, victim resuscitation, application of basic initial medical procedures to sustain life, patient stabilization, and preparation for transport. It also includes simple triage and rapid treatment (START), basic initial medical assistance, patient stabilization, and preparation for transport. This task represents operating as additional or adjunct staff in support of the range of medical treatments available at the supported facility. Note: Medical Support is provided under the general direction of the medical professional responsible for the specific facility.			
8	8.1.2	Collection Point Provide Qualified Staffing For Basic Life Support In An Established	Support may be provided in a clinic, hospital, surgical, or residence setting. Provide Basic Life Support (BLS) for field stabilization. This capability in includes conducting field stabilization of casualties, operating individually or in teams to identify and provide services to casualties in preparation for transportation to locations where higher levels of care can be provided. May also include triage, patient assessment, airway maintenance, Spinal immobilization, bleeding control, limited documentation, and stabilization in	NONE	NOT CAPABLE	
8	<u>8.1.3</u>	<u>Medical Facility</u> Augment Advanced Life Support (ALS) in	preparation for transportation to an established medical treatment facility. Augment Advanced Life Support (ALS) in an established medical facility. This capability includes augmentation in an established medical facility providing cardiac monitoring, cardiac defibrillation, transcutaneous pacing, Intravenous canulation (IV), Intraoseous (IO) access and intraoseous infusion surgical cricothyrotomy, needle cricothyrotomy, needle decompression of tension pneumothorax advanced medication administration through parenteral and enteral routes (IV, IO, PO, PR, ET, SL, topical, and transdermal), Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS) or Pediatric Emergencies for Pre-Hospital Providers (PEPP) and Pre-Hospital	NONE	NOI CAPABLE	
8	8.2.1	an established medical facility Establish and Operate Temporary Emergency Modical Care	Irauma Lite Support (PHLS), Basic Irauma Lite Support (BHLS) or International Trauma Life Support (ITLS). Establish and operate temporary emergency medical care facility. This capability includes establishing and operating the necessary infrastructure, and staffing to provide essential care and health services. Capability may also include service in modular hospital configurations or existing facilities providing support outside the disaster area. General capabilities supported may include emergency medical services, surgical services, trauma care, primary care, preventive medicine, and operational stress control, blood banking services, dental services, hospitalization for general classes of patients, medical logistics and other medical specialty capabilities as required Note: May result in release of patient following emergency care, or stabilization to ensure the patient can tolerate evacuation to a definitive care foiling united the immediate discater care. Requires additional betwertory.	NONE	NOT CAPABLE	
8	8.3.1	Augment Emergency Medical Care	Patrimery, radiology, and physical therapy services. Augment Emergency Medical Care Capabilities. This capability includes personnel to augment existing staff providing essential care and health services to either release patient following emergency care, or stabilization to ensure the patient can tolerate evacuation to a definitive care facility outside the immediate disaster area. Capability may also include service in temporary (modular) hospital configurations or existing facilities providing support outside the disaster area. General capabilities supported may include emergency medical services, surgical services, trauma care, primary care, dental services, preventive medicine, and operational stress control, blood banking services, hospitalization for general classes of patients. Note: Requires additional laboratory, pharmacy, radiology, and physical therapy	NONE	NOT CAPABLE	
8	8.3.2	Capabilities Provide Advanced Emergency	services. Provide advanced emergency medical services. This capability includes using light-weight, modular, mobile medical facility or existing facility, to provide treatment, high-level resuscitation, stabilization, and application of emergency procedures to prolong life, stabilize acute injuries, and prepare for transport to a medical facility outside the affected area. It also includes forward the treatment and experiment activate for any section.	NONE		
8	8.4.2	Provide Casualty Medical Triage Provide Casualty	staurization, printary care, and prepare patients for evacuation. Provide casualty medical triage. This capability includes prioritizing treatment of casualties, marking proper medical category and processing accordingly for treatment and/or transport. Provide casualty medical triage in a CBRN environment. This capability includes triage, marking with proper medical category for decontamination priority, and escorted or transported as appropriate to decontamination area for loci-in and treatment, with ability to conduct mission in increased levels of	NONE	NOT CAPABLE	Civil engineers are not medical specialists.
8	8.4.3	Medical Triage in a Contaminated Environment	protective posture up to Level C. Note: Level C personal protective equipment (PPE) is used when the type of airborne exposure is known to be guarded against adequately by an APR. Provide Ground Casualty Evacuation. This capability includes transport for personnel requiring basic medical transport as a surge capability. This support would be for the minimum time necessary to basic medical support during thereased to a biotective land.	NONE	NOT CAPABLE	Civil engineers are not medical specialists.
8	8.5.1	Evacuation	affected area.	NONE	NOT CAPABLE	

				PRELIMINARY	FINAL ASS	ESSMENT
				Prime BEEF and		
				RED HORSE		
				NOTIONAL	Final Capability	0
ESF	TASK #	TITLE	DESCRIPTION	Matches	Assessment	Comments
			Provide Ground Advanced Life Support (ALS) transport. This capability			
			includes cardiac monitoring, cardiac defibrillation, transcutaneous pacing,			
			Intravenous cannulation (IV), Intraosseous (IO) access and intraosseous			
			decompression of tension proumetherax. Advanced mediaction			
			administration through parenteral and enteral routes (IV, IO, PO, PR, ET, SI			
			topical and transdermal) Advanced Cardiac Life Support (ACLS) Pediatric			
			Advanced Life Support (PALS) or Pediatric Emergencies for Pre-Hospital			
		Provide Ground	Providers (PEPP) and Pre-Hospital Trauma Life Support (PHTLS). Basic			
		Advanced Life	Trauma Life Support (BTLS) or International Trauma Life Support (ITLS) during			
		Support (ALS)	transport. Note: Ground ALS Transport support may be provided within or			
8	8.5.2	Transport	proximate to a disaster area.	NONE	NOT CAPABLE	
			Provide emergency medical air evacuation. This capability is for providing			
			continuing life support medical care during movement to a higher level			
			medical facility outside of the affected area. Note: Patient condition and			
		.	availability of the receiving medical facility will determine aircraft capacity for			
I I		Frovide	transport, Aircraft configuration for carrying ambulatory patients, or litter			
		Emergency Medical Air	patients or a combination of both as well as necessary supporting medical			
8	853	Evacuation	equipment will determine ancrait transport capacity. Dase of operations is	NONE		
	0.0.0		Provide air casualty evacuation. This canability includes transport of patients	NONE	NOT ON ADLE	
			with little or no medical status information available prior to air transport and			
		Provide Air	necessary medical care to sustain life during air transport to an aerial port of			
		Casualty	debarkation for continued movement to a higher level established medical			
8	8.5.4	Evacuation	facility outside of the affected area.	NONE	NOT CAPABLE	
		Provide Mass	Provide mass casualty response. This capability includes general medical			
		Casualty	care and treatment, resuscitation, general surgery, patient stabilization, and			
8	8.6.1	Response	preparation for transport to a medical facility outside the affected area.	NONE	NOT CAPABLE	
		Provide	Provide quarantine support. This capability includes isolation of a medically			
		Quarantine	infectious and contagious population, medical treatment, logistical support,	NONE		
•	0.0.2	Support	patient care, sanitation, hygiene and engineering support.	INDINE	NUT CAPABLE	
			non-governmental organizations for site/situation assessment recovery			
			efforts, morque operations, transportation, remains identification, temporary			
			storage and temporary/final disposition following a catastrophic mass fatality			
		Human Remains	event. Note: Military units may be assigned to support civilian contracted			
8	8.7.1	Recovery Support	specialists.	NONE	NOT CAPABLE	
			of human remains from collection points, collecting and storage of all			
			anti/post mortem information related to the tentative identification of the			
		Provide	human remains, establishing clear traffic patterns for entry, exit, loading and			
		Temporary Field	unloading areas, collection of all information regarding the location and			
-		Morgue	recovery of the human remains; collection and storage of all personal effects			
8	8.7.2	Operations	tound. Note: Consideration for the storage conditions of human remains for	NONE	NOT CAPABLE	
I I			Provide temporary storage of human remains. This canability includes			
1			establishing collection point for human remains recovered from field			
I I			units/organizations conducting search and recovery missions in the affected			
I I		Provide	area, establishing clear traffic patterns for entry, exit, loading and unloading			
		Temporary	areas. Note: this capability consists only of the reception, storage and			
		Storage of Human	transfer of human remains and personal effects to an established morgue			
8	8.7.3	Remains	facility. No other mortuary affairs tasks will be conducted at this location.	NONE	NOT CAPABLE	
1			Provide Personal Effects Management Assistance. This capability includes			
I I		Decide Doctor	assistance with personal effects (PE), management, collection, inventorying,			
1		Frovide Personal	of all deceased persons under the control of U.S. oivil outbority. Note: The			
1		Management	local medical examiner/coroner authority will manage all personal effects			
8	8.7.4	Assistance	policies for the deceased.	NONE	NOT CAPABLE	
Ť			Provide final disposition/repatriation support. This capability includes the		NOT ON TAPEL	
1			facilitation of the collection of ante-mortem information, provides fatality			
I I			assistance to the family, transfer of Personal Effects (PE) and determines the			
I I		Provide Final	family request for final disposition. Note: The local medical examiner/coroner			
I I		Disposition/Repatr	authorities will manage all policies for the release and final			
8	8.7.5	iation Support	disposition/repatriation of all human remains under their jurisdiction.	NONE	NOT CAPABLE	

				PRELIMINARY	FINAL ASS	SESSMENT
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
			Provide Analysis of Medical Surveillance Data. This capability includes but			
			not limited to analyzing collected data from surveillance, modeling and clinical			
		Provide Analysis	data, reviewing and comparing historical data such as respiratory and			
		of Medical	gastroenterological symptoms, zoonotic vectors, and provide advice on further			
8	8.8.1	Surveillance Data	consequence management.	NONE	NOT CAPABLE	
			Provide Assessment/Inspection Support. This capability includes safety			
			inspections and verification of food, water, and air quality compliance in			
		Provide	coordination with public health sector specific agencies with jurisdiction			
		Assessment/Inspe	Under the direction of proper civilian authority. This capability could be for field			
8	8.9.1	ction Support	or laboratory testing and analysis.	NONE	NOT CAPABLE	
			Provide Public Health Surveillance. This capability includes coordination with			
			supporting departments and agencies by collecting surveillance data,			
		Description Destriction	enhancing existing surveillance systems, monitoring the health of general			
		Provide Public	medical needs populations, carry out field studies and investigations, monitor			
	0 40 4	Health	Injuries and disease patterns, and potential disease outbreaks, blood and	NONE		
•	0.10.1	Survemance	Brouide behavioral boolth conices. This consolitity includes providing montal	NONE	NUT CAPABLE	
			Flowlde behavioral fleating services. This capability includes providing mental bacith supportion convices coordinating referrals for aposicilized mental bacith			
		Provide	senices to include crisis counseling assessment crisis intervention suicide			
		Rehavioral Health	prevention, substance abuse senices, psychosocial education, behavioral			
8	8 11 1	Services	health triage, and providing behavioral health training	NONE	NOT CAPABLE	
		00111000	noard radgo, and providing bonanoral noard radining.	HOHE	HOT ON THEE	
			Provide psychological first aid support. This capability includes intervention			
			protocol, such as grief and loss counseling, adjustment support, and			
		Provide	education for coping, developed specifically for immediate response to dealing			
		Psychological	with traumatic incidents and events. Note: This capability is intended for			
8	8.11.2	First Aid Support	immediate short term response, not long term psychiatric care.	NONE	NOT CAPABLE	
			Provide public health information. This capability includes collecting,			
1			monitoring, and assessing information gathered from internal/external			
			information sources, and reporting to Public Health officials regarding			
		Provide Public	disease/illness progression trends for the at risk population. Note: Staffing			
		Health	skill sets may include MD (Epidemiological), Veterinarian (Vector Control),			
8	8.12.1	Information	Information Analysts, Nursing, Logistics.	NONE	NOT CAPABLE	

				PRELIMINARY	FINAL ASS	ESSMENT
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
			Provide urban search support. This capability assist urban search and rescue			
			teams with search function. Search may be accomplished by use listening			
		Provide Urban	devices, thermal imagery, visual search, or other technology. Note: The			
9	9.1.1	Search Support	capacities for this capability are FEMA.	IMPLIED	CAPABLE	
9	9.1.2	Provide Urban Rescue Support	Provide urban rescue support. This capability assist urban search and rescue teams with rescue from collapsed structures. Note: The capacities for this capability are FEMA typed.	IMPLIED	CAPABLE	
			Augment Urban Search and Rescue (USAR) team(s). This capability includes			
		Augus ant Linkan	trained qualified personnel to augment existing USAR teams to support large			
		Augment Orban	scale disaster response in urban environments. This capability also includes			
		Rescue (USAR)	confined space trench vehicle extrication. Note: The capacities for this			
9	9.1.3	Team(s)	capability are FEMA typed.	IMPLIED	CAPABLE	
		Provide Inland-	Provide inland-wilderness search support. This capability includes searching			
		Wilderness	open areas, rural and wilderness for subjects. May include dismounted or off-			
9	9.2.1	Search Support	road vehicle mounted search capabilities.	NONE	NOT CAPABLE	
			Provide inland-wilderness rescue support. This capability includes rescue of			
			subjects in surface areas exclusive of damaged structural environments, and			
		Provide Inland-	air rescue. Capability includes litter recovery, stabilizing individuals,			
•	022	Wilderness Rescue Support	evacuating subject(s) to safety, and utilizing rope nauling systems. May also	NONE		
9	9.2.2	Rescue Support	Provide aeronautical search support. This capability includes searching open	INOINE	NOT CAFABLE	
		Provide	urban, rural, and wilderness for person(s) in distress or likely locations or			
		Aeronautical	indicators of displaced persons. Note: May include fixed wing or rotary wing			
9	9.3.1	Search Support	airframes, and/or imaging capabilities.	NONE	NOT CAPABLE	
			Provide aeronautical rescue Support. This capability includes a fixed or rotary			
			wing aircraft to rescue otherwise inaccessible person(s) in distress. This			
			capability is used when time is of the essence to preserve life, limb, or			
		Description	eyesight, and is intended to remove persons to the closest location of safety.			
		Provide	May include hoist operations. Note: when injuries are reported or suspected			
9	932	Rescue Support	include advance life support	NONE	NOT CAPABLE	
<u> </u>	5.5.L	neseue ouppon	Flood search and rescue operations. This capability includes the ability to	NONE	NOT ON THELE	
		Flood Search and	transit standing and slow moving water utilizing high clearance vehicles or			
1		Rescue	watercraft in support of identifying and evacuating person(s), or providing			
9	9.4.1	Operations	resupply support to individuals who shelter in place.	NONE	NOT CAPABLE	
1			Snow/ice search and rescue operations. This capability includes the ability to			
1		Snow/Ice Search	transit snow and ice utilizing high clearance vehicles or weather/terrain			
•	912	Operations	appropriate venicies in support or identifying and evacuating person(s), or providing resurply support to individuals who shelter in place	NONE		
Э	3.4.Z	operations	providing resupply support to individuals who shelter in place.	NONE	NOT CAFABLE	

				PRELIMINARY	FINAL ASSESSMENT	
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
10	10.1.1	Provide Mass Decontamination	Provide mass decontamination. This capability includes mass decontamination of affected populations. Note: Populations may also include household pets and service animals.	IMPLIED	CAPABLE	
		Provide				
		Suspected Chemical,				
		Biological, Radiological,	Provide Suspected Chemical, Biological, Radiological, Nuclear (CBRN)			
10	10.1.2	Nuclear (CBRN) Hazards Detection	Hazards Detection. This capability includes survey and detection of CBRN hazards using primary and secondary CBRN detection technologies.	IMPLIED	CAPABLE	
		Provide Presumptive Identification of				
		Chemical, Biological,				
40		Radiological, Nuclear (CBRN)	Provide presumptive identification of chemical, biological radiological and nuclear hazards (CBRN). Capability includes presumptive identification of ORDN heards is a factor and an an an an an an an an an an an an an			
10	10.1.3	Provide Suspected	CBRIN nazaros in allected areas.		CAPABLE	
		Chemical,				
		Radiological, Nuclear (CBRN)	Provide Suspected Chemical Biological Radiological Nuclear (CBRN)			
10	10.1.4	Hazards	Hazards Monitoring. This capability includes monitoring suspected chemical, biological radiological and nuclear hazards (CBRN) in affected areas.	IMPLIED	CAPABLE	
		Provide Suspected				
		Chemical and Biological	Provide Suspected Chemical and Biological Hazards Sample Collection. This capability includes collecting samples of chemical and biological hazards in			
10	10.1.5	Hazards Sample Collection	preparation for analysis. This capability includes ability to conduct mission in increased levels of protective posture up to Level A.	IMPLIED	CAPABLE	
		Provide Suspected				
		Chemical and Biological Hazard	Provide Suspected Chemical and Biological Hazard Laboratory Analysis. This			
10	10.1.6	Laboratory Analysis	capability includes laboratory analysis of sample(s) to characterize and identify chemical and biological hazards in an on-site, or off site, laboratory.	IMPLIED	CAPABLE	
		Provide Chemical, Biological	Provide CBRN hazards assessment. This capability Includes conducting			
		Radiological, Nuclear (CBRN)	personnel and the operating environment of identified CBRN hazards. This capability also includes conducting and providing plume modeling, and other			
10	10.1.7	Hazards Assessment	modeling to support decision making, and advising on potential mitigation actions.	IMPLIED	CAPABLE	
		Provide	Provide contaminated debris clearance support. This capability includes operations of demolition, clearance, segregation, and reduction of debris in			
		Contaminated Debris Clearance	contaminated environments Note: Debris types are structures, trees, bulky vegetation, gravel, sand, dirt, appliances, and animals. This capability does			
10	10.1.8	Support	not include clearing vehicles or snow removal.	INDIRECT	CAPABLE	
		Provide Explosive	Provide Explosive Ordnance Disposal (EOD) Support. This capability includes limited radiological response for the detection, identification, removal,			
		Ordnance Disposal (EOD)	handling, transport, and disposal of explosives and munitions and/or improvised explosive devices, and/or any incident involving explosives			
10	10.2.1	Support	associated with chemical, nuclear, biological, or radiological materials. Provide Weapons of Mass Destruction (WMD) Incident Response. This	DIRECT	CAPABLE	
			capability provides for the conduct of operations in a Chemical, Biological, Radiological, Nuclear, (CBRN) suspected or actual contaminated environment			
		Deceded a 111	while providing organic command, control and resupply. This capability will also identify agents and substances, assess current and projected			
		of Mass	consequences, and advise on response measures, assist with coordination of follow on forces. Crews are trained in WMD/CBRN incident response,			
10	10.3.1	Destruction (WMD)	assessment, detection, mitigation, sustainment of life functions and decontamination.	IMPLIED	CAPABLE	

				PRELIMINARY	FINAL ASSESSMENT	
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				RED HORSE		
				NOTIONAL	Final Capability	
ESF	TASK #	TITLE	DESCRIPTION	Matches	Assessment	Comments
			Augment plant and plant pest survey/assessment. This capability includes			
		Augment Plant	identification of unknown plant substances and/or plant pests, assistance			
		and Plant Pest	with surveying and modeling, and advisement on further consequence			
11	11.1.1	t	professionals in response to suspected or identified outbreak.	IMPLIED	CAPABLE	
		-				
		A	Augment plant and pest control. This capability includes assisting with			
		and Plant Plant	management and control measures (chemical, biological, cultural, and mechanical) and is intended to mitigate impacts of plant pests. Note: May			
11	11.1.2	Control	require ground or air support.	IMPLIED	CAPABLE	
			limited to detection and identification of potential adverse impacts on animals,			
			assistance with surveying and modeling, and advisement on further			
			consequence management. This includes animals such as livestock, poultry,			
		Augment Animal	wildlife, laboratory animals, zoological collections, etc. Note: This capability			
11	11.2.1	t	suspected or identified outbreak.	NONE	NOT CAPABLE	
		-				
			Provide animal health and husbandry support. This capability may include			
		Brovido Animal	generally accepted animal husbandry practices such as feeding, veterinary			
		Health and	veterinary public health support to include control of diseases transmissible			
		Husbandry	between humans and animals (zoonoses). Note: This includes animals such			
11	11.2.2	Support	as livestock, poultry, wildlife, laboratory animals, zoological collections, etc.	NONE	NOT CAPABLE	
			Augment food supply assessment/Inspection. This capability includes food			
		Augment Food	safety inspections and venification of slaughter and processing plants,			
		Supply	analysis of food samples. Note: May include large expanses of open ground,			
		Assessment/Inspe	complex food processing facilities, or large quantities of bulk food			
11	11.3.1	ction	commodities, etc.	NONE	NOT CAPABLE	
		Augment	Provide Contaminated Food Supply System Response. This capability			
		Contaminated	include personnel and equipment. Note: May include large expanses of open			
		Food Supply	ground, complex food processing facilities, or large quantities of bulk food			
11	11.3.2	System Response	commodities, etc.	NONE	NOT CAPABLE	
			Provide Nutrition Assistance Support. This capability includes providing			
		Provide Nutrition	supplies, arrange for delivery of supplies, and authorize disaster food stamp			
		Assistance	program. Note: A team normally consists of two people and registered			
11	11.4.1	Support	dietitian and a dietary Assistant.	NONE	NOT CAPABLE	
		Drevide				
		Household Pet	Provide household pet evacuation and transportation support. This capability			
		Evacuation and	includes evacuation and transportation of pets, and service animals either			
		Transportation	with their owners or separately to the nearest animal shelter and/or holding			
11	11.5.1	Support	area. Note: This capability is predominantly ground.	NONE	NOT CAPABLE	
		Augment Pre-	Augment pre-established animal shelters. This capability includes providing			
		established	personnel for conducting animal identification, care and feeding, shelter			
11	11.5.2	Animal Shelters	supplies, pet-owner reunification.	NONE	NOT CAPABLE	
			Provide Veterinary Support. This capability includes medical support for pets, service animals, and working animals. May also include triage, preventive			
			care, diagnosis, treatment, and euthanasia. May also include vitage, proteining			
		Provide	public health support to include control of diseases transmissible between			
		Veterinary	humans and animals (zoonoses). Note: Teams consist of one veterinarian	NONE		
11	11.5.3	Support	and assistant. Provide Natural Cultural and Historic Resources Support This capability	NONE	NOT CAPABLE	
			may include cultural resources managers (archeologist, conservators.			
		Provide Natural,	historians, GIS specialist, architects), and natural resources managers			
	1	Cultural, and	(biologist, ecologist, botanist, wetlands specialists, and foresters) for			
11	11 6 1	HISTORIC Resources	assistance with response actions to preserve, conserve, rehabilitate, recover,	NONE		
H-		Provide Weather		NUNE	NOT GAPABLE	
	1	Forecasting				
11	11.6.2	Support		NONE	NOT CAPABLE	

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ESF	TASK #	IIILE	DESCRIPTION	Matches	Assessment	Comments
		.	Provide Petroleum Based Fuel Transmission Support. This capability includes			
		Provide Reference	ground, air, or maritime assets to transmit petroleum based fuel from point of			
		Petroleum Based	production to the point or distribution/storage. This capability is intended to			
40	12.4.4	Fuel transmission	augment of supplement the existing fuel transportation network to allow			
12	12.1.1	Support			CAFABLE	
			Provide Petroleum based fuel distribution Support. This canability includes			
		Provide	distribution of petroleum products to the end user operating in primary support			
		Petroleum based	of public safety/support entities. This canability provides augmentation to			
		Fuel Distribution	sustain energy needs to assist in the support of the restoration of the energy			
12	12.2.1	Support	distribution infrastructure. Note: This does not include retail operations.	IMPLIED	CAPABLE	
		Provide Fuel	Provide support for fuel distribution to stricken locations. This capability			
		distribution to	includes transport, store and distribute fuel to stricken sites to temporarily			
		stricken locations	sustain operations of critical infrastructure. May include distribution of a			
12	12.2.2	Support	single load to multiple locations.	IMPLIED	CAPABLE	
		Provide	Provide temporary distribution of electricity support. This capability may			
		Temporary	include temporary or supplemental power supplied to specified critical			
		Electricity	infrastructure, and priority locations until restoration of public utilities. May			
		Distribution	also include transportation, logistics, configuration and operation of the			
12	12.2.3	Support	equipment.	IMPLIED	CAPABLE	

				PRELIMINARY	FINAL ASS	ESSMENT
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
13	13.1.1	Provide Facility Security Operations	Provide facility security operations. This capability includes establish and maintaining a secure perimeter. Also includes performing vulnerability and threat assessments, securing designated critical facilities and structures to prevent damage or theft, operating access/control points, internal and external static posts, and patrolling facility and grounds. This capability provides for protection of designated critical facilities to prevent disruptions of vital public services and resources essential to public safety and welfare.	NONE	NOT CAPABLE	
13	13.1.2	Provide Point/Site Security Operations	Provide point security operations. This capability includes providing holding areas, static posts, check points, access control. This capability provides public protection and/or support to law enforcement operations at a certain location/site or entrance/exit to a controlled area such as points of distribution (PODS), terminals, maritime ports, border operations/ crossings, disaster site(s), etc.	NONE	NOT CAPABLE	
13	13.1.3	Provide Area Security Support	Provide area security support. This capability is primarily a presence mission is support of civilian law enforcement personnel. May include static posts, wehicle mounted or foot patrol roving security, check points, area denial, and access control. This capability provides public protection and/or support to law enforcement operations and to public infrastructure within defined area of operations. May be required to support quarantine operations. Note: Planning factor 2/3rds vehicle mounted1/3rd foot patrol.	NONE	NOT CAPABLE	
13	13.1.4	Provide Emergency Responder Protection	Provide emergency responder protection. This capability includes teams consist of 2-3 personnel able to operate independently in support of ongoing emergency responder activities. Responsible for protection of emergency responder personnel to prevent public interference of emergency operations. Note: This capability does not include public or infrastructure protection.	NONE	NOT CAPABLE	
13	13.1.5	Provide Quick Reaction Support	Provide quick reaction force (QRF). This capability uses pre-identified forces as initial support to state and local law enforcement. This capability Includes filling critical gaps and mitigating types of incidents that have or may result in the interruption of essential services, cause public danger and suffering, risks to lives and property, public disorder, or destruction of critical assets, until follow-on support can assume the mission.	NONE	NOT CAPABLE	
13	13.1.6	Provide Rapid Reaction Force (RRF	Provide rapid reaction force (RRF). This capability includes pre-identified augmentation to reinforce the Quick Reaction Force (QRF) filling critical gaps and mitigating types of incidents that have, or may, result in the interruption of essential services, cause public danger and suffering, risks to lives and property, public disorder, or destruction of critical assets, until follow-on support can assume the mission. Also Includes Command and Control (C2), tactical movements, extraction and relocation of endangered residents or workers, barricaded suspect negotiations, and recovery of injured persons.	NONE	NOT CAPABLE	
13	13.1.7	Provide Convoy Security Operations	Provide mobile security operations. This capability includes escort of vehicles in transit, including transporting personnel or cargo deemed at risk of interference. Primarily a show of force mission, intended to assist with the safe ground movement of key personnel and critical assets in response to an emergency. Support limited to assisting civilian authorities with security, not responsible for actual transportation of personnel/materiel. May be armed if approved by proper civilian authority to provide for self protection only.	NONE	NOT CAPABLE	
13	13.2.1	Provide Public Safety Support	Provide public safety support. This capability includes manning traffic control points, access control, presence patrols, observation, escort, and protective services. This capability provides direct support to law enforcement to mitigate the effects of an escalated incident, civil disturbance, or natural/manmade disaster. May be required to support quarantine operations. Note: Limited or no badged personnel, does not include powers of arrest.	NONE	NOT CAPABLE	
13	13.2.2	Provide Crowd Control Support	Provee crowd control support. This capability includes crowd control activities and measures to preserve or restore order in response to events that could, or has, escalated causing the disruption of public safety, public order, interruption of essential services, or destruction of critical assets.	NONE	NOT CAPABLE	

				PRELIMINARY	FINAL ASS	SESSMENT
ESF	TASK #	TITLE	DESCRIPTION	Prime BEEF and RED HORSE NOTIONAL Matches	Final Capability Assessment	Comments
15	15.1.1	Provide Public Affairs Office (PAO) Augmentation for in Joint Information Center(s) (JIC	Provide Public Affairs Office (PAO) Augmentation in Joint Information Center(s) (JIC). This capability includes operating in a JIC, planning, coordinating, credentialing, briefing, escorting media representatives, preparing media support materials, releasing approved information to the media, coordinating and executing subject matter expert interviews, internal communication, participating in and monitoring social media, responding to public and media inquires. May also include supporting and providing information for the scenario-specific web site, and non-governmental agencies, supporting and providing information for the scenario-specific web site and providing guidance and support as required, and coordinating with joint, interagency, and non-governmental agencies, developing communications, Incident Action Plans (IAPS) and messages, press releases, media campaigns, news advisories or other prepared materials.	NONE	NOT CAPABLE	
15	15.1.2	Provide Public Affairs (PAO) Representative(s) to the Joint Information Center(s) (JIC)	Provide Public Affairs (PAO) representative(s) to the Joint Information Center(s) (JIC). This capability includes providing a military spokes person operating in a JIC, or public information office, coordinating the military information and messages to the JIC for integration into the overall public outreach, preparing media support materials, releasing approved information to the media, coordinating and executing subject matter expert interviews, internal communication, participating in and monitoring social media, responding to public and media inquires. Maintain communications and coordination with the parent command to serve as a channel of media information between the supporting organization and the JIC. May also include supporting and providing information for the scenario-specific web site, and non-governmental agencies, supporting and providing information for the scenario-specific web site and providing judiance and support as required, and coordinating with joint, interagency, and non-governmental agencies, developing communications, providing input for Incident Action Plans (IAPs) and messages, press releases, media campaigns, news advisories or other prepared materials.	NONE	NOT CAPABLE	
15	15.2.1	Augment Community Relations and Outreach Support	Augment community relations and outreach support. This capability includes providing personnel and equipment to the Incident Command Structure to assist with community relations and outreach efforts, disseminating approved information and canvassing as directed by proper authority. May also include referring individuals to available services, or when directed contact faith based, voluntary, and other community based organizations to disseminate or canvass information rearding services available	NONE	NOT CAPABI E	
15	15.2.2	Augment Distinguished Visitor Center	Augment distinguished visitor center. This capability includes providing support to the assigned incident or military command structure to assist with requests for information, visits, or updates from authorized dignitaries and officials. May assist with processing Invitational Travel Authorizations (ITA), preparing and presenting briefings, providing situational updates, and coordinating informational gathering visits and tours. Provides advance coordination and responds to requests for information prior to, during, or after a visit.	NONE	NOT CAPABLE	
15	15.3 1	Provide Inter- governmental/Inte ragency Liaison	Provide Inter-governmental/interagency liaison. This capability includes providing subject matter experts prior to, during, or following an event to serve as the channel of communications and facilitating information exchange between supporting and supported agencies and organizations, gathering, organizing, analyzing and coordinating between civilian emergency managers/planners/ responders (at multiple levels) and the military resource provider. Areas may include law enforcement, fire protection, hurricane response, information centers, emergency operations centers, airfields, stationg areas, ioint field forces, etc.	NONE	NOT CAPARI F	
15	15.3.2	Provide Technical Assistance Support	Provide technical assistance support. This capability provides the mechanism for the military to establish and provide technical assistance and support to civil authorities drawing on unique and specialized skills, equipment, and facilities within the military to improve preparedness of responders. This capability includes resources, expertise, education and training to external agencies and individuals as requested by civil authority to develop and sustain capabilities in support of improved nenaredness and resonnes	NONE	NOT CAPABLE	
15	15.3.3	Provide Current Information to Stakeholders	Provide current information to stakeholders. This capability includes providing information on current public affairs activities, issues and concerns. May include conducting media analysis, preparing key messages and talking points, identifying key publics, measuring effectiveness, and correcting mispecreptions.	NONE	NOT CAPABLE	

APPENDIX E

PRIME BEEF AND RED HORSE AFUTL/METL

				c	NIT ASSIGNME	T	
TASK #	TITLE	DESCRIPTION	PB (Large)	PB (Med)	PB (Small)	RH (Large)	RH (Small)
OP 4.6	Build Sustainment Bases	support for sustainment principar and corporation with support for sustainment activities in conformance with geographic combatant commander's guidance.	×	×	×	×	×
OP 4.6.2	Provide Civil-Military Engineering	Identify, design, construct, lease, or provide facilities, and which operate, maintain, and perform war damage repair and other engineering functions in support of military operations.	×	×	×	×	×
OP 4.7.8	Establish Area Damage Control Measures	To take measures before, during, or after hostile action or manmade disasters to reduce probability of damage, and minimize its effects.	×	×	×		
OP 7.8	Integrate Passive Defense Operations in Joint Operations Area (JOA)	To implement and conduct planned passive defense operations to minimize or negate the vulnerability and effects of CBRN weapons employed against U.S. and partner/allied armed forces, as well as U.S. military interests, installations, and critical infrastructure in the JOA.	×	×	×		
0	Conduct Consequence Management (CM)	To implement JOA CM plan and conduct CM operations in	×	×	×		
TA 7.1	Conduct Mission Operations in a Chemical, Biological, Radiological, Nuclear, and High- Yried Explosives (CBRNE) Environment	To apply principles of avoid, protect, and decontaminate to joint forces operating in proximity to the threat or actual use of chemical biological, radiological, nuclear, and high-yield explosives (CBRNE), includes the coordination of detection, reconnaissance/surveillance, the standardization of warning and reporting between joint and mutimational forces; decontamination support, and the exchange of standing operating procedures (SOPs) to facilitate operations.	×	×	×		
AFOP 4.6.2.1	Provide Fire Protection for Infrastructure and Aircraft Operations	Provide sufficient fire fighting resources to protect all infrastructure, aircraft, and weapons.	×	×	×		
AFTA 1.1	Establish Air Base	Provide first responders to plan, coordinate, and execute "Open the Airbase" requirements including seizing and holding a military lodgment in the face of armed opposition. Validate and determine the subability of a designated airfield forces and follow-on combatexpeditionary support forces. Facilitate the AF's ability to rapidly deploy US military forces and initiate air operations of any type in minimal time at any base or location around the globe. Provide limited C2, aerial port services, quick turn maintenance, force protection and various airbase support capabilities. Establish force protection/airfield security, command and control, terminal operations, air faffic control, airfield management, intelligence operations, quick-turn maintenance and base operating support (BOS). Re-direct CRG forces to a follow-on mission/location or redeployed to home station for sustainment. Provide first responders to plan, coordinate, and execute expeditionary mobility support requirements. Provide	×	×	×	×	×
AFTA 4.5	Perform Explosive Ordnance Disposal (EOD)	Neutralize domestic or foreign conventional, nuclear, chemical, and biological munitions, and improvised explosive devices (IEDs) that present a threat to military operations and military and civilian facilities, material, and personnel, regardless of location. The Departments of Justice. State, and Energy may receive this support in accordance with current agreements and directives. Support includes precautionary training on bomb and sabotage device precautionary training on bomb and sabotage device recognition and other explosive-related safety training.	×	×	×		
AFTA 7.1.2	Respond to Hazardous Materials (HAZMAT)	Provide technician and equipment in support of an incident involving hazardous materials. This includes, but is not linnited to: missile tuel leaks of monomethyl hydrazine (MMH) and nitrogen tetroxide (N2O4), nuclear material from weapons incidents, monomethyl hydrazine (MMH) from aircraft mishaps, chemical spills, and large scale fuel spills.	×	×	×		

Source: Generated by author.

APPENDIX F

AIR FORCE CIVIL ENGINEER PERSONNEL

UNIT TYPE CODE (UTC) MISSION CAPABILITY (MISCAP) STATEMENTS

UTC	MISCAP
	ENGINEER FORCE TO PROVIDE DEPOT LEVEL MAINTENANCE OF MAJOR ELECTRICAL POWER
	GENERATION AND DISTRIBUTION SYSTEMS AND MOBILE AND FIXED AIRCRAFT ARRESTING SYSTEMS FOR
450.4.0	REGIONAL CONFLICT OPERATIONS AT CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE
4F9AC	BASES OR CRITICAL STATESIDE BASES. TEAM CAPABILITIES RANGE FROM ROUTINE CALIBRATION TO
	EMERGENCY MAINTENANCE AND REPAIR TO MAJOR OVERHAUL AND REPAIR OF BOTH REAL PROPERTY
	AND NON-REAL PROPERTY INSTALLED EQUIPMENT. PROVIDES TECHNICAL ASSISTANCE IN CONDUCTING
	ENGINEER FORCE TO PROVIDE TECHNICAL EXPERTISE AND GUIDANCE FOR THE DESIGN, CONSTRUCTION,
4F9AD	AND REPAIR OF AIRFIELD PAVEMENTS IN SUPPORT OF REGIONAL CONFLICT OPERATIONS AT
	CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN-ROUTE BASES, OR CRITICAL STATESIDE
	BASES. USES DESTRUCTIVE AND NON-DESTRUCTIVE TECHNIQUES TO EVALUATE PAVEMENT
	PROVIDES EQUIP SUPPORT FOR 4FPAL UTC FOR MOBILE/FIXED FUEL STORAGE AND DISTRIBUTION
4F9AL	SYSTEMS TO ESTABLISH, OPERATE, AND SUSTAIN CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS,
	EN ROUTE BASES, AND JOINT BASE SUPPORT. EQUIP WILL AUGMENT 4F9ET UTC ON AN AS NEEDED BASIS
	TO PROVIDE SUPPLEMENTAL EQUIPMENT SUPPORT FOR BEDDOWN OF AN AVIATION SQUADRON USING DRAVIDES EQUIPMENT EQR ADDITIVE MAINTENANCE AND ORDERATION SUPPORT OF DOWED CHER ATION
	FROWIDES EQUIPMENT FOR ADDITIVE MAINTENANCE AND OFERATION SUPPORT OF FOWER GENERATION
41'7AI	AND DISTRIBUTION STSTEMS AND MOBILETTAED ANNEED ANNESTING STSTEMS AT CONTINUENCE OPERATINGLOCATIONS AERIAL POPTS AND EN DAITE RACES SURPOPTS ONE (ERA) UTC. REVIEWED
	PROVIDES ALL PERSONNEL AND FOUPENT REQUIRED TO DEPLOY. INSTALL OPERATE. MAINTAIN, RE-
	DEPLOY, AND RE-CONSTITUTE MAAS. PROVIDES FIGHTER AIRCRAFT BARRIER SUPPORT TO DEPLOYED OR
	CONTINGENCY LOCATIONS, DIVERT AIRFIELDS, JCS EXERCISES, AND RUNWAY REPAIRS. PROVIDES TWO
10001	ARRESTING BARRIERS WITH FULL BI-DIRECTIONAL ARRESTING CAPABILITY FOR AIRCRAFT UP TO 58,000
4F9B1	LBS AT 180 KIAS WITH 1,200 FT RUN OUT. SYSTEM INCLUDES LIGHT WEIGHT FAIRLEAD BEAMS (LWFB)
	KIT THAT ALLOWS MAAS INSTALLATION IN SET-BACK CONFIGURATION TO PROVIDE CLEARANCE FOR
	LARGE FRAME AIRCRAFT OPERATIONS. LOCATION AND MISSION MAY REQUIRE OR ALLOW UTC
	TAILORING. VEHICLES REOUIRED TO SUPPORT UTC WILL BE PROVIDED THROUGH LOCAL RENTAL
	MCF EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCE PROVIDING LIMITED VERTICAL
	CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH 4FPB3 OR 4FPB4 TO SUPPORT VERTICAL TASKS
4F9B3	TO INCLUDE; FRAMED BUILDING CONSTRUCTION, SPECIALIZED UTILITES, ANDELECTRICAL EQUIPMENT
	SET-UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND
	FACILITY REPAIR. UTC CAN BE TASKED SEPARATELY TO PROVIDE SUPPORT TO 4F9B4, 4F9B5, OR 4FPET.
	EQUIPMENT ONLY OF FOR CONDUCTING CONCRETE/ASTRALI OPERATIONS TO INCLUDE ROADS, RAMPS, DAMB EVDANSIONS AIDERED DIAMAGEDEDATE AND OTHER CONCRETE ORDATIONS. MIST DE
4F9B4	COMPLETATION AND A MATCHED DAMAGEREI AND AND AND AND AND AND AND AND AND AND
	COMBINED WITH CIS MCF UTC 4FFB3 OR 4FFB4, FOR LARGER FROJECIS BOTH TEAMS MUST BE TASKED TO INCLUDE ALBEET ALL CONSTRUCTION MATERIALS NEED TO BE ACQUIDED TO SUBDOPT ALL BROLECTS.
	EQUIPMENT ONLY UTC TO CONSTRUCT K-SPAN TYPE FACILITIES FOR USE AS COVERED STORAGE.
	AIRCRAFT PARKING SHELTERS, SUNSHADES, OR TOTALLY ENCLOSED FACILITIES. INITIAL MATERIALS
4F9B5	ALLOW FOR CONSTRUCTION OF A SINGLE FACILITY 50' X 100' USING ONE MIC 120 MACHINE. RAW
	MATERIALS MUST BE SUPPLIED FOR CONSTRUCTION OF INITIAL K-SPAN PLUS ADDITIONAL FACILITIES.
	SHOULD BECOMBINED WITH MCF UTC 4F9B3, 4F9B4 AND 4FPET. ADDITIONAL CONSTRUCTION
	MCF EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCE PROVIDING LIMITED VERTICAL
	CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH 4FPB3 OR 4FPB4 TO SUPPORT VERTICAL TASKS
4F9B6	TO INCLUDE; FRAMED BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT
	SET-UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTIONS/REPAIR AND MINOR RENOVATIONS
	AND FACILITYREPAIR. THE 4F9B6 ALSO PROVIDES INTERIOR SPRAY FOAM INSULATION CAPABILITIES.
	SPECIALIZED EQUIPMENT ONLY UTC THAT GIVES CRG FORCES THE CAPABILITY TO DEPLOY VIA AIR
(505-	LAND, AIR INSERT OR AIR DROP TO MAKE EXPEDIENT AIRFIELD DAMAGE REPAIRS. PROVIDES FOR
4F9B7	INITIAL DEMOLITION OF OBSTRUCTIONS; EXPEDIENT FORCE PROTECTION CONSTRUCTION (DIRT BERMS);
	REPAIR AIRFIELD SURFACES FOR C-130/C-17 OPERATIONS. EQUIPMENT IDENTIFIED TO ACCOMPLISH THE
	JEXPEDIENT AIRFIELD REPAIRS AND CONSTRUCTION OF FORCE PROTECTION BERMS INCLUDES THE

	EQUIPMENT ONLY. DESIGNED TO PROVIDE LIVING QUARTERS, WATER/MRE RATIONS, MINIMUM EARTH
	CLEARING, ELECTRICAL POWER, AND SANITATION FACILITIES FOR A MAX OF 150 MOBILE PERSONNEL.
4F9B8	MAY BE USED TO SUPPORT 4FPB* SERIES UTCS. CAPABLE OF OPERATING AT MB, LB, SB, AND BB
	LOCATIONS. CONFIGURED TO SUPPLY ADDITIONAL SUPPORT TO INPLACE CRG FORCES FOR UP TO 90
	DAYS. MUST BE RESUPPLIED/AUGMENTED FOR SUSTAINED OPERATIONS OR IF ITBECOMES THE PRIMARY
	PROVIDES NBC COLLECTIVE PROTECTION AND SUSTAINMENT FOR APPROXIMATELY 280 SORTIE
(FOD)	GENERATION PERSONNEL PER DAY FOR UP TO 96 HOURS. IT PROVIDES PERSONNEL WITH A TOXIC-FREE
4F9DL	REST AND RELIEF ENVIRONMENT. UTC REQUIRES MANPOWER AUGMENTATION (20 PERSONNEL) FOR
	SETUP, MAINTENANCE, OPERATION, AND RECONSTITUTION. RECEIVES MANAGEMENT AND DIRECTION
	THIS UTC IS FOR AFSOC USE ONLY. IT PROVIDES A CIVIL ENGINEER TEAM (12 PERSONNEL) AND AN NBC
	COLLECTIVE PROTECTION SMALL SHELTER SYSTEM (CPSSS) THAT WILL PROVIDE PROTECTION FOR
	APPROXIMATELY 60 (120 HOT BUNK) PERSONNEL PER DAY FOR 30 DAYS. UTC PROVIDES 12 PERSONNEL
	TO SETUP AND OPERATE CPSSS. TEAM MEMBERS ARE TRAINED IN SET-UP MAINTENANCE, OPERATION,
4F9DT	RECONSTUTUION OF CPSSS AND CAN PROVIDE FLEXIBILITY IN PROVIDING LIMITED CBR DEFENSE
	CAPABILITIES. THE CPSSS PROVIDES PERSONNEL WITH A TOXIC FREE REST AND RELIEF ENVIRONMENT.
	THE UTC CAN PROVIDE A LIMITED COMMAND AND CONTROL (C2) WORK AREA WHEN COUPLED WITH
	COMMUNICATIONS EQUIPMENT UTCS. THE UTC OPERATES INA MAIN OPERATING OR COLLOCATED BASE
	(MOB/COB) HIGH THREAT ENVIROMMENT AND SMALLER SURGICAL TYPE MISSIONS. PERSONNEL WILL
	ENGINEER FORCE FOLLOW-ON COMMUNICATION EQUIPMENT SET. PROVIDES FOLLOW-ON SITE
4F9ED	COMMUNICATIONS CAPABILITY IN SUPPORT OF DEPLOYED ENGINEERS. SET DESIGNED TO PROVIDE
	ADDITIONAL COMMUNICATIONS SUPPORT OF BEDDOWN OPERATIONS AT CONTINGENCY OPERATING
	LOCATIONS, FOLLOW-ON WILL AUGMENT 4F9ER UTCS TO PROVIDE COMMUNICATION CAPABILITY FOR
	ENDINGER FUNCE FEST MANAGEMENT EQUIPMENT SET, FROMUES ON SITE FEST MOT CARABILITTIN SUBBODT OF DEDI OVER ENCINEERS, SET DESIGNER TO SUBDOT DEST MOT AND DISEASE CONTROL FOR
4F9EE	SUPPORT OF DEFLOTED ENGINEERS. SET DESIGNED TO SUPPORT FEST MOT AND DISEASE CONTROL FOR
	TO TERSON DEDUCTION A LEATIONS TO ESTABLISH, OT ERATE, AND SOSTAINCOMMINGENCE OF ERATING
	ENGINEER FORCE EQUIPMENT SET TO AUGMENT 4F9ET UTCS OF ONE EN ROUTE SUPPORT MISSION
	CONSISTING OF ONE 4FPET AND THREE 4FPAP UTCS. BY ITSELF, THIS UTC SUPPORTS MISSIONS
4F9EF	(INCLUDING RECOVERY) AT EN ROUTE SUPPORT CONTINGENCY OPERATING LOCATIONS. WHEN TWO
	4F9EF UTCS ARE COMBINED WITH ONE 4F9ET UTC, A TOTAL BEDDOWN POPULATION OF 1100 PERSONNEL
	ENGINEER EQUIPMENT SET THAT INCLUDES HARDWARE AND SOFTWARE REQUIRED TO ACCOMPLISH
	BARE BASE BEDDOWN LAYOUT, DESIGN DRAFTING SUPPORT, PRECISION SITE SURVEY, AND CONTRACT
4E0EU	MANAGEMENTSUPPORT. USED TO ESTABLISH, OPERATE, AND SUSTAIN CONTINGENCY OPERATING
46960	LOCATIONS, AERIAL PORTS, EN ROUTE BASES, NATURALDISASTER RECOVERY AND JOINT BASE SUPPORT.
	EQUIPMENT SET ALSO SUPPORTS NATURAL DISASTER RESPONSE AND AIRCRAFT CRASH AND RECOVERY
	OPERATIONS FOR PRECISION SURVEY REQUIREMENTS USING GLOBAL POSITIONING SYSTEM EQUIPMENT.
	ENGINEER FORCE LEAD COMMUNICATION EQUIPMENT SET. PROVIDES ON SITE COMMUNICATIONS
4F9ER	CAPABILITY IN SUPPORT OF DEPLOYED ENGINEERS. USED TO ESTABLISH, OPERATE, AND SUSTAIN
	CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, NATURAL DISASTER
	RECOVERY AND JOINT BASE SUPPORT. SET DESIGNED TO SUPPORT 1100 PERSON BEDDOWN OPERATIONS
	ENGINEER FORCE EQUIPMENT SET TO SUPPORT TWO 4FPET UTCS. SUPPORTS MISSIONS (INCLUDING
4F9ET	RECOVERY) 10 ESTABLISH, OPERATE, AND SUSTAIN CONTINGENCY OPERATING LOCATIONS, AERIAL
	PORTS, ENROUTE BASES, NATURAL DISASTER RECOVERY OPERATIONS AND JOINTBASE SUPPORT.
	I'ROVIDES EQUIPMENT FOR INTITAL BEDDOWN OF BARE BASE AND/OR FORWARD OPERATING DEOMISES DEEL OVED EIDERICHTEDS WITH ESSENTIAL MSA MZ DESDONDED ELE CONTADIED DEE ATUMIC
	TROVIDES DELEGTED FIREFUGTIERS WITH ESSENTIAL WAA WITRESFUNDER SELF CONTAINED BREATHING ADDAD ATTIC (SCOA), AID CVI INDERS, AND EACEDIECES DOOVIDING CADADII ITV TO STIDDODT DAMENIATE
4F9FB	ALLARATOS (SCEA), AIR CILINDERS, AND LACELIEZES FROM DING CAPADILIT I TO SUFFOR LIMITEDIATE DANGED TO LIEE AND HEALTH (IDI H) EMEDGENCY DESDONSE ODED ATIONS IN SUDDODT OF DECIONAL
	CONSTRUCTS MCO AND NATURAL DISASTEDED LE DECODES CON ADDRESS IN SUPPORT OF REGIONAL
1	ICONTEICTS, MCO AND NATUKAL DISASTERNELIEF EFFURTS FUR ARFF AND UR STRUCTURAL

	PROVIDES DEPLOYED FIREFIGHTERS WITH ESSENTIAL COMMUNICATIONS TO PERFORM LIMITED
4F9FE	FIREFIGHTING OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, MCO OPERATIONS, AND NATURAL
	DISASTER RELIEF EFFORTS FOR BOTH CRASH AND/OR STRUCTURAL FIREFIGHTING OPERATIONS.
	PROVIDES DEPLOYED FIREFIGHTERS WITH ESSENTIAL BREATHING AIRRESERVICING CAPABILITY TO
4F9FF	SUPPORT LIMITED FIREFIGHTING OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, MCO OPERATIONS,
	ANDNATURAL DISASTER RELIEF EFFORTS FOR BOTH CRASH AND/OR STRUCTURAL FIREFIGHTING
	PROVIDES DEPLOYED FIREFIGHTERS WITH ESSENTIAL EQUIPMENT NEEDED TO PERFORM HAZMAT/WMD
	RESPONSE IN SUPPORT OF MCO OR EXPEDITIONARY OPERATIONS AT BARE BASES, FORWARD OPERATING
	LOCATIONS, AERIAL PORTS, EN ROUTE BASES, CRITICAL STATESIDE BASES, HUMANITARIAN RELIEF
4F9FH	OPERATIONS, AND TO PROTECT THE HOMELAND, DEPLOYED IN RESPONSE TO ACCIDENTS OR NATURAL
	DISASTERS REQUIRING MITIGATION OR CONTAINMENT OF HAZMAT RELEASES SUCH AS TOXIC
	INDUSTRIAL CHEMICALS/MATERIALS, LIMITED CAPABILITY EXISTS TO RESPOND TO NUCLEAR
	PROVIDES EQUIPMENT TO SUPPORT FIRE GROUND/HAZMAT INCIDENT C2 FOR ONE 4FPFJ UTC IN SUPPORT
45051	OF OPERATIONS AT A BARE BASE,CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR
4F9FJ	OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL
	STATESIDE BASES. EQUIPMENT TO SUPPORT 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT.
	PROVIDES DEPLOYED FIREFIGHTERS WITH ESSENTIAL FIREFIGHTING EQUIPMENT TO PERFORM LIMITED
4F9FX	FIREFIGHTING OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, MCO OPERATIONS, AND NATURAL
	DISASTER RELIEF EFFORTS FOR BOTH CRASH AND/OR STRUCTURAL FIREFIGHTING OPERATIONS.
	PROVIDES FIELD SURVEYING (SUB-CENTIMETER) GLOBAL POSITIONING SYSTEM EQUIP. MUST BE
4F9GP	COMBINED WITH 4F9EH OR 4F9RY UTCS TOBE FULLY MISSION CAPABLE. THIS EQUIP IS TASKED IN
	WARTIME OR CONTINGENCY OPS IN SUPPORT OF ENGINEER FORCES TO SUPPORT MISSIONS (INCLUDING
	VEHICLE/EQUIPMENT ONLY UTC FOR CONDUCTING CONCRETE OPERATIONS TO INCLUDE ROADS,
	TAXIWAYS, RUNWAYS, RAMPS, RAMP EXPANSIONS, AIRFIELD DAMAGE REPAIR AND OTHER CONCRETE
4F9HB	OPERATIONS. MUST BE COMBINED WITH RED HORSE UTCS HORIZONTAL CONSTRUCTION TEAM, LARGE
	OR SMALL (4F9RV/4FPRV OR 4F9RU/4FPRU UTCS) AND MEDIUM HORIZONTAL CONSTRUCTION EQUIPMENT
	(4F9HD UTC) AND/OR HEAVY HORIZONTAL CONSTRUCTION EQUIPMENT (4F9HE UTC). MAY BE TASKED
	VEHICLE/EQUIPMENT ONLY UTC USED FOR ASPHALT/CONCRETE MILLING OPERATIONS. MAY BE
4F0HC	COMBINED WITH RED HORSE UTCS HORIZONTALCONSTRUCTION TEAM, LARGE OR SMALL (4F9RV/4FPRV
41.911C	OR 4F9RU/4FPRU UTCS). REQUIRES HEAVY TRANSPORT UTC (4F9HF) FOR MOVEMENTOF MILLING
	MACHINE IF OTHER MEANS ARE NOT AVAILABLE. MAY BETASKED SEPARATELY TO ENHANCE
	VEHICLE/EQUIPMENT ONLY UTC FOR RED HORSE ENGINEER TASKS OF CONSTRUCTION, REPAIR,
	PERMANENT AIRFIELD DAMAGE REPAIR, AND TYPICAL EARTHWORK. EQUIPMENT INCLUDES TRACTOR-
4F9HD	TRAILERS, MOTOR GRADER, FRONT-END LOADER, BULLDOZER, FUEL TRUCK, DUMP TRUCKS, BACKHOE,
	AND SOIL COMPACTION MACHINERY. MUST BE COMBINEDWITH RED HORSE UTCS HORIZONTAL
	CONSTRUCTION TEAM, LARGE OR SMALL (4F9RV/4FPRV OR 4F9RU/4FPRU) TO PERFORM MISSION. MAY BE
	VEHICLE/EQUIPMENT ONLY UTC FOR RED HORSE ENGINEER TASKS OF LARGE SCALE CONSTRUCTION,
	HEAVY REPAIR, PERMANENT AIRFIELD DAMAGE REPAIR, AIRFIELD EXPANSION (ASSAULT STRIPS),
4F9HE	BERMS/DIKES, AND HEAVY EARTHWORK. EQUIPMENT INCLUDES TRACTOR-TRAILERS, MOTOR GRADERS,
	EXCAVATOR, WATER TRUCK, FUEL TRUCK, SWEEPER, FRONT-END LOADERS, DUMP TRUCKS, AND SOIL
	STABILIZATION ANDCOMPACTION MACHINERY. MUST BE COMBINED WITH RED HORSE UTC HORIZONTAL
	VEHICLE AND EQUIPMENT ONLY UTC CAPABLE OF MOVING OVERSIZE CONSTRUCTION EQUIPMENT UP TO
4F9HF	65 TONS. MAY BE COMBINED WITH A4F9HG, OR ASPHALT/CONCRETE MILLING EQUIPMENT 4F9HC UTC.
	MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION CAPABILITY OFRED HORSE TEAMS
AFOLIC	VEHICLE AND EQUIPMENT ONLY UTC CAPABLE OF LARGE SCALE EARTHWORK (SCRAPERS). UTC MUST BE
4F9HG	TRANSPORTED VIA LAND/SEA, MUST BE COMBINED WITH RED HORSE UTCS HORZONTAL CONSTRUCTION
	TEAM, LARGE OR SMALL (4-PRU/4-PRU OR 4-PRV/4-PRV), MAY BE TASKEDSEPARATELY TO ENHANCE
	VEHICLE/EQUIPMENT ONLY OTC FOR DIRECTIONAL DRILLING UNDER EAISTING PAVEMENTS (ROADS,
4F9HH	AIRFIELDS) IU INSTALL UTILITIES SUCH AS WATER, SEE WER, ELECTRIC, DRAINAGE, AND
	COMMUNICATIONS LINES. MUST BE COMBINED WITH RED HORSE UTCA HORIZONTAL CONSTRUCTION
	TEAM, LARGE OR SMALL (4F9RU/4FPRU OR 4F9RV/4FPRV) OR VERTICAL CONSTRUCTION TEAM, LARGE EQUIDMENT ONLY UTC CADADLE OF EVELOSIVE DEMOLITION FOR CONSTRUCTION UPPOSES, QUADRY
4FOLU	EQUIPMENT UNLT UTC CAPABLE OF EXPLOSIVE DEMOLITION FOR CONSTRUCTION PURPOSES, QUARK I
4F9HJ	OPERATIONS, AND FACILITY DEMOLITION TO INCLUDE LIMITED BASE DENIAL. MUST BE COMBINED WITH DEMONSE LITCHORIZONTAL CONSTRUCTION TAMENTI AND AND A CONSTRUCTION TAMENTAL CONSTRUCTURAL CONSTRUCTION TAMENTAL CONSTRUCTURAL CONSTRUCTION TAMENTAL CONSTRUCTION TAMENTAL CONSTRUCTION TAMENTAL CONSTRUCTURAL CONSTRUCTION TAMENTAL CONSTRUCTURAL
	WITH KEDHUKSE UTU HUKIZUNTAL CUNSTRUCTION TEAM SMALL (4F9RU/4FPRU).MAY BE TASKED
	VERICLE/EQUIPMENT ONLY UTC THAT PROVIDES RED HORSE PERSONNEL THE ABILITY TO DRILL AND DIDE ODUND WATER SOURCES CONTREPODUCTION OF PORTABLE AND NON DOTABLE WATER THE
4F9HK	FIFE OROUND WATER SOURCES FOR THEFRODUCTION OF POTABLE AND NON-POTABLE WATER. HAS
	CAPABILITY TO CONDUCT WATER WELL REHABILITATION. CAPABLE OF DRILLING SHALLOW AND DEEP
	WELLS. MUST BE COMBINED WITH RED HORSE UTC HORIZONTAL CONSTRUCTION TEAM, SMALL

	VEHICLE/EQUIPMENT ONLY UTC CAPABLE OF MEDIUM LIFTING OPERATIONS (25 TON CRANE) AND
4E0111	HEAVY LIFTING OPERATIONS (45 TON CRANE). MAY BE COMBINED WITH RED HORSE UTCS HORIZONTAL
4F9HL	CONSTRUCTION TEAM, LARGE OR SMALL (4F9RU/4FPRU OR 4F9RV/4FPRV). MAY ALSO BE TASKED TO
	SUPPORT VERTICAL CONSTRUCTION TEAM, LARGE (4F9RT/4FPRT). MAY BE TASKED SEPARATELY TO
	VEHICLE/EQUIPMENT ONLY UTC CAPABLE OF LARGE VERTICAL CONSTRUCTION PROJECTS TO INCLUDE
	FACILITY CONSTRUCTION (PRE-ENGINEERED BUILDINGS, LARGE FRAMED FABRIC STRUCTURES),
4F9HM	EXPEDIENT CONCRETE BUILDINGS (TILE-UP CONCRETE, INSULATED CONCRETE FORMS), UTILITY
	SYSTEMS (ELECTRICAL, WATER, SEWER, DRAINAGE), HVAC, POWER PRODUCTION, AIRFIELD PAINT
	STRIPING, AND STRUCTURAL RENOVATION/REPAIR. MAY NEED CRANE SUPPORT (4F9HL) FOR CERTAIN
	VEHICLE/EQUIPMENT ONLY UTC TO CONSTRUCT K-SPAN TYPE FACILITIES FOR USE AS COVERED
TOTAL	STORAGE, AIRCKAFT PARKING SHELLERS, SUNSHADES, OR TOTALLY ENCLOSED FACILITIES. INTITAL
4F9HN	MATERIALS ALLOW FOR CONSTRUCTION OF A SINGLE FACILITY 50 X 100 USINGONE MIC 120 MACHINE.
	RE-SUPPLY IS REQUIRED FOR ADDITIONAL FACILITIES. MUST BE COMBINED WITH RED HORSE UTCS
	VERTICAL CONSTRUCTION TEAM, LARGE (4F9R1/4FPR1), VERTICAL CONSTRUCTION EQUIPMENT (4F9HM) VERTICAL CANADAMENT ONLY LITC USED TO SUBDOAT OVERHEAD ELECTRICAL DOWER DISTRIBUTION
4E0HD	VEHICLE/EQUIPMENT ONLY OTCOSED TO SOFTOKT OVERILEAD ELECTRICAL FOWER DISTRIBUTION SVETEMS AND TELEDIONE CADLE AND DOWEDING ALL ATION. MIST DE COMDINED WITH DED HODSE
41.911	STSTEMS AND TELEFITONE CABLE AND FOWERINGTALLATION, MUST BE COMBINED WITH RED HORSE LITCS VEDTICAL CONTRUCTION TEAM SMALL (REDS/REDS) MAY BE TASKED SEDADATELY TO ENHANCE
	VERTICALCONTROCTION TEAM, SMALL (# 3K3+11K3), MAT BE FASTED SET ARATEL TO EMIANCE
	STORAGE AIRCRAFT PARKING SHELTERS, SUNSHADES, OR TOTALLY, ENCLOSED FACILITIES, INITIAL
4F9HR	MATERIALS ALLOW FOR CONSTRUCTION OF A SINGLE FACILITY 80'X 120UISING ONE MIC 240 MACHINE
ii)iiit	RE-SUPPLY IS REQUIRED FOR ADDITIONAL FACILITIES MUST BE COMBINED WITH RED HORSE LITCS
	VERTICAL CONSTRUCTION TEAM LARGE (AP9RT/AFPRT) VERTICAL CONSTRUCTION FOULPMENT (AP9HM)
	VEHICLE/EQUIPMENT ONLY UTC FOR CONDUCTING ASPHALT PAVING OPERATIONS TO INCLUDE ROADS,
	TAXIWAYS, RUNWAYS, OVERLAYS, AIRFIELD DAMAGE REPAIR, AND ASPHALT OPERATIONS. MAJOR
4F9HT	EQUIPMENT ITEMS ARE THE ASPHALT PAVER AND ROLLERS. MUST BE COMBINED WITH RED HORSE UTCS
	HORIZONTAL CONSTRUCTION TEAM, LARGE OR SMALL (4F9RV/4FPRV OR 4F9RU/4FPRU) AND MEDIUM
	HORIZONTAL CONSTRUCTION EQUIPMENT (4F9HD) AND/OR HEAVY HORIZONTAL CONSTRUCTION
	EQUIPMENT ONLY UTC PROVIDES RED HORSE THE ABILITY TO PRODUCE ASPHALT AT LOCATIONS
4F9HU	WHERE COMMERCIALLY PRODUCED ASPHALT IS NOT AVAILABLE. MUST BE PAIRED WITH 4FPRU/4F9HD
41 7110	AND 4F9HT UTCS. FOR 24 HOUR OERATIONS UTILIZE (2) X 4FPRU UTCS. CAN PRODUCE 200 TONS OF
	ASPHALT PER HOUR. AN BE TASKED SEPARATELYTO ENHANCE CONSTRUCTION CAPABILITY OF RED
	VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PRODUCE
4F9HV	CONCRETE AT LOCATIONS WHERE NOT COMMERCIALLY PRODUCED OR AVAILABLE. ABLE TO PRODUCE
	40 YARDS OF CONCRETE PER HOUR. MUST BE PAIRED WITH 4FPRU/4F9HD/4F9HE/4F9HX.FOR 24 HOUR
	IOPERATIONS MUST BE PAIRED WITH (2) X 4EPRU - MAY BE TASKED SEPARATELY TO ENHANCE
	VEHICLES AND SPECIALIZED FOURMENT ONLY LITC PROVIDES DED HORSE FORCES THE ADDLITY TO
	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT OLIARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBPASE SUBPACE ASPHALT AND
4F9HW	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE MUST BE PAIRED WITH (FEPIL) (FEPIL) (FEPIL) (FEPIL)
4F9HW	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGPEGATE MATERIALS. MAY BE TASKED
4F9HW	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EOUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY
4F9HW	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND
4F9HW 4F9HX	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE, FOR 24 HOUR
4F9HW 4F9HX	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE. FOR 24 HOUR OPERATIONS UTILIZE (2) 4FPRV UTCS, MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION
4F9HW 4F9HX	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE. FOR 24 HOUR OPERATIONS UTILIZE (2) 4FPRV UTCS. MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION EQUIPMENT ONLY UTC - PROVIDES BASIC SHELTER, SANITATION ANDSUPPORT FOR 100 SOF PERSONNEL.
4F9HW 4F9HX	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE. FOR 24 HOUR OPERATIONS UTILIZE (2) 4FPRV UTCS. MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION EQUIPMENT ONLY UTC - PROVIDES BASIC SHELTER, SANITATION ANDSUPPORT FOR 100 SOF PERSONNEL. AIR RAPID RESPONSE KIT (ARRK) PROVIDES FOUR REST AND RELIEF SHELTERS, ONE SHOWER TENT AND
4F9HW 4F9HX 4F9J1	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE. FOR 24 HOUR OPERATIONS UTILIZE (2) 4FPRV UTCS. MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION EQUIPMENT ONLY UTC - PROVIDES BASIC SHELTER, SANITATION ANDSUPPORT FOR 100 SOF PERSONNEL. AIR RAPID RESPONSE KIT (ARRK) PROVIDES FOUR REST AND RELIEF SHELTERS, ONE SHOWER TENT AND RUDIMENTARY LATRINE. ADDITIONAL TENT INCLUDED - STORAGE ORSMALL C2 AREA. ASSETS CAN
4F9HW 4F9HX 4F9J1	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE. FOR 24 HOUR OPERATIONS UTILIZE (2) 4FPRV UTCS. MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION EQUIPMENT ONLY UTC - PROVIDES BASIC SHELTER, SANITATION ANDSUPPORT FOR 100 SOF PERSONNEL. AIR RAPID RESPONSE KIT (ARRK) PROVIDES FOUR REST AND RELIEF SHELTERS, ONE SHOWER TENT AND RUDIMENTARY LATRINE. ADDITIONAL TENT INCLUDED - STORAGE ORSMALL C2 AREA. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BARE BASE, FORWARD OPERATING BASE). UTC CAN OPERATE
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4F9HW 4F9HX 4F9J1 4F9J2 4F9J3	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE. FOR 24 HOUR OPERATIONS UTILIZE (2) 4FPRV UTCS. MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION EQUIPMENT ONLY UTC - PROVIDES BASIC SHELTER, SANITATION ANDSUPPORT FOR 100 SOF PERSONNEL. AIR RAPID RESPONSE KIT (ARRK) PROVIDES FOUR REST AND RELIEF SHELTERS, ONE SHOWER TENT AND RUDIMENTARY LATRINE. ADDITIONAL TENT INCLUDED - STORAGE ORSMALL C2 AREA. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BARE BASE, FORWARD OPERATING BASE). UTC CAN OPERATE INDEPENDENTLY FOR UP TO 30 DAYS. UTC REQUIRES MANPOWER AUGMENTATION FROM UTC 4FP11 FOR EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH MODULAR/SCALABLE C2 EXPEDITIONARY OPERATIONSSHELTERS/FACILITIES FOR AFSOC UNITS. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BARE BASE). CAN OPERATE INDEPENDENTLY FOR UP TO 30 DAYS. CAPABLE OF PROVIDING SHELTERED WORKSPACE, AUDIO/VISUAL PROJECTION, TABLES/CHAIRS, FLOORING AND ELECTRICAL POWER. REQUIRES MANPOWER AUGMENTATION FROM UTC 4FP11 FOR SET- EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH 8 X ENVIRONMENTAL CONTROL UNITS (ECU) FOR CLIMATE CONTROLLED COOLING AND HEATING CAPABLE OF PROVIDING SHELTERE MANPOWER AUGMENTATION FROM UTC 4FP11 FOR SET- EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH 8 X ENVIRONMENTAL CONTROL UNITS (ECU) FOR CLIMATE CONTROLLED COOLING AND HEATING CAPABILITY IN CLIMATES WITH SUSTAINED TEMPERATURES BETWEEN 35 AND 125 DEGREES FAHRENHEIT. EACH ECU PROVIDES 72K BTU'S OF COOLING OR
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4F9HW 4F9HX 4F9J1 4F9J2 4F9J3 4F9J4	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE. FOR 24 HOUR OPERATIONS UTILIZE (2) 4FPRV UTCS. MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION EQUIPMENT ONLY UTC - PROVIDES BASIC SHELTER, SANITATION AND SUPPORT FOR 100 SOF PERSONNEL. AIR RAPID RESPONSE KIT (ARRK) PROVIDES SOUR REST AND RELIEF SHELTERS, ONE SHOWER TENT AND RUDIMENTARY LATRINE. ADDITIONAL TENT INCLUDED - STORAGE ORSMALL C2 AREA. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BARE BASE, FORWARD OPERATING BASE). UTC CAN OPERATE INDEPENDENTLY FOR UP TO 30 DAYS. UTC REQUIRES MANPOWER AUGMENTATION FROM UTC 4FPJ1 FOR EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH MODULAR/SCALABLE C2 EXPEDITIONARY OPERATIONSHELTERS/FACILITIES FOR AFSOC UNITS. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BA, FOB). CAN OPERATE INDEPENDENTLY FOR UP TO 30 DAYS. CAPABLE OF PROVIDING SHELTERED WORKSPACE, AUDIO/VISUAL PROJECTION, TABLES/CHAIRS, FLOORING AND ELECTRICAL POWER. REQUIRES MANPOWER AUGMENTATION FROM UTC 4FPJ1 FOR SET- EQUIPMENT ONLY UCC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH 8 X ENVIRONMENTAL CONTROL UNITS (ECU) FOR CLIMATE CONTROLLED COOLING AND HEATING CAPABLE OF PROVIDING SHELTERED WORKSPACE, AUDIO/VISUAL PROJECTION, TABLES/CHAIRS, FLOORING AND ELECTRICAL POWER. REQUIRES MANPOWER AUGMENTATION FROM UTC 4FPJ1 FOR SET- EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH 8 X ENVIRONMENTAL CONTROL UNITS (ECU) FOR CLIMATE CONTROLLED COOLING AND HEATING CAPABLE OF PROVIDES 72K BTU'S OF COOLING
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4F9HW 4F9HX 4F9J1 4F9J2 4F9J3 4F9J4	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE, FOR 24 HOUR OPERATIONS UTILIZE (2) 4FPRV UTCS. MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION EQUIPMENT ONLY UTC - PROVIDES BASIC SHELTER, SANITATION ANDSUPPORT FOR 100 SOF PERSONNEL. AIR RAPID RESPONSE KIT (ARRK) PROVIDES FOUR REST AND RELIEF SHELTERS, ONE SHOWER TENT AND RUDIMENTARY LATRINE. ADDITIONAL TENT INCLUDED - STORAGE ORSMALL C2 AREA. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BARE BASE, FORWARD OPERATING BASE). UTC CAN OPERATE INDEPENDENTLY FOR UP TO 30 DAYS. UTC REQUIRES MANPOWER AUGMENTATION FROM UTC 4FP11 FOR EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH MODULARS/CALABLE C2 EXPEDITIONARY OPERATIONSSHEL TERS/FACILITIES FOR AFSOC UNITS. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BB, FOB). CAN OPERATE INDEPENDENTLY FOR UP TO 30 DAYS. CAPABLE OF PROVIDING SHELTERED WORKSPACE, AUDIO/VISUAL PROJECTION, TABLES/CHAIRS, FLOORING AND ELECTRICAL POWER. REQUIRES MANPOWER AUGMENTATION FROM UTC 4FP11 FOR SET- EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH 8 X ENVIRONMENTAL CONTROL UNITS (ECU) FOR CLIMATE CONTROLLED COOLING AND HEATING CAPABLITY IN CLIMATES WITH SUSTAINED TEMPERATURES BETWEEN 35 AND 125 DEGREES FAHRENHEIT. EACH ECU PROVIDES 72K BTU'S OF COOLING OR 10KW OF HEATING AND CAN MAINTAIN THE TEMPERATURE IN ONE SMALL SHELTER (640 SQUARE FEET), FOR SUSTAINED TEMPERATURES BELOW EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH 8 X ENVIRONMENTAL CONTROL UNITS (ECU
4F9HW 4F9HX 4F9J1 4F9J2 4F9J3 4F9J4 4F9J5	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE, FOR 24 HOUR OPERATIONS UTILIZE (2) 4FPRV UTCS. MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION EQUIPMENT ONLY UTC - PROVIDES BASIC SHELTER, SANITATION ANDSUPPORT FOR 100 SOF PERSONNEL. AIR RAPID RESPONSE KIT (ARRK) PROVIDES FOUR REST AND RELIEF SHELTERS, ONE SHOWER TENT AND RUDIMENTARY LATRINE. ADDITIONAL TENT INCLUDED - STORAGE ORSMALL C2 AREA. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BARE BASE, FORWARD OPERATING BASE). UTC CAN OPERATE INDEPENDENTIONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH MODULAR/SCALABLE C2 EXPEDITIONARY OPERATIONSSHELTERS/FACILITIES FOR AFSOC UNITS. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BB, FOB). CAN OPERATE INDEPENDENTLY FOR UP TO 30 DAYS. CAPABLE OF PROVIDING SHELTERED WORKSPACE, AUDIO/VISUAL PROJECTION, TABLES/CHAIRS, FLOORING AND ELECTRICAL POWER. REQUIRES MANPOWER AUGMENTATION FROM UTC 4FP11 FOR SET- EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH SX ENVIRONMENTAL CONTROL UNITS (ECU) FOR CLIMATE CONTROLLER S/FACILITIES FOR AFSOC UNITS. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BB, FOB). CAN OPERATE INDEPENDENTLY FOR UPT 03 DAYS. CAPABLE OF PROVIDING SHELTERE MANPOWER AUGMENTATION FROM UTC 4FP11 FOR SET- EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH 8 X ENVIRONMENTAL CONTROL UNITS (ECU) FOR CLIMATE CONTROLLER OLOLING AND HEATING CAPABLI.ITY IN CLIMATES WITH SUSTAINED TEMPERATURES BETWEEN 35 AND 125 DEGREES FAHRENHEIT. EACH ECU PROVIDES 72K
4F9HW 4F9HX 4F9J1 4F9J2 4F9J3 4F9J4 4F9J5	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE. FOR 24 HOUR OPERATIONS UTILIZE (2) 4FPRV UTCS. MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION EQUIPMENT ONLY UTC - PROVIDES BASIC SHELTER, SANITATION ANDSUPPORT FOR 100 SOF PERSONNEL. AIR RAPID RESPONSE KIT (ARRK) PROVIDES FOUR REST AND RELIEF SHELTERS, ONE SHOWER TENT AND RUDIMENTARY LATRINE. ADDITIONAL TENT INCLUDED - STORAGE ORSMALL C2 AREA. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BARE BASE, FORWARD OPERATING BASE). UTC CAN OPERATE INDEPENDENTLY FOR UP TO 30 DAYS. UTC REQUIRES MANPOWER AUGMENTATION FROM UTC 4FP11 FOR EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH MODULAR/SCALABLE C2 EXPEDITIONARY OPERATIONSHELTERS/FACILITIES FOR AFSOC UNITS. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BB, F0B). CAN OPERATE INDEPENDENTLY FOR UP TO 30 DAYS. CAPABLE OF PROVIDING SHELTERED WORKSPACE, AUDIO/VISUAL PROJECTION, TABLES/CHAIRS, FLOORING AND ELECTRICAL POWER, REQUIRES MANPOWER AUGMENTATION FROM UTC 4FP11 FOR EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH 8 X ENVIRONMENTAL CONTROL UNITS (ECU) FOR CLIMATE CONTROLLED COOLING AND HEATING CAPABLI OF PROVIDING SHELTERED WORKSPACE, AUDIO/VISUAL PROJECTION, TABLES/CHAIRS, FLOORING AND ELECTRICAL POWER, REQUIRES MANPOWER AUGMENTATION FROM UTC 4FP11 FOR SET- EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH 8 X ENVIRONMENTAL CONTROL UNITS (ECU) FOR CLIMATE CONTROLLED COOLING AND HEATING CAPABLILTY IN CLIMATES WITH SUSTAINED TEMPERATU
4F9HW 4F9HX 4F9J1 4F9J2 4F9J3 4F9J4 4F9J5	VEHICLES AND SPECIALIZED EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO CONDUCT QUARRY OPERATIONS TO PRODUCE MATERIALS FOR SUBBASE, SUBGRADE, ASPHALT, AND CONCRETE. MUST BE PAIRED WITH 4FPRU, 4F9HD, 4F9HE. INCLUDES LIMITED ORGANIC EXPLOSIVE DEMOLITION CAPABILITY TO EXTRACT INDIGENOUSAGGREGATE MATERIALS. MAY BE TASKED VEHICLE AND EQUIPMENT ONLY UTC PROVIDES RED HORSE FORCES THE ABILITY TO PLACE HEAVY CONCENTRATIONS OF CONCRETE TO MOST AIRDROME APPLICATIONS; RUNWAYS, TAXIWAYS AND PARKING APRON TYPE REQUIREMENTS. MUST BE PAIRED WITH 4FPRV, 4F9HD, 4F9HE, FOR 24 HOUR OPERATIONS UTILIZE (2) 4FPRV UTCS. MAY BE TASKED SEPARATELY TO ENHANCE CONSTRUCTION EQUIPMENT ONLY UTC - PROVIDES BASIC SHELTER, SANITATION ANDSUPPORT FOR 100 SOF PERSONNEL. AIR RAPID RESPONSE KIT (ARK) PROVIDES FOUR REST AND RELIEF SHELTERS, ONE SHOWER TENT AND RUDIMENT ONLY UTC - ONO ALSTER, BARE BASE, FORWARD OPERATING BASE). UTC CAN OPERATE INDEPENDENTLY FOR UP TO 30 DAYS. UTC REQUIRES MANPOWER AUGMENTATION FROM UTC 4FP11 FOR EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH MODULAR/SCALABLE C2 EXPEDITIONARY OPERATIONSSHELTERS/FACILITES FOR AFSOC UNITS. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BB, FOB). CAN OPERATIE INDEPENDENTLY FOR UP TO 30 DAYS. CAPABLE OF PROVIDING SHELTERED WORKSPACE, AUDIO/VISUAL PROJECTION, TABLES/CHAIRS, FLOORING AND ELECTRICAL POWER. REQUIRES MANPOWER AUGMENTATION FROM UTC 4FP11 FOR SET- EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH MODULAR/SCALABLE C2 EXPEDITIONARY OPERATIONSSHELTERS/FACILITIES FOR AFSOC UNITS. ASSETS CAN DEPLOY TO ANY LOCATION (AUSTERE, BB, FOB). CAN OPERATIE INDEPENDENTLY FOR UP TO 30 DAYS. CAPABLE OF PROVIDING SHELTERED WORKSPACE, AUDIO/VISUAL PROJECTION, TABLES/CHAIRS, FLOORING AND ELECTRICAL POWER. REQUIRES MANPOWER AUGMENTATION FROM UTC 4FP11 FOR SET- EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH S SETS CAN DEPLOY TO ONTROL UNITS (ECU) FOR CLIMATE CONTROLLED COOLLING AND LADDERS IN NDIVIDUAL HARDENDE CO

	EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH CAPABILITY TO
4F9J6	SECURE/TRANSPORT UP TO 80 EACHM-16/M-4/M-9 WEAPONS FOR AFSOC UNITS. CONTAINS TWO EACH
	INDIVIDUAL HARDENED CONTAINERS CONFIGURED FOR TRANSPORT AND STORAGE OF WEAPONS.
	EQUIPMENT ONLY UTC CONFIGURED FOR AIR SHIPMENT. PROVIDES AUSTERE BASE WITH CLIMATE
	CONTROLLED HEATING CAPABILITY FOR AFSOC UNITS. INCLUDES 8 HEATERS. SUPPLEMENTS UTC 4F9J3
4F9J7	ENVIRONMENTAL CONTROL UNIT (ECU) IN CLIMATES WITH SUSTAINED TEMPERATURES BELOW 35
	DEGREES FAHRENHEIT. EACH HEATER PROVIDES 130KW BTU'S FOR HEAT ONLY AND CAN MAINTAIN A
	TEMPERATURE RANGE OF 25 - 80 DEGREES FAHRENHEIT IN ONE SMALL SHELTER (640 SQUARE FEET).
	(AFSOC USE ONLY). EQUIPMENT & PERSONNEL UTC CONFIGURED FOR AIR SHIPMENT. HMMWV MOUNTED
	DECONTAMINATION SYSTEM (HMDS) THAT PROVIDES A TACTICAL PLATFORM FOR DECONTAMINATION
	OPS. SYSTEM INCORPORATES AN 80-FOOT HOSE, FRONT AND REAR MOUNTED TERRAIN DECON
	CAPABILITIES AND A ROOF MOUNTED TURRET FOR EQUIPMENT AND INFRASTRUCTURE DECON
4F9J8	OPERATIONS. SYSTEMS CAN BE OPERATED FROM INSIDE THE CAB WITH JOYSTICK AS WELL AS WIRELESS
	REMOTE CAPABILITIES OUTSIDE OF THE VEHICLE. THE SYSTEM DEPLOYS SANDIA (DECON) FOAM, DF200
	SOLUTION, 10% HIGH-TEST HYPOCHLORITE (HTH) AND 10% SUPER-TROPICAL BLEACH (STB) SOLUTION,
	INADDITION TO SEAWATER, SOAPY WATER AND FIRE FIGHTING FOAMS. PERSONNEL ARE SPECIFICALLY
	TRAINED TO OPERATE AS SUBJECT MATTER EXPERTS FOR THE HMDS AND IN DECON OPERATIONS IN
	FOR AFSOC USE ONLY. PROVIDES A CIVIL ENGINEER TEAM (12 PERSONNEL) AND AN INFOCULEUTIVE
	PROTECTION SMALL SHELTER SYSTEM(CPSSS) THAT WILL PROVIDE PROTECTION FOR APPROXIMATELY
	60 (120 HOT BUNK) PERSONNEL PER DAY FOR 30 DAYS. PROVIDES 12 PERSONNEL TO SETUP AND OPERATE
45010	CPSSS. TEAM MEMBERS ARE TRAINED IN SET-UP MAINTENANCE, OPERATION, AND RECONSTITUTION OF
45919	CPSSS AND CAN PROVIDE FLEXIBILITY IN PROVIDING LIMITED UBK DEFENSE CAPABILITIES. Cr555
	PROVIDES PERSONNEL WITH A TOXIC FREE REST AND RELIEF ENVIRONMENT. CAN PROVIDE A LIMITED
	COMMAND AND CONTROL (C2) WORK AREA WHEN COUPLED WITH COMMUNICATIONS EQUIPMENT OTCS.
	OPERATES IN A MAIN OPERATING UK CULLUCATED BASE (MUB/CUD) HIGH THREAT ENVIRONMENT AND
	ISMALLER SURGICAL I YPE MISSIONS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE ISPECIAL OPERATIONS FOD CRAFTSMAN TEAM REQUIRED IN SUPPORT OF WORLDWIDE COMBAT
	OPERATIONS AND EXERCISES OF AFSOC ASSETS AND PERSONNEL. AFSOC EOD GUNSHIP KIT PROVIDES
	FORCE PROTECTION AND GUNSHIP CLEARING TOOLS REOUIRED TO SUPPORT AFSOC ASSETS, AC-130'S
4F9JB	AND PERSONNEL. IN AUSTERE LOCATIONS. PROVIDES 24-HOUR SUPPORT TO RENDER SAFE AC-130
	WEAPONS SYSTEMS AND MUNITIONS INCIDENT AS WELL AS PROVIDE FORCE PROTECTION CAPABILITIES
	TO DETECT AND DEFEAT TERRORIST DEVICES INCIDENTS. CONTAINS SPECIALIZED EOD EQUIPMENT TO
	INCLUDE ROBOTICS, ALL TERRAIN VEHICLES AND EXPLOSIVES. PERSONNEL WILL DEPLOY WITH
	PROVIDES AM-2 LANDING MAT FOR THE INSTALLATION OF A STANDARD 216' X 198' AIRCRAFT PAD.
	PACKAGE CONSISTS OF 100 BUNDLES AM-2 LANDING MAT, (BUNDLE CONTAINS 4 EA 6' X 2' PANELS, 16 EA
	12' X 2' PANELS), 8 EA (BUNDLES) RAMP ASSY (ASSY CONTAINS 9 EA RAMP ENDS), 120 EDGE CLAMPS, 120
4F9K3	STAKES, 4 EA (F-62) AM-2 COMPONENT CHESTS AND 2 EA (F-61) AM-2 TOOL KITS. EACH 4F9K3 UTC WILL BE
	TASKED TO SUPPORT INSTALLATION OF STANDARD 216' X 198' (42,768 SF) PAD TO SUPPORT PARKING OR
	TAXIWAY EXPANSION OR REPAIR ON ASPHALT, CONCRETE OR STABILIZED GROUND. CAPABILITY CAN BE
ļ	EXTENDED TO ALL AIRCRAFT TYPES: UTC REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED
	IDDOVIDES EOI DEIX EIDEDCHASS MATTING (EEM) EOD AIDEIELIXIXAMAGE DEDAID (ADD) DATS ATE
	FROVIDES FOLDED FIDEROLASS MATTING (FFM) FOR AIRFIELD DAMAGE REFAIR (ADR), FACADE
4501/4	CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR
4F9K4	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO
4F9K4	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS.
4F9K4	CONSISTS OF THREE FIN SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED
4F9K4	CONSISTS OF THREE FIRM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE
4F9K4 4F9K5	CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND FMRE MORGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF
4F9K4 4F9K5	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT
4F9K4 4F9K5 4F9K6	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT IOINT SERVICE, OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS,
4F9K4 4F9K5 4F9K6	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF
4F9K4 4F9K5 4F9K6	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS
4F9K4 4F9K5 4F9K6	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE
4F9K4 4F9K5 4F9K6 4F9L1	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS WINSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT
4F9K4 4F9K5 4F9K6 4F9L1	CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES
4F9K4 4F9K5 4F9K6 4F9L1	CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHALTES, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES ONE 4FPEA (OR EQUIVALENT) TO SETUP, MAINTAIN, AND RECONSTITUTE. MAY BE SUPPORTED BY UTC
4F9K4 4F9K5 4F9K6 4F9L1	CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL AIRTIELD DAMAGE REFAIR (ADR), FACKAGE CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS WINSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES ONE 4FPEA (OR EQUIVALENT) TO SETUP, MAINTAIN, AND RECONSTITUTE. MAY BE SUPPORTED BY UTC PROVIDES SELF HELP LAUNDRY FACILITIES FOR 150 PERSONNEL IN SUPPORT OF BARE BASE OPERATIONS.
4F9K4 4F9K5 4F9K6 4F9L1 4F9L2	CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL AIRTIELD DAMAGE REFAIN (ADR), FACKAGE CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES ONE 4FPEA (OR EQUIVALENT) TO SETUP, MAINTAIN, AND RECONSTITUTE. MAY BE SUPPORTED BY UTC PROVIDES SELF HELP LAUNDRY FACILITIES FOR 150 PERSONNEL IN SUPPORT OF BARE BASE OPERATIONS. INCLUDES ONE SMALL SHELTER, 5 WASHERS, 10 DRYERS, & MRSP. PROVIDES CABLES/CONNECTORS FOR
4F9K4 4F9K5 4F9K6 4F9L1 4F9L2	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL AIRTIELD DAMAGE REFAIR (ADR), FACKAGE CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (NE MAY BE SUPPORTED BY UTC PROVIDES SELF HELP LAUNDRY FACILITIES FOR 150 PERSONNEL IN SUPPORT OF BARE BASE OPERATIONS. INCLUDES ONE SMALL SHELTER, 5 WASHERS, 10 DRYERS, & MRSP. PROVIDES CABLES/CONNECTORS FOR INTERFACE WITH BARE BASE GENERATORS OR COMMERCIAL (120/208VAC, 60 HZ, 3 PH), MUST BE
4F9K4 4F9K5 4F9K6 4F9L1 4F9L2	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL AHNT LUPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SUPPORT OF BARE BASE OPERATIONS. INCLUDES ONE SMALL SHELTER, 5 WASHERS, 10 DRYERS, & MRSP. PROVIDES CABLES/CONNECTORS FOR
4F9K4 4F9K5 4F9K6 4F9L1 4F9L2 4F9L3	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL AIRTICL DAMAGE REFAIN (ADR), FACKAGE CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES ONE 4FPEA (OR EQUIVALENT) TO SETUP, MAINTAIN, AND RECONSTITUTE. MAY BE SUPPORTED BY UTC PROVIDES ONE SMALL SHELTER,5 WASHERS, 10 DRYERS, & MRSP. PROVIDES CABLES/CONNECTORS FOR INTERFACE WITH BARE BASE GENERATORS OR COMMERCIAL (120/208VAC, 60 HZ, 3 PH). MUST BE PROVIDES TWO PALLETS CONTAINING FOUR SECONDARY DISTRIBUTIONCENTERS TO AUGMENT ELECTRICAL DISTRIBUTION FOR BEAR BASE INTHE EVENT THAT A 150 HOUSEKEEPING SET REMAINS IN ELACT UPONDECUTOR. OF DE BASENNEL IN SUPPORT OF EST MUET DE DEPLOYED DE MIN
4F9K4 4F9K5 4F9K6 4F9L1 4F9L2 4F9L3	CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL AIRTIED DAMADE REFAIN (ADR), FACKAGE CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES ONE 4FPEA (OR EQUIVALENT) TO SETUP, MAINTAIN, AND RECONSTITUTE. MAY BE SUPPORTED BY UTC PROVIDES SELF HELP LAUNDRY FACILITIES FOR 150 PERSONNEL IN SUPPORT OF BARE BASE OPERATIONS. INCLUDES ONE SMALL SHELTER,5 WASHERS, 10 DRYERS, & MRSP. PROVIDES CABLES/CONNECTORS FOR INTERFACE WITH BARE BASE GENERATORS OR COMMERCIAL (120/208VAC, 60 HZ, 3 PH), MUST BE PROVIDES TWO PALLETS CONTAINING FOUR SECONDARY DISTRIBUTIONCENTERS TO AUGMENT ELECTRICAL DISTRIBUTION FOR BEAR BASE INTHE EVENT THAT A 150 HOUSEKEEPING SET REMAINS IN PLACE UPONRECEIPT OF A 550 PERSONNEL INITIAL HOUSEKEEPING SET REMAINS IN PLACE UPONRECEIPT OF A 550 PERSONNEL INITIAL HOUSEKEEPING SET REMAINS IN PLACE UPONRECEIPT OF A 550 PERSONNEL INITIAL HOUSEKEEPING SET REMAINS IN PLACE UPONRECEIPT OF A
4F9K4 4F9K5 4F9K6 4F9L1 4F9L2 4F9L3	CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL AIRTICL DAMAGE REFAIN (ADR), FACKAGE CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES ONE 4FPEA (OR EQUIVALENT) TO SETUP, MAINTAIN, AND RECONSTITUTE. MAY BE SUPPORTED BY UTC PROVIDES SOLF HELP LAUNDRY FACILITIES FOR 150 PERSONNEL IN SUPPORT OF BARE BASE OPERATIONS. INCLUDES ONE SMALL SHELTER,5 WASHERS, 10 DRYERS, & MRSP. PROVIDES CABLES/CONNECTORS FOR INTERFACE WITH BARE BASE GENERATORS OR COMMERCIAL (120/208VAC, 60 HZ, 3 PH). MUST BE PROVIDES TWO PALLETS CONTAINING FOUR SECONDARY DISTRIBUTION CENTERS TO AUGMENT ELECTRICAL DISTRIBUTION FOR BEAR BASE INTHE EVENT THAT A 150 HOUSEKEEPING SET REMAINS IN PLACE UPONRECEIPT OF A 550 PERSONNEL INTITAL HOUSEKEEPING (5501) SET.MUST BE DEPLOYED IN PROVIDES ONE (1 EA) REVERSE OSMOSIS WATER PURIFICATION UNIT(ROWPU) SYSTEM WEQUIPMENT AND MRED TO PROVIDE. WATERP DUBILICATION (PREVALUATION TOR DEPLOYE
4F9K4 4F9K5 4F9K6 4F9L1 4F9L2 4F9L2 4F9L3	CONSISTS OF THREE FFM SETS (54' X 60), ONE FFM SUPPORT TOOL AIRT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATINGS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS WINSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES ONE 4FPEA (OR EQUIVALENT) TO SETUP, MAINTAIN, AND RECONSTITUTE. MAY BE SUPPORTED BY UTC PROVIDES SELF HELP LAUNDRY FACILITIES FOR 150 PERSONNEL IN SUPPORT OF BARE BASE OPERATIONS. INCLUDES ONE SMALL SHELTER, 5 WASHERS, 10 DRYERS, & MRSP. PROVIDES CABLES/CONNECTORS FOR INTERFACE WITH BARE BASE GENERATORS OR COMMERCIAL (120/208VAC, 60 HZ, 3 PH). MUST BE PROVIDES TWO PALLETS CONTAINING FOUR SECONDARY DISTRIBUTIONCENTERS TO AUGMENT ELECTRICAL DISTRIBUTION FOR BEAR BASE INTHE EVENT THAT A 150 HOUSEKEEPING SET REMAINS IN PLACE UPONRECEIPT OF A 550 PERSONNEL INITIAL HOUSEKEEPING (550I) SET.MUST BE DEPLOYED IN PROVIDES ONE (1 EA) REVERSE OSMOSIS WATER PURIFICATION UNIT(ROWPU) SYSTEM WEQUIPMENT AND MRSP TO PROVIDE WATER PURIFICATION, THE OWDUL CAPACITY IS SIGNIFICANTY REDUCED FOR
4F9K4 4F9K5 4F9K6 4F9L1 4F9L2 4F9L3 4F9L4	CONSISTS OF THREE FFM SETS (54'X 160') ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. <u>REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED</u> PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. <u>REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF</u> PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATION [LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES ONE 4FPEA (OR EQUIVALENT) TO SETUP, MAINTAIN, AND RECONSTITUTE. MAY BE SUPPORTED BY UTC PROVIDES SELF HELP LAUNDRY FACILITIES FOR 150 PERSONNEL IN SUPPORT OF BARE BASE OPERATIONS. INCLUDES ONE SMALL SHELTER, 5 WASHERS, 10 DRYERS, & MRSP. PROVIDES CABLES/CONNECTORS FOR INTERFACE WITH BARE BASE GENERATORS OR COMMERCIAL (120/208VAC, 60 HZ, 3 PH). MUST BE PROVIDES SELF HELP LAUNDRY FACILITIES FOR SECONDARY DISTRIBUTIONCENTERS TO AUGMENT ELECTRICAL DISTRIBUTION FOR BEAR BASE INTHE EVENT THAT A 150 HOUSEKEEPING SET REMAINS IN PLACE UPONRECEIFT OF A 550 PERSONNEL INITIAL HOUSEKEEPING (550)) SET.MUST BE DEPLOYED IN PROVIDES TWO PALLETS CONTAINING FOUR SECONDARY DISTRIBUTIONCENTERS TO AUGMENT AND MRSP TO PROVIDE WATER PURIFICATION /DESALINATION PROCESSING AT 600 GALLONS PER HOUR (GPH) IN SUPPORT OF BARE BASE OPERATIONS. THE ROWPU CAPACITY IS SIGNIFIC
4F9K4 4F9K5 4F9K6 4F9L1 4F9L2 4F9L3 4F9L4	CONSISTS OF THREE FFM SETS (54' X 60'), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. <u>REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED</u> PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. <u>REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF</u> PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES ONE 4FPEA (OR EQUIVALENT) TO SETUP, MAINTAIN, AND RECONSTITUTE. MAY BE SUPPORTED BY UTC PROVIDES SELF HELP LAUNDRY FACILITIES FOR 150 PERSONNEL IN SUPPORT OF BARE BASE OPERATIONS. INCLUDES ONE SMALL SHELTER,5 WASHERS, 10 DRYERS, & MRSP. PROVIDES CABLES/CONNECTORS FOR INTERFACE WITH BARE BASE GENERATORS OR COMMERCIAL (120/208VAC, 60 HZ, 3 PH). MUST BE PROVIDES TWO PALLETS CONTAINING FOUR SECONDARY DISTRIBUTIONCENTERS TO AUGMENT ELECTRICAL DISTRIBUTION FOR BEAR BASE INTHE EVENT THAT A 150 HOUSEKEEPING SET REMAINS IN PLACE UPONRECEIPT OF A 550 PERSONNEL INITIAL HOUSEKEEPING (550I) SET.MUST BE DEPLOYED IN PROVIDES ONE (1 EA) REVERSE OSMOSIS WATER PURIFICATION UNIT (ROWPU) SYSTEM W/EQUIPMENT AND MRSP TO PROVIDE WATER PURIFICATION, DESALINATION PROCESSING AT 600 GALLONS PER HOUR (GPH) IN SUPPORT OF BARE BASE OPERATIONS. THE ROWPU CAPACITY IS SIGNI
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4F9K4 4F9K5 4F9K6 4F9L1 4F9L2 4F9L3 4F9L4 4F9L5	 PROVIDES TO FIBERE FFM SETS (54° X 60), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION, BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR OPELOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES ONE 4FPEA (OR EQUIVALENT) TO SETUP, MAINTAIN, AND RECONSTITUTE. MAY BE SUPPORTED BY UTC PROVIDES SELF HELP LAUNDRY FACILITIES FOR 150 PERSONNEL IN SUPPORT OF BARE BASE OPERATIONS. INTERFACE WITH BARE BASE GENERATORS OR COMMERCIAL (120/208VAC, 60 HZ, 3 PH), MUST BE PROVIDES TWO PALLETS CONTAINING FOUR SECONDARY DISTRIBUTION CENTERS TO AUGMENT ELECTRICAL DISTRIBUTION FOR BEAR BASE INTHE EVENT THAT A 150 HOUSEKEEPING SET REMAINS IN PLACE UPONRECEIPT OF A 550 PERSONNEL INTIAL HOUSEKEEPING (550I) SET.MUST BE DEPLOYED IN PROVIDES ONE (1 EA) REVERSE OSMOSIS WATER PURIFICATION UNIT(ROWPU) SYSTEM W/EQUIPMENT AND MRSP TO PROVIDE WATER POLIFICATION /DESALINATION PROC
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4F9K4 4F9K5 4F9K6 4F9L1 4F9L2 4F9L3 4F9L3 4F9L4 4F9L5 4F9L6	 CONSISTS OF THREE FFM SETS (54'X 60), ONE FFM SUPPORT TOOL KIT, UPPER BUSHINGS, ANCHOR BUSHINGS, ANCHOR BOLTS, AND TWO EA MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT ADR FOR ASPHALT OR CONCRETE. THIS UTC WILL SUPPORT REPAIRS UP TO THREE CRATERS. REQUIRES PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION, BASED PROVIDES DEPLOYED PRIME BEEF ENGINEER AND FIRE AND EMERGENCY SERVICES FORCE EXPEDITIONARY NIGHT VISION GOGGLES TO SUPPORT MISSIONS (INCLUDING RECOVERY) AT CONTINGENCY OPERATING LOCATIONS. REQUIRED FOR NIGHT TIME OPERATIONS IN SUPPORT OF PROVIDES INITIAL TACTICAL COMMUNICATIONS CAPABILITY FOR DEPLOYED PRIME BEEF TO SUPPORT JOINT SERVICE OPERATIONS IN SUPPORT OF REGIONAL CONFLICTS, HOMELAND OPERATIONS, PROVIDES BASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS PROVIDES SASIC SHELTER FOR 150 PEOPLE AT A FORWARD OPERATING LOCATION (FOL) IN SUPPORT OF BASE OPERATIONS. SUPPORT INCLUDES BILLETING (12 PERSONS PER SHELTER, COTS W/INSECT BARS AND ENVIRONMENTAL CONTROL), FIELD LAVATORY SYSTEM, SHOWER SHAVE SYSTEM, LOW VOLTAGE ELECTRICAL GENERATION AND DISTRIBUTION SYSTEM (MEP-806), A-PANEL, LIMITED ENCAMPMENT LIGHTING (TF-2 LIGHTCARTS), AND WATER DISTRIBUTION SYSTEM. ONE 10K FORKLIFT. THIS REQUIRES ONE 4FPEA (OR EQUIVALENT) TO SETUP, MAINTAIN, AND RECONSTITUTE. MAY BE SUPPORTED BY UTC PROVIDES SELF HELP LAUNDRY FACILITIES FOR 150 PERSONNEL IN SUPPORT OF BARE BASE OPERATIONS. INCLUDES ONE SMALL SHELTER, 5 WASHERS, 10 DRYERS, & MRSP. PROVIDES CABLES/CONNECTORS FOR INTERFACE WITH BARE BASE GENERATORS OR COMMERCIAL (120/208VAC, 60 HZ, 3 PH). MUST BE PROVIDES ONE (I EA) REVERSE OSMOSIS WATER PURIFICATION

	SPECIALIZED ROBOTIC EQUIPMENT ONLY EOD UTC THAT CAN BE DELIVERED VIA AIR LAND, AIR INSERT
4E0DD	AND AIR DROP. PROVIDES SPECIALIZED ROBOTIC EQUIPMENT REQUIRED IN SUPPORT OF RAPID
4 Г 9 К D	CLEARANCE OF UXOS FROM CRITICAL AIRFIELD SURFACES DURING AIRFIELD OPENING OPERATIONS AT
	CAPTURED OR AUSTERE AIRBASES. UTC IS LINKED WITH 4F9RJ AND 4FPRC UTC TO SUPPORT
	AIRBORNE/AIR ASSAULT EOD QUICK RESPONSE FORCE THAT CAN BE DELIVERED VIA AIR LAND, AIR
	INSERT AND AIR DROP INTO MODERATETHREAT BARE BASE OR FORWARD OPERATING LOCATIONS.
	PROVIDES EXPEDIENT AIRFIELD ASSESSMENT AND CLEARANCE OF UXO'S REQUIRED TO RAPIDLY
4F9RC	ESTABLISH INITIAL AIRFIELD OPERATIONS AT CAPTURED OR AUSTERE AIRBASES. CAPABLE OF LIMITED
	COUNTER-IED AND FORCE PROTECTION OPERATIONS. TEAM CAN PROVIDE AN INITIAL OPERATIONAL
	EOD CAPABILITY FOR A MAXIMUM OF 14 DAYS BEFORE FOLLOW-ON EOD UTC'S (4F9XX SERIES)
	REQUIRED. PERSONNEL ARE SELF-SUSTAINABLE FOR 72 HOURS. PERSONNEL WILL DEPLOY WITH
	<u>IPPE, WEAPONS AND AMMUNITION. THIS UTC IS LINKED WITH UTC 459RA AND 459RB TO SUPPORT</u>
	AIR DRUFABLE OR AIR INSERTABLE REFIRE EQUIPMENT OTO TO SUFFORT FERSONNEL IN A 4FFRE UTC. DROVIDES EQUIDMENT TO SUBDODTA HOLD STATEENIC EOD A SUNCE E ADCO A ET DESCLIE EIDE
	FROM THE SEQUEMENT TO SUPPORT 24-HOUR STAFFING FOR A SUNGLE AIRCRAFT RESCUE FIRE
	FORTH METER A RECEIPTION IN MODELATE TO EVOLUTION THREAT DE ONTOE. THE VIDE AT THE EVOLUTION IN METER AND EDGE STIDDERSTON CADADITY TO STIDDERT SINCE E SANT ED AMERI
	FOR EIMITED AIRCREW RESCUE AND THE SUTTRESSION CALADITY TO SUTTOR STRUE SWALL-TRAMED,
41'9KD	TAED WINGOR ROTART AIRCRAFT. TROVIDES EQUITION FOR EATEDIEAT ON-SITE AIRTEED
	ASSESSMENT REQUIRED TO KALIDET ESTADEST INTITALARI LED OF ERAM CADABLE OF SELES SUBTAINED
	NEWOTE AND BASES. SUFFORTS KALLET DELEOTABLE TERSONNEL TEAM CALABLE OF SELF-SUSTAINED
	INITIAL OPERATIONAL FIRE CAPARILITY FOR A MAXIMUM OF 14 DAYS REFORE FOLLOW-ON FIRE
	AIRBONE/AIR ASSAULT THAT PROVIDES LIMITED 24 HOUR STAFFINGFOR SINGLE AIRCRAFT RESCUE
	FIRE FIGHTING (ARFF) VEHICLE OPSIN MODERATE THREAT AT BB OR FOL. PROVIDES LIMITED AIRCREW
	AND FIRE SUPPRESSION CAPABILITY TO SUPPORT A SINGLE SMALL-FRAME FIXED WING OR ROTARY
(FODE	AIRCRAFT. PROVIDES EXPEDIENT ON-SITE AIRFIELD ASSESSMENT TO RAPIDLY ESTABLISH INITIAL
4F9RE	AIRFIELDOPS AT CAPTURED OR REMOTE BASES. RAPIDLY DEPLOYABLE TEAM CAPABLE OF SELF-
	SUSTAINED OPS FOR 72 HOURS. TEAM CAN PROVIDEINITIAL OPS FIRE CAPABILITY FOR A MAXIMUM OF
	14 DAYS BEFOREFOLLOW-ON FIRE UTC'S 4F9FP SERIES ARE REQUIRED. PERSONNEL AND EQUIP CAN BE
	DELIVERED VIA AIRDROP OR AIR INSERTION DELIVERY METHODS. FIREFIGHTERS WILL DEPLOY WITH
	AIRBORNE/AIR ASSAULT CBRN QUICK RESPONSE EQUIPMENT PACKAGE THAT CAN BE DELIVERED VIA
	AIR LAND, AIR INSERT AND AIR DROP,PROVIDES LIMITED COUNTER-CBRN WARFARE AGENT AND TOXIC
	INDUSTRIAL CHEMICAL/TOXIC INDUSTRIAL MATERIAL (TIC/TIM) SITE ASSESSMENT, DETECTION, AND
4F9RF	IDENTIFICATION CAPABILITY. PROVIDES CAPABILITY TO CONSTRUCT RECON, DECON, AND C2
	OPERATIONS IN A CBRN/TIM ENVIRONMENT. EQUIPMENT PACKAGE PROVIDES AN INITIAL OPERATIONAL
	CBRN/TIC/TIM CAPABILITY FOR A MAXIMUM OF 14 DAYSBEFORE FOLLOW-ON CBRN UTCS ARE REQUIRED.
	EQUIPMENT IS SELF-SUSTAINABLE FOR 72 HOURS. THIS UTC DEPLOYS TO SUPPORT CONTINGENCY SPECIALIZED ALBRORNE/ALB ASSAULT FOULDMENT ONLY LITC THAT GIVES ALBRORNE FED HORSE THE
	CAPABILITY TO DEPLOY VIA AIR LAND AIR INSERT AND AIR DROP TO MAKE EXPEDIENT AIRFIELD
	DAMAGE REPAIRS AND PROVIDE A QUICK ASSESSMENT OF FOLLOW-ON DEPLOYMENT NEEDS PROVIDES
4F9RH	FOR INITIAL SITE SURVEY ASSESSMENT (GEO REACH): DEMOLITION OF OBSTRUCTIONS: EXPEDIENT
,	FORCE PROTECTION CONSTRUCTION: REPAIR AIRFIELD SURFACES FOR C-130/C-17 OPERATIONS: INSTALL
	EMERGENCY AIRFIELD LIGHTING SYSTEM: TEST FORPOTABLE WATER SOURCES: AND PERFORM
	PAVEMENT EVALUATIONS, EQUIPMENT IDENTIFIED TO ACCOMPLISH THE EXPEDIENT AIRFIELD REPAIRS
	SPECIALIZED AIRBORNE/AIR ASSAULT EQUIPMENT ONLY EOD UTC THAT CAN BE DELIVERED VIA AIR
	LAND, AIR INSERT AND AIR DROP. THIS UTC CONTAINS LIGHT VEHICLES, EQUIPMENT AND EXPLOSIVES
4F9RJ	TO PROVIDE EXPEDIENT AIRFIELD ASSESSMENT AND CLEARANCE OF UXOS REQUIRED TO RAPIDLY
	ESTABISH INITIAL AIRFIELD OPERATIONS AT CAPTURED OR AUSTERE AIRBASES. CAPABLE OF LIMITED
	COUNTER-IED AND FORCE PROTECTION OPERATIONS. UTC LINKED WITH 4F9RB AND4FPRC UTC IN
	AIRBORNE/AIR ASSAULT RED HORSE TEAM THAT CAN BE DELIVERED VIA AIR LAND, AIR INSERT AND AIR
	DROP INTO MODERATE THREAT BARE BASE OR FORWARD OPERATING LOCATIONS. UTC WILL HAVE THE
	CAPABILITY 10: ASSESS SHE FOR NBC AND HM HAZARDS IF COMBINED WITH 4F9RF AND 4F9RG AND
4F9RL	THE CAPABILITT OF UAU CECEARING IF COMBINED WITH 4F9KA AND 4F9KC. FROWIDES INITIAL SITE
	SURVET ASSESSMENT (DED KEACH), REMOVALI DEMOLITION OF OBSTRUCTIONS, INSTALL EMERGENCT ADEIED D LICUTING SVETEM, TECH, ONTADI E WATER SOUDCES, AND DEDOM DA VEMENT
	AINTIELD LIGHTING STSTEM, TEST FOR FOLDELE WATER SOURCES, AND FERFORM FAVELENT
	WITH BEOLUBED AIR FORCE SPECIALTY CODES (AESCIS) DEPSONNEL BELLMENT IS 21 SCOPED ARE INVESTIGATION OF A SPECIAL TY CODES (AESCIS) DEPSONNEL WILL DEPLOY WITH INDIVIDUAL
	RED HORSE SITE ASSESSMENT ENGINEER FORCE EQUIPMENT TO PERFORM ADVANCED AIRFIELD SURVEY.
	SITE LAYOUT, AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING
1505.0	LOCATIONDURING CONTINGENCIES. EQUIPMENT WILL BE LOADED ON VEHICLES TO PROVIDE A ROLL-
4F9RQ	ON/ROLL-OFF CAPABILITY. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING AND AIRFIELD
	PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED.
	WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR
	RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL
	CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO
4F9RS	INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET-
	UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND
	FACILITY REPAIR. MUST BE COMBINED WITH RH VERTICAL CONSTRUCTION EQUIPMENT UTC 4F9HM TO
	SUPPORT LARGE VERTICAL CONSTRUCTION PROJECTS. MUST COMBINE WITH 4FPRS AND EITHER

 CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4PRPT UTC TO SUPPORT VERTICAL TASKS TO INFELD/AIRCRAFT REVETMENT. AND ELECTRICAL EQUIPMENTSETUP AND OPERATIONS. MIST BE COMBINED WITH REVENDENT REVETMENT. AND ELECTRICAL EQUIPMENTSETUP AND OPERATIONS. MIST BE COMBINED WITH A PROVIDED ALL CANSTRUCTION FEQUPARY 14PMIN UTC FOR MEDIUMIA AGGE VERTICAL CONSTRUCTION PROJECTS. ALSO MUST INCLUDE UBM/ABM CONSTRUCTION COMABILITIES. MIST BE COMBINED WITH A 4PRV TO SUPPORT SMALL MORZONTAL CONSTRUCTION CAVABILITIES. MIST BE COMBINED WITH A 4PRV TO SUPPORT SMALL MORZONTAL TASKS TO INCLUDE VELL DRILLING. CUARY OPERATIONS, SAPHAL TB ATCH PLANT OPERATIONS, CONCETTE REPAIR CONSTRUCTION, CRANE OPERATIONS, AND LIMITED EARTHWORK OPERATIONS. MAY BE COMBINED WITH ANY BLE QUIPMENT 4PHAL OTC TIRU 4PHIL OR 4PHING. KNOPERATIONS. MAY BE COMBINED WITH ANY BLE QUIPMENT 4PHAL OTC TIRU 4PHIL OR 4PHING. KNOPERATIONS. MAY BE CONSTRUCTION CONSTRUCTION CAPABILITIES. MIST BE DEARTHWORK OPERATIONS. MAY BE COMBINED WITH ANY BLE QUIPMENT 4PHAL OTC TIRU 4PHIL OR 4PHING. KNOPERATIONS. MAY BE COMBINED WITH ANY BLE QUIPMENT 4PHIL OR 4PRR AND 4PRV TUCS. PROVIDES INDRIVENTIAL SUPPORT HOR VERTICAL CONSTRUCTION ACAABILITIES. MIST BE COMBINED WITH A 1PRV TO SUPPORTHEAVE DARTHORY KINCLUDING ALPRILD REPARATEW 400KREF QUIPMENT UTCS SUPPORTHEAVE ARTHORY AND CERTAIN SPECIAL CAPABILITIES. QUARY OPERATIONS, ASPHALT BAILTOPORT LAKEG CONSTRUCTION ACTIVITIES. MIST BE COMBINED WITH A 4PRV TO SUPPORT HORY OFTI LAKEG CONSTRUCTION NEXT BE COMBINED WITH A 4PRV YO PERATIONS, ASPHALT BAILTON PORT LAKEG CONSTRUCTION NEXT BE COMBINED WITH A 4PRW YO PERATIONS, ASPHALT BAIL BAIL MORE AND EXPLOYED AND ALIVERSE WITCS. APPRV TO SUPPORT HORIZONTAL VERTICAL CONSTRUCTION TEAMS 4PRSTAPRS OR 4PHIS TUCS. RED HORSE EQUIPMENT UTC TO SUPPORT AKARGEN CONSTRUCTION NEXT BE COMBINED WITH A 4PRW YO RE 4PRW APPRV UTCS, OR VERTICAL CONSTRUCTION TEAMS 4PHINE APPRV TOR SAPIS APHING WITH A 4PRW YO READY AND EXPLOYED AND AND AND CONSTRUCTION TEAMS APROVIDES SUPPORT HORIZONTAL VERTICAL CONST		RED HORSE EQUIPMENT UTC TO SUPPORT HEAVY CONSTRUCTION FORCEPROVIDING VERTICAL
 INCLUDE LARGE FRAME BUILDING CONSTRUCTION OPERATIONS. SPECIALIZED UTILITIES. 4F9RT ARRENED JARCRAFT REVEMENT: AND ELECTRICAL EQUIPMENT SPETUP AND OPERATIONS MUST BE COMBINED WITH RED HORSE VERTICAL CONSTRUCTION EQUIPMENT 4PHM UTC FOR NEUTRAL MARK CONSTRUCTION COMBINEDT KED HORSE EQUIPMENT UTC TO SUPPORT SMALL HORZONTAL CONSTRUCTION CAMABILITIES. MUST BE COMBINED WITH A 4PREVI TO SUPPORTHORIZONTAL TASKS TO INCLUDE WELD ERLLING, QUARY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, CONCRETE FAICH PLANT OPERATIONS, EXPLOSIVE 4F9RU DEMOLITION, HORZONTAL CONSTRUCTION, CANA OPERATIONS, EXPLOSIVE 4F9RU DEMOLITION, HORZONTAL CONTAL SUPPORT IORS VERTICAL CONSTRUCTION CANABINED 4F9RU DEMOLITION, AND THE COMBINED WITH ANY REPORT IORS VERTICAL CONSTRUCTION MICES AND 4FPRS OR 4F9RV AND 4FPHL OS SUPPORT HORIZONTAL, SUPPORT IORS VERTICAL CONSTRUCTION MICES IN BE COMBINED WITH A 4-PREV TO SUPPORT HORIZONTAL SUPPORT IORS VERTICAL CONSTRUCTION MICES IN BE COMBINED WITH A 4-PREV TO SUPPORT HORIZONTAL SUPPORT IORS VERTICAL CONSTRUCTION MICE INCLUDING 4F9RV FILE MUNITIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CERTAIN SPECIAL CAPABILITES QUARY OPERATIONS, ASPHALT BATCH HANT OPERATIONS, AND CONCRETE BATCH HANT 4FPRV TO SUPPORT HORIZONTAL LARGE CONSTRUCTION ACTIVITIES. MICES BE COMBINED WITH 4FPRV TO SUPPORT HORIZONTAL AND EXPLOSENCE CONSTRUCTION ACTIVITIES. MICES BE COMBINED WITH 4FPRV TO SUPPORT HORIZONTAL AND EXPLOSENCE ON OPERATIONS, MAN ANTENEANCE 4FPRV TO SUPPORT HORIZONTAL VERTICAL CONSTRUCTION OPERATIONS MAD ANTENEANCE 4FPRV TO SUPPORT HORIZONTAL VERTICAL CONSTRUCTION ACTIVITIES. MICES BE COMBINED WITH A APPRV TO SUPPORT HARY ON SUPPORT MARGING HICONSTRUCTION ACRAFT PRO OR APPRAPHS UTS 4FPRW TO SUPPORT HORIZONTAL VERTICAL CONSTRUCTION AND ANTENCATION AND ANTE		CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRT UTC TO SUPPORT VERTICAL TASKS TO
 [4]947 AIRFELDAIRCRAFT REVETMENT. AND ELECTRICAL EQUIPMENT SETUP AND OPERATIONS. MUST BE COMBINED WITH A EDH HORSE VERTICAL CONSTRUCTION EQUIPMENT 4FPH IUTC FOR MEDIUMALARGE VERTICAL CONSTRUCTION PROJECTS. ALSO MUST INCLUPE UBM ABM CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRU TO SUPPORT HORIZONTAL TASKS TO INCLUDE WELL PRULIANG, QUARRY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, CONCRETE BATCH PLANT OPERATIONS, EXPLOSIVE 4F9RU DEMOLITION, HORIZONTAL DRLIING, LIMITED CONCRETE REPAIR CONSTRUCTION, CAANE OPERATIONS AND LIMITED EARTHWORK OPERATIONS. MAY BE CONSTRUCTION, CAANE OPERATIONS AND LIMITED EARTHWORK OPERATIONS. MAY BE CONSTRUCTION, CAANE OPERATIONS AND LIMITED EARTHWORK OPERATIONS. MAY BE CONSTRUCTION CAANED HYPRS OR 4PORT AND 4PRRT UTCS, PROVIDES HORIZONTAL SUPPORT FOR VERTICAL CONSTRUCTION CAANED HYPRS OR 4PORT AND 4PRRT UTCS, PROVIDES HORIZONTAL SUPPORT FOR VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRV TO SUPPORTHORIZONTAL TASKS TO INCLUDE AIRTELD REPAIRNEW 4FORV OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE REATHWORK INCLUDING FUEL/MUNITIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CORCRETE BATCH HWORK INCLUDING 4FORV OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE BATCH HWORK INCLUDING 4FORV OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE BATCH HWORK INCLUDING 4FORV OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE BATCH HEAVY 6DATEMENT UTCT OSUPPORT LARGE CONSTRUCTION ACTIVITIES AND CAPABILITIES. 4FOR WORE OTHE FOLLOWING BEH ONSE UTCC COMINNENTIONS, HORIZONTAL CONSTRUCTION TARKS 1FOR THE POLLOWING BEH ONSE UTCCOM AND ACTIVITIES AND AND ANTENNANCE. 8RD HORSE EQUIPMENT UTCT, OS VERTICAL CONSTRUCTION TALMS 4F9RT 4FPRT IN CAPABILITY. 4FORW OR APRUATERY UTCT OS UPPORT SECONDARY C2 ELEMENT FORDEPTIONS AND AMDRED WITH 0NE GOM RORE OTHE FOLLOWING BEH DOWN, VEHICLE AND EQUIPMENT OPERATIONS AND AMDRED WITH 0NE OR MORE OTHE FOLLOWING DUPORT INCLUCE AND EQUIPMENT OPERATIONS AND AND 1000000000000000000000000000000000000		INCLUDE LARGE FRAME BUILDING CONSTRUCTION OPERATIONS. SPECIALIZED UTILITIES.
 COMBINED WITH RED HORSE VERTICAL CONSTRUCTION IQUIPMENT 499HM UTC FOR MEDIUMLARGE VERTICAL CONSTRUCTION PROJECTS. AL&O MUST INCLUPE UBM ABM CONSTRUCTION REDUPMENT ECOMBINED WITH A 4PPRU TO SUPPORTHORIZONTAL TASKS TO INCLUDE WELL DRILLING, UDARTIDE COMBINED WITH A 4PPRU TO SUPPORTHORIZONTAL TASKS TO INCLUDE WELL DRILLING, QUARY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, CONCRETE EARCH PLANT OPERATIONS, CANAGE OPERATIONS AND LIMITED EARTHWORK OPERATIONS MAY BE COMBINED WITH ANY INF QUIPMENT 499HL OR 499RT AD.49PRU TOTS, PROVIDES HORIZONTAL TASKS TO INCLUDE WELL DRILLING, NORCETS, RED HORSE EQUIPMENT UTC TO SUPPORT HEAVY HORIZONTAL CONSTRUCTION CONSTRUCTION PROFESSION ADD LIMITED EARTHWORK OPERATIONS, MAY BE COMBINED WITH ANY INFELO REPAIRNEW COMBINED WITH A 4PPRV TO SUPPORTHER/XVM IOR/X007AL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4PPRV TO SUPPORTHORIZONTAL TASKS TO INCLUDE ARTHWORK INCLUDING CONSTRUCTION, ASPHALT MILLING, DAVING, CONCRETE REPAIR, HEAVY EARTHWORK INCLUDING CONSTRUCTION, ASPHALT BATCH PLANT OPERATIONS, AND CENTAN SPECIAL CAPABILITIES WITH AND APPRU TO SUPPORT HORIZONTAL MASKS TO INCLUDE ARTHWORK INCLUDING QUARY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE BATCH HUARY HUR BE COMBINED WITH A ATOP THE RIT EQUIPMENT 49HAI THEU 49HL OR 49HS UTCS. RED HORSE EQUIPMENT UTC TO SUPPORT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH A 4PPRW TO SUPPORT HORIZONTAL VERTICAL CONSTRUCTION OPERATIONS, MEN COMBINED WITH A 4PPRW TO SUPPORT HORIZONTAL VERTICAL CONSTRUCTION TAMAS SPRTAPPRT OR 4PPRSTRUCTION TEAMS 499W WPW YOR VERY OR APPORT HORIZONTAL VERTICAL CONSTRUCTION TEAMS SPRTAPPRT OR APPRSTRUCTION TEAMS 499W WPW TO SUPPORT HORIZONTAL VERTICAL CONSTRUCTION TEAMS SPRTAPPRT OR APPRSTRUCTION TEAMS 499W ORVER Y TO APPLATE ON UTC TO SUPPORT SECONDARY CELEBERT FORDER TO SUPPORT SUPPORT SURVEYING, 499W ORVERTIONS, CAPABLE OF RH BEDOWN, VEHICLE AND EQUIPMENT OPERATIONS, AND ANTENANCE, 500HES LIMITED ALTERNA AND DITHER PRIMARY 4PPRY AND 4PPRV OR SPRTAPPRT OR APPRESTRUCTION CONBI	4F9RT	AIRFIELD/AIRCRAFT REVETMENT, AND ELECTRICAL FOUIPMENTSETUP AND OPERATIONS, MUST BE
 COMBINED WITH ALD HONGE TEATLE ALSO MUSE HONE HONE HONE HONE TO THE OUD-BLOW BELLOW HONE OF THE PLANT OF REATLE TO A DEPORT BOLIZON TAL CONSTRUCTION FOUND REATLED AND THE ECOMBINED WITH A HPRU TO SUPPORTHORIZONTAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A HPRU TO SUPPORTHORIZON AL ASSX TO INCLUDE WELL DRILLING, QUARAY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, CONCRETE BATCH PLANT OPERATIONS, EXPLOSIVE 49700 DEPORTHORIZONTAL DONCRET REPARCONSTRUCTION, CRANE OPERATIONS, EXPLOSIVE 49700 DEPORTHORIZONTAL TASKS TO INCLUDE WELL DRILLING, QUARAY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, CONCRETE REPARC CONSTRUCTION, CRANE OPERATIONS, AND LIMITED EARTHWORK OPERATIONS, MAY BE COMBINED WITH ANY RI EQUIPMENT HORE NOT BODIZONTAL TASKS TO INCLUDE AIRFIELD REPARANT MAY BER SOL 49707 AND 44PRT UTCS, PROVIDES HORIZONTAL TASKS TO INCLUDE AIRFIELD REPARANT MAY BER SOL 49707 AND 44PRT UTCS, PROVIDES HORIZONTAL TASKS TO INCLUDE AIRFIELD REPARANTER WITH A 4FREV TO SUPPORT HORIZONTAL TASKS TO INCLUDE AIRFIELD REPARANTER MUST BE COMBINED WITH A 4FREV TO SUPPORT HORIZONTAL TASKS TO INCLUDE AIRFIELD REPARANTER AND CONCRETE REAT HWORK INCLUDING FUEL-MUNITIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CONCRETE REAT HWORK INCLUDING FUEL-MUNITIONS ASPHALT BATCH PLANT OPERATIONS. AND CONCRETE REATHWORK INCLUDING AUXIES BE COMBINED WITH A 4FREV TO SUPPORT HORIZONTAL CONSTRUCTION TASKS TO INCLUDE AIRFIELD REPARANTER AND AINTENANCE. REAVY OPERATIONS, AND EXPEDIENCE, AND CONCRETE REATHWORK INCLUDING AND AND TREME AND AND TREME AND AND CONCRETE REAVEL AND AND AND AND AND AND AND AND AND AND		COMBINED WITH DED HODSE VEDTICAL CONSTRUCTION EQUIDMENT (FORM LITE FOR MEDIUM), ADGE
 LEBA HORES PESALRACHY INVESTIGATION FROM THORE OF THE PERCENT AND ADDRESS AND		COMBINED WITH RED HORSE VERTICAL CONSISTENCION EQUI MENT 41 7100 OTC FOR MEDIUM/LARGE
 LED INDED WITH A 4FPRU TO SUPPORTHORIZONTAL TASKS TO INCLUDE WELL DRILLING, QUARRY 4PRU DEMOLITION, HORIZONTAL DALLING, LIMFEL CONCERTE BATCH PLANT OPERATIONS, CAPABOLYE 4PRU DEMOLITION, HORIZONTAL DALLING, LIMFEL CONCERTE BATCH PLANT OPERATIONS, EXPLOSIVE 4PRU DEMOLITION, HORIZONTAL DRILLING, LIMFUE CONCERTE BATCH PLANT OPERATIONS, EXPLOSIVE 4PRU DEMOLITION, HORIZONTAL DRILLING, LIMFUE ONCRETE BATCH PLANT OPERATIONS 4PRU DEMOLITION, FORDER SUPPORT HOR VERTICAL CONSTRUCTION UTCS 4PR8 AND 4PPRS OR 4PRU DEMOSE EQUIPABINT UTC: TO SUPPORT HARVY HORIZONTAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRV TO SUPPORTHORIZONTAL TASKS TO INCLUDE ARFIELD REPAIR/NEW COMBINED WITH A 4FPRV TO SUPPORTHORIZONTAL TASKS TO INCLUDE ARFIELD REPAIR/NEW COMBINED WITH A 4FPRV TO SUPPORTHARY OPERATIONS, AND CONCERTE BATCH PLANT MORK INCLUDING 4PRW Y OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCERTE BATCH PLANT 4PRW Y OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCERTE BATCH PLANT 4PRW Y OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCERTE BATCH PLANT 4PRW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION TEAMS 4PRV14PPH OR 4PR8/4PPR3 4PRW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION TEAMS 4PRV14PPR OR 4PR8/4PPR3 4PRW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION TEAMS 4PRV14PPR1 OR 4PR8/4PPR3 4PRW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION TEAMS 4PRV14PPR1 OR 4PR8/4PPR3 4PRW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION TEAMS 4PRV14PPR1 OR 4PR8/4PPR3 4PRW TO APPR3/4PR8/4PR8 4PRW TO APABLE OF RIFE BADOWN, VEHICLE AND EQUIPMENT OPERATIONS AND ANATENANCE 4PRW TO APABLE OF REPOLYMENT MORE ON THE COMDINARY 4PRV1 OR APR8/4PPR3 4PRW ROBEL DESIGN AND AND DRAFTING. HORZONTAL/VERTICAL CONSTRUCTION TEAMS 4PR8/4PRV1 OR SUPORT SUBLED APR8/4PPR3		VERTICAL CONSTRUCTION PROJECTS, ALSO MUST INCLUDE UBMABM CONSTRUCTION EQUIPMENT DED HORSE FOLIDMENT UTC TO SUPPORT SMALL HORIZONTAL CONSTRUCTION CAPABILITES MUST BE
 COMBINED WITH A SPIRAL DAST OF LANT OPERATIONS, CONCRETE BATCH PLANT OPERATIONS, EXPLOSIVE dPROLITION, HORIZONTAL DRILLING, LIMITED CONCRETE REPAIR/CONSTRUCTION, CRANE OPERATIONS AND LIMITED EARTHWORK OPERATIONS, MAY BE COMBINED WITH ANY HE OUIPMENT 4PHA UTC THRU 4PHL OR 4PHS, WHEN COMBINED WITH RH VERTICAL CONSTRUCTION (CRANE OPERATIONS dPRT AND 4PPET UTCS, PROVIDES HORIZONTAL SUPPORT FOR VERTICAL CONSTRUCTION (CRANE OPERATIONS dPRT AND 4PPET UTCS, PROVIDES HORIZONTAL LSUPPORT FOR VERTICAL CONSTRUCTION (INCLIDING dFIRE AND 4PPET UTCS, PROVIDES HORIZONTAL LASSES TO INCLUDE ARFIELD REPAIR/NEW COMBINED WITH A 4PPR YT OS UPPORTHORIZONTAL LASSES TO INCLUDE ARFIELD REPAIR/NEW CONSTRUCTION, ASPHALT MILLINGPAVING, CONCRETE REPAIR, HEAVY EARTHWORK INCLUDING dFIRE AUMINITIONS BERMS ROADS, AND EXPEDIENT AIRSTRIES AND CERTAIN SPECIAL CAPABILITIES QUARRY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE BATCH PLANT OPERATIONS, MAY BE COMBINED WITH ANY OF THE RH EQUIPMENT 4PHA 1TRU 4PHI, OR 4PHS UTCS, RED HORSE EQUIPMENT UTC'IN O SUPPORT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH ONE ON ORGE OF THE FOLLOWING RED HORSE UTC COMBINATIONS. HERE COMBINED WITH ONE MORE OF THE FOLLOWING RED HORSE UTC CONSTRUCTION ALONS. WHENCHTON THEMAS 4PRW TO SUPPORT HARPHRU UTCS, MINO VENTICAL CONSTRUCTION ACAPABILITY. MUST COMBINED WITH A 4PRY AND SUPPORT MANAGING RH CONSTRUCTION AD ANATTENANCE, 4PROX DEPORT SURVEYING, AND ARAFTING CAPABILITY. MUST COMBINED WITH A 4PRY AND SUPPORT MANAGING RH CONSTRUCTION REAMS 4PRY APPRY OR 4PRS 4PRY AND 4PRS 4PRY AND AVARDING AND AVARTING. 4FORT MARGE AD RHER VERMARY 4PRY AND APPRY OR 5CONDARY REB HORGER HUB RED HORSE EQUIPMENT TUTC TO SUPPORT HARY 4PRY AND APPRAY OR 5CONDARY REB HORGER HUB APROVIDES EQUIPMENT		COMBINED WITH A AEDDITTO SUDDODTION TATI TASKS TO INCLUDE WELL DHILLING OUADDY
 OPERATIONS, ASPIRAL D'ALCH FLANG, LIMITED CONCRETE REPARICONSTRUCTION, CRANE OPERATIONS AND LIMITED EARTHWORK OPERATIONS, MAY BE COMBINED WITH ANY RH EQUIPMENT 4FPHA UTC THRU 4PHL OR 4PHS. WHEN COMBINED WITH RH VERTICAL CONSTRUCTION UTCS 4FP85 AND 4FP85 OR 4F9RT AND 4FP8T UTCS. FROVIDES HORIZONTAL SUPPORT FOR VERTICAL CONSTRUCTION APABILITIES. MUST BE COMBINED WITH A 4FPRV TO SUPPORT HAVY HORIZONTAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRV TO SUPPORT HAVY HORIZONTAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRV TO SUPPORT HAVY HORIZONTAL CONSTRUCTION CAPABILITIES. WITE COMBINED WITH A 4FPRV TO SUPPORT HAVY HORIZONTAL CONSTRUCTION APABLITIES. MUST BE COMBINED WITH A 4FPRV TO SUPPORT HAVY OF THE RH EQUIPMENT 4PHAR HAVY HARTHWORK INCLUDING FUELMUNITIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CORCHETE BATCH PLANT OPERATIONS. MAY BE COMBINED WITH ANY OF THE RH EQUIPMENT APHA THRU 4FPHL OR 4PHS UTCS. RED HORSE EQUIPMENT UTC TO SUPPORT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH A 4FPRW TO SUPPORT HORIZONTAL VERTICAL CONSTRUCTION OPERATIONS. WHEN COMBINED WITH AFPRW TO SUPPORT HORIZONTAL VERTICAL CONSTRUCTION OPERATIONS. WHEN COMBINED WITH AFPRW TO SUPPORT HORIZONTAL VERTICAL CONSTRUCTION TEAMS 4FPRT14PPRT OR AFPRS14PPRS UTCS. PROVIDES SUPPLY, SERVICES, MINOR VEHICLE AND EQUIPMENT OPERATIONS AND AMANTENANCE. PROVIDES LIMITED DESIGN AND EGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4FPRV AND ETHER PRIMARY 4FPRY AND 4FPRY OR SECONDARY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT MANAGING RH CONSTRUCTION PROJECTS IN THEATER OF OPERATIONS. CAPABILE OF RH BEDDOWN, VEHICLE AND FRY OR SECONDARY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT SURVEYING, AND AFPRY OR SECONDARY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT SURVEYING AND AFPRY OR SECONDARY RED HORSE HUB RED HORSE EQUIPMENT TO TO SUPPORT MANAGING RH CONSTRUCTION RED SECONDARY RED HORSE HUE COMBINED WITH A 4FPRV INT TO SUPPORT MANAGING AND ACTIVAL AL CONSTRUCTION RESONNES RED HORS		COMBINED WITH A 41T RUTO SOLT OKTHORIZONTAL TASKS TO INCLODE WELE DRIELING, QUARKT
 Hayko DEMOLTION, HORZONTAL DKILLING, LIMITED CONCRETE REPARCONSTRUCTION CRANE OPERATIONS AND LIMITED EARTHWORK OPERATIONS, MAY BE COMBINED WITH ANY HE QUIPMENT 4PHA UTC THRU 4PHIL OR 4PHS. WHEN COMBINED WITH RH VERTICAL CONSTRUCTION ICS 4PRS AND 4PRS OR 4P9RT AND 4PPR TOTS; PROVIDES HORZONTAL SUPPORT FOR VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4PRV TO SUPPORTHORZONTAL TASST TO ISCUUE ARFIELD REPAIR/NEW CONSTRUCTION, ASPHALT MILLINGPAVING, CONCRETE REPAIR, HEAVY EARTHWORK INCLUDING FLAIDMINITIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CERTAIN SPECIAL CAPABILITIES QUARY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE BATCH PLANT OPERATIONS, MAY BE COMBINED WITH ANY OF THE RH EQUIPMENT 4PHA THRU 4PHL OR 4PHS UTCS RED HORSE EQUIPMENT UTC TO SUPPORT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH A 4PRW TO SUPPORT HORZONTAL/VERTICAL CONSTRUCTION TEAMS 4PPRT4PHT OR 4PPRS 4PHS UTCS; PROVIDES SUPPLY, SERVICES, MINOR VENICLA CONSTRUCTION TEAMS 4PPRT4PHT OR 4PPRS 4PHS UTCS; PROVIDES UPPLY, SERVICES, MINOR VENICLA CONSTRUCTION, DRAFTING CAPABILITY, MUST COMBINE OWIPLY, SERVICES, MINOR VENICLE AND EQUIPMENT 1PREATIONS, AND APRS 4PHS UTCS; PROVIDES UPPLY, SERVICES, MINOR VENICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY, MUST COMBINE WITH A 4FPRV AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY, MUST COMBINE WITH A 4FPRV AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY, MUST COMBINE WITH A 4FPRV AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY, MUST COMBINE WITH A 4FPRV AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY, MUST BE COMBINE WITH A 4FPRV AND SUPPORT NANAGING RH CONSTRUCTION REAMS 4PPRV APRV UR AND APRS 4PRV CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FULLOWING UTC COMBINETONS. CAPABLE OF RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND PORTECAL CONSTRUCTION TEAMS 4PPRVAPRY ON CAPREATIVESTIGATIONS. MUST BE COMBINED WITH A 4FPRV TO SUPPORT TRAF	(FOD II	OPERATIONS, ASPHALI BATCH PLANT OPERATIONS, CONCRETE BATCH PLANT OPERATIONS, EAPLOSIVE
AND LIMIED EARTHWORK OFERATIONS. MAY BE COMBINED WITH ANY REH EQUIPMENT 44-9HA UIC THRU 4PHIL OR 4PHS. WHEN COMBINED WITH AN VERTICAL CONSTRUCTION UTCS 4PAS AND 4PPRS OR 4P9RT AND 4PPRS UTCS. PROVIDES HORIZONTAL SUPPORT FOR VERTICAL CONSTRUCTION PROJECTS. RED HORSE EQUIPMENT UTC TO SUPPORT HARY HORIZONTAL CASTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4PPRV TO SUPPORTHORIZONTAL TASKS TO INCLUDE AIRFIED REPAIR.NEW CONSTRUCTION, ASPHALT MILLINGPAVING, CONCRETE REPAIR, HEAVY EARTHWORK INCLUDING FUELMILINTIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CENTAIN SPECIAL CAPABILITIES QUARRY OPERATIONS. ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE BATCH PLANT OPERATIONS, MAY BE COMBINED WITH ANY OF THE RIH EQUIPMENT 4P9HA THRU 4P9HAL OR 4P9HS UTCS. RED HORSE EQUIPMENT UTCTO SUPPORT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH A 4PPR TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION OPERATIONS. HUEN COMBINED WITH A 4PPR VTO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION OPERATIONS. MUST BE COMBINED WITH A 4PPR VTO SUPPORT HORIZON UTCS, OR VERITCAL CONSTRUCTION OPERATIONS. MUST BE COMBINED WITH A 4PPR VTO SUPPORT HORIZON DUTCS, OR VERITCAL CONSTRUCTION OPERATIONS AND MAINTENANCE PROVIDES LIMITED DESIGN AND ENCINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4PPRV AND EFTICAL CONSTRUCTION OPERATIONS AND MAINTENANCE PROVIDES LIMITED DESIGN AND ENCINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINEE WITH A 4PPR TO SUPPORT MANAGING RH CONSTRUCTION PROJECTS IN HEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN. VEHICLE MAINTENANCE, SERVICES, DESIGN AND BE COMBINED WITH A 4PPRY TO SUPPORT MANAGING RH CONSTRUCTION ROJECTS IN HEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN. VEHICLE MAINTENANCE, SERVICES, DESIGN AND CONSTRUCTION TEAMS 4PPRS/ARPRS OR APPRT/4PPRT UTCS. OR OPERATIONS, MUST BE COMBINED WITH A 4PPRY UTC TO SUPPORT MANAGING RH CONSTRUCTION ROJECTS IN HEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN. VEHICLE MAINTENANCE, SERVICES, DESIGN AND ENGINEERING SUPPORT SURVEY REQUIREMENTS USING GLOBAL POSTICAL ONSTR	4F9RU	DEMOLITION, HORIZONTAL DRILLING, LIMITED CONCRETE REPART/CONSTRUCTION; CRANE OPERATIONS
 THRU 4F9HL OK 4F9HS. WHEN COMBINED WITH RH VERTICAL CONSTRUCTION PROJECTS. RED HORSE EQUIPMENT UTCS, PROVIDES HORIZONTAL SUPPORT FOR VERTICAL CONSTRUCTION PROJECTS. RED HORSE EQUIPMENT UTCS, DEUPORT HEAVY HORIZONTAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRV TO SUPPORT HEAVY HORIZONTAL CASS TO INCLUDE AIRFIELD REFAIR.NEW CONSTRUCTION, ASPHALT MILLING/PAVING, CONCETET REPAIR, HEAVY EARTHWORK INCLUDING FUEL/MUNITIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CERTAIN SPECIAL CAPABILITIES QUARKY OPERATIONS, ASPHALT BATCH HLANT OPERATIONS, AND CONCEPTE BATCH PLANT OPERATIONS, MAY BE COMBINED WITH ANY OF THE RH EQUIPMENT 4F9HA THKU 4F9HL OR 4F9HS UTCS. RED HORSE EQUIPMENT UTC'D SUPPORT HARGE CONSTRUCTION OPERATIONS. MURL OR MBINED WITH A 4FPRW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION TEAMS SPECIAL CAPABILITIES GUARKY OPERATIONS, ASPHALT BATCH HLANT OPERATIONS (RED HORSE UTC COMBINATIONS, HORIZONTAL/ORSTRUCTION TEAMS 4F9RW 4FPRV OR 4F9RU4PRU UTCS, OR VERTICAL CONSTRUCTION TEAMS 4F9RTAURY TO R 4F9RS/4FPRS 4F9RW 4FPRV OR 4F9RU4PRY UTCS, OR VERTICAL CONSTRUCTION TEAMS 4F9RTATORS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND ENGINERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINED WITH 4 4FPRV TO SUPPORT MANAGING RH CONSTRUCTION READERS N MAINTENANCE. 4F9RK 4FPRV APABLE OF RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND ENGINEERING SUPPORT SURVEYING, AND BAFTING, HORIZONTAL/VERTICAL CONSTRUCTION 4FPRATIONS. CAPABLE OF R NB BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND ENGINEERING SUPPORT SURVEYING, AND AFPRV/4FPRV OR 4F9RU/4FPRU UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4F9RV/4FPRV OR 4F9RU/4FPRU UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4F9RV/4FPRV OR 4F9RU/4FPRU UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4F9RV/4		AND LIMITED EARTHWORK OPERATIONS. MAY BE COMBINED WITH ANY RH EQUIPMENT 4F9HA UTC
 4F9RT AND 4F9RT UTCS, PROVIDES HORIZONTAL SUPPORT FOR VERTICAL CONSTRUCTION PROJECTS. RED HORSE EQUIPMENT UTC TO SUPPORT HEAVY HORIZONTAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRV TO SUPPORTHORIZONTAL TASKS TO INCLUDE AIRFIED REPAIR/NEW 4F9RV 4F9RV FUELMUNTIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CERTAIN SPECIAL CAPABILITIES QUARRY OPERATIONS, ASPHALT MALL BATCH PLANT OPERATIONS, AND CONCETE BATCH PLANT OPERATIONS, MAY BE COMBINED WITH ANY OF THE RIF EQUIPMENT 4P9HA THRU 4P9HI, OR 4P9HS UTCS. RED HORSE EQUIPMENT UTCTO SUPPORT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH A 4PPR TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH ONE OR MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS, HORIZONTALCONSTRUCTION TEAMS UTCS. PROVIDES SUPPLY, SERVICES, MINOR VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE. PROVIDES SUPPLY, SERVICES, MINOR VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND EXGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4PPR VARD ETHER PRIMARY 4P9RY AND 4FPRY OR SECONDARY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4PPRW AND EXCINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4PPRW AND SUPPORT SURVEYING, AND 4FPRY OR SECONDARY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT MANAGING RH CONSTRUCTION PROJECTS IN THEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND ENGINEERING SUPPORT SURVEYING, AND DRAFTING, HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY 15 OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC COMBINED WITH A 4PPRY TO SUPPORT HEAD C2 ELEMENT FORDEPLOYED RH SQUADRON RESPONSIBLE FOR MANAGING RH CONSTRUCTION TEAMS 4PRV4/PRV OR 4PRV4/PRV UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4PR8/4PRY APRV APRV4/PRV UTCS AND/OR VERTICAL CONSTRUCTION SUPPORT SURVEYING, AND MATENIAL TESTING CAPABILIT		THRU 4F9HL OR 4F9HS. WHEN COMBINED WITH RH VERTICAL CONSTRUCTION UTCS 4F9RS AND 4FPRS OR
 RED HORSE BUDIPATENT UTC TO SUPPORT HEAVT FIORIZONTAL TASKS TO INCLIDE AIRFIELD REPAIR/NEW GOMSTRUCTION, ASPHALT MILLING/PAVING, CONCRETE REPAIR, HEAVY EARTHWORK INCLUDING FULMUNITIONS BERMS, ROADS, AND EXPEDIENT AIRSTIRPS AND CERTAIN SPECIAL CAPABILITIES QUARY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE BATCH PLANT OPERATIONS, MAY BE COMBINED WITH ANY OF THE RH EQUIPMENT 4PHA THRU 4PHL OR AFPHS UTCS. RED HORSE EQUIPMENT UTC TO SUPPORT LARGE CONSTRUCTION OPERATIONS. MUST DE COMBINED WITH A 4PRW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION OPERATIONS. MUST DE COMBINED WITH A 4PRW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION TEAMS SPRTATORS NORIZONTALCONSTRUCTION TEAMS 4F9RW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION TEAMS SPRTATONS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND EXQUISER UTC COMBINATIONS. HORIZONTALCONSTRUCTION TEAMS 4F9RW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION TEAMS SPRTATONS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND EXQUINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. NUST COMBINE WITH A 4PPRW AND ETHER PRIMARY 4PPRY AND 4FPRY OR SECONDARY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT SECONDARY C2 ELEMENT FORDEPLOYED RI NQUADRON, MUST BE COMBINED WITH A 4PPRK TO SUPPORT SECONDARY C2 ELEMENT FORDEPLOYED RI NQUADRON, MUST BE COMBINED WITH A 4PPRK ND SUPPORT SECONDARY C2 ELEMENT TON CCONSTRUCTION CAPABILTY. 4PPRX 4PRATIONS. HORIZONTAL.CONSTRUCTION TEAMS 4P9R/4PRY OR AFRUAPRU UTCS ANDOR 4PORTICAL CONSTRUCTION TEAMS 4P9R/4PRS OR 4P9R/4PRY OR AFRUAPRU UTCS ANDOR 4PORTICAL CONSTRUCTION TEAMS 4P9R/4PRS OR 4P9R/4PRY OR AFRUAPRU UTCS ANDOR 4PORTICAL CONSTRUCTION TEAMS 4P9R/4PRY OR APPRUAPRU AND SENTANCE, SERVICES, DESIGN 4PORTICAL CONSTRUCTION TEAMS 4P9R/4PRY OR APPRUAPRU UTCS ANDOR 4PORTIC		4F9RT AND 4FPRT UTCS, PROVIDES HORIZONTAL SUPPORT FOR VERTICAL CONSTRUCTION PROJECTS.
 COMBINED WITH A 4PRV TO SOPORTHORIZONTAL LASKS TO INCLUDE ARRHWORK INCLUDING 4PRV 4PRV GUNSTRUCTION, ASPHALT MILLING/PAVING, CONCRETE REPAIR, HEAVY EARTHWORK INCLUDING FUEL/MUNTIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CERTAIN SPECIAL CAPABILITIES 000000000000000000000000000000000000		RED HORSE EQUIPMENT UTC TO SUPPORT HEAVY HORIZON TAL CONSTRUCTION CAPABILITIES. MUST BE
 4P9RV CONSTRUCTION, ASPHALT MILLIOPAVING, CONCRETE REPAIR, HEAVY EARTHWORK INCLUDING OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND EXPEDIENT AIRSTRPS AND CERTAIN SPECIAL CAPABILITIES QUARRY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE BATCH PLANT OPERATIONS, MAY BE COMBINED WITH ANY OF THE RH EQUIPMENT 4PHA THRU 4PHAL OR 4PHS UTCS. RED HORSE EQUIPMENT UTC TO SUPPORT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH A 4FPRW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION OPERATIONS. WHEN COMBINED WITH A 4FPRV TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION OPERATIONS. HORIZONTAL/CONSTRUCTION TEAMS 4F9RV4FPRV OR 4P9RU/4PRU UTCS, OR VERTICAL CONSTRUCTION OPERATIONS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINED WITH A 4PPRW AND EITHER PRIMARY 4PRY AND 4PPRV OR SECONSNEY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT SECONDARY C2 LELEMENT FORDEPLOYED RN SQUADRON. MUST BE COMBINED WITH A 4PPRW AND BITHER PRIMARY 4PRY AND 4PPRV OR SECONARY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT MANAGING RI CONSTRUCTION PROJECTS IN THEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN, VEHICLE MAINTENANCE. SERVICES, DESIGN AND ENGINEERING SUPPORT SURVEYING, AND DRAFTING. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS 4P9RV/4PPR V OR 4P9RU4PPR UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4P9RS/4PRS 0R 4P9RT/4PPRT UTCS. UTC CONTAINS ENHANCED LOGITICS, VEHICLE MAINTENANCE. AND MEDICAL CAPABILITY. MUST DEPLOY WITH RED HORSE RED HORSE EQUIPMENT UTC TO SUPPORT LEAD C2 ELEMENT (HUB) OFA DEPLOYED RH SQUADRON RESPONSIBLE FOR MANAGING RH CONSTRUCTION PROJECTS IN A THEATER OF OPERATIONS. MUST BE COMBINED WITH A 4PPRY UTC TO SUPPORT LEAD C2 ELEMENT (HUB) OFA DEPLOY WIT RED HORSE RED HORSE EQUIPMENT TOT TO SUPPORT LEAD C2 ELEMENT (HUB) OFA DEPLOY WITH RED HORSE RED HORSE EQUIPMENT TOT TO SUPPORT IN REDDODAL PORTIONNED SUBME		COMBINED WITH A 4FPRV TO SUPPORTHORIZONTAL TASKS TO INCLUDE AIRFIELD REPAIR/NEW
 FUELMUNITIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CERTAIN SPECIAL CAPABILITIES QUARY OPERATIONS, SAPALLT BATCH PLANT OPERATIONS, AND CONCRETE BATCI PLANT OPERATIONS, MAY BE COMBINED WITH ANY OF THE RH EQUIPMENT 4PHA THRU 4PHL OR 4F9HS UTCS. RED HORSE EQUIPMENT UTC TO SUPPORT LARGE CONSTRUCTION OPERATIONS. WHEN COMBINED WITH A 4FPRW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION TEAMS 4F9RTIAPPRT OR 4F9RS/AFPRS UTCS. PROVIDES SUPPLY, SERVICES, MINOR VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE. PROVIDES LIMPTED DESIGN AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4PPRW AND EITHER PRIMARY 4F9RY AND 4FPRY OR SECONDARY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4PPRW TO SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4PPR TO SUPPORT MANAGING RH CONSTRUCTION PROJECTS IN THEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND BE COMBINED UPPORT SURVEYING, AND DRAFTING, CHAPRU/VERTUCAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS 4P9R/4FPRV OR 4F9RU/4FPRU OR 4F9RU/4FPRU OR ADOR VERTUCAL CONSTRUCTION TEAMS 4P9R/4FPRS OR 4F9RU/4FPRU OR 4F9RU/4FPRU MIST 4F9RX APGE UTC FOR MANAGING RH CONSTRUCTION PROJECTS IN A THEATER OF OPERATIONS. MUST BE COMBINED WITH A 4FPRY LY TO SUPPORT READ CAPABILITY. MUST DEFLOYED H SQUADRON RESPONSIBLE FOR MANAGING RH CONSTRUCTION PROJECTS IN A THEATER OF OPERATIONS. MUST BE COMBINED WITH A 4FPRY LY TO SUPPORT R HEAD OPERATIONS. MUST BE COMBINED WITH A 4FPRY LY TO SUPPORT R HEAD OF ADEPLOYED H SQUADRON RESPONSIBLE FOR MANAGING RH CONSTRUCTION PROJECTS IN A THEATER OF OPERATIONS. MUST BE COMBINED WITH A 4FPRY SUPPORT SURVEYING, DRAFTING, SUPORT FONCONSTRUCTION THE RED APPORT DAWNADA ADD CONTROL(C2) ACTIVITIES FOR AFPS6.<	4F9RV	CONSTRUCTION, ASPHALT MILLING/PAVING, CONCRETE REPAIR, HEAVY EARTHWORK INCLUDING
QUARRY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCERTE BATCH PLANT OPERATIONS, MAY BE COMBINED WITH ANY OF THE HE DOUPMENT 4F9HA THEU 4F9HL OR 4F9HS UTCS. RED HORSE EQUIPMENT UTC TO SUPPORT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH A 4F9RW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION OPERATIONS. WHEN COMBINED WITH A 4F9RV 4F9RV OR 4F9RU4FPRU UTCS, OR VERTICAL CONSTRUCTION TEAMS 4F9RT4FPRT OR 4F9RS/4FPRS UTCS. PROVIDES SUPPLY, SERVICES, MINOR VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4FPRW AND EITHER PRIMARY 4F9RY AND 4FPRY OR SECONDARY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT SECONDARY C2 ELEMENT FORDEPLOYED RH SQUADRON. MUST BE COMBINED WITH A 4FPRX TO SUPPORT SURVEYING, DRAFTING CONSTRUCTION RODECTS IN THEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND ENGINEERING SUPPORT SURVEYING, AND DRAFTING, HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS 4F9R7/4FPRT VOR 4F9RU4FPRU UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4F9R3/4FPRS OR 4F9R7/4FPRT UTCS. UTC CONTAINS ENHANCED LOGISTICS, VEHICLE MAINTENANCE AD MEDICAL CAPABILITY, MUST DEPLOYED RH SQUADRON RESPONSIBLE FOR MANAGING RH CONSTRUCTION PROJECTS IN A THEATER OF OPERATIONS. MUST BE COMBINED WITH A 4FPRY UTC TO SUPPORT RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN APGOP UTC FOR PRECISION SURVEY IRG, DRAFTING, AND MATERIAL TESTING CAPABILITIES. REQUIRES A 4F9GP UTC FOR PRECISION SURVEY REQUIREMENT SUISING CLOBAL POSITION. SUSTEMANCED EDGINEER FOR MANAGING RH CONSTRUCTION PROJECTS IN A THEATER OF OPERATIONS. MUST BE COMBINED WITH A 4FPRY UTC TO SUPPORT RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AD ENGINEER MINOR SURVEY REQUIREMENTS USING GLOBAL POSITIONS. MUST BARCE RED HORSE EQUIPMENT UTC TO		FUEL/MUNITIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CERTAIN SPECIAL CAPABILITIES
OPERATIONS. MAY BE COMBINED WITH ANY OF THE RH EQUIPMENT 4F9HL THEU 4F9HL, OR 4F9HS UTCS. RED HORSE EQUIPMENT UTC TO SUPPORT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH AFPRW 4F9RV VOR 4F9RU ATEVAL/VERTICAL CONSTRUCTION NO FERATIONS. WHEN COMBINED WITH 4F9RW 4F9RV OR 4F9RU4PRU UTCS, OR VERTICAL CONSTRUCTION TEAMS 4F9RT/4FPRT OR 4F9RS/4FPRS UTCS. PROVIDES SUPPLY, SERVICES, MINOR VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4FPRW AND EITHER PRIMARY 4F9RY AND 4FPRY OR SECONDARY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT MANAGING RH CONSTRUCTION PROJECTS IN THEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND ENGINEERING SUPPORT SURVEYING, AND DRAFTING, HORZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC COMBINED WITH A 4FPRY COMBINED WITH A 4PRY AFBORY VERTICAL CONSTRUCTION FAMS/SARPS OK 44PRV (4FPRV 0R 4PRU/4FPRU UTCS ADD/OR VERSTRUCTOR TO TEAMS 4F9RY/4FPR TOR 3F0/4FPRV UTCS. TOTC CONTAINS ENHANCED LOGISTICS, VEHICLE MAINTENANCE, AND MEDICAL CAPABILITY. MUST DEPLOY WITH RED HORSE RED HORSE EQUIPMENT TO TO SUPPORT LEAD C2 ELEMENT (HUB) OFA DEPLOY WITH RED HORSE RED HORSE EQUIPMENT TOTO SUPPORT LEAD C2 ELEMENT (HUB) OFA DEPLOY WITH RED HORSE		QUARRY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE BATCH PLANT
 RED HORSE EQUIPMENT UTC TO SUPPORT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH ONE OR MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS. HORIZONTALCONSTRUCTION TEAMS 4P9RV 4P9RV 4PPRV OR 4P9RU4PPRU UTCS, OR VERTICAL CONSTRUCTION TEAMS 4P9RT4PPRT OR 4P9RS/4PPRS UTCS. PROVIDES SUPPLY, SERVICES, MINOR VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4FPRW AND EITHER PRIMARY 4P9RY AND 4FPRY OR SECONDARY RED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT SECONDARY C2 ELEMENT FORDEPLOYED RH SQUADRON. MUST BE COMBINED WITH A 4FPRX TO SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST GOMBINED WITH A 4FPRX TO SUPPORT SECONDARY C2 ELEMENT FORDEPLOYED RH SQUADRON. MUST BE COMBINED WITH A 4FPRX TO SUPPORT SURVEYING, AND CONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS 45970/47PRV OR 4P9RU4PRU UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4F9RS/4RPRS OR 4F9RT4FPRT UTCS. UTC CONTAINS ENHANCED LOGISTICS. VEHICLE MAINTENANCE, AND MEDICAL CAPABILITY. MUST DEPLOY WITH RED HORSE RED HORSE EQUIPMENT UTC TO SUPPORT LEAD C2 ELEMENT (HUB) OFA DEPLOYED RH SQUADRON RESPONSIBLE FOR MANAGING RH CONSTRUCTION PROJECTS IN A THEATER OF OPERATIONS. MUST BE COMBINED WITH A 4FPRY UTC TO SUPPORT RH BEDDOWN. VEHICLE MAINTENANCE, SERVICES, DESIGN 4F9RY AND EXGLIERENG SUPPORT SURVEYING, DRAFTING, AND MATERIAL TESTING CAPABILITIES. REQUIRES A 4F9GP UTC FOR PRECISION SURVEY REQUIREMENTS USING GLOBAL POSITIONING SYSTEM EQUIP. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH NOR 0R MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS ENGINEER FORCE EQUIPMENT SET TO SUPPORT COMMAND AND CONTROL(C2) ACTIVITIES FOR 4F956, 4F9F4 FP4 AND FFES UTCS. EQUIPMENT FOR CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE 0R MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS ENGINEER FORC		OPERATIONS. MAY BE COMBINED WITH ANY OF THE RH EQUIPMENT 4F9HA THRU 4F9HL OR 4F9HS UTCS.
A 4PPRW TO SUPPORT HORIZONTAL/ERTICAL CONSTRUCTION OPERATIONS. WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS. HORIZONTALCONSTRUCTION TEAMS 4P9RV 4P9RV/4FPRV OR 4P9RU/4FPRU UTCS, OR VERTICAL CONSTRUCTION TEAMS 4F9RT/4FPRT OR 4F9RS/4FPRS UTCS. PROVIDES SUPPLY, SERVICES, MINOR VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY, MUST COMBINE WITH A 4FPRW AND EITHER PRIMARY 4F9RY AND 4FPRY OR SECONDARY KED HORSE FULB RED HORSE EQUIPMENT UTC TO SUPPORT SECONDARY C2 LEMENT FORDEPLOYED RH SQUADRON MUST BE COMBINED WITH A 4FPRX TO SUPPORT MANAGING RH CONSTRUCTION PROJECTS IN THEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND EGNIDERING SUPPORT SURVEYING, AND DRAFTING. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS 4F9RV/4FPRV OR 4F9RU/4FPRU UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4F9R3/4PRRS OR 4F9RT/4FPRT UTCS. UTC CONTAINS ENHANCED LOGISTICS, VEHICLE MAINTENANCE, AND MEDICAL CAPABILITY, MUST DEPLOY WITH RED HORSE RED HORSE EQUIPMENT UTC TO SUPPORT LEAM C2 LEMENT FUELD OF A DEPLOY WITH RED HORSE FOR DANAGING RH CONSTRUCTION PROJECTS IN A THEATER OF OPERATIONS. MUST BE COMBINED WITH A 4FPRY UTC TO SUPPORT RH BEDDOWN. VEHICLE MAINTENANCE, SERVICES, DESIGN A 4P9GY UTC FOR PRECISION SURVEY REQUIREMENTS USING GLOBAL POSITIONING SYSTEM EQUIP. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHENC COMBINED WITH 0.00 MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS ENGINEER FORCE EQUIPMENT SUR TO SUPPORT SUMMERIZANI DANA CONTRUCTION TEAMS ENGINEER FORCE EQUIPMENT ST TO SUPPORT COMMAND AND CONTRUCTION THE MS ENGINEER FORCE EQUIPMENT ST TO SUPPORT COMMAND AND CONTRUCTION TRANS A 4P9GV DE OR REPEDINCS. EQUIPMENTS USING CLOBAL POSITIONING SYSTEM EQUIP. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITIES TO CONDUCT INCIDENT COMMAND MORE OF THE FOLLOWING RE		RED HORSE EQUIPMENT UTC TO SUPPORT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH
 ONE OR MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS. HORIZONTALCONSTRUCTION TEAMS 4F9RW 4F9RW 4F9RV/4FPRV OR 4F9RV/4FPRV UTCS. OR VERTICAL CONSTRUCTION TEAMS 4F9RV 4F9RV STORE SUPPLY, SERVICES, MINOR VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY, MUST COMBINE WITH A 4FPRV AND ETHER FRIMARY 4F9RY AND AFPRY OR SECONDARY KED HORSE HUB RED HORSE EQUIPMENT UTC TO SUPPORT SUCONDARY C2 ELEMENT FORDEPLOYED RH SQUADRON. MUST BE COMBINED WITH A 4FPRV TO SUPPORT SUCONDARY C2 ELEMENT FORDEPLOYED RH SQUADRON. MUST BE COMBINED WITH A 4FPRV TO SUPPORT MANAGING RH CONSTRUCTION PROJECTS IN THEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND ENGINEERING SUPPORT SURVEYING, AND DRAFTING. HORIZONTAL/CENSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS 4P9RV/4FPRV OR 4F9RU/4FPRU UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4F9RS/APRS OR 4F9RT/4FPRT UTCS. UTC CONTAINS ENHANCED LOGISTICS, VEHICLE MAINTENANCE, AND MEDICAL CAPABILITY. MUST DEPLOY WITH RED HORSE RED HORSE EQUIPMENT UTC TO SUPPORT LEAD C2 ELEMENT (HUB) OFA DEPLOYED RH SQUADRON RESPONSIBLE FOR MANAGING RH CONSTRUCTION PROJECTS IN A THEATER OF OPERATIONS. MUST BE COMBINED WITH A 4FPRY UTC TO SUPPORT RH BEDDOWN. VEHICLE MAINTENANCE, SERVICES, DESIGN 4P9RY AND ENGINEERING SUPPORT SURVEYING, DRAFTING, AND MATERIAL TESTING CAPABILITIES. REQUIRES A 4PGCP UTC FOR PRECISION SURVEY REQUIREMENTS USING GLOBAL POSTIONING SYSTEM EQUIP. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS, HORIZONT		A 4FPRW TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION OPERATIONS. WHEN COMBINED WITH
 4F9RW 4F9RV/4FPRV 0R 4F9RU/4FPRU UTCS, OR VERTICAL CONSTRUCTION TEAMS 4F9RT/4FPRT 0R 4F9RS/4FPRS UTCS, PROVIDES SUPPLY, SERVICES, MINOR VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE. PROVIDES LIMITED DESIGN AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST COMBINE WITH A 4FPRW AND EITHER PRIMARY 4F9RY AND 4FPRY OR SECONDARY RED HORSE FUUB RED HORSE EQUIPMENT TUT TO SUPPORT SECONDARY C2 ELEMENT FORDEPLOYVED RH SQUADRON. MUST BE COMBINED WITH A 4FPRX TO SUPPORT MANAGING RH CONSTRUCTION PROJECTS IN THEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND EGGINEERING SUPPORT SURVEYING, AND DRAFTING. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS 4F9RV/4FPRV OR 4F9RU/4FPRU UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4F9RS/4FPRS OR 4F9RT/4FRFT UTS. UTC CONTAINS ENHANCED LOGISTICS, VEHICLE MAINTENANCE, AND MEDICAL CAPABILITY. MUST DEPLOY WITH RED HORSE RED HORSE EQUIPMENT UTC TO SUPPORT LEAD C2 ELEMENT (HUB) OFA DEPLOYED RH SQUADRON RESPONSIBLE FOR MANAGING RH CONSTRUCTION PROJECTS IN A THEATER OF OPERATIONS. MUST BE COMBINED WITH A 4FPRY UTC TO SUPPORT RH BEDDOWN. VEHICLE MAINTENANCE, SERVICES, DESIGN A 4PGP UTC FOR PRECISION SURVEY REQUIREMENTS USING GLOBAL POSITIONING SYSTEME EQUIP. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY SOBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING RED HORSE UTC COMMAND AND CONTROLCCI ACTIVITIES FOR 4FPS6, 4F9S6 4FPET, AND 4FPES UTCS. EQUIPMENTS UPPORTS ONE C2 FUNCTION A EACH OPERATING LOCATION IN SUPPORT OF REGIONAL CONTINGENCY OFMAND AND CONTROLCCI ACTIVITES FOR 4FP56, 4FPS56 4FPET, AND 4FPES UTCS. EQUIPMENTS TO SUPPORT FORCE SUNTINAL CONSTRU		ONE OR MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS. HORIZONTALCONSTRUCTION TEAMS
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COMBINE WITH A 4FPRW AND EITHER PRIMARY 4PBY AND 4FPR VOR SECONDARY CED HORSE HUB RED HORSE EQUIPMENT TUT CT OS UPPORT SECONDARY C2 ELEMENT FORDEPLOVED RH SQUADRON. MUST BE COMBINED WITH A 4FPRX TO SUPPORT SECONDARY C2 ELEMENT FORDEPLOVED RH SQUADRON. MUST ENGINEERING SUPPORT SURVEYING, AND DRAFTING. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS 4P9RV/4PPRV OR 4P9RU/4PRU UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4P9R/4PPRV OR DEPLOY WITH RED HORSE RED HORSE EQUIPMENT UTC TO SUPPORT LEAD C2 ELEMENT (HUB) OFA DEPLOYWITH RED HORSE RED HORSE EQUIPMENT UTC TO SUPPORT LEAD C2 ELEMENT (HUB) OFA DEPLOYED RH SQUADRON RED HORSE EQUIPMENT UTC TO SUPPORT RH BEDDOWN. VEHICLE MAINTENANCE, SERVICES, DESIGN 4F9RY AND ENGINEERING SUPPORT SURVEYING, DRAFTING, AND MATERIAL TESTING CAPABILITIES. REQUIRES A 4F9GP UTC FOR PRECISION SURVEY REQUIREMENTS USING GLOBAL POSITIONING SYSTEM EQUIP. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS 0BTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS ENGINEER FORCE EQUIPMENT SET TO SUPPORT COMMAND AND		PROVIDES LIMITED DESIGN AND ENGINEERING SUPPORT SURVEYING, DRAFTING CAPABILITY. MUST
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 BE COMBINED WITH A 4PPRX TO SUPPORT MANAGING RH CONSTRUCTION PROJECTS IN THEATER OF OPERATIONS. CAPABLE OF RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND ENGINEERING SUPPORT SURVEYING, AND DRAFTING. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS 4F9RV/4FPRV OR 4F9RU/4FPRU UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4F9RS/4RPRS OR 4F9RT/4FPRT UTCS. UTC CONTAINS ENHANCED LOGISTICS, VEHICLE MAINTENANCE, AND MEDICAL CAPABILITY. MUST DEPLOY WITH RED HORSE RED HORSE EQUIPMENT UTC TO SUPPORT LEAD C2 ELEMENT (HUB) OFA DEPLOYED RH SQUADRON RESPONSIBLE FOR MANAGING RH CONSTRUCTION POECTS IN A THEATER OF OPERATIONS. MUST BE COMBINED WITH A 4FPRY UTC TO SUPPORT RH BEDDOWN. VEHICLE MAINTENANCE, SERVICES, DESIGN 4F9RY AND ENGINEERING SUPPORT SURVEYING, DRAFTING, AND MATERIAL TESTING CAPABILITIES. REQUIRES A 4F9GP UTC FOR PRECISION SURVEY REQUIREMENTS USING GLOBAL POSITIONING SYSTEM EQUIP. HORIZONTAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS ENGINEER FORCE EQUIPMENT SET TO SUPPORT SOME C2 FUNCTION AT EACH OPERATING LOCATION IN SUPPORT OF REGIONAL CONTINGENCIES OR NATURAL DISASTERS DURING WARTIME OR STABILITY PROVIDES EQUIPMENT FOR ACTIVE CBRN RESPONSE CAPABILITIES TOCONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIAL CHEMICAL/MATERIAL AND DOWNWIND HAZARDANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT, NOVESTIGATION, UNKNOWN SUBSTANCE RESPONSE AND EMERGENCY OPERATIONS CENTER EMERGENCY SUPPORT FUNCTION 5 (EMERGENCY MANAGEMENT) AND 10 (HAZMATOPS) CAPABILITIES. PROVIDES PRELIMINARY VAPOR/AEROSOL AND PROVIDES INSTALLATION HOME STATION CERN EQUIPMENT TO SUPPORT FUNCTION 5 (EMERGENCY MANAGEMENT) AND 10 (HAZMATOPS) CAPABILITIES. PROVIDES ABILITY AND CRITICAL MISSION CONTINUATION RESPONS		RED HORSE EQUIPMENT UTC TO SUPPORT SECONDARY C2 ELEMENT FORDEPLOYED RH SQUADRON. MUST
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MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS. HORIZONTAL CONSTRUCTION TEAMS ENGINEER FORCE EQUIPMENT SET TO SUPPORT COMMAND AND CONTROL(C2) ACTIVITIES FOR 4FPS6, 4F986 4FPET, AND 4FPES UTCS. EQUIPMENTSUPPORTS ONE C2 FUNCTION AT EACH OPERATING LOCATION IN SUPPORT OF REGIONAL CONTINGENCIES OR NATURAL DISASTERS DURING WARTIME OR STABILITY PROVIDES EQUIPMENT FOR ACTIVE CBRN RESPONSE CAPABILITIES TOCONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIAL CHEMICAL/MATERIAL AND DOWNWIND HAZARDANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, UNKNOWN SUBSTANCE RESPONSE AND EMERGENCY OPERATIONS CENTER EMERGENCY SUPPORT FUNCTION 5 (EMERGENCY MANAGEMENT) AND 10 (HAZMAT OPS) CAPABILITES. PROVIDES PRELIMINARY VAPOR/AEROSOL AND PROVIDES INSTALLATION HOME STATION CBRN EQUIPMENT TO SUPPORT FORCE SURVIVABILITY AND CRITICAL MISSION CONTINUATION RESPONSE CAPABILITIES. PROVIDES ABILITY TO CONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND 4F9WM DOWNWIND HAZARD ANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND OWNWIND HAZARD ANALYSIS, INITIAL		HORIZON TAL/VERTICAL CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR
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 4F936 4F9ET, AND 4FPES UTCS. EQUIPMENTSUPPORTS ONE C2 FUNCTION AT EACH OPERATING LOCATION IN SUPPORT OF REGIONAL CONTINGENCIES OR NATURAL DISASTERS DURING WARTIME OR STABILITY PROVIDES EQUIPMENT FOR ACTIVE CBRN RESPONSE CAPABILITIES TOCONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIAL CHEMICAL/MATERIAL AND DOWNWIDD HAZARDANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, UNKNOWN SUBSTANCE RESPONSE AND EMERGENCY OPERATIONS CENTER EMERGENCY SUPPORT FUNCTION 5 (EMERGENCY MANAGEMENT) AND 10 (HAZMAT OPS) CAPABILITES. PROVIDES PRELIMINARY VAPOR/AEROSOL AND PROVIDES INSTALLATION HOME STATION CBRN EQUIPMENT TO SUPPORT FORCE SURVIVABILITY AND CRITICAL MISSION CONTINUATION RESPONSE CAPABILITIES. PROVIDES ABILITY TO CONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND 4F9WM 4F9WM DOWNWIND HAZARD ANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, AND UNKNOWN SUBSTANCE RESPONSE. PROVIDES PRELIMINARY VAPOR/AEROSOL ANDDUNKNOWN SUBSTANCE RESPONSE. PROVIDES PRELIMINARY VAPOR/AEROSOL ANDSOLID/LIQUID DETECTION; HAZARD MODELING WITH COMMON OPERATING PICTURE INPUTS; HAZARD INVESTIGATION AND PROVIDES CBRN DETECTION EQUIPMENT FOR WARNING AND NOTIFICATION CAPABILITIES TO BASES SUPPORTING MAJOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES. BEOURES 	4000	ENGINEER FORCE EQUIPMENT SET TO SUPPORT COMMAND AND CONTROL(C2) ACTIVITIES FOR HEPSO,
SUPPORT OF REGIONAL CONTINGENCIES OR NATURAL DISASTERS DURING WARTINE OR STABILITY PROVIDES EQUIPMENT FOR ACTIVE CBRN RESPONSE CAPABILITIES TOCONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIAL CHEMICAL/MATERIAL AND DOWNWIND HAZARDANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, UNKNOWN SUBSTANCE RESPONSE AND EMERGENCY OPERATIONS CENTER EMERGENCY SUPPORT FUNCTION 5 (EMERGENCY MANAGEMENT) AND 10 (HAZMAT OPS) CAPABILITES. PROVIDES PRELIMINARY VAPOR/AEROSOL AND PROVIDES INSTALLATION HOME STATION CBRN EQUIPMENT TO SUPPORT FORCE SURVIVABILITY AND CRITICAL MISSION CONTINUATION RESPONSE CAPABILITIES. PROVIDES ABILITY TO CONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND 4F9WM GOUNN SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND 4F9WM MONNWIND HAZARD ANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, AND UNKNOWN SUBSTANCE RESPONSE. PROVIDES PRELIMINARY VAPOR/AEROSOL ANDSOLID/LIQUID DETECTION; HAZARD MODELING WITH COMMON OPERATING PICTURE INPUTS; HAZARD INVESTIGATION AND PROVIDES CBRN DETECTION EQUIPMENT FOR WARNING AND NOTIFICATION CAPABILITIES TO BASES SUPPORTING MAJOR CONT	4F956	4PPEL, AND 4PPES UTCS. EQUIPMENTSUPPORTS ONE CZ FUNCTION AT EACH OPERATING LOCATION IN
 4F9WL 		SUPPORT OF REGIONAL CONTINGENCIES OR NATURAL DISASTERS DURING WARTIME OR STABILITY DROWIDES EQUIDMENT FOR ACTIVE CREDINGE CADA BUT FILES TOCONDUCT INCIDENT COMMAND
4F9WL POST /RESPONSE STAGING AREA ASSESSMENT, IOAIC INDUSTRIAL CHEMICAL/MIATERIAL AND 4F9WL DOWNWIND HAZARDANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, UNKNOWN SUBSTANCE RESPONSE AND EMERGENCY OPERATIONS CENTER EMERGENCY SUPPORT FUNCTION 5 (EMERGENCY MANAGEMENT) AND 10 (HAZMAT OPS) CAPABILITES. PROVIDES PRELIMINARY VAPOR/AEROSOL AND PROVIDES INSTALLATION HOME STATION CBRN EQUIPMENT TO SUPPORT FORCE SURVIVABILITY AND CRITICAL MISSION CONTINUATION RESPONSE CAPABILITIES. PROVIDES ABILITY TO CONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND 4F9WM DOWNWIND HAZARD ANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, AND UNKNOWN SUBSTANCE RESPONSE. PROVIDES PRELIMINARY VAPOR/AEROSOL ANDSOLID/LIQUID DETECTION; HAZARD MODELING WITH COMMON OPERATING PICTURE INPUTS; HAZARD INVESTIGATION AND PROVIDES CBRN DETECTION EQUIPMENT FOR WARNING AND NOTIFICATION CAPABILITIES TO BASES SUPPORTING MAJOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES. REQUIRES		I NOVIDES EQUITIMENT FOR ACTIVE CBRN RESTONSE CALABILITIES FOCONDUCT INCIDENT COMMUNICAD
4F9WL DOWNWIND HAZARDANALTSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EAPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, UNKNOWN SUBSTANCE RESPONSE AND EMERGENCY OPERATIONS CENTER EMERGENCY SUPPORT FUNCTION 5 (EMERGENCY MANAGEMENT) AND 10 (HAZMAT OPS) CAPABILITES. PROVIDES PRELIMINARY VAPOR/AEROSOL AND PROVIDES INSTALLATION HOME STATION CBRN EQUIPMENT TO SUPPORT FORCE SURVIVABILITY AND CRITICAL MISSION CONTINUATION RESPONSE CAPABILITIES. PROVIDES ABILITY TO CONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND 4F9WM GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, AND UNKNOWN SUBSTANCE RESPONSE. PROVIDES PRELIMINARY VAPOR/AEROSOL ANDSOLID/LIQUID DETECTION; HAZARD MODELING WITH COMMON OPERATING PICTURE INPUTS; HAZARD INVESTIGATION AND PROVIDES CBRN DETECTION EQUIPMENT FOR WARNING AND NOTIFICATION CAPABILITIES TO BASES SUPPORTING MAJOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES. FOULIERS		FOST /KESFONSE STADING AKEA ASSESSMENT, TOAIC INDUSTRIAL CHEMICAL/MATERIAL AND DOWNWINT HAZADDANALYSIS, NITTIAL CORDON DEENVITAN, CORDON DEDUCTION/EVDANSION
4F9WN GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, UNKNOWN SUBSTANCE RESPONSE AND EMERGENCY OPERATIONS CENTER EMERGENCY SUPPORT FUNCTION 5 (EMERGENCY MANAGEMENT) AND 10 (HAZMAT OPS) CAPABILITES. PROVIDES PRELIMINARY VAPOR/AEROSOL AND PROVIDES INSTALLATION HOME STATION CBRN EQUIPMENT TO SUPPORT FORCE SURVIVABILITY AND CRITICAL MISSION CONTINUATION RESPONSE CAPABILITIES. PROVIDES ABILITY TO CONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND 4F9WM DOWNWIND HAZARD ANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, AND UNKNOWN SUBSTANCE RESPONSE. PROVIDES PRELIMINARY VAPOR/AEROSOL ANDSOLID/LIQUID DETECTION; HAZARD MODELING WITH COMMON OPERATING PICTURE INPUTS; HAZARD INVESTIGATION AND PROVIDES CBRN DETECTION EQUIPMENT FOR WARNING AND NOTIFICATION CAPABILITIES TO BASES SUPPORTING MAJOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES. REOURES	4F9WL	DOWNWIND HAZAKDANALISIS, INITAL COUTON OSESSMENTE INVESTIGATION, UNZERANSION,
4F9WN AND EMERGENCY OPERATIONS CENTER EMERGENCY SUPPORT FUNCTION 5 (EMERGENCY MANAGEMENT) AND 10 (HAZMAT OPS) CAPABILITES. PROVIDES PRELIMINARY VAPOR/AEROSOL AND PROVIDES INSTALLATION HOME STATION CBRN EQUIPMENT TO SUPPORT FORCE SURVIVABILITY AND CRITICAL MISSION CONTINUATION RESPONSE CAPABILITIES. PROVIDES ABILITY TO CONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND DOWNWIND HAZARD ANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, AND UNKNOWN SUBSTANCE RESPONSE. PROVIDES PRELIMINARY VAPOR/AEROSOL ANDSOLID/LIQUID DETECTION; HAZARD MODELING WITH COMMON OPERATING PICTURE INPUTS; HAZARD INVESTIGATION AND PROVIDES CBRN DETECTION EQUIPMENT FOR WARNING AND NOTIFICATION CAPABILITIES TO BASES 4F9WN SUPPORTING MAJOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES. REOURES		GROUND SURVEY ASSESSMENT, STIE/FACILITY ASSESSMENT-INVESTIGATION, UNKNOWN SUBSTANCE
MANAGEMENT) AND 10 (HAZMAT OPS) CAPABILITES. PROVIDES PRELIMINARY VAPOR/AEROSOL AND PROVIDES INSTALLATION HOME STATION CBRN EQUIPMENT TO SUPPORT FORCE SURVIVABILITY AND CRITICAL MISSION CONTINUATION RESPONSE CAPABILITIES. PROVIDES ABILITY TO CONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND 4F9WM DOWNWIND HAZARD ANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, AND UNKNOWN SUBSTANCE RESPONSE. PROVIDES PRELIMINARY VAPOR/AEROSOL ANDSOLID/LIQUID DETECTION; HAZARD MODELING WITH COMMON OPERATING PICTURE INPUTS; HAZARD INVESTIGATION AND PROVIDES CBRN DETECTION EQUIPMENT FOR WARNING AND NOTIFICATION CAPABILITIES TO BASES SUPPORTING MAJOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES. REQUIRES		RESPONSE AND EMERGENCY OPERATIONS CENTER EMERGENCY SUPPORT FUNCTION 5 (EMERGENCY
AF9WN ACRESSING TALLATION HOME STATION CBAN EQUIPMENT TO SUPPORT FORCE SURVIVABILITY AND CRITICAL MISSION CONTINUATION RESPONSE CAPABILITIES. PROVIDES ABILITY TO CONDUCT INCIDENT COMMAND POST /RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIALCHEMICAL/MATERIAL AND DOWNWIND HAZARD ANALYSIS, INITIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, AND UNKNOWN SUBSTANCE RESPONSE. PROVIDES PRELIMINARY VAPOR/AEROSOL ANDSOLID/LIQUID DETECTION; HAZARD MODELING WITH COMMON OPERATING PICTURE INPUTS; HAZARD INVESTIGATION AND PROVIDES CBRN DETECTION EQUIPMENT FOR WARNING AND NOTIFICATION CAPABILITIES TO BASES SUPPORTING MAJOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES. REQUIRES		MANAGEMEN 1) AND 10 (HAZMAT OFS) CAPABILITES. PROVIDES PRELIMINARY VAPOR/AEROSOL AND DROVIDES INSTALLATION HOME STATION CREM FOURIEMENT OS UPPORT FOR CE SUBVIA DRI PTV, AND
4F9WN 4		FROWIDES INSTALLATION HOME STATION CORN EQUIPMENT TO SUPPORT FURCE SURVIVABILITT AND
4F9WM 4F9WN 4		CANNAND DOCT DESDONCE STACING ADDA ASSESSMENT TO/CONDICTION DUCT INCIDENT
4F9WM DOWNWIND HAZARD ANALTSIS, INTIAL CORDON DEFINITION, CORDON REDUCTION/EXPANSION, GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT-INVESTIGATION, AND UNKNOWN SUBSTANCE RESPONSE. PROVIDES PRELIMINARY VAPOR/AEROSOL ANDSOLID/LIQUID DETECTION; HAZARD MODELING WITH COMMON OPERATING PICTURE INPUTS; HAZARD INVESTIGATION AND PROVIDES CBRN DETECTION EQUIPMENT FOR WARNING AND NOTIFICATION CAPABILITIES TO BASES SUPPORTING MAJOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES. REQUIRES	4503274	COMMAND 1051 (RESPONDED FROM ORE ASSESSMENT, TOAT UNDUSTRIAL CHEMICAL/MATERIAL AND DOWNWIND HAZARD ANALYSIS INITIAL CORDON DEERNITION. CORDON DEDITION/VENANSIAN
4F9WN SUPPORTING MAJOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES FOULTRS	4F9WW	DO WIN WIND HAZAAD ANAL I SIS, INTITAL CORDON DEFINITION, CORDON REDUCTION/CAPANSION, CRAINE SUBJEV ASSESSMENT STEEZACH ITY ASSESSMENT ENVIRON ATTAIN AND INIVASIAN
4F9WN SUPPORTING MAJOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES REQUIRES		UROUND SURVET ASSESSMENT, STEPACIELT ASSESSMENT-INVESTIGATION, AND UNKNOWN SUBSTANCE BESONSE. DOWIDES DEEL MINADY VADODAEDSOL ANDOUT JOUR DETECTION
4F9WN SUPPORTING MAJOR CONTINGENCY OPERATIONS OF ASYMMETRICAL THREATS RESPONSES REQUIRES		SUDSTAINCE RESPONSE, FROVIDES PRELIMINARY I VAPORAEROSOL ANDSOLID/LIQUID DETECTION;
4F9WN SUPPORTING MAJOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES REQUIRES		ITAZAND MODELING WITH COMMON OPERATING FICTURE INFUTS, HAZARD INVESTIGATION AND PROVIDES CRRN DETECTION FOLIDMENT FOR WARNING AND NOTIFICATION CAPARILITIES TO RASES
	4F9WN	SUPPORTING MAIOR CONTINGENCY OPERATIONS OR ASYMMETRICAL THREATS RESPONSES DECLURES

	PROVIDES ADDITIONAL CBRN EQUIPMENT TO SUPPORT 4F9WN AND 4F9WL UTCS DURING MAJOR
4F9WP	CONTINGENCY OPERATIONS OR NECESSARY EQUIPMENT/SUPPLIES FOR CBRN DETECTION, WARNING
	AND NOTIFICATIONCAPABILITIES TO BASES LOCATED IN MEDIUM- AND LOW-THREAT AREAS. REVIEWED
	PROVIDES INITIAL EQUIPMENT FOR CBRN PERSONNEL DECONTAMINATION CAPABILITY FOR AN
4F9WS	INSTALLATION WITH UP TO 3.300 PERSONNEL. REOUIRES (1) 4F9WL UTC, (1) 4FPWE UTC AND LOCAL
	EMERGENCY MANAGEMENT SUPPORT TEAM AUGMENTATION OF 18 PERSONNEL (6 PER SYSTEM) TO BE
	EOD RESPONSE TEAM SPECIALIZED EQUIPMENT AND EXPLOSIVES REQUIRED IN THE INITIAL EOD
	SUPPORT OF MAJOR COMBAT, CONTINGENCYAND HOMELAND OPERATIONS, EQUIPMENT AND
	EXPLOSIVES LOADED ONVEHICLES PROVIDE A ROLL-ON/ROLL-OFF CAPABILITY CRITICAL TO THE
4F9X1	IMEDIATE PROTECTION OF PERSONNEL AND RESOURCES FROM THE EFFECTS OF EXPLOSIVE HAZARDS.
-	MUNITION ACCIDENTS AND UNEXPLODED ORDNANCES TO INCLUDE IMPROVISED EXPLOSIVE DEVICES.
	PROVIDES LIMITED CAPABILITY TO ASSESS AND MITIGATE CHEMICAL, BIOLOGICAL, RADIOLOGICAL
	NUCLEAR AND EXPLOSIVE THREATS. UTC MUST BE PAIRED WITH (1) UFM3X (1) UFMTB UTCS TO
	EOD SPECIALIZED RESPONSE TEAM EQUIPMENT AND EXPLOSIVES REQUIRED TO PROVIDE BASE
	SUSTAINMENT IN THE SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS
	WHERE EOD CORE UTCS(4F9X1) ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. PROTECTS
4F9X3	PERSONNEL AND RESOURCES FROM THE EFFECTS OF EXPLOSIVE HAZARDS, MUNITIONS, ACCIDENTS AND
	UNEXPLODED ORDNANCE TO INCLUDE IMPROVISED EXPLOSIVE DEVICES PROVIDES LIMITED
	CAPABILITY TO ASSESS DISRUPT NEUTRALIZE OR RENDER SAFE CHEMICAL, BIOLOGICAL
	PROVIDES FOD EQUIPMENT FOR 24-HOUR EMEL OR NUMBER OF DOUTING THE DOBOSION AT HOME STATION
	INSTALLATIONS, SUPPORTS HOMELAND AND FORCE PROTECTION OPERATIONS WHEN PAIRED WITH ONE
4F9X4	4FPXB. ONE 4FPXC. TWO 4FPXDS. AND TWO 4FPXES UTCS. PROVIDES CAPABILITIES TO DETECT. DEFEAT.
	AND RECOVER FROM HAZARDOUS MUNITIONSINCIDENTS/ACCIDENTS ON AND OFF INSTALLATIONS FOR
	MILITARY MUNITIONS AND TERRORIST DEVICES INCLUDING WEAPONS OF MASS DESTRUCTION. IS
	DEPLOYABLE EXPLOSIVE STORAGE MAGAZINE SET USED TO STORE EODDEMOLITION PACKAGES
	REQUIRED IN THE SUPPORT OF MAJOR COMBAT. CONTINGENCY AND HOMELAND OPERATIONS.
4F9X5	MAGAZINE DESIGNED TO SIGNIFICANTLY REDUCE EXPLOSIVE HAZARD CLASS AND OUANTITY DISTANCE
	REQUIREMENTS, USED FOR TEMPORARY EXPLOSIVE STORAGE DURING INITIAL CONTINGENCY
	OPERATIONS UNTIL SITING OF PERMANENTEXPLOSIVE STORAGE AREAS ARE ESTABLISHED MAGAZINES
	EOD VEHICLE SUPPORT PACKAGE COMPLETE WITH ASSOCIATED HAND TOOLS AND SPECIALIZED
	MAINTENANCE EQUIPMENT AS REQUIRED ON THE EQUIPMENT AND SUPPLY LISTING FOR EOD RESPONSE
4F9X6	VEHICLES. ISREQUIRED TO SUPPORT EACH UFM3X UTC TO PROVIDE ROLL-ON/ROLL-OFF CAPABILITY. GPS
	AND COMMUNICATIONS EQUIPMENT MUST BE INSTALLED IN THE UFM3X UTCS TO SUPPORT IMMEDIATE
	EOD OPERATIONSUPON DEPLOYMENT. EOD PERSONNEL MUST HAVE THE ABILITY TO CONDUCT
	ONE EOD ALL-PURPOSE TRANSPORT SYSTEM (ARTS) COMPLETE WITH ASSOCIATED EQUIPMENT. USED TO
	PROVIDE EOD TEAMS A REMOTE VEHICLE FOR LARGE AREA CLEARANCE, BASE RECOVERY, RENDER
4F9X7	SAFE PROCEDURE AND/OR WEAPONS OF MASS DESTRUCTION OPERATIONS WHICH INVOLVE
	UNEXPLODED ORDNANCE, IMPROVISED EXPLOSIVE DEVICES (IED) OR LARGE VEHICLE IEDS. CAN BE
	EMPLOYED IN THE SUPPORT OFMAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS.
	PROVIDES EOD EQUIPMENT REQUIRED TO SUPPORT RECOVERY AND REGENERATION OF STRATEGIC
	BOMBERS AT AUSTERE ALTERNATE RECOVERYBASES (ARB). CONTAINS MINIMUM EQUIPMENT AND
	SUPPLIES TO SUPPORT AIRCRAFT RESPONSE, SPECIAL WEAPON SAFING, AND LIMITED FORCE
4FNRX	PROTECTION CAPABILITIES FOR A PERIOD OF 30 DAYS. FORMS ONE INDEPENDENT EOD BOMBER
	RECOVERY ELEMENT (BRE) WITH MINIMUM DEGRADATION OF CAPABILITY WHEN PAIRED WITH (1)
	4FPXD AND (1) 4FPXE. EOD BRE CAN SUPPORT RECOVERY OF DISABLED AIRCRAFT AT AUSTERE
	AIRFIELDS AND IS SELF-SUSTAINING FOR 10 DAYS ONCE SEPARATED FROM BSART. PERSONNEL UTCS
	PROVIDES OPERATIONS MANAGEMENT SUPPORT TO ESTABLISH, OPERATE, AND SUSTAIN CONTINGENCY
	OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, AND JOINT BASE SUPPORT. AUGMENTS 4FPET
	AND4FPES UTCS TO PROVIDE ADDITIONAL NON-TECHNICAL CONTRACT MANAGEMENT/OVERSIGHT
4FPAK	FORCE MANAGEMENT, WORK ORDER MANAGEMENT, AND SUPPORT FOR C2 DURING RECOVERY
	OPERATIONS FOR BEDDOWN OF AN AVIATION SQUADRON USING EXPEDIENT OR EXISTING FACILITIES AS
	WELL AS SUSTAINMENT SUPPORT OF FACILITIES AND UTILITIES. PERSONNEL WILL DEPLOY WITH
	INDIVIDUAL PROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS AND AMMO, SUBSTITUTIONS
	PROVIDES ADDITIVE MAINTENANCE AND OPERATION SUPPORT FOR MOBILE/FIXED FUEL STORAGE AND
	DISTRIBUTION SYSTEMS TO ESTABLISH, OPERATE, AND SUSTAIN CONTINGENCY OPERATING LOCATIONS,
	AERIAL PORTS, EN ROUTE BASES, AND JOINT BASE SUPPORT. AUGMENTS 4FPET UTC ON AN AS NEEDED
4FPAL	BASIS TO PROVIDE SUPPLEMENTAL BEDDOWN OF AN AVIATION SQUADRON USING EXPEDIENT OR
	EXISTING FACILITIES AS WELL AS SUSTAINMENT SUPPORT OF FACILITIES AND UTILITIES. AUGMENTS
	UTILITIES SYSTEM MAINTENANCE AND SUPPORT FOR WATER AND WASTEWATER SYSTEMS. UTC MUST
	BE SUPPORTED BY ONE 4F9AL UTC. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE
	PROVIDES ENGINEER LOGISTICS SUPPORT FOR MATERIAL ACQUISITION, INVENTORY, AND ISSUE TO
	ESTABLISH, OPEKATE, AND SUSTAIN CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE
4FPAM	BASES, AND JOINT BASE SUPPORT. AUGMENTS 4FPET UTC ON AN AS NEEDEDBASIS TO PROVIDE
	SUPPLEMENTAL BEDDOWN OF AN AVIATION SQUADRON USING EXPEDIENT OR EXISTING FACILITIES AS
	WELL AS SUSTAINMENT SUPPORT OF FACILITIES AND UTILITIES. PERSONNEL WILL DEPLOY WITH

	PROVIDES ESSENTIAL ENGINEERING/OPERATIONS MANAGEMENT FOR BEDDOWN AND SUSTAINMENT TO
	ESTABLISH, OPERATE, AND SUSTAIN CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE
4ED AN	BASES, AND JOINT BASE SUPPORT. AUGMENTS 4FPET UTC ON AN AS NEEDED BASIS TO PROVIDE
4FPAN	SUPPLEMENTAL BEDDOWN OF AN AVIATION SQUADRONUSING EXPEDIENT FACILITIES AS WELL AS
	SUSTAINMENT SUPPORT OF FACILITIES AND UTILITIES. PERSONNEL WILL DEPLOY WITH INDIVIDUAL
	PROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS AND AMMO. FOR EXECUTION AND POSTURING, MAY
	PROVIDES ADDITIVE MAINTENANCE AND OPERATION SUPPORT OF POWER GENERATION AND
	DISTRIBUTION SYSTEMS AND MOBILE/FIXED AIRFIELD ARRESTING SYSTEMS TO ESTABLISH, OPERATE,
4ED A D	AND SUSTAIN CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, AND JOINT BASE
4FPAP	SUPPORT. AUGMENTS 4FPET UTC TO PROVIDE SUPPLEMENTAL BEDDOWN OF AN AVIATION SQUADRON
	USING EXPEDIENT OR EXISTING FACILITIES AS WELL AS SUSTAINMENT SUPPORT OF FACILITIES AND
	UTILITIES. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT AND CLOTHING,
	PROVIDES ADDITIVE MAINTENANCE AND OPERATION SUPPORT FOR MOBILE/FIXED ELECTRICAL
	(HIGH/LOW VOLTAGE) SYSTEMS AND ELECTRICAL EQUIPMENT SUPPORT TO ESTABLISH, OPERATE, AND
	SUSTAIN CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, AND JOINT BASE
4FPAQ	SUPPORT. AUGMENTS 4FPET UTC ON AN AS NEEDED BASIS TO PROVIDE SUPPLEMENTAL BEDDOWN OF AN
	AVIATION SQUADRON USING EXPEDIENT OR EXISTING FACILITIES AS WELL AS SUSTAINMENT SUPPORT
	OF FACILITIES AND UTILITIES. PERSONNEL WILL DEPLOYWITH INDIVIDUAL PROTECTION EQUIPMENT
	PROVIDES ADDITIVE MAINTENANCE AND OPERATION SUPPORT OF MOBILE/FIXED HEATING AND AIR
	CONDITIONING SYSTEMS AND HVAC CONTROLS TO ESTABLISH, OPERATE, AND SUSTAIN CONTINGENCY
4ED A D	OPERATINGLOCATIONS, AERIAL PORTS, EN ROUTE BASES, AND JOINT BASE SUPPORT. AUGMENTS 4FPET
4грак	UTC ON AN AS NEEDED BASIS TO PROVIDE SUPPLEMENTAL BEDDOWN OF AN AVIATION SQUADRON
	USING EXSITING FACILITIES AS WELL AS SUSTAINMENT SUPPORT OF FACILITIES AND UTILITIES.
	PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS,
	PROVIDES ADDITIONAL ROAD AND AIRFIELD PAVEMENT MAINTENANCE AND CONSTRUCTION SUPPORT
	TO ESTABLISH, OPERATE, AND SUSTAIN CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN
AEDAG	ROUTE BASES, AND JOINT BASE SUPPORT. AUGMENTS 4FPET UTC TO PROVIDE BEDDOWN OF AN
4FPA5	AVIATION SQUADRON USING EXPEDIENT OR EXISTING FACILITIES, AS WELL AS SUSTAINMENT SUPPORT
	OF FACILITIES AND UTILITIES. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT
	AND CLOTHING, WEAPONS, AMMO AND PERSONAL TOOL BAG. SUBSTITUTIONS AUTHORIZED FOR
	PROVIDES ADDITIONAL MAINTENANCE AND OPERATION SUPPORT FOR TEMPORARY AND FIXED
	FACILITIES AND INFRASTRUCTURE TO ESTABLISH, OPERATE, AND SUSTAIN CONTINGENCY OPERATING
4ED A T	LOCATIONS, AERIAL PORTS, EN ROUTE BASES, AND JOINT BASE SUPPORT. AUGMENTS 4FPET UTC TO
4FPA1	PROVIDE BEDDOWN OF AN AVIATION SQUADRON USING EXPEDIENT OR EXISTING FACILITIES AS WELL
	AS SUSTAINMENT SUPPORT OF FACILITIES AND UTILITIES. PERSONNEL WILL DEPLOY WITH INDIVIDUAL
	PROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS, AMMO AND PERSONAL TOOL BAG. SUBSTITUTIONS
	PROVIDES ADDITIONAL MAINTENANCE AND OPERATION SUPPORT OF MOBILE/FIXED WATER AND WASTE
	PRODUCTION AND DISTRIBUTION SYSTEMS AND EQUIPMENT TO ESTABLISH, OPERATE, AND SUSTAIN
4FDATI	CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, AND JOINT BASE SUPPORT.
411 AU	AUGMENTS 4FPET UTC ON AN AS NEEDED BASIS TO PROVIDE SUPPLEMENTAL BEDDOWN OF AN
	AVIATION SQUADRON USING EXPEDIENT OR EXISTING FACILITIES AS WELL AS SUSTAINMENT SUPPORT
	OF FACILITIES AND UTILITIES. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT
	PROVIDES CADD, SURVEYING AND CONSTRUCTION MANAGEMENT SUPPORT TO ESTABLISH, OPERATE,
	AND SUSTAIN CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, AND JOINT BASE
4FPAV	SUPPORT. AUGMENTS 4FPET OR 4FPS6 UTCS TO PROVIDE ADDITIONAL SURVEYING, BEDDOWN PLANNING
	DESIGN TEAM AND CONSTRUCTION MANAGEMENT SUPPORT TO BEDDOWN AN AVIATION SQUADRON
	USING EXPEDIENT OR EXSITING FACILITIES AS WELL AS SUSTAINMENT SUPPORT OF FACILITIES AND
	UTILITIES. PERSONNEL WILL DEPLOY WITH INDIVIDUALPROTECTIVE EQUIPMENT AND CLOTHING,
	ENGINEER FORCE MANAGEMENT ASSISTANCE TO PROVIDE UNIFIED COMMAND, WARFIGHTING
	HEADQUARTERS OR COMBINED TASK FORCE AUGMENTATION FOR ENGINEER C2 IN SUPPORT OF
4FPAW	REGIONAL CONTINGENCIES.ALSO PROVIDES ENGINEERING/OPERATIONS MANAGEMENT FOR BASE
	OPERATING SUPPORT FOR BEDDOWN AND SUSTAINMENT TO ESTABLISH, OPERATE, AND SUSTAIN
	CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, AND JOINT BASE SUPPORT.
	AUGMENTS 4FPETUTC TO PROVIDE ADDITIONAL OVERSIGHT AND MANAGEMENT FOR BASEOPERATING
	PROVIDES PEST MANAGEMENT OPERATION SUPPORT TO ESTABLISH, OPERATE, AND SUSTAIN
	CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES AND JOINT BASE SUPPORT.
4FPAX	AUGMENTS 4FPET UTC TO PROVIDE PEST MANAGEMENT BEDDOWN SUPPORT OF AN AVIATION
	SQUADRON USING EXPEDIENT OR EXISTING FACILITIES AS WELL ASSUSTAINMENT SUPPORT OF
	FACILITIES AND UTILITIES. UTC MUST BE SUPPORTED BY ONE 4F9EE UTC TO PROVIDE CONTROL FOR
	HAZARDOUS INSECT, RODENT, AND ANIMAL SPECIES, PERSONNEL WILL DEPLOYWITH INDIVIDUAL
	MCF PERSONNEL FOR LEAD COMMAND AND CONTROL ELEMENT (HUB) TOMANAGE CONSTRUCTION
	PROJECTS. CAPABLE OF MANAGING OPEKATIONS TO BEDDOWN INITIAL FORCES IN CONTINGENCY
4500.0	ENVIRONMENT, VARIOUS OPERATIONS IN SUPPORT OF OPEN THE BASE, EAERLISE RELATED
4FPB2	CONSTRUCTION, DESIGN AND ENGINEERING, SUPPORT SURVEYING AND DRAFTING. CONSTRUCTION
	CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING MCF UTCS; MCF EN
	CONSTRUCTION TEAMS (4FPB4) (HORIZONTAL) AND 4FPB3 (VERTICAL) OR 4FPET, PLUS REQUIRED
	LEQUIPMENT UTCS 4F9B4 (HORIZONTAL EQUIPMENT), 4F9B3 (VERTICAL EQUIPMENT), OK 4F9B5 (K-SPAN), MCE BASIC (VERTICAL) ENG TASK FORCE CARABLE OF CONDUCTING VAPIOUS OPEN IN SUPPORT OF OPEN
	MCF BASIC (VERTICAL) ENGTABLE OF CONDUCTING VARIOUS OFS IN SUFFORT OF OFEN
	THE DADE, EALERCIDE RELATED CONSTRUCTION, DEDIUM AND ENGINEERING SUPPORT SURVEYING, AND DD AETING DUIL DING DADTNEDSUID. HTMANITADIAN (AND/OD ODED ATTOLAL MISCIONE WITHIN)
	ELICOM/AEDICOM THE ATE DO CODE DO CUIDES CONSTRUCTION OF EVENTIONALVISSIONS WITHIN
4EDD 2	COMPACTION THEATER OF OLD, I ROY DES CONSTRUCTION OF EAPEDITIONART FOLDED AND SEAMED (K. SDAN) TYDE FACILITIES IE TARKED WITH LITC AEGDA (LIODIZONTAL). AEDET AND AEGDE K. ODAN
46683	DEGINED (R-STAIN) ITTE FACILITIES IF TASKED WITH UTU 4F9D4 (HUKIZUNTAL), 4FPET AND 4F9BF K-SPAN.
	ALL HEAVI EQUIP/CONSTRUCTION MATERIAL TO INCLUDE ONE 25 TON CRAINE MUST BE PROCURED
	CONSTRUCTION CAN DROUTE SHALL HODIZONTAL CONSTRUCTION TO CARRY OUT K-SPAN
	UUNSTRUCTION, CAN PROVIDE SMALL HORIZONTAL CONSTRUCTION A BUTTED ADDRESS WHEN TASKED WITH
L	1010 4F9D4, WHICH INCLUDES LIMITED HORIZONTAL CONSTRUCTION, LIMITED AIRFIELD DAMAGE

	MCF BASIC (HORIZONTAL) ENG TASK FORCE CAPABLE OF CONDUCTINGVARIOUS OPS IN SUPPORT OF
	OPEN THE BASE, EXERCISE RELATED CONSTRUCTION, DESIGN AND ENGINEERING SUPPORT SURVEYING,
	AND DRAFTING, BUILDING PARTNERSHIPS, HUMANITARIAN AND/OR OPERATIONAL MISSIONS WITHIN
	EUCOM/AFRICOM THEATER OF OPERATION. PROVIDES CONSTRUCTION OF K-SPAN TYPE FACILITIES IF
4FPB4	TASKED WITH LITC 4F9B5 (K-SPAN) ALL HEAVY FOULP/CONSTRUCTION MATERIAL TO INCLUDE 25 TON
11104	OR AND MILLED ROCALDED LOCALDED VIA ANTICAL CONTRACTS OF SOURCED AT THE DEDLOVED
	CRANE MUST BE PROCEED DOCALL I VIA RENTAL CONTRACTS OR SOURCED AT THE DEPLOTED
	LOCATION TO CARRY OUT K-SPAN CONSTRUCTION. CAN PROVIDE SMALL HORIZONTAL CONSTRUCTION
	CAPABILITIES WHEN TASKED WITH UTC 4F9B4, WHICH INCLUDES LIMITED VERTICAL CONSTRUCTION,
	LIMITED AIRFIELD DAMAGE REPAIR.AND LIMITED EARTHWORK. ALSO CAN PROVIDE SMALL VERTICAL
	PROVIDES INITIAL BEDDOWN PLANNING AND C2 TO SUPPORT BARE BASE AND FORWARD OPERATING
	LOCATIONS FOR FOLLOW-ON SUSTAINMENT. ONE C2 TEAM IS REQUIRED FOR THREE OR MORE 4FPET
4FPES	UTCS. CAN FLOW WITH WING LEADERSHIP AS PART OF THE C2 FORCE MODULE OR STAND-ALONE TO
	SUPPORT ENGINEER CONTINGENCY OPERATIONS, PERSONNEL WILL DEPLOY WITH INDIVIDUAL
	PROTECTIVE FOURPMENT AND CLOTHING WEAPONS AND AMMO 32F3X POSITIONS CAN BE FILLED BY
	BASIC ENGINEER FORCE TO ESTABLISH. OPERATE AND SUSTAIN CONTINGENCY OPERATING LOCATIONS.
	AFRIAL PORTS EN ROUTE RASES JOINT RASE OPERATING SUPPORT REQUIREMENTS AND NATURAL
	Advise FORTS, EFROUTE DALES, JOINT DALE OF ANTING SOFTOKT ALQUINEMENTS, AND MATCHAE
	DISASTER RECOVERT AND RESPONSE. WHEN COMBINED WITH TWO ADDITIONAL 4FPET UTCS, ONE 4FPES
4FPET	UTC, THREE 4FPAN UTCS, ONE 4FPSA UTC, ONE 4FPSB UTC, ONE 4FPAX UTC, AND TWO 4FPAM UTCS
	PROVIDES BEDDOWN AND SUSTAINMENT FOR UP TO 1100 PERSONNEL AND A LEAD AVIATION SQUADRON
	USING EXPEDIENT OR EXISTING FACILITIES. MUSTBE SUPPORTED BY ONE 4F9ET UTC, TWO 4F9EF UTCS,
	ONE 4F9EH UTC, ONE 4F9EE UTC, ONE 4F9ER UTC, AND TWO 4F9AP UTCS. PERSONNEL WILL DEPLOY WITH
	INDIVIDUAL PROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS AND AMMO, 32E3X POSITION CAN BE
	PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND
	FIREFIGHTERS WHEN COMBINED WITH A 4FPFN, 4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE,
	FOLLOW-ON OR OTHER MAJOR COMBAT OPERATIONS OR MISSIONS AT CONTINGENCY OPERATING
	LOCATIONS AFRIAL PORTS EN ROUTE BASES OR CRITICAL STATESIDE BASES PROVIDES FIRE
4FPFF	EMEDGENCY SERVICES MANAGEMENT OVER SIGHT INCLUDING TRAINING AND DOVIDES SENIOR
	EMERGENER A SUCCES MARAGEMENT OVERSIGNT INCLUDING TRAINING, AND FROVIDES SERVICE
	LEADERSHIP AD VICE ON VITAL INFORMATION FOR MINIMIZING LOSS OF LIFE, PROPERTY DAMAGE, AND
	LIMITING DAMAGE FROM FIRE THAT WOULD SERIOUSLY DEGRADE MISSION CAPABILITY. WHEN
	COMBINED WITH A 4FPFN UTC. IS CAPABLE OF PROVIDING 24-HOUR EMERGENCY OPERATIONS CENTER
	PROVIDES FIRE INSPECTION AND PREVENTION CAPABILITY IN SUPPORT OF OPERATIONS AT A BARE
	BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY
	OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR OTHER STATESIDE BASES. TEAM IS
4EDEC	CAPABLE OF PROVIDING ECS FIRE INSPECTIONS AND LIMITED FIRE PREVENTION FUNCTIONS TO
4FPFG	INCLUDE: HAZARD ASSESSMENTS, PUBLIC FIRE SAFETY EDUCATION AND OPERATIONAL REVIEW OF
	FACILITY PLANS, PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT AND PERSONAL
	PROTECTIVE EQUIPMENT, WEAPONS AND AMMO SKILL EVEL SUBSTITUTION IS NOT AUTHORIZED
	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES
	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF
	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE. CO-LOCATED OPERATING BASE. FORWARD OPERATING LOCATION OR
	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS AFRIAL PORTS EN ROUTE BASES OR CRITICAL
/EDEI	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES, TEAM IS CAPABLE OF PROVIDING 24 HOUR FIRE GROUND INCIDENT C2 FOR AIRCPAFT
4FPFJ	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL POLIAND MUNITIONS FIRE SUPPORTS AND DESCUDAND DESCRIPTIONS AT A SO
4FPFJ	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO
4FPFJ	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION
4FPFJ	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 459FJ UTC. PERSONNEL WILL DEPLOY WITH INDIVIDUAL
4FPFJ	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 4F9FJ UTC. PERSONNEL WILL DEPLOY WITH INDIVIDUAI PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND
4FPFJ	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 4F9FJ UTC. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND FIREFIGHTERS WHEN COMBINED WITH A 4FPFF,4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE
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4FPFJ 4FPFN	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 4F9FJ UTC. PERSONNEL WILL DEPLOY WITH INDIVIDUAI PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND FIREFIGHTERS WHEN COMBINED WITH A 4FPFF, 4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE FORWARD OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSIONS AT CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, ORCRITICAL STATESIDE BASES. PROVIDES
4FPFJ 4FPFN	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 4F9FJ UTC. PERSONNEL WILL DEPLOY WITH INDIVIDUAI PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND FIREFIGHTERS WHEN COMBINED WITH A 4FPFF,4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE FORWARD OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSIONS AT CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, ORCRITICAL STATESIDE BASES. PROVIDES SENIOR LEADERSHIP ADVICEON VITAL INFORMATION FOR MINIMIZING LOSS OF LIFE, PROPERTY
4FPFJ 4FPFN	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 4F9FJ UTC. PERSONNEL WILL DEPLOY WITH INDIVIDUAI PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND FIREFIGHTERS WHEN COMBINED WITH A 4FPFF,4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE FORWARD OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSIONS AT CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, ORCRITICAL STATESIDE BASES. PROVIDES SENIOR LEADERSHIP ADVICEON VITAL INFORMATION FOR MINIMIZING LOSS OF LIFF, PROPERTY DAMAGE, AND LIMITING DAMAGE FROM FIRE THAT WOULD SERIOUSLY DEGRADE MISSION CAPABILITY.
4FPFJ 4FPFN	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 4F9FJ UTC. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND FIREFIGHTERS WHEN COMBINED WITH A 4FPFF,4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE FORWARD OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSIONS AT CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, ORCRITICAL STATESIDE BASES. PROVIDES SENIOR LEADERSHIP ADVICEON VITAL INFORMATION FOR MINIMIZING LOSS OF LIFE, PROPERTY DAMAGE, AND LIMITING DAMAGE FROM FIRE THAT WOULD SERIOUSLY DEGRADE MISSION CAPABILITY. WHEN COMBINED WITH A 4FPFF UTC INCLOSATION FOR SERIOUSLY DEGRADE MISSION CAPABILITY.
4FPFJ 4FPFN	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 459FJ UTC. PRESONNEL WILL DEPLOY WITH INDIVIDUAL PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND FIREFIGHTERS WHEN COMBINED WITH A 4FPFF,4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE FORWARD OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSIONS AT CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, ORCRITICAL STATESIDE BASES. PROVIDES SENIOR LEADERSHIP ADVICEON VITAL INFORMATION FOR MINIMIZING LOSS OF LIFE, PROPERTY DAMAGE, AND LIMITING DAMAGE FROM FIRE THAT WOULD SERIOUSLY DEGRADE MISSION CAPABILITY. WHEN COMBINED WITH A 4FPFF UTC ISCAPABLE OF PROVIDING 24-HOUR EMERGENCY OPERATIONS PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR
4FPFJ 4FPFN	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4FPFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATION S, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 4F9FJ UTC. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND FIREFIGHTERS WHEN COMBINED WITH A 4FPFF, 4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE FORWARD OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSIONS AT CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, ORCRITICAL STATESIDE BASES. PROVIDES SENIOR LEADERSHIP ADVICEON VITAL INFORMATION FOR MINIMIZING LOSS OF LIFE, PROPERTY DAMAGE, AND LIMITING DAMAGE FROM FIRE THAT WOULD SERIOUSLY DEGRADE MISSION CAPABILITY. WHEN COMBINED WITH A 4FPFF UTC ISCAPABLE OF PROVIDING 24-HOUR EMERGENCY OPERATIONS PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR PROVIDES STAFFING FOR ONE RAPID RE-SUPPLY WATER TENDER AND FIRE ALARM COMM IN SUPPORT O
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4FPFJ 4FPFN 4FPFP 4FPJ1 4FPJ3	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4PFPF UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 4F9FJ UTC. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND FIREFIGHTERS WHEN COMBINED WITH A 4F9FF.4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE FORWARD OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSIONS AT CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, ORCRITICAL STATESIDE BASES, PROVIDES SENIOR LEADERSHIP ADVICEON VITAL INFORMATION FOR MINIMIZING LOSS OF LIFE, PROPERTY DAMAGE, AND LIMITING DAMAGE FROM FIRE THAT WOULD SERIOUSLY DEGRADE MISSION CAPABILITY. WHEN COMBINED WITH A 4FPFF UTC ISCAPABLE OF PROVIDING 24-HOUR EMERGENCY OPERATIONS PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR PROVIDES 25TAFFING FOR ONE RAPID RE-SUPPLY WATER TENDER AND FIRE ALARM COMM IN SUPPORT O MAJOR COMBAT OR CONTINGENCY OPERATIONS AT A BARE BASE, FORWARD OPERATING LOCATION, AERIAL PORT, EN ROUTE BASES, OR CRITICALSTATESIDE BASES, STYPE OF ACFT DETERMINES AMOUNT OI FIRE SUPPRESSION AGENT REQUIRED (IN GALS). ONE 4FPFF J AND ONE 4FPFN UTC IS REQUIRED CAPABLE OF PROVIDING 24-HOUR CRASH RESCUE/FIRE SUPPRESSION SERVICE AND FIRE GROUND C2. ALSO PROVIDES LIMITED TOPATORY FOR STRUCTURAL, POL, AND MUNITIONS FIRES. HAZMAT RESPONSE CAPABLITY IS UTHED TO HAZMAT DEFENSIVE OPS ONLY. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE CIVIL ENGINEER SPECIAL OPERATIONS FORCE (SOF) QUICK RESPONSE TEAM TO PROVIDE
4FPFJ 4FPFN 4FPFP 4FPJ1 4FPJ3	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4PFPF UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 4F9F1 UTC. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND FIREFIGHTERS WHEN COMBINED WITH A 4FPFF,4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE FORWARD OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSIONS AT CONTINGENCY OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSIONS AT CONTINGENCY OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSION CAPABILITY. DAMAGE, AND LIMITING DAMAGE FROM FIRE THAT WOULD SERIOUSLY DEGRADE MISSION CAPABILITY. WHEN COMBINED WITH A 4FPFF UTC ISCAPABLE OF PROVIDING 24-HOUR EMERGENCY OPERATIONS PROVIDES STAFFING FOR ONE RAPID RE-SUPPLY WATER TENDER AND FIRE ALARM COMM IN SUPPORT O MAJOR COMBAT OR CONTINGENCY OPERATIONS AT A BARE BASE. FORWARD OPERATING LOCATION, AERIAL PORT, EN ROUTE BASES, OR CRITICALSTATESIDE BASES, OR OPERATING LOCATION, AERIAL PORT, EN ROUTE BASES, OR CRITICALSTATESIDE BASES, TYPE OF ACFT DETERMINES AMOUNT OF FIRE SUPPRESSION AGENT REQUIRED (IN GALS). ONE 4FPFP UTC IS REQUIREDFOR EACH ARFF VEHICLE. WHEN COMBINED WITH A 4FPFP UTCS, ONE 4FPFP UTC IS REQUIREDFOR EACH ARFF VEHICLE. WHEN COMBINED WADDITIONAL 4FPFP UTCS, ONE 4FPFP UTC IS REQUIRED OR EACH ARFF VEHICLE. WHEN COMBINED WADDITIONAL 4FPFP UTCS, ONE 4FPFP UTC IS REQUIREDOR EACH ARFF VEHICLE. WIELD ENDORY DAGENT REQUIRED IN GALS). ONE 4FPFP UTC IS REQUIRED CAPABLE OF PROVIDES STAFFING FOR STRUCTURAL, POTECTIVE SUPPORS
4FPFJ 4FPFN 4FPFP 4FPJ1 4FPJ3	SPECIAL NOTE: POSITION 3E771 REOURES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4PFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE, CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS. UTC MUST BE SUPPORTED BY ONE 499F1 UTC. PERSONNEL AND FIREFIGHTERS WHEN COMBINED WITH A 4FPFF,4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE FORWARD OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSIONS AT CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASS, ORCHITCAL STATESIDE BASES. PROVIDES SENIOR LEADERSHIP ADVICEON VITAL INFORMATION FOR MINIMIZING LOSS OF LIFE, PROPERTY DAMAGE, AND LIMITING DAMAGE FROM FIRE THAT WOULD SERIOUSLY DEGRADE MISSION CAPABILITY. WHEN COMBINED WITH A 4FPFF UTC ISCAPABLE OF PROVIDING 24-HOUR EMERGENCY OPERATIONS PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE TRODER AND FIRE ALARM COMM IN SUPPORT O MAJOR COMBAT OR CONTINGENCY OPERATIONS AT A BARE BASE. FORWARD OPERATING SAMOUNT OF FIRE SUPPRESSION AGENT REQUIRED (IN GALS), ONE 4FPFP AND ONE 4FPFN UTC IS REQUIRED CATAINS ANDUTO ADD IN THE BESCUE-FIRE SUPPRESSION SERVICE AND FIRE ALARM COMM IN SUPPORT O FROVIDING 24-HOU
4FPFJ 4FPFN 4FPFP 4FPJ1 4FPJ3	SPECIAL NOTE: POSITION 3E771 REQUIRES MANDATORY DOD FIRE EMERGENCY SERVICES PROVIDES FIRE GROUND/HAZMAT INCIDENT C2 FOR SINGLE OR MULTIPLE 4PFP UTCS IN SUPPORT OF OPERATIONS AT A BARE BASE. CO-LOCATED OPERATING BASE, FORWARD OPERATING LOCATION OR OTHER CONTINGENCY OPERATING LOCATIONS, AERIAL PORTS, EN ROUTE BASES, OR CRITICAL STATESIDE BASES. TEAM IS CAPABLE OF PROVIDING 24-HOUR FIRE GROUND INCIDENT C2 FOR AIRCRAFT STRUCTURAL, POL, AND MUNITIONS FIRE SUPPRESSION AND RESCUE OPERATIONS. TEAM IS ALSO CAPABLE OF PROVIDING ECS FIRE PREVENTION FUNCTIONSAND LIMITED FIRE PREVENTION INSPECTIONS, UTC MUST BE SUPPORTED BY ONE 499FJ UTC. PERSONNEL MUL DEPLOY WITH INDIVIDUAL PROVIDES ESSENTIAL FIRE EMERGENCY SERVICES MANAGEMENT FOR WING PERSONNEL AND FIREFIGHTERS WHEN COMBINED WITH A 4FPFF,4FPFJ OR 4FPFP UTC IN SUPPORT OF A BARE BASE FORWARD OPERATINGLOCATION OR OTHER MAJOR COMBAT OPERATIONS MISSIONS AT CONTINGENCY OPERATING LOCATION, AERIAL PORTS, EN ROUTE BASES, ORCRITICAL STATESIDE BASES. PROVIDES SENIOR LEADERSHIP ADVICEON VITAL INFORMATION FOR MINIMIZING LOSS OF LIFE, PROPERTY DAMAGE, AND LIMITING DAMAGE FROM FIRE THAT WOULD SERIOUSLY DEGRADE MISSION CAPABILITY. WHEN COMBINED WITH A 4FPFF UTC ISCAPABLE OF PROVIDING 24-HOUR EMERGENCY OPERATIONS PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR PROVIDES 24-HOUR STAFFING FOR A SINGLE ACT RESCUE FIRE THOHTING (ARFF) VEHICLE OPS OR PROVIDES 24-HOUR STAFFING FOR A SINGLE ACT RESCUE FIRE TONDER AND OPERATIONS PROVIDES 24-HOUR STAFFING FOR A SINGLE ACFT RESCUE FIRE FIGHTING (ARFF) VEHICLE OPS OR PROVIDES 24-HOUR STAFFING FOR A SINGLE ACT RESCUE FIRE TRODER AND FIRE ALARM COMM IN SUPPORT ON AAIOR COMBAT OR CONTINGENCY OPERATIONS AT A BARE BASE, FORWARD OPERATING LOCATION, AERIAL PORT, EN ROUTE BASES, OR CRITICALSTATESTIBE BASES. TYPE OF ACFT DETERMINES AMOUNTO, AERIAL PORT, EN ROUTE BASES, OR CRITICALSTATESTIBE BASES. TOR A MASIMUM OR CASH REQUIRED (IN GAL
	ENGINEERING FORCE TO GENERATE AND DISTRIBUTE PRIME ELECTRICAL POWER IN SUPPORT OF
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	WARFIGHTING, STABILITY AND SUPPORT OPERATIONS, AND DISASTER RELIEF OPERATIONS; ESTABLISH,
4EDI D	OPERATEAND SUSTAIN MOBILE FIXED AIRFIELD ARRESTING SYSTEMS, CONTINGENCY OPERATING
4FPLB	LOCATIONS, AERIAL PORTS, EN ROUTE BASES AND JOINT BASE SUPPORT. TO PROVIDE ADVICE AND
	TECHNICAL ASSISTANCE IN ALL ASPECTS OF ELECTRICAL POWER AND DISTRIBUTION SYSTEMS. MUST
	BE SUPPORTED BY 4F9EU AND/OR 4F9EV UTC WILL DEPLOY WITH INDIVIDUAL PROTECTIVE FOURMENT
	AIRBORNE/AIR ASSAULT EOD QUICK RESPONSE FORCE THAT CAN BE DELIVERED VIA AIR LAND, AIR
	INSERT AND AIR DROP INTO MODERATETHREAT BARE BASE OR FORWARD OPERATING LOCATIONS.
	PROVIDES EXPEDIENT AIRFIELD ASSESSMENT AND CLEARANCE OF UXOS REQUIRED TO RAPIDLY
4FPRC	ESTABLISH INITIAL AIRFIELD OPERATIONS AT CAPTUREDOR AUSTERS AIRBASES CAPABLE OF LIMITED
	COLINTER-JED AND FORCE PROTECTION OPERATIONS. TEAM CAN PROVIDE AN INITIAL OPERATIONAL
	CONTREMENDATION FOR A MAXIMUM OF 14 DAVE DECODE FOR LOW ON FOR HITCH AND THE OF EMPIRICAL
	EOD CAFADILLET FOR A MAAIMUM OF 14 DATS BEFORE FOLLOW-ON EOD UTCS (47AA SERIES) BEOLIDED DEDSONNEL ADE SEI E SUSTAINADE E OD 72 UOLDS, DESONNEL WIT DEDI OV WITH DDE
	PROVIDES 24-HOUR STAFFING SELF-SUSTAINABLE FOR VI HOURS, FERSONNEL WILL DEFUGIT WITTER.
	THREAT AT BE OR FOL. PROVIDES LIMITED AIRCREW & FIRE SUPPRESSION CAPABILITY TO SUPPORT
	SINGLE SMALL FRAME FIXED WING OR ROTARY A/C PROVIDES EXPEDIENT ON-SITE AFLD ASSESSMENT
4FPRE	TO RAPIDLY ESTABLISH NITIAL AFLD ORS AT CAPTURED OR REMOTE RASES. RAPIDLY DEPLOYABLE TM
	CADADLE OF CELE STADUISTI MITAL ALLED OF STATUCAT FORED ON REMOTE DASES. KALIDEL DEL COTABLE IM
	CATABLE OF SELF-SUSTAINED OF STOK /2 HOURS. TEAM CAN FROM TROUGHTHAL OF STIRE CATABLETT FOR
	A MAA OF 14 DA 15 BEFORE FOLLOW-ON FIRE UTCS 4F9FF SERIES ARE REQUIRED. FERSONNEL CAN BE DEL WERED VIA AID DOR OD AID INFERTION DEL WERY METHODS EIRFEICUTERS WILL DEPLOY WITH
	DELIVERED VIA AIR DROP OR AIR INSERTION DELIVERY METHODS.FIREFIGHTERS WILL DEPLOY WITH
	<u>SPECIALIZED FIRE EQUIP, PROTECTIVE CLOTHING, WEAPONS & AMMO. ECS IS REQUIRED. REQUIRES J-</u> AIDBODNE/AID ASSAULT CODNI CUICK DESDONSE DEDSONNEL DACK AGE THAT CAN BE DEL IVEDED VIA
	AID I AND AID INSERT AND AID DOOD DOOVIDES I MITED COINTED CRAW DEADE AGENT AND TOYIC
	AIR LAND, AIR INSERT AND AIR DROFT ROUBLES EINTIED COMMERCERIN WARTARE ADEAT AND TOATE
	Industrial citemical force industrial and that had (inc) industrial assessment, beneficial and intervention, and intervention can ability provides can ability to consetuct become become and co
4FPRG	IDENTIFICATION CAPABILITT PROVIDES CAPABILITT TO CONSTRUCT RECORDED AND C2
	OPERATIONS IN A CBRN/TIC/TIM ENVIRONMENT. TEAM CAN PROVIDE AN INITIAL OPERATIONAL CBRN
	CAPABILITY FOR A MAXIMUM OF 14 DATS BEFORE FOLLOW-ON CBRN UTCS ARE REQUIRED. PERSONNEL
	ARE SELF-SUSTAINABLE FOR /2 HRS. PERSONNEL WILL DEPLOY WITH SPECIALIZED INDIVIDUAL
	PROTECTIVE EQUIPMENT AND CLOTHING, TOOL KIT, WEAPONS, ANDAMMO, DEPLOYS TO SUPPORT
	AIR INSERTABLE RED HORSE FERITIS SHALL INCLUE, BUT FOR DE LEMITED THE FOLLOWING.
	INTIAL SITE SURVEY ASSESSMENT (GEOREACT), OLO CLEARING, ASSESS SITE FOR INC. AND THM
ACDDV	RAZARDS; REMOVAL/ DEMOLITION OF OBSTRUCTIONS; EAPEDIENT FORCE PROTECTION CONSTRUCTION; DEDATE A DEFICIE OSUBERCES CODE DUBLES C 120 AND C 12 OPERATIONS, DISTALL EMERCENCY ADDRED D
4FPKK	REPAIR AIRFIELD SURFACES FOR LIMITED C-ISUAND C-1/ OPERATIONS; INSTALL EMERGENCY AIRFIELD
	LIGHTING STSTEM (EALS); TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT
	EVALUATIONS, DEPLOYABLE AIRBORNE RED HORSE PERSONNEL ELEMENT IS 21 PERSONNEL WITH DEOUTIED AFECCACLUETED BELOW DEPSONNEL WILL DEDLOW WITH DIDUULAL DEOTECTIVE
	IREQUIRED AFSCS AS LISTED BELOW, PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE AIRBORNE/AIR ASSAULT RED HORSE TEAM DELIVERED VIA AIR LAND AIR INSERT AND AIR DROP INTO
	MODERATE THREAT BE OR FOLS. UTC WILL HAVE CAPABILITY TO MAKE LIMITED AIRFIELD REPAIRS
	ASSESS SITE FOR CBRN AND TIM HAZARDS IF COMBINED WITH 4F9RE & 4FPRG AND CAPABILITY OF UXO
(EDD)	ICLEARING IF COMBINED WITH 4F9RL & 4FPRC PROVIDES INITIAL SITE SURVEY ASSESSMENT
4FPRI	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH): REMOVAL /DEMOLITION OF OBSTRUCTIONS: INSTALL EXPEDIENT EMERGENCY AIRFIELD
4FPRL	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD I IGHTING SYSTEM: TEST FOR POTABLE WATER SOURCES: AND PERFORM PAVEMENT EVALUATIONS
4FPRL	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 LCODED PERSONNEL WITH PEOLIDED ASSCS. PERSONNEL
4FPRL	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE FOUR AND CLOTHING. TOOL KIT, WE APONS & AMMO
4FPRL	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CARABLE OF SELE SUSTAINED ORS FOR 72 HPS & CAN PROVIDE INITIAL OPERATIONAL CARABILITY
4FPRL	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY. SITE
4FPRL	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING
4FPRL	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. <u>TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY</u> RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT. FIELD ENGINEERING ANDAIRFIELD
4FPRL	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES IS SELESUSTAINING FOR 5 DAYS AND LONGER IE RESUPPLIED
4FPRL 4FPRQ	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. <u>TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY</u> RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE APPRVATED VITOS FOR PRIMARY BEDDOWN C2 HUB AND OR
4FPRL 4FPRQ	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED. CAN REMAIN INDEFINITELY
4FPRL 4FPRQ	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RY UTCS AND
4FPRL 4FPRQ	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INISTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EOUPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL
4FPRL 4FPRQ	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. <u>TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY</u> RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO
4FPRL 4FPRQ	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL SOUTH VERTICAL FRAMES BUILDING CONSTRUCTION. SPECIALIZED UTILITES. AND ELECTRICAL FOR UPENT SET
4FPRL 4FPRQ 4FPRS	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND MINOR RENOVATIONS AND
4FPRL 4FPRQ 4FPRS	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACU HTYREPAIR. MUST BE COMBINED WITH BY VERTICAL CONSTRUCTION SOLUTIONS AND FACU HTYREPAIR.
4FPRL 4FPRQ 4FPRS	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH A VERTICAL CONSTRUCTION EQUIPMENT UTC 4F9HM TO SUPPORT LARGE VERTICAL CONSTRUCTION PROVENT AND FACILITYREPAIR. AND SET OF AND FILTHER
4FPRL 4FPRQ 4FPRS	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. <u>TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY</u> RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH RH VERTICAL CONSTRUCTION EQUIPMENT UTC 4F9HM TO SUPPORT LARGE VERTICAL CONSTRUCTION PROJECTS. MUST COMBINE WITH 4FPRS AND EITHER RED HORSE PERSONNEL UTC TO SUPPORT MEAVY DETICAL CONSTRUCTION EQUIPMENT UTC 4F9HM TO SUPPORT LARGE VERTICAL CONSTRUCTION PROJECTS. MUST COMBINE WITH 4FPRS AND EITHER RED HORSE PERSONNEL UTC TO SUPPORT PROJECTS. MUST COMBINE WITH 4FPRS AND EITHER RED HORSE PERSONNEL UTC TO SUPPORT PROJECTS. MUST COMBINE WITH 4FPRS MUST BE COMBINED WITH REDAVY DETICAL CONSTRUCTION CAPABILITIES. MUST BE
4FPRL 4FPRQ 4FPRS	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. <u>TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY</u> RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH RH VERTICAL CONSTRUCTION EQUIPMENT UTC 4F9HM TO SUPPORT LARGE VERTICAL CONSTRUCTION PROJECTS. MUST BE COMBINED WITH 4FPRS AND EITHER RED HORSE PERSONNEL UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRI AND FINER RED HORSE PERSONNEL UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRT UTC TO SUPPORT VERTICAL TASKS T
4FPRL 4FPRQ 4FPRS	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH RH VERTICAL CONSTRUCTION EQUIPMENT UTC 4F9HM TO SUPPORT LARGE VERTICAL CONSTRUCTION PROJECTS. MUST COMBINE WITH 4FPRS AND EITHER RED HORSE PERSONNEL UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A HPRT UTC TO SUPPORT VERTICAL CONSTRUCTION EQUIPMENT UTC 4F9HM TO SUPPORT LARGE VERTICAL CONSTRUCTION PROJECTS. MUST COMBINE WITH 4FPRS AND EITHER RED HORSE PERSONNEL UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL MUST COMBINE WITH 4FPRS AND EITHER RED HORSE PERSONNEL UT
4FPRL 4FPRQ 4FPRS	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH A HFPRS INTO RECOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH REVETION CAPABILITIES. MUST BE COMBINED WITH RED COMSINED WITH REVERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL TASKS TO INCLUDE LARGE FRAME BUILDING CONSTRUCTION OPERATIONS, AIRFIELD/AIRCRAFT REVETMENT, SPECIALIZED UTILTIES, AND ELECTRICAL FOULPMENT SETUP AND OPERATIONS PERSONNEL CAN INSTALL A MAS STERA 1TC AND
4FPRL 4FPRQ 4FPRS 4FPRS	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH 4 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH REVETICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH RA HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL TASKS TO INCLUDE LARGE FRAME BUILDING CONSTRUCTION OPERATIONS, AIRFIELD/AIRCRAFT REVETMENT, SPECIALIZED UTILITIES. AND ELECTRICAL EQUIPMENT SETUP AND OPERATIONS. PERSONNEL CAN INSTALL A MAAS XFBR4 UTC AND ELECTRICAL EQUIPMENT SETUP AND OPERATIONS. PERSONNEL CAN INSTALL A MAAS XFBR4 UTC AND ELECTRICAL EQUIPMENT SETUP A
4FPRL 4FPRQ 4FPRS 4FPRT	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. <u>TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY</u> RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH A HERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION PROJECTS. MUST COMSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL TASKS TO INCLUDE LARGE FRAME BUILDING CONSTRUCTION OPERATIONS, AIRFIELD/AIRCRAFT REVETMENT, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SETUP AND OPERATIONS. PERSONNEL CAN INSTALL A MAAS XFBR4 UTC AND EALS XFBYC UTC. UTC MUST BE COMBINED WITH RED HORSE VERTICAL CONSTRUCTION FOULDMENTAFFHM UTC FOR MEDILIDY AFTICAL CONSTRUCT
4FPRL 4FPRQ 4FPRS 4FPRS	CLEARING IF COMBINED WITH 4F9R7 & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH REVITCAL CONSTRUCTION EQUIPMENT UTC 4F9HM TO SUPPORT LARGE VERTICAL CONSTRUCTION PROJECTS. MUST COMBINE WITH 4FPRS AND EITHER RED HORSE PERSONNEL UTC TO SUPPORT VERTICAL TASKS TO INCLUDE LARGE FRAME BUILDING CONSTRUCTION OPERATIONS, AIRFIELD/AIRCRAFT REVETMENT, SPECIALIZED UTILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL TASKS TO INCLUDE LARGE FRAME BUILDING CONSTRUCTION OPERATIONS, AIRFIELD/AIRCRAFT REVETMENT, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SETUP AND OPERATIONS. PERSONNEL CAN INSTALL A MAAS XFBR4 UTC A
4FPRL 4FPRQ 4FPRS 4FPRS	CLEARING IF COMBINED WITH 4F9RI & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND BELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH H VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL TASKS TO INCLUDE LARGE FRAME BUILDING CONSTRUCTION OPERATIONS, AIRFIELD/AIRCRAFT REVEMENT, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SETUP AND OPERATIONS. PERSONNEL CAN INSTALL A MAAS XFBR4 UTC AND EALS XFBYC UTC. UTC MUST BE COMBINED WITH RED HORSE VERTICAL CONSTRUCTION EQUIPMENT 4F9HM UTC FOR MEDIUM/LARGE VERTICAL CONSTRUCTION ROSTRUCTION EQUIPMENT 4F9HM UTC FOR MEDIUM/LARGE VERTICAL CONSTRUCTION ROSTRUCTION EQUIPMENT 4F9HM UTC FOR ME
4FPRL 4FPRQ 4FPRS 4FPRT	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. <u>TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY</u> RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH H VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, AND ELECTRICAL EQUIPMENT SETUP AND OPERATIONS. PERSONNEL CAN INSTALL A MAAS XFBR4 UTC AND SUPPORT LARGE VERTICAL CONSTRUCTION PROJECTS. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, AND ELECTRICAL EQUIPMENT SETUP AND OPERAT
4FPRL 4FPRQ 4FPRS 4FPRT	CLEARING IF COMBINED WITH 4F9RJ & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH RH VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST ELECTRICAL EQUIPMENT SETUP AND OPERATIONS. PERSONNEL CAN INSTALL A MAAS XFBR4 UTC AND EALS XFBYC
4FPRL 4FPRQ 4FPRS 4FPRT	CLEARING IF COMBINED WITH 4F9R) & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING IMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH A 4FPRS TO INCLUDE ARABE BUILDING CONSTRUCTION OPERATIONS, AIRFIELD/AIRCRAFT REVETMENT, SPECIALIZED UTILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST EQUIPMENT4F9HM UTC FOR MEDIUM/LARGE VERTICAL C
4FPRL 4FPRQ 4FPRS 4FPRT 4FPRT	CLEARING IF COMBINED WITH 4F9R) & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C 2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH 4 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH H VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUS
4FPRL 4FPRQ 4FPRS 4FPRT 4FPRT	CLEARING IF COMBINED WITH 4F9RU & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SLF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH RVETTICAL CONSTRUCTION EQUIPMENT UTC 4F9HM TO SUPPORT LARGE VERTICALC. ONSTRUCTION PROJECTS. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL TASKS TO INCLUDE LARGE FRAME BUILDING CONSTRUCTION OPERATIONS, AIRFIELD/AIRCRAFT REVETMENT, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SETUP AND OPERATIONS. PERSONNEL CAN STRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RU UTC TO SUPPORT HEAVY
4FPRL 4FPRQ 4FPRS 4FPRT 4FPRU	CLEARING IF COMBINED WITH 4F9RU & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. UCCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4FPRS UTC TO SUPPORT VERTICAL TASKS TO INCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH REVETICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT SMALL HORIZONTAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT SMALL HORZENTAL CONSTRUCTION CAPABILITIES. MU
4FPRL 4FPRQ 4FPRS 4FPRT 4FPRU	CLEARING IF COMBINED WITH 4F9RI & 4FPRC. PROVIDES INITIAL SITE SURVEY ASSESSMENT (GEOREACH); REMOVAL/DEMOLITION OF OBSTRUCTIONS; INSTALL EXPEDIENT EMERGENCY AIRFIELD LIGHTING SYSTEM; TEST FOR POTABLE WATER SOURCES; AND PERFORM PAVEMENT EVALUATIONS. DEPLOYABLE PERSONNEL ELEMENT IS 21 J-CODED PERSONNEL WITH REQUIRED AFSCS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIP AND CLOTHING, TOOL KIT, WEAPONS & AMMO. TEAM CAPABLE OF SELF-SUSTAINED OPS FOR 72 HRS & CAN PROVIDE INITIAL OPERATIONAL CAPABILITY RED HORSE SITE ASSESSMENT ENGINEER FORCE TO PERFORM ADVANCED AIRFIELD SURVEY, SITE LAYOUT AND PLANNING FOR ESTABLISHMENT AND FUTURE DEVELOPMENT OF AN OPERATING LOCATION DURING CONTINGENCIES. CONTAINS SITE DEVELOPMENT, FIELD ENGINEERING ANDAIRFIELD PAVEMENT EVALUATION CAPABILITIES. IS SELF-SUSTAINING FOR 5 DAYS AND LONGER IF RESUPPLIED. WHEN COMBINED WITH RED HORSE 4F9RY/4FPRY UTCS FOR PRIMARY BEDDOWN C2 HUB AND OR 4F9RX/4FPRX UTCS FOR SECONDARY BEDDOWN C2 HUB AND RESUPPLIED, CAN REMAIN INDEFINITELY. CAN PROVIDE ENHANCED MEDICAL CAPABILITY WHEN COMBINED WITH 4F9RX/4FPRX UTCS AND RED HORSE EQUIPMENT UTC TO SUPPORT SMALL CONSTRUCTION FORCEPROVIDING LIMITED VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH 4 4FPRS UTC TO SUPPORT VERTICAL TASKS TO UNCLUDE FRAMES BUILDING CONSTRUCTION, SPECIALIZED UTILITIES, AND ELECTRICAL EQUIPMENT SET UP AND OPERATIONS, EXPEDIENT FACILITY CONSTRUCTION/REPAIR AND MINOR RENOVATIONS AND FACILITYREPAIR. MUST BE COMBINED WITH H VERTICAL CONSTRUCTION CAPABILITIES. MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT PROJECTS. MUST COMBINE WITH 4FPRS AND EITHER RED HORSE PERSONNEL UTC TO SUPPORT HEAVY VERTICAL CONSTRUCTION CAPABILITIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT PROJECTS. ALSO MUST INCLUDE UBM/ABM CONSTRUCTION S, ARIFIELD/AIRCRAFT REVETMENT, SPECIALIZED UTILIES, MUST BE COMBINED WITH A 4F9RT UTC TO SUPPORT VERTICAL CONSTRUCTION CAPABILITIES, MUST EQUIPMENT4FPHM UTC FOR MEDIUMLARGE VERT

	RED HORSE PERSONNEL UTC TO SUPPORT HEAVY HORIZONTAL CONSTRUCTION CAPABILITIES. MUST BE
	COMBINED WITH A 4F9RV UTC TO SUPPORT HORIZONTAL TASKS TO INCLUDE AIRFIELD REPAIR/NEW
	CONSTRUCTION, ASPHALT MILLING/PAVING, CONCRETE REPAIR, HEAVY EARTHWORK INCLUDING
4FPRV	FUEL/MUNITIONS BERMS, ROADS, AND EXPEDIENT AIRSTRIPS AND CERTAIN SPECIAL CAPABILITIES
	QUARRY OPERATIONS, ASPHALT BATCH PLANT OPERATIONS, AND CONCRETE BATCH PLANT
	OPERATIONS. MAY BE COMBINED WITH ANY OF THE RH EQUIPMENT 4F9HA THRU 4F9HL UTCS OR 4F9HS
	UTC. MUST COMBINE WITH EITHER PRIMARY 4F9RY AND 4FPRY UTCS OR SECUNDARY RED HORSE HUB
	RED HORSE PERSONNEL TO AUGMENT LARGE CONSTRUCTION ACTIVITIES. MUST BE COMBINED WITH
	4P9KW UTC TO SUPPORT HORIZONTAL/VERTICAL CONSTRUCTION OPERATIONS. WHEN COMBINED WITH
4FPRW	ONE OR MORE OF THE FOLLOWING RED HORSE UTC COMBINATIONS HORIZONTAL CONSTRUCTION TEAMS
	4P9R V/4PPRV UTC 0K 4P9RU/4PPRU UTCS, OK VERTICAL CONSTRUCTION TEAMS 4P9R1/4PPR1 UTC 0K
	4479/8)/4FFKS UTCS, FROVIDES SUFFET, SERVICES, MINOR VEHICLE AND EQUIPMENT OFERATIONS AND MAINTENANCE ODOVIDES I MITED DESIGNAND ENCINEEDING SUBDADT SUBVEVING, DA AETING
	MAINTENANCE, FROVIDES EIMITED DESIGN AND ENGINEERING SUFFORT SUFFORT SUFFORT SUFFORT SUFFORT ADV DED
	CALABLETT, MOST COMBINE WITTES TO BE SELES ELECTENT ABLE TO DEDEORM C2 ACTIONS AT A
	RED HORSE PERSONNEL TO SUPPORT SECONDARY C2 ELEMENT FOR DEPLOYED RH SQUADRON.
	RESPONSIBLE FOR MANAGING RH CONSTRUCTION PROJECTS IN THEATER OPERATIONS. MUST BE
	COMBINED WITH A 4F9RX TO SUPPORT RH BEDDOWN, VEHICLE MAINTENANCE, SERVICES, DESIGN AND
	ENGINEERING SUPPORT SURVEYING, AND DRAFTING. HORIZONTAL/VERTICAL CONSTRUCTION
4FPRX	CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE OF THE FOLLOWING UTC
	COMBINATIONS: HORIZONTAL CONSTRUCTION TEAMS 4FPRV AND 4F9RV UTCS OR 4FPRU AND 4F9RU
	UTCS AND/OR VERTICAL CONSTRUCTION TEAMS 4FPRS AND 4F9RS UTCS OR 4FPRT AND 4F9RT UTCS. SELF-
	SUFFICIENT AT DEPLOYED SITE FOR FIVE DAYS WHEN COMBINED WITH SITE ASSESSMENT TEAM 4F9RX
	UTC AND LONGER WITH THE ADDITION OF WATER, FUEL. AND SUPPLEMENTAL RATIONS AT POD. WHEN
	RED HORSE PERSONNEL TO SUPPORT LEAD C2 ELEMENT (HUB) OR A DEPLOYED RH SQUADRON
	RESPONSIBLE FOR MANAGING ALL RH CONSTRUCTION PROJECTS. CAPABLE OF RH BEDDOWN, VEHICLE
	MX, SERVICES, AND DESIGN AND ENGINEERING SUPPORT SURVEYING, DRAFTING, AND MATERIAL
(EDD V	TESTING CAPABILITIES. CONSTRUCTION CAPABILITY IS OBTAINED WHEN COMBINED WITH ONE OR MORE
4FPK I	OP THE FOLLOWING RED HURSE UTCS: HORIZONTAL CONSTRUCTION TEAMS 4FPRU AND AFPRU UTCS ON
	4PPKV AND 4P9KV UTCS AND/OK VERTICAL CONSTRUCTION TEAMS 4PPKS AND 4P9KS UTCS OR 4PPKT AND 4P9KT UTCS, SEE SUFFICIENT AT DEPLOYED SITE FOR EVER DAVE WILL SITE
	4479KI UICS, SELF-SUFFICIENT AT DEPLOTED SHE FOR FIVE DATS WHEN COMBINED WITH SHE ASSESSMENT FE AM 4EDDO AND 4E0DO HTCS AND I ONCED WITH THE ADDITION OF WATER FILE. AND
	ASSESSMENT TEAM 4FFKQ AND 4FFKQ UTCS AND CONDER WITH THE ADDITION OF WATER, FUEL, AND
	FIRE PROTECTION FORCE TO PROVIDE COMMAND STAFF AUGMENTATIONIN SUPPORT OF REGIONAL
	CONTINGENCIES OR NATURAL DISASTERS DURING WARTIME OR STABILITY OPERATIONS. UTC MAY BE
4FPS4	AUGMENTED BY ADDITIONAL FIRE UTCS TO SUPPORT STABILITY OPERATIONS. PERSONNEL WILL
	DEPLOY WITH PROTECTIVE EQUIPMENT, WEAPONS AND AMMO UNLESS OTHERWISE DIRECTED.
	SUBSTITUTIONS AUTHORIZED FOR EXECUTION, REPORTING AND POSTURING IAW AFI 10-403. ACS IS
	ENGINEER FORCE TO PROVIDE COMMAND STAFF AUGMENTATION FOR ENGINEER MANAGEMENT,
	TECHNICAL DESIGN, CONSTRUCTION MANAGEMENT, C2 IN SUPPORT OF REGIONAL CONTINGENCIES OR
4FPS6	NATURAL DISASTERS DURING WARTIME OR STABILITY OPERATIONS. UTC MAY BE AUGMENTED BY
	OTHER CIVIL ENGINEER UTCS TO SUPPORT STABILITY OPERATIONS. MUST BE SUPPORTED BY 4F956 UTC
	TO BE FULLY MISSION CAPABLE. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTION EQUIPMENT
	AND CLOTHING, WEAPONS AND AMMO UNLESS OTHERWISE DIRECTED. SUBSTITUTIONS AUTHORIZED ENGINEER FORCE AUGMENTATION TO OPEN ESTABLISH AND OPERATE AIR BASES OR PROVIDE UNIFIED
	COMMAND NUMBERED AIR FORCES ORCOMBINED/JOINT TASK FORCE COMMAND STAFF
	AUGMENTATION FOR ENGINEER MANAGEMENT. TECHNICAL DESIGN. CONSTRUCTION MANAGEMENT. C2
4FPSB	AND REPORTING IN SUPPORT OF REGIONAL CONTINGENCIES, PERSONNEL WILL DEPLOY WITH
	INDIVIDUAL PROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS AND AMMO UNLESS OTHERWISE
	DIRECTED. SUBSTITUTION AUTHORIZED FOR POSTURING AND EXECUTION AS ONE GRADE UP OR ONE
	ENGINEER FORCE SENIOR STAFF MANAGEMENT TO PROVIDE UNIFIED COMMAND, NUMBERED AIR
	FORCES, OR COMBINED/JOINT TASK FORCE COMMAND STAFF MANAGEMENT FOR ENGINEER
4FPSC	MANAGEMENT, TECHNICAL DESIGN, CONSTRUCTION MANAGEMENT, C2 AND REPORTING IN SUPPORT OF
	REGIONAL CONTINGENCIES. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT AND
	CLOTHING, WEAPONS AND AMMO UNLESS OTHERWISE DIRECTED. SUBSTITUTION AUTHORIZED FOR
	ENGINEER FORCE AUGMENTATION TO OPEN, ESTABLISH AND OPERATE AIR BASES OR PROVIDE UNIFIED
(EDCD	COMMAND, NUMBERED AIR FORCES, COMBINED/JOINT LASK FORCE COMMAND STAFF AUGMENTATION
4FPSD	FUK ENGINEEK MANAGEMENT, TECHNICAL DESIGN, CONSTRUCTION MANAGEMENT, CZ AND REPORTING IN SUDDODT OF DECIONAL CONTINCENCIES, DEDSONNEL WILL DEDLOV WITH INDIVIDUAL DECTOTIVE
	IN SULLOT ON TOTAL CONTINUENCIES, LENSONNEL WILL DEPLOT WITH INDIVIDUAL PROTECTIVE
	MANAGES AND SYNCHRONIZES INSTALLATION, WARFIGHTING HEADOUARTERS, COMBINED/JOINT TASK
	FORCE OR MAJOR COMMAND, NATURAL, MAN MADE AND TECHNOLOGICAL DISASTER RESPONSES. CBRN
4FPWB	AND CONVENTIONAL ENEMY/TERRORIST ATTACK, MAJOR ACCIDENT RESPONSES. PERFORMS
	SITUATIONAL ANALYSIS AND PROVIDES RECOMMENDATIONS ON EM AND CBRN PASSIVE DEFENSE
	OPERATIONS. ESTABLISHES CBRN WARNING AND REPORTING ORGANIZATION. AF CBRN/EM LIAISON TO
	JOINT AND COALITION FORCES EMERGENCY OPERATIONS CENTERS. ONE 4FPWBUTC MAY BE REQUIRED
	AT INSTALLATION LEVEL BASED ON FORCE MODULE PACKAGING. REQUIRES ADDITIONAL 4F9W* UTCS
	FOR 24-HR OPERATIONS BASED ON FORCE MODULE PACKAGING, PERSONNEL WILL DEPLOY WITH

	PROVIDES INSTALLATION LEVEL MANAGEMENT OF 4FPWD AND 4FPWE UTCS OR SUPPORTS AIR
	OPERATION CENTER, MAJOR COMMAND, WARFIGHTING HEADQUARTERS OR COMBINED/JOINT TASK
	FORCE EMERGENCY MANAGEMENT/CBRN THREAT HAZARD ANALYSIS. SUPPORTS FULL RANGE OF
	MILITARY OPERATIONS AND RESPONSE TO NATURAL, MAN MADE AND TECHNOLOGICAL DISASTERS,
4FPWC	MAJOR ACCIDENTS AND NATURAL DISASTER OPERATIONS, MANAGES INSTALLATION PRELIMINARY
	RISK/VULNERABILITY ASSESSMENTS AND THREAT ANALYSIS; PLANNING, DETECTION, IDENTIFICATION,
	WARNING AND REPORTING: DECONTAMINATION, AND CONTAMINATION CONTROL OPERATIONS.
	REQUIRES ADDITIONAL 4F9W* UTCS FOR 24-HR OPERATIONS BASED ON FORCE MODULE PACKAGING.
	PROVIDES INSTALLATION LEVEL CBRNE DEFENSE SUPPORTING ACTIVITIES SPANNING THE FULL RANGE
	OF MILITARY OPERATIONS AND RESPONSE TO NATURAL, MAN MADE AND TECHNOLOGICAL DISASTERS,
4FPWD	MAJORACCIDENTS AND NATURAL DISASTERS. ESTABLISHES EMERGENCY OPERATIONS CENTER
	CAPABILITY FOR ALL EMERGENCY SUPPORT FUNCTIONS, PERFORMS EM AND PLANNING AND OPERATES
	THE MOBILE EMERGENCYOPERATIONS CENTER. PROVIDES LIAISON BETWEEN TRIBAL, LOCAL, STATE,
	AND FEDERAL EM OFFICIALS. COMPLEMENTS/SUPPORTS OCONUS COALITION, JOINT, AND HOST NATION
	CONSEQUENCE MANAGEMENT/CBRN FORCES. PROVIDES PRELIMINARY RISK/VULNERABILITY
	ASSESSMENTS, THREAT AND HAZARD ANALYSIS; PLANNING, WARNING AND REPORTING. REQUIRES
	SUPPORTS 4FPWD UTC TO PERFORM INSTALLATION EM FUNCTIONS, EMERGENCY OPERATION CENTER
	AND MOBILE EMERGENCY OPERATION CENTER OPERATIONS. PROVIDES PRELIMINARY
	RISK/VULNERABILITY ASSESSMENTS, THREAT AND HAZARD ANALYSIS; PLANNINNG, WARNING AND
	REPORTING. CONDUCTS CBRN DETECTION, SAMPLE COLLECTION, AND UNKNOWN SUBSTANCE
4FPWE	RESPONSE. PROVIDES ACTIVE CBRN RESPONSE CAPABILITIES TO INCLUDE: INCIDENT COMMAND POST
	CBRN RESPONSE STAGING AREA ASSESSMENT, TOXIC INDUSTRIAL CHEMICAL/MATERIAL
	ANDDOWNWIND HAZARD ANALYSIS, INITIAL CORDON DEFINITION, CORDONREDUCTION/EXPANSION,
	GROUND SURVEY ASSESSMENT, SITE/FACILITY ASSESSMENT/INVESTIGATION, AND UNKNOWN
	MANAGES MAJOR COMMAND, WARFIGHTING HEADQUARTERS OR COMBINED/JOINT TASK FORCE
	RESPONSE AND RECOVERY FROM CBRN AND CONVENTIONAL ENEMY/TERRORIST ATTACKS. CONDUCTS
	EM OF MAJOR ACCIDENT AND NATURAL DISASTER RESPONSE OPERATIONS. PROVIDES SITUATIONAL
4FPWF	ANALYSIS AND ADVICE TO COMAFFOR ON CBRN PASSIVE DEFENSEAND EM. MANAGES AIR COMPONENT
	CBRN WARNING AND REPORTING ORGANIZATIONS. AF CBRN/EM LIAISON TO JOINT AND COALITION
	FORCES EMERGENCY OPERATIONS CENTERS. REQUIRES ADDITIONAL 4F9W* UTCS FOR 24-HR OPERATIONS
	BASED ON FORCE MODULE PACKAGING PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE
	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND
	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE
4FPXB	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL
4FPXB	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL MANAGEMENT. 4FPXB UTC MAY BE LINKED WITH 4FPXG UTC TO FORM AN EOD MANAGEMENT TEAM.
4FPXB	EIGD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL MANAGEMENT. 4FPXB UTC MAY BE LINKED WITH 4FPXG UTC TO FORM AN EOD MANAGEMENT TEAM. PERSONNEL WILL DEPLOY WITH INDIVIDUALPROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS (M4
4FPXB	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL MANAGEMENT. 4FPXB UTC MAY BE LINKED WITH 4FPXG UTC TO FORM AN EOD MANAGEMENT TEAM. PERSONNEL WILL DEPLOY WITH INDIVIDUALPROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS (M4 EOD TEAM LEADERSHIP REQUIRED IN THE SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPER ATIONS. UTC DIVIDUAL MAD AND ADD ADD ADD ADD ADD ADD ADD ADD A
4FPXB 4FPXC	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL MANAGEMENT. 4FPXB UTC MAY BE LINKED WITH 4FPXG UTC TO FORM AN EOD MANAGEMENT TEAM. PERSONNEL WILL DEPLOY WITH INDIVIDUALPROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS (M4 EOD TEAM LEADERSHIP REQUIRED IN THE SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXD (2), 4FPXE, 4F9X1 AND 4F9X3. UTCS PROVIDE FULL EOD DEFENSE OPERATIONS. UTC LINKED WITH 4FPXD (2), 4FPXE, 4F9X1 AND 4F9X3. UTCS PROVIDE FULL EOD
4FPXB 4FPXC	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL MANAGEMENT. 4FPXB UTC MAY BE LINKED WITH 4FPXG UTC TO FORM AN EOD MANAGEMENT TEAM. PERSONNEL WILL DEPLOY WITH INDIVIDUALPROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS (M4 EOD TEAM LEADERSHIP REQUIRED IN THE SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXD (2), 4FPXE, 4F9X1 AND 4F9X3. UTCS PROVIDE FULL EOD ELEMENT CAPABILITY OR CAN AUGEMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH DIDUMUMENT EQUIPMENT.
4FPXB 4FPXC	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL MANAGEMENT. 4FPXB UTC MAY BE LINKED WITH 4FPXG UTC TO FORM AN EOD MANAGEMENT TEAM. PERSONNEL WILL DEPLOY WITH INDIVIDUALPROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS (M4 EOD TEAM LEADERSHIP REQUIRED IN THE SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXD (2), 4FPXE, 4F9X1 AND 4F9X3. UTCS PROVIDE FULL EOD ELEMENT CAPABILITY OR CAN AUGEMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL ECON TEAM DEFENSE
4FPXB 4FPXC	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL MANAGEMENT. 4FPXB UTC MAY BE LINKED WITH 4FPXG UTC TO FORM AN EOD MANAGEMENT TEAM. PERSONNEL WILL DEPLOY WITH INDIVIDUALPROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS (M4 EOD TEAM LEADERSHIP REQUIRED IN THE SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXD (2), 4FPXE, 4F9X1 AND 4F9X3. UTCS PROVIDE FULL EOD ELEMENT CAPABILITY OR CAN AUGEMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL EOD TEAM REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXD (2), 4FPXE, 4F9X1 AND 4F9X3. UTCS PROVIDE FULL EOD ELEMENT CAPABILITY OR CAN AUGEMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL EOD TEAM REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4EOX (0) CAN AUGMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEFENSE
4FPXB 4FPXC	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL MANAGEMENT. 4FPXB UTC MAY BE LINKED WITH 4FPXG UTC TO FORM AN EOD MANAGEMENT TEAM. PERSONNEL WILL DEPLOY WITH INDIVIDUALPROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS (M4 EOD TEAM LEADERSHIP REQUIRED IN THE SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXD (2), 4FPXE, 4F9X1 AND 4F9X3. UTCS PROVIDE FULL EOD ELEMENT CAPABILITY OR CAN AUGEMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL EOD TEAM REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXD (2), 4FPXE, 4F9X1 AND 4F9X3. UTCS PROVIDE FULL EOD ELEMENT CAPABILITY OR CAN AUGEMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL EOD TEAM REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4F9X1 OR CAN AUGMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITHINDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO.
4FPXB 4FPXC 4FPXD	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL MANAGEMENT. 4FPXB UTC MAY BE LINKED WITH 4FPXG UTC TO FORM AN EOD MANAGEMENT TEAM. PERSONNEL WILL DEPLOY WITH INDIVIDUALPROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS (M4 EOD TEAM LEADERSHIP REQUIRED IN THE SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXD (2), 4FPXE, 4F9X1 AND 4F9X3. UTCS PROVIDE FULL EOD ELEMENT CAPABILITY OR CAN AUGEMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL EOD TEAM REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFERSTOR OPERATIONS. UTC LINKED WITH 4F9X1 OR CAN AUGEMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL EOD TEAM REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4F9X1 OR CAN AUGMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITHINDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7 L EVEL TSGT AND ONE 5 L EVEL PEOLUBED AS A MINIMUM SUBSTITITIONS EOD OTHER 5 L EVEL
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4FPXB 4FPXC 4FPXD	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL MANAGEMENT. 4FPXB UTC MAY BE LINKED WITH 4FPXG UTC TO FORM AN EOD MANAGEMENT TEAM. PERSONNEL WILL DEPLOY WITH INDIVIDUALPROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS (M4 EOD TEAM LEADERSHIP REQUIRED IN THE SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXD (2), 4FPXE, 4F9X1 AND 4F9X3. UTCS PROVIDE FULL EOD ELEMENT CAPABILITY OR CAN AUGEMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL EOD TEAM REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4F9X1 OR CAN AUGMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITHINDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL EOD TEAM REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4F9X1 OR CAN AUGMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITHINDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL TSGT AND ONE 5-LEVEL REQUIRED AS A MINIMUM. SUBSTITUTIONS FOR OTHER 5-LEVEL AUTHORIZED FOR EXECUTION, REPORTING AND POSTURING IAW AFI 10-403. 3E831 USED AS EOD ELEMENT ENABLER REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXC, 4FPXD (2), 4F9X1 AND 4F9X3. UTCS TO PROVIDE A FULL FOD ELEMENT CAPABILITY OR CAN AUGMENT EXISTING REQUIREMENTS, PERSONNEL WILL DEPLOY
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4FPXB 4FPXC 4FPXD 4FPXE 4FPXF 4FPXG	EOD SENIOR MANAGEMENT IS REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND OPERATIONS REQUIRED WHERE EOD PERSONNEL AND EQUIPMENT ALREADY EXIST OR ARE SCHEDULED FOR DEPLOYMENT. INDEPENDENTLY PROVIDES FORWARD COMMAND FUNCTIONAL MANAGEMENT. 4FPXB UTC MAY BE LINKED WITH 4FPXG UTC TO FORM AN EOD MANAGEMENT TEAM. PERSONNEL WILL DEPLOY WITH INDIVIDUALPROTECTIVE EQUIPMENT AND CLOTHING, WEAPONS (M4 EOD TEAM LEADERSHIP REQUIRED IN THE SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXD (2), 4FPXE, 4F9X1 AND 4F9X3. UTCS PROVIDE FULL EOD ELEMENT CAPABILITY OR CAN AUGEMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL EOD TEAM REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4F9X1 OR CAN AUGMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL EQUIPMENT OF CLOYE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. ONE 7-LEVEL TSGT AND ONE 5-LEVEL REQUIRED AS A MINIMUM. SUBSTITUTIONS FOR OTHER 5-LEVEL AUTHORIZED FOR EXECUTION, REPORTING AND POSTURING IAW AFI 10-403. 3E831 USED AS EOD ELEMENT ENABLER REQUIRED IN SUPPORT OF MAJOR COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS. UTC LINKED WITH 4FPXC, 4FPXD (2), 4F9X1 AND 4F9X3. UTCS TO PROVIDE A FULL EOD ELEMENT CAPABILITY OR CAN AUGMENT EXISTING REQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. SUBSTITUTIONS AUTHORIZED FOR EXECUTION, REPORTING AND POSTURING IAW AFI 10-403. 3E831 USED AS SUBSTITUIONS AUTHORIZED FOR EXECUTION, REPORTING AND POSTURING IAW AFI 10-403. 3E831 USED AS SUBSTITUTIONS AUTHORIZED FOR EXECUTION, REPORTING AND COMBAT, CONTINGENCY AND HOMELAND DEFENSE OPERATIONS WHERE EOD PERSONNEL AND EQUIREMENTS. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT, CLOTHING, WEAPONS (M4 AND M9) AND AMMO. SUBSTITUTIONS AUTHORIZED
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r	EOD COMMAND AND CONTROL TEAM REQUIRED IN SUBDORT OF MAJOR COMPAT. CONTINGENCY AND
	HOMELAND CONTROL TEAM REQUIRED IN SUPPORT OF MAJOR COMMAN, CONTROL AND HOMELAND EDGENESE OPERATIONS. PROVIDESG-SERIES COMMAND AND ADMINISTRATIVE CONTROL
4FPXH	(ADCON) OF AIR FORCE EOD UNITS SUPPORTING AIR FORCE MISSIONS. PROVIDES LOGISTICAL SUPPORT, TRENDS AND INCIDENT REPORTING ANALISYS. AND STANDARDIZED GUIDANCE FOR OPERATIONS. LONG-
-11 / 11	TERM OR BROAD SCALE OPERATONS MAY REQUIRE A MULTI-DISCIPLINED SUPPORT ELEMENTFOR
	CONTINUED SUPPORT. PERSONNEL WILL DEPLOY WITH INDIVIDUAL PROTECTIVE EQUIPMENT,
	CLOTHING, WEAPONS (M4 AND M9) AND AMMO. THE OFFICER MUST BE EOD-QUALIFIED (GRADUATE OF PROVIDES AM:21 ANDING MAT FOR THE INSTALLATION OF A STANDARD 216 FT X 198 FT AIRCRAFT PAD
	PACKAGE CONSISTS OF 100 BUNDLES AM-2 LANDING MAT, (BUNDLE CONTAINS 4 EA 6' X 2' PANELS, 16 EA
	OF 12' X 2' PANELS), 8 EA (BUNDLES) RAMP ASSY (ASSY CONTAINS 9 EA RAMP ENDS), 120 EDGE CLAMPS,
4FWAM	120 STAKES, 4 EA (F-62) AM-2 COMPONENT CHESTS AND 2 EA (F-61) AM-2 TOOL KITS.EACH 4F9K3, WHICH
	SUPPORTS THIS UTC, WILL BE TASKED TO SUPPORT INSTALLATION OF STANDARD 216 FT X 198 FT (42,768 SE) PADTO SUPPORT PARKING OR TAYIWAY EXPANSION OR REPAIR ON ASPHALT CONCRETE OR
	STABILIZED GROUND. CAPABILITY CAN BE EXTENDED TO ALL AIRCRAFT TYPES: UTC REQUIRES
4FWC2	PROVIDES AUSTERE BASE WITH INITIAL CIVIL ENGINEERING OPERATIONS CAPABILITY. INCLUDES
	TOOLS AND EQUIPMENT ITEMS REQUIRED FOR INITIAL BEDDOWN OPERATIONS. REQUIREMENTS,
	MANAGEMENT, AND ELECTRICAL POWER DISTRIBUTION, AS WELL AS FLIGHTLINE MAINTENANCE
	REQUIREMENTS. ONE PER BEDDOWN TO EXPAND VERTICAL INFRASTRUCTURE. FOR INITIAL SITE
	PREPARATION CABABILITY MUST BE AUGMENTED WITH C.E. MOBILITY EQUIPMENT PACKAGE 4F9EH.
	FACILITATES THE RAPID RESTORATION AND OPENING OF AIRFIELD OPERATING SURFACES WITHIN EIGHT HOURS AFTER ATTACK GIVING COMBATANT COMMANDERS THE ABILITY TO EXECUTE TIMELY AIR
	TASKING ORDERS BY RAPIDLY REPAIRING AND OPENING DAMAGED AIRFIELDS. THIS UTC PROVIDES THE
4FWCR	ABILITY TO REPAIR 3 TO 10 FOOT DIAMETERCRATERS. MULTIPLE UTCS WILL BE REQUIRED BASED UPON
	BATTLE DAMAGE ASSESSMENT OR DIRECTIVE; SINGLE UTC EQUATES TO "SMALL"CAPABILITY (18 CRATERS), (2) EACH LITCS EQUATES TO "MEDIUM" CAPABILITY (54 CRATERS), (5) EACH LITCS EQUATES TO
	"LARGE" CAPABILITY (90 CRATERS) AND (7) EACH UTCS EQUATES TO "VERY LARGE" (126 CRATERS). UTC
	CONTAINS (2) EACH 1K GALLON WATER SKIDS, (2) TRAILER MOUNTED LIGHT CARTS, (1) WALK BEHIND
	PROVIDES INITIAL WRM EOD MINE RESISTANT AMBUSH PROTECTION VEHICLE (MRAP) COUGAR CAT I with associated mission support fourdment (MSE). The four owing mse is general in nature.
	COMMUNICATIONS, BLUE FORCE TRACKER, COUNTER RADIO-CONTROLLED-IED ELECTRONIC WARFARE
	(CREW), OFF ROAD SURVIVAL TOOL KIT AND MISCELLANEOUS SUPPORT EQUIPMENT. REQUIRES
4FWE1	QUALIFIED VEHICLEMECHANIC SUPPORT UFMX4 MOUNTED SPARE TIRE, APPLICABLE TO(S),
	OPERATION/REPAIR MANUALS AND TMSK WILL ACCOMPANY VEHICLE. (SPECIFIC MSE REQUIRED FOR THE
	FOR ADDITIONAL ASSETS AND FOR FOLLOW-ON EOD TEAMS USE THE EOD MRAP MOBILITY UTC TBD.
	PROVIDES ROLL ON ROLL OFF CAPABILITY FOR EOD TEAMS WITH CRITICAL PERSONAL PROTECTIVE
	ASSOCIATED MISSION SUPPORT FOUIPMENT (MSE) THE FOLLOWING MSE IS GENERAL IN NATURE:
	COMMUNICATIONS, BLUE FORCE TRACKER, COUNTER RADIO-CONTROLLED-IED ELECTRONIC WARFARE
	(CREW), OFF ROAD SURVIVAL TOOL KIT AND MISCELLANEOUS SUPPORT EQUIPMENT. REQUIRES
4FWE2	QUALIFIED VEHICLE MECHANIC SUPPORT UFMX4 MOUNTED SPARE TIRE, APPLICABLE TO(S),
	OPERATION/REPAIR MANUALS AND IMSK WILL ACCOMPANY VEHICLE. (SPECIFIC MSE REQUIRED FOR THE FOD MISSION SETS IS IDENTIFIED IN THE LOGDET) NO SUITABLE MRAP SUBSTITUTION ARE
	AUTHORIZED. FOR ADDITIONAL ASSETS AND FOR FOLLOW-ON EOD TEAMS USE THEEOD MRAP MOBILITY
	UTC TBD. PROVIDES ROLL ON ROLL OFF CAPABILITY FOR EOD TEAMS WITH CRITICAL PERSONAL
	WITH ASSOCIATED MISSION SUPPORT EOUIPMENT (MSE). THE FOLLOWING MSE IS GENERAL IN NATURE:
	COMMUNICATIONS, BLUE FORCE TRACKER, COUNTER RADIO-CONTROLLED-IED ELECTRONIC WARFARE
	(CREW), OFF ROAD SURVIVAL TOOL KIT ANDMISCELLANEOUS SUPPORT EQUIPMENT. REQUIRES
4FWEV	QUALIFIED VEHICLE MECHANIC SUPPORT UFMX4 MOUNTED SPARE TIRE, APPLICABLE TO(S),
	THE EOD MISSION SETS IS IDENTIFIED IN THE LOGDET). NO SUITABLE MRAP SUBSTITUTION ARE
	AUTHORIZED. FOR ADDITIONAL ASSETS AND FOR FOLLOW-ON EOD TEAMS USETHE EOD MRAP MOBILITY
	UTC TBD. PROVIDES ROLL ON ROLL OFF CAPABILITY FOR EOD TEAMS WITH CRITICAL PERSONAL
	7 FOLDED FIBERGLASS MAT SETS (54 FT X 60 FT), 2 FFM SUPPORT TOOL KIT, UPPER BUSHINGS. ANCHOR
4FWFM	BUSHINGS, ANCHOR BOLTS AND 4 X MC-7 AIR COMPRESSORS. EACH UTC WILL BE TASKED TO SUPPORT
	ADR FOR ASPHALT OR CONCRETE. WILL SUPPORT REPAIRS UP TO SEVEN CRATERS. REQUIRES
	PERSONNEL FROM STANDARD PRIME BEEF OR RED HORSE UTCS FOR INSTALLATION. BASED ON PROVIDES (8) INITIAL WRM RED HORSE MINE RESISTANT AMBUSH PROTECTION VEHICLE (MRAP)
	COUGAR CAT 2 WITH ASSOCIATED MISSIONSUPPORT EQUIPMENT (MSE). THE FOLLOWING MSE IS
	GENERAL IN NATURE: COMM, BLUE FORCE TRACKER, COUNTER RADIO-CONTROLLED-IED ELECTRONIC
4EWDH	WARFARE, OFF ROAD SURVIVAL TOOL KIT AND MISC SUPPORT EQUIPMENT. REQUIRES QUALIFIED
4F W KH	OPERATION/REPAIR MANUALS AND TMSK WILL ACCOMPANY MRAP. CAPABILITY IS USED DURING OPEN
	THE AIRBASE, SUSTAIN THE AIRBASE AND ROBUST THE AIRBASE PHASE OF BASE OPERATIONS. NO
	OTHER MRAP SUBSTITUTIONS ARE AUTHORIZED. FOR ADDITIONAL ASSETS USE RED HORSE 4F9RH MRAP
	IMOBILITY UTC. PROVIDES A ROLL ON ROLL OFF CAPABILITY FOR RED HORSE WITH CRITICAL PERSONAL PROVIDES INITIAL WRM EQUIPMENT/VEHICLE CAPABILITY FOR MINORAIRFIELD PAVEMENT REPAIRS. KIT
	CONTAINS MULTI-USE EQUIPMENTAND MATERIALS TO SUPPORT PRIME BEEF, RED HORSE AND/OR
4FWSP	OTHERCIVIL ENGINEER UNITS OPERATING IN AUSTERE LOCATIONS. KIT ALSO CONTAINS SPECILIZED
	EQUIPMENT AND CERTIFIED MATERIALS TO MAINTAIN AND REPAIR BOTH ASPHALT BASED AND/OR
	JOINT SEALING. KIT CONSIST OF (5) 8'X 20' ISO CONTAINERS WHICH INCLUDE: (1) 279C COMPACT TRACK
	LOADER W/ATCHS, (1) CB14 DUAL STEEL WHEELED ROLLER COMPACTOR, (1) DRUM CONCRETE MIXER, (1)
	WALK BEHIND SAW HUSQVARNA, (1) HEATED ASPHALT MIXER. (1) AIR COMPRESSOR. (1) WALK BEHIND
4F777	KOUTEK. LIMITED QUANTITIES OF KAPID SETTING FLOWABLE FILL AND CONCRETE CAPPINGMATERIAL. CE ASSOCIATE UTCS.

GLOSSARY

- Air Force (AF) Civil Engineers (CEs): AF CEs organize, primarily, as two types of forces. The first type is the Prime Base Engineer Emergency Force (BEEF) civil engineer force which is composed of traditional engineers, firefighters, Explosive Ordnance Disposal (EOD), and Emergency Management (EM) personnel (whom have capabilities to coordinate and organize efforts to manage, prepare for, respond to, and recover from the direct and indirect consequences of CBRN attacks or incidents, conventional weapon attacks, major accidents and natural disasters). The second type is the Rapid Engineering Deployable Heavy Operational Repair Squadron Engineer (RED HORSE) which offers a variety of capabilities such as heavy construction and repair, beddown capabilities, and their ability to conduct self-sustaining operations. Furthermore, the AF possesses several other specialized CE teams such as the Airfield Pavement Evaluation (APE) teams, CE Maintenance, Inspection, and Repair Team (CEMIRT), CEs within the 49th Maintenance Materiel Group (MMG) and CEs within the Air Force's Contingency Response Wings (CRWs) and Groups (CRGs).
- Civil Support: Refers to defense support of civil authorities, which is DOD's mission to provide support through the federal military force, National Guard, and other resources in response to requests for assistance from civil authorities for special events, domestic emergencies, designated law enforcement support, and other domestic activities.
- Complex Catastrophe: An incident that results in cascading failures of critical infrastructure and causes extraordinary levels of casualties or damage. DOD has defined a complex catastrophe as a natural or man-made incident, including cyberspace attack, power grid failure, and terrorism, which results in cascading failures of multiple interdependent, critical, life-sustaining infrastructure sectors and causes extraordinary levels of mass casualties, damage, or disruption severely affecting the population, environment, economy, public health, national morale, response efforts, and/or government functions.
- Emergency: An occasion or instance for which, in the determination of the President, federal assistance is needed to supplement state and local efforts and capabilities to save lives and to protect property and public health and safety, or to lessen or avert the threat of a catastrophe in any part of the United States.
- Major Disaster: Any natural catastrophe (including any hurricane, tornado, storm, high water, wind-driven water, tidal wave, tsunami, earthquake, volcanic eruption, landslide, mudslide, snowstorm, or drought), or regardless of cause, any fire, flood, or explosion, in any part of the United States, which in the determination of the President causes damage of sufficient severity and magnitude to warrant major disaster assistance to supplement the efforts and available resources of states, local governments, and disaster relief organizations in alleviating the damage, loss, hardship, or suffering caused thereby.

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