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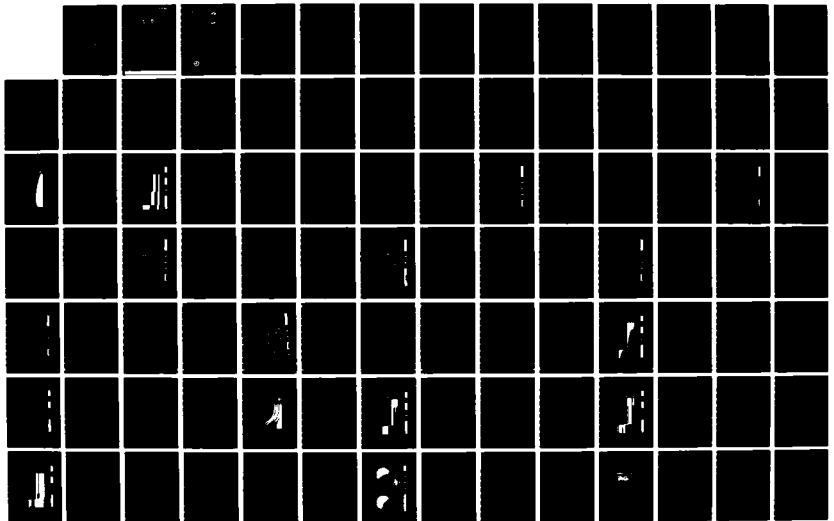
AIR FORCE INTEGRATED READINESS MEASUREMENT SYSTEM
(AFIRMS) PRODUCT DESCRIPTIONS(U) SOFTECH INC
ALEXANDRIA VA 31 MAY 85 F49642-83-C-0022

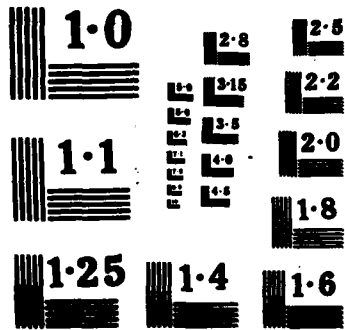
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Air
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Integrated
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Measurement
System

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UNITED STATES AIR FORCE

AIR FORCE INTEGRATED READINESS MEASUREMENT SYSTEM

PRODUCT DESCRIPTIONS

DTIC
ELECTE
AUG 04 1986
S D

Prepared for
UNITED STATES AIR FORCE READINESS ASSESSMENT GROUP
(AF/XOOIM)

Prepared by
SOFTECH, INC.
UNDER CONTRACT F49642-83-C-0022
CDRL 0003

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SECTION I. GENERAL

1.1 Purpose of the Product Descriptions

The Product Descriptions (PDs) for the Air Force Integrated Readiness Measurement System (AFIRMS) (Contract No. F49642-83-C-0022) are written to:

- a. Provide a visual description of products that will be implemented on the AFIRMS,
- b. Document the products approved by the Air Force users for AFIRMS implementation.

1.2 Introduction to AFIRMS

This section provides a brief introduction to the Air Force Integrated Readiness Measurement System (AFIRMS). A more complete description of AFIRMS is provided in the AFIRMS Functional Description.

1.2.1 Key AFIRMS Concepts

AFIRMS is an automated, tasking based, capability assessment system. As such, AFIRMS evaluates unit and force capability to perform tasked missions based on the availability of specific resources.

- a. The conceptual requirements for AFIRMS are two-fold:
 - (1) Assessment of combat capability against specific tasking. The user can assess unit/force combat capability against any planned or ad hoc tasking, e.g., War Mobilization Plan (WMP), Operation Plan (OPlan), Fragmentary Order, Air Tasking Order (ATO), Contingency Plan, etc.

- (2) Assessment of combat capability based on budget appropriations. AFIRMS provides a tool for computing long-term readiness and sustainability trends, spanning two to six fiscal years. This tool permits comparison of readiness and sustainability by fiscal year and can therefore highlight the impact of appropriation changes. Thus, changes in funding are related to changes in force readiness and sustainability. Also, senior Air Force decision makers are supported during budget deliberations and Air Force decision makers are supported during budget deliberations and Air Force budget allocation.

- b. AFIRMS implementation has two key concepts:

- (1) Integrated approach to tasking based capability assessments. AFIRMS has two integrative dimensions. First, all applicable resources and their usage interactions are considered. For example, in sortie capability assessment, AFIRMS evaluates capability in terms of all four essential resource types (aircrew, aircraft, munitions, fuel), their interdependencies, and their generative components (such as spares for aircraft, training qualifications for aircrew, load crews for munitions, and hot pits for fuel.) Second, other automated systems (such as the Combat Supplies Management System (CSMS), Combat Fuels Management System (CFMS), Weapon System Management Information System (WSMIS), etc.) outputs are integrated into capability assessment calculations through system interfaces between those systems and AFIRMS.

- (2) Data Quality Assurance. Capability assessment is no better than the data upon which it is based. Therefore, AFIRMS emphasizes a user orientation toward quality assurance of source data. Unit and other data input level users are provided effective tools to accomplish their daily activities and, therefore, develop a vested interest in AFIRMS data currency and validity. Capability assessment data can then be extracted for use by higher or parallel users with maximum confidence in its validity.

1.2.2 AFIRMS Functions

Four basic AFIRMS functions combine to assess readiness capability:

- a. Translate Tasking. As a tasking based capability assessment system, tasking must be converted into a standard format recognized by AFIRMS. Tasking is defined in AFIRMS to the unit level and may consist of actual, hypothetical, standard, or contingency tasking. Any of these taskings can be defined within specified War Mobilization Plan (WMP) or Operations Plan (OPLAN) constraints, at the option of the user. Likewise, the tasking may be defined by the user for present, historic, or future requirements.
- b. Define Resources. The resource definition function of AFIRMS ensures that information about inventory status is available and accurate. Wherever possible, this data is obtained by interfacing with other functional systems. As with tasking, resource information can be defined for actual, hypothetical, standard, or contingency situations either present, historic, or future.
- c. Determine Ability to Perform. Determining the force's ability to perform is the essential function of AFIRMS. The tasking and resource data is processed to determine how much of the specified tasking can be accomplished with the resources available. Ability to perform is evaluated in terms of the task metric (sorties, etc.) and the cost metric (dollars) to provide readiness/sustainability and dollars to readiness assessments.

- d. Aggregate, Analyze, and Present Data. Aggregation, analysis, and presentation ensure the proper grouping and display of data to provide useful information at the unit, major command (MAJCOM), and Headquarters, United States Air Force (HQ USAF) levels. Aggregation refers to the creation of a composite understanding of capability for several units.

1.3 AFIRMS Documentation

A set of nine types of documents describes AFIRMS. A list of these AFIRMS documents is provided below along with a short description of the particular aspects of AFIRMS which are addressed by each document.

- a. Functional Description (FD). The FD provides the description of AFIRMS' concepts in user terms. It is the baseline document which ties the AFIRMS documents together.
- b. Economic Analysis (EA). The EA states AFIRMS' estimated costs. It explains the cost factors of AFIRMS implementation alternatives and states the recommended alternative.
- c. Evolutionary Implementation Plan (EIP). The EIP details the current plan for AFIRMS' implementation. It describes the time sequence of the implementation by functional blocks, organizations, and work phases (analysis, development, installation, etc.).
- d. System Specification. The AFIRMS System Specification adds the design requirements to the functional concepts in the FD. It divides the system into subsystems (HQ USAF, MAJCOM (United States Air Forces Europe or USAFE), and Wing (unit)) and assigns functions required within each subsystem. The system specification details the overall architecture, intersite interface gateways, processing logic flows, and the communication network specifications.

- e. Subsystem Specifications. There are three AFIRMS subsystem specifications: HQ USAF, HQ USAFE (MAJCOM/numbered Air Force), and the Wing (unit/squadron). Subsystem specifications detail the specific design and/or performance requirements of the system at that level. Design details cover the architecture, required functions, the functional users, intrasite interface gateways, and applicable processing logic flows.
- f. Database Specifications. There are three AFIRMS database specifications: HQ USAF, HQ USAFE (MAJCOM/numbered Air Force), and the Wing (unit/squadron). These specifications describe the database architecture, size, and content as well as logical data relationships for the functions performed at each of the AFIRMS levels.
- g. Data Requirements Document (DRD). The DRD identifies, categorizes, and groups the generic types of data used in AFIRMS. It also defines each type of AFIRMS data element (attribute class).
- h. Product Descriptions (PDs). The PDs visually portray the products, which implement the AFIRMS functions, as input and output tools.
- i. Transform and Model Descriptions. The Transform and Model Descriptions defines how AFIRMS calculates the output data from the input data. Specific algorithmic calculations are provided. Logical groups of algorithms forming AFIRMS models and transforms are described.

1.4 AFIRMS References

References applicable to the history and development of the AFIRMS Program are listed below, along with references concerning documentation and programming standards.

- a. AFIRMS Data Requirements Document, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- b. AFIRMS Economic Analysis, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- c. AFIRMS Evolutionary Implementation Plan, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)

- d. AFIRMS Functional Description, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- e. AFIRMS HQ USAF Database Specification, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- f. AFIRMS HQ USAF Subsystem Specification, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- g. AFIRMS HQ USAFE Database Specification, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- h. AFIRMS HQ USAFE Subsystem Specification, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- i. AFIRMS Product Descriptions, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- j. AFIRMS System Specification, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- k. AFIRMS Transform and Model Descriptions, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- l. AFIRMS Wing Database Specification, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- m. AFIRMS Wing Subsystem Specification, Final, SofTech, Contract No. F49642-83-C-0022, 31 May 1985. (Unclassified)
- n. System Interface Design for the AFIRMS LPP and the Combat Fuels Management System (CFMS), SofTech, Contract No. F49642-83-C-0022, 28 February 1985. (Unclassified)
- o. System Interface Design for the AFIRMS LPP and the Air Force Operations Resource Management System (AFORMS), SofTech, Contract No. F49642-83-C-0022, 2 November 1984. (Unclassified)
- p. AFR 700-1, Managing Air Force Information Systems, 2 March 1984. (Unclassified)

- q. AFR 700-2, Information Systems Planning, 26 October 1984. (Unclassified)
- r. AFR 700-3, Information Systems Requirements Processing, 30 November 1984. (Unclassified)
- s. AFR 700-5, Information System Requirements Board, 9 November 1984. (Unclassified)
- t. AFR 700-9, Information Systems Standards, 15 March 1984. (Unclassified)
- u. AFM 11-1, Vol. 1, U.S. Air Force Glossary of Standardized Terms, 2 January 1976. (Unclassified)
- v. AFR 205-16, Automated Data Processing (ADP) Security Policy, Procedures, and Responsibilities, 1 August 1984. (Unclassified)
- w. DoD-STD-7935-1, Automated Data Systems (ADS) Documentation Standards, 24 April 1984. (Unclassified)
- x. JCS Pub 1, Department of Defense Dictionary of Military and Associated Terms, 24 April 1984.
- y. JCS Memorandum of Policy #172, 1 June 1982. (Unclassified)
- z. AFR 300-4, Vol. 3, Air Force Data Dictionary, 15 August 1983. (FOUO)
- aa. AFR 300-4, Vol. 4, Air Force Data Dictionary, 1 May 1984. (FOUO)
- bb. Sustainability Assessment Model (formerly CAC) Functional Description, Contract No. F33700-83-G-002005701, 8 April 1983. (Unclassified)
- cc. MIL-STD-480 Configuration Control-Engineering Changes, Deviations, and Waivers.
- dd. MIL-STD-483 Configuration Management Practices for Systems, Equipment, Munitions, and Computer Programs.
- ee. USAF Operational Major Command Functional Area Requirement (FAR), SofTech, Contract No. F49642-82-C-0045, 15 December 1982. (Unclassified)
- ff. AFR 55-15, Unit Combat Readiness Reporting (C-Ratings) (Unit Status and Identity Report (UNITREP), RCS:HAF-XOO(AR)7112(DD)), 22 November 1982. (Unclassified)
88. USAF Annex to USAF FAR, SofTech, Contract No. F49642-82-C-0045, 20 August 1982. (Unclassified)
- hh. AFIRMS FAR, SofTech, Contract No. MDA-903-76-C-0396, 14 March 1980. (Unclassified)
- ii. AFIRMS Data Analysis, SofTech, 15 February 1979. (Unclassified)
- jj. User's View of AFIRMS, SofTech, 1 November 1978. (Unclassified)
- kk. AFIRMS Data Automation Requirement (DAR), Final, SofTech, Contract No. MDA-903-76-C-0396, 14 March 1980. (Unclassified)
- ll. AFIRMS LPP ADP Security Plan, SofTech, Contract No. F49642-83-C-0022, 13 February 1985. (FOUO)

1.5 Abbreviations and Acronyms

A and D	- Assembly and Distribution	CAP	- Capability
AAC	- Alaskan Air Command	CAS	- Close Air Support
A/C	- Aircraft	CAS	- Combat Ammunition System
AC NBR	- Aircraft Number	Cat.	- Category
ACFT	- Aircraft	CBU	- Cluster Bomb Unit
ACRW	- Aircrew	CEPS	- Central European Pipeline System
AD	- Air Defense	CFMS	- Combat Fuels Management System
AF	- Air Force	CHE	- Chemical
AFIRMS	- Air Force Integrated Readiness Measurement System	CINC	- Commander In Chief
AGE	- Aerospace Ground Equipment	CMD	- Command
AGM	- Air Ground Missile	COB	- Collocated Operating Base
AIM	- Air Intercept Missile	COMM	- Communications
ALCC	- Airlift Control Center	COMPES	- Contingency Operations/Mobility Planning and Execution System
ALT	- Alternate (Mission)	CON	- Conventional
ALT FAC	- Alternate Facility	CONUS	- Continental United States
Ammo	- Ammunition	CNX	- Cancel
AMU	- Aircraft Maintenance Unit	CPX	- Command Post Exercise
Asgn	- Assign	CRW	- Aircrew
Asgnd	- Assigned	CSMS	- Combat Supplies Management System
ATA	- Actual Time of Arrival	CSS	- Contingency Support Staff
ATCK	- Attack	DLR	- Dollars to Readiness
ATD	- Actual Time of Departure	DNIF	- Duty Not Involving Flying
ATO	- Air Tasking Order	DOC	- Designed Operational Capability
ATOC	- Allied Tactical Operations Center	DoD	- Department of Defense
Avail	- Available	DRD	- Data Requirements Document
Auth	- Authorized	DS	- Defense Suppression (i.e., Wild Weasel)
AWM	- Awaiting Maintenance	DTG	- Date Time Group
AWP	- Awaiting Parts	Durandal	- A rocket-assisted runway-cratering munition
BAI	- Battlefield Air Interdiction	EA	- Economic Analysis
BRLS	- Barrels	EA Cell	- Emergency Actions Cell
BDR	- Battle Damage Repair	ECM	- Electronic Countermeasure (Pods)
BIO	- Biological	EIFEL	- A NATO command and control system
BUD	- Budget	EIP	- Evolutionary Implementation Plan

E/NE	-	Effective/Non-Effective	LOX	-	Liquid Oxygen
EPSF	-	Expenditure Per Sortie Factor	LPP	-	Learning Prototype Phase
ESRC	-	Engineering Services Readiness Center	LRC	-	Logistics Readiness Center
ETIC	-	Estimated Time In Commission	LV	-	Leave
ETR	-	Estimated Time of Return	MAC	-	Military Airlift Command
EW	-	Electronic Warfare	Maint	-	Maintenance
EWO	-	Electronic Warfare Officer	MAJ	-	Major Command
EXP MR	-	Expected Mission Ready (Date)	MAJCOM	-	Major Command
FD	-	Functional Description	MC	-	Mission Capable
FLT QL	-	Flight Qualifications	MC + 12	-	Mission Capable in 12 hours
FMC	-	Fully Mission Capable	MD	-	Mission Design (e.g., F-4)
FOP	-	Full Operations	MDS	-	Mission Design Series (e.g., F-4E)
FOUO	-	For Official Use Only	MESL	-	Minimum Essential Subsystem List
FSC	-	Federal Stock Code	MIA	-	Missing In Action
FY	-	Fiscal Year	MICAP	-	Mission Capable
Gal.	-	Gallon	Min	-	Minimum
GAO	-	Government Accounting Office	MOB	-	Main Operating Base
GRU	-	Guided Bomb Unit	MR	-	Mission Ready
GCA	-	Ground Controlled Approach	Msn	-	Mission
GCC	-	Graduated Combat Capability	MSN RDY	-	Mission Ready
GEN FAC	-	(Aircraft) Generation Factor	MUN	-	Munitions
GEOREF	-	Geographic Reference (coordinates)	MX	-	Maintenance
HQ USAF	-	Headquarters, United States Air Force	NAF	-	Numbered Air Force
HQ USAFE	-	Headquarters, United States Air Forces Europe	NATO	-	North Atlantic Treaty Organization
HRS	-	Hours	NBC	-	Nuclear, Biological, Chemical
INTD	-	Interdiction	NMC	-	Not Mission Capable
JCS	-	Joint Chiefs of Staff	NMCB	-	Not Mission Capable for Both (Supply and Maintenance)
JRCC	-	Joint Rescue Control Center	NMCM	-	Not Mission Capable for Maintenance
KIA	-	Killed In Action	NMCS	-	Not Mission Capable for Supply
L	-	Local time	No.	-	Number
LOC	-	Location	NOP	-	Not Operational
LOP	-	Limited Operations	NUC	-	Nuclear

OCA	-	Offensive Counter-Air	RAPCON	-	Radar Approach Control
OPLAN	-	Operations Plan	RC	-	Readiness Center
OPORD	-	Operations Order	Rece	-	Reconnaissance
OR	-	Operationally Ready	REQ	-	Requirement
OSC	-	Operations Support Center	REQ'D	-	Required
OSD	-	Office of the Secretary of Defense	RNDS	-	Rounds
PAA	-	Primary Aircraft Authorization	RNK	-	(Military) Rank
PACAF	-	Pacific Air Forces	RWY	-	Runway
PARAM	-	Parameter	SAC	-	Strategic Air Command
PD	-	Product Descriptions	SCL	-	Standard Conventional Load
PEM	-	Program Element Monitor	SEQ NUM	-	Sequence Number
Pers	-	Personnel	Ser No	-	Serial Number
PG	-	Page	SGM	-	Sortie Generation Model
P+Hrs	-	Parts plus X number of hours (an ETIC, e.g., P+12)	SPT	-	Support
PMC	-	Partially Mission Capable	SQDN	-	Squadron
PMCB	-	Partially Mission Capable for Both (Maintenance and Supply)	SRC	-	Survival Recovery Center
PMCM	-	Partially Mission Capable for Maintenance	STA	-	Station (ON STATION, OFF STATION)
PMCS	-	Partially Mission Capable for Supply	STAT	-	Status
POL	-	Petroleum, Oil, Lubricants	STN STAT	-	Station Status
POM	-	Program Objective Memorandum	SUPL	-	Supply
POS	-	Possessed	TAC	-	Tactical Air Command
POS	-	(Crew) Position	TDY	-	Temporary Duty
PPBS	-	Planning, Programming, and Budgeting System	TFS	-	Tactical Fighter Squadron
PRC	-	Personnel Readiness Center	TFW	-	Tactical Fighter Wing
Pre Conf	-	Pre-Configuration	TNG	-	Training
Pre Flt	-	Preflight (inspection)	TNK CON	-	(Fuel) Tank Configuration
Pre Sel	-	Pre-Select (indicator)	TOT	-	Time Over Target
PRI	-	Priority	TRN BAK	-	Turn Back
PRP	-	Personnel Reliability Program	TRW	-	Tactical Reconnaissance Wing
QTY	-	Quantity	TRAN	-	Transportation
			TRAP	-	Tanks, Racks, Adapters, Pylons

UNK - Unknown
 US - United States
 USAF - United States Air Force
 USAFE - United States Air Forces Europe
 Ute - Utilization
 W/ - With
 WG - Wing
 WMP - War Mobilization Plan
 WPN DEL - Weapons Delivery
 WOC - Wing Operations Center
 WRM - War Readiness Material
 WSMIS - Weapon System Management Information System
 WSO - Weapon Systems Operator
 WUC - Work Unit Code
 WW - Wild Weasel
 WX - Weather (Category Code)
 XFER - Transfer
 Z - Zulu time

SECTION 2. DOCUMENT ORGANIZATION

The Product Description document is organized to support the following four areas of concern:

- a. Provide an inventory of AFIRMS products;
- b. Provide for orderly growth and development of the document as AFIRMS is implemented;
- c. Associate product displays and/or screens with Air Force product-user activities and locations which the products support; and
- d. Provide cross reference aids that help the reader locate products.

2.1 The Sections of the Product Descriptions Document

Section 1 introduces AFIRMS and Section 2 describes the document organization. Section 3 delineates the format used to describe the products in the annexes. Annex 5 of the Product Description document contains product descriptions that address the Headquarters, USAF. This section subdivides products by purpose into four subsections: (1) Translate Tasking Products; (2) Resource Capability Products; (3) Resource Status Products; and (4) Air Staff Support Products.

Annex 10 of the Product Description document is in two parts. Part 1 contains products that address Headquarters, United States Air Forces, Europe (HQ USAFE). This section is subdivided by product purpose into four subsections: (1) Translate Tasking Requirements products; (2) Resource Capability products; (3) Base/Resource Status products; and (4) USAFE Staff Support Products. Part 2 contains product descriptions that address the 52nd Tactical Fighter Wing (TFW). This section is also subdivided by product purpose into five subsections: (1) Translate Tasking products; (2) Resource Capability and Availability products; (3) Resource Status and Scheduling products; (4) Execution and Monitoring products; and (5) Wing Staff Support products.

Additional annexes will be added to reflect product requirements of other major commands as they implement AFIRMS.

2.2 The Environment of the Product Descriptions

The site environment for the HQ USAF, MAJCOM and Wing level products is the Pentagon, HQ USAFE, and 52nd TFW, respectively. The focus at each site is on the respective operations center during an exercise or crisis in Europe, i.e., Air Force Operations Center, USAFE Operations Support Center (OSC), and the Wing Operations Center (WOC). The emphasis at each site is on the main processes and activities involved in (1) generating a frag or flying schedule in the WOC, (2) developing and/or assessing feasible unit tasks and monitoring unit activity in order to provide logistic support in the OSC, and (3) analyzing the MAJCOM response to the assigned task, and monitoring MAJCOM activity in order to provide budget funding and logistic support in the Air Force Operations Center.

For peacetime, the focus is on the normal day-to-day activities of the respective staffs. At both the Air Staff and USAFE, the emphasis is on the Program Objective Memorandum (POM) process and activities involved in moving toward the submission and defense of the budget. At the wing, it is on the flying schedule process and its execution, which, except for the tasking source, is basically the same as their exercise frag building and execution process.

2.3 Aids for Locating Products

The cross reference aids used in this document consist of the following:

- a. Table of Contents and Section/Subsection location by TAB pages.
- b. An index in each annex that alphabetically lists all products with page location.

SECTION 3. THE PRODUCT SCREEN FORMAT AND NARRATIVE DESCRIPTION

The product screens shown in this document are either a conceptual artist's mock-up of a computer graphic display or a "hard" copy of the actual graphic display that has been presented to the Air Force user during the Learning Prototype Phase (LPP). The implemented screens are a picture of the actual cathode ray tube screen and have function keys displayed at the bottom of the screen. The conceptual products are artist drawings and can be distinguished by the lack of function keys, the inclusion of a "Screen ID No." box, and its clearer image.

The dimension and layout are proportionately scaled displays of the 19" color graphics terminals and 12" black and white terminals that were used for product evaluation during the LPP. On an opposing page below each screen is a narrative description. The narrative descriptions provide the screen purpose, users, classification, assumptions, and other information related to the screen.

CLASSIFICATION TITLE

SCREEN CURRENCY:
DTG
SCREEN DATA CURRENCY:
OLD
NEW

The date-time-group (DTG) for Screen Currency will be the date and time the display is requested.

The DTGs for Screen Data Currency will be the date and time of both the latest and the oldest data displayed on the screen.

However, for computed data such as used in the capability assessment products, the "OLD" DTG will be blank and the "NEW" will have the DTG representing the time of computation.

Classification will be UNCLASSIFIED, CONFIDENTIAL, SECRET, or TOP SECRET. Since individual unclassified data items/elements can become classified when aggregated, the proposed method is to use the classification assigned by the user. If the user declines to assign a classification, a default to a preset classification for each screen/display will be used.

TASKING: CHANGE 2
OPORD 4000, 15 AUG 83
STATUS AS OF:
15 AUG 83, 0600Z

The Tasking box will always appear in this position. Tasking and Status boxes will not appear on the same display/screen. Further, some screens will not have either box displayed. The Tasking box will only appear when a task has been input. The date is the official date of the task, e.g., OPORD 4000 dated 14 AUG 83. When there is a change to the task, it will appear as shown. The date of the change will not be shown.

The Status-as-of box will always appear in this position. The date and time which appears will be that of the latest update. This could be a date and time assigned by the user or it could be given by the computer system at the time of the update. Tasking and Status boxes will not appear on the same display/screen. Some screens will not have either box displayed.

The Screen Identification Number is a unique number assigned to this screen. This will give the user the ability to call this screen/display directly if so desired. This number should not be confused with the screen number at the bottom of each page (used solely for sequencing within this volume).

The date is the current date. The time is the current clock time (in zulu (Z) or local (L)). The user decides which time reference to use (zulu or local) but, otherwise, has no control over this as it is generated by the system.

PAGE — OF —

When the display/screen cannot be shown in its entirety, this box will appear to indicate that this display must be paged or scrolled to view all of the information.

15 AUG 83

CLASSIFICATION

0700Z

SCREEN ID NO.:

3.1 The Product Description

This document details/defines AFIRMS display products using a combination of graphic presentations and the associated descriptive text. Four (4) pages are utilized to describe products that were implemented during the LPP, whereas unimplemented products require only two (2) pages - an artist's conception in conjunction with an opposing page of text. The four pages for implemented products are as follows: (1) a hardcopy of the 19" screen display, (2) an opposing page of descriptive text, (3) a figure/graphic representation of the parameter screen, and (4) a hardcopy of the 12" black and white screen implementation, where applicable.

The page above presents and describes the format and content of the basic elements commonly found on AFIRMS display screens. Below is provided/presented a guide to the narrative portion of the display screen description.

Certain screens are better understood with a dynamic, as opposed to a static, display. To effectively convey this to the reader, the screen displays are repeated with variations of screen content. In these cases, an abbreviated text page opposes the screen page (e.g., Status Map).

Screen Title: Title of the product screen.

Screen Number: Number of the product screen.

Screen Purpose: The overall purpose or function of the product screen.

Users:

Primary The Air Force user envisioned to be primarily supported or concerned with the information the screen provides.

Supporting Other Air Force users who might benefit from information on the screen.

Scenario: A description of events which have occurred and/or are in progress that lead to situational use of the screen.

Classification: The typical security classification of the screen, i.e., UNCLASSIFIED, CONFIDENTIAL, SECRET, or TOP SECRET. Some screens will have a range of classifications that will depend on the classification of the data presented. All classifications are the best estimates available at the time the PD is published.

Assumptions:

A list of assumptions about the information and about the conditions that must exist for the screen to be possible.

Data Sources:

A general statement about how and where the data was obtained for the screen.

Related Screens:

The list of other product screens that are related either in terms of informational content or related to the scenario of this screen.

Display Screen Features:

A short list of the most distinctive display screen features needed for the product to work as depicted. The screens are generated by standard generalized software, and a complete list of the features of these screens appears in Section 3.4.

Display Screen Function Keys:

A list of the function key numbers needed for the product display screen. A description of each function key is in Section 3.5.

Recommended Changes:

A list of the changes in the product recommended by the LPP development.

Data Elements:

A list of data elements identified by the LPP development. Those products not implemented during the LPP do not have data elements identified; however, they will be identified during the Analysis Phase of the AFIRMS implementation.

Parameter Selection Screens:

This figure includes the parameters of the parameter selection screen used for the product during the LPP. Those products not implemented will have their parameters determined during the Analysis Phase of the AFIRMS implementation.

Black-and-White Tabular Versions:

A copy of the black-and-white version of tabular screens developed during the LPP is included for reference. While most graphic products (except map products) will have counterpart black-and-white tabular screens, none was developed during the LPP. Consequently, those versions will be analyzed and their form determined during the Analysis Phase of the AFIRMS implementation.

LAST UPDATE:
DD MMYY YY

TITLE

ASSUMPTIONS:

1. Only the assumptions applying to this display will be listed.
2. Assumptions inherent in predictions about a future capability or readiness will be included.
3. Will list assumptions or rules contained in algorithms or tables used for computations (i.e., munitions substitutions).
4. Fixed parameters might be listed here.
5. Variable parameters will not be listed.
6. Parameters that are critical to viewing the display screen (munitions substitution, with or without resupply, etc.) will normally be indicated on the display.
7. Things the user should remember about the displays. For example, the displays do not show any uncertainty inherent in the results (i.e., standard deviation excluded).

INTERACTIONS:

1. Interactions the user can have with this screen will be listed.
2. The displays affected by any changes made to the data on this screen.
3. The relationship of this screen to other displays.
4. The parameters the use may change for "what-if" queries.

PAGE ___ OF ___

15 AUG 83

87002

SCREEN ID NO.

3.2 The Product Help Screen

The product screens in this PD are predicated on a number of assumptions that the user needs to be aware of in order to interpret the information presented correctly. The product screen is too small to show both the graphics and the screen's assumptions. Therefore, each product screen will have an associated subscreen that will not only list the screen's assumptions, but will also list the possible interactions the user could initiate with the product screen and/or on the data as part of "what-if" queries. This PD only describes the associated Help screen conceptually. The actual Help screen content and design must be specified during the Analysis Phase of AFIRMS implementation.

Format explanations are:

- a. The subscreen is called up while viewing the product screen by a HELP function key at the bottom of the product screen (see the Base Status Map product) or a special function key on the keyboard. After reviewing the subscreen, the user is sent back to the product screen.
- b. The box in the upper left corner will contain the date of the last update made to the product assumptions and/or interactions.
- c. The boxes at the bottom are the same ones as those found at the bottom of the product screen.
- d. If the list of assumptions and/or interactions is too long for the screen, it may be scrolled or paged for the rest of the information.
- e. The TITLE is the product screen title.

PARAMETER SELECTION SCREEN:

'PRODUCT TITLE' PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
			PAGE 1 of n
<p>1. 1ST PARAMETER DEFAULT VALUE</p> <p>2. 2ND PARAMETER DEFAULT VALUE</p> <p>3. 3RD PARAMETER BLANK (FOR A WRITE-IN VALUE)</p> <p>4. 4TH PARAMETER BLANK (FOR A WRITE-IN VALUE)</p> <p>n. nTH PARAMETER DEFAULT VALUE</p> <p>COMMAND OR VALUE WRITE-IN AREA</p>			
<div style="border: 1px solid black; padding: 10px; margin: 0 auto; width: 80%;"> <p>Choose a minimum of 1 value and a maximum of n.</p> <p style="text-align: center;">or</p> <p>Write in a value</p> </div>			
DISPLAY PRODUCT		RETURN TO TOP MENU	HELP
↑		RETURN PREVIOUS MENU	
KEY # 1	2	3	4
1ST ARRAY OF PARAMETER SCREEN KEYS			
PAGE REVERSE	FULL PG HALF PG	PAGE FORWARD	SELECT PARAM VALUE
KEY # 9	10	11	12
2ND ARRAY OF PARAMETER SCREEN KEYS			
DELETE PARAM VALUE	DELETE PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 13	14	15	16

3.3 Product Parameter Screen

The purpose of the parameter screen is to assist the user to input those values the system needs to execute, compute, and display the product. The parameter screen is also used to initiate the batch job or process to execute the Sortie Generation Model, the Dollars To Readiness Model, the Roll Up, Transmit, and Post functions.

The figure above is a generic copy of the parameter screen. A description of the parameter screen features follows:

Title: Each parameter screen uses the title of the product it serves.

Environment: The terms 'PEACE,' 'EXERCISE,' 'CRISIS' do not have any parameter use except to notify the user of the mode being used.

Page: This tells the user which page of the parameter screen is in use. Some products have seven parameters. The big 19" screens can list all of the parameters but a 12" screen cannot. The only way to know if there are more parameters to use is to reference the page numbers.

Default value: Most parameters have a default value that represents the most frequently used parameter choice. Its purpose is to save the user time in making parameter selections. It is changeable to accommodate the user's preferences.

Write-in values: Not all parameters have a list of parameter choices to select from. For those infrequent instances, the user must type in a value. The parameter screen will tell the user when to write in a value.

Parameter window: The box to the right side of the figure is where the parameter choices are listed. It is blank except when the user indicates his/her intention to make a parameter selection. That indication is accomplished by pressing the SELECT PARAM VALUE function. The parameter window then displays the list of possible choices and instructions as to the minimum and maximum number values that may be selected. If there is no list, the parameter window will tell the user to write in a value.

Write-in area: At the bottom of the parameter screen beneath the parameters is the area where a command or a parameter value is input. The cursor is automatically positioned there.

Parameter box: The box around the number of the parameter tells the user which parameter is currently selected.

Function key: A series of bezel, special function, or programmable keys commands the parameter screen to perform the functions indicated:

DISPLAY PRODUCT Initiates the program to compute, retrieve, and display the data on the screen.

RETURN TO TOP MENU Returns the user to the first or top menu.

RETURN PREVIOUS MENU Returns the user to the menu from which the product was selected.

HELP Interrupts the parameter screen and takes the user to the Help screen. When finished, the user returns to the parameter screen.

PAGE REVERSE Pages the parameters or parameter window list in reverse order. It pages a half or full page depending on the paging state.

FULL PG HALF PG Changes the paging state to FULL or HALF page.

PAGE FORWARD Pages the parameters or parameter window list forward in sequential order. It pages a full or half page depending on the paging state.

SELECT PARAM VALUE Activates the parameter selection mode. Pressing the key a second time de-activates the mode. Parameters can be selected only when this is activated.

DELETE PARAM VALUE Deletes a parameter value.

ENTER PARAM VALUE Is active when the SELECT PARAM VALUE mode is activated. When this key is pressed, a value from the list displayed in the parameter window is entered beneath the parameter.

3.4 Product Display Screen Features

The display screens are one of three types depending on the form of the displayed data: graphic, tabular, or a combination of graphic and tabular. The tabular screens display the data values listed in a table format, i.e., rows and columns. Normally, they are input and output screens. The tabular screens may use color to segregate the data into like types to assist the user in assimilating the data.

The graphic screens are also of standard types: bar graph, line graph, or pictorial (i.e., maps). These are output screens only. The bar graph screens will have a data value atop the bar.

The combination screens of tabular data and graphic charts are unusual. It is expected that there will be only a few of them in AFIRMS. They may or may not be input screens. The combination screens will use only one of the standard screen generators with special programming needed for the remaining portion of the screen.

The display screen software uses standard, general routines to generate the screens. The standard screen generators and their particular features are:

a. Standard Tabular Screen Generator:

- Full screen or file editor,
- Right-justified numeric data,
- Left-justified alphabetic data,
- Line highlighter that can be turned (i.e., toggled) on and off,
- Field highlighter that can be turned (i.e., toggled) on and off with the line highlighter
- Dynamic or variable legends,
- Blanking of repeating column data (programmable not always wanted),
- Field coloring depending on value of data field (programmable; not always wanted),
- Row or record coloring depending on value of a repeating field (the color is the same until the value changes. This, in effect, colors several adjacent rows or records),
- Column headings programmed separately from body of table,
- A data change indicator that will indicate the row or column of data that changed from an original or previous data set (How the indicator is initiated will be described in the product specification during the Analysis Phase of AFIRMS implementation),
- A special area at the bottom of the screen to display remarks for a row of data -- examples of the type of product that would use this special area are the Unit Status and Base Status products (This requires the routine to know where the cursor is by page and by row in order to call up the correct set of remarks/data. The function is similar to the base position interrogation feature of the Base Status Map),

Non-sequential vertical paging (up/reverse, down/forward) -- needed to rapidly skip from the current page to the page desired.

Horizontal paging (left, right) is needed to use a product that is too wide for the terminal screen (the LPP used "segmentation" for products too wide for the black-and-white dumb terminals -- (see Munitions Status, MAJCOM/HQ USAF version); the color screens were not "segmented", but very small characters were used to fit all of the data onto the screen (see Munitions Status, MAJCOM/HQ USAF version), and

Scrolling (left, right, up, down) -- not to replace paging but to augment the paging feature.

b. Graphic Screen Generators:

1) Standard Line Graph Generator with:
Dynamic or variable legend (as opposed to a fixed, "hard-coded" legend), and

Dynamic x- and y-axis scaling (depending on the parameter choice or the data base values).

2) Standard Bar Graph Generator with:

- Stacked and un-stacked bars,
- Data value atop the bar,
- Spaces between bars or side-by-side bars,
- Dynamic or variable legend,
- Dynamic x- and y-axis scaling, and
- Rescalable y- axis after screen display (initiated by a function key or special function key to suit the user's needs).

3) Standard Mapper with:

A special area at the bottom or corner of the screen to display remarks or other data relevant to a map position (e.g., Base Status Map). The ability to do this requires the routine to know where the cursor is on the map in order to call up the correct information;

A coordinate system so names of air bases can be inserted, labeled, and deleted by a nontechnical user using latitude and longitude or GEOREF map coordinates (the positioning is reasonably accurate with relation to one another);

Coloring of the base position according to the dynamic value of a database variable (the color indicates a status or condition);

A change indication for positions whose status or condition values changed; and
Software zoom.

3.5 Product Display Screen Function Key Description

The AFIRMS is operated by the user using a system of menus and programmed keys. The keys could be bezel keys, special function keys, or reprogrammable keys. Some of the product screen key labels can be seen at the bottom of the display screens described in the annexes. The number of available keys was less than the number of keys needed. Arrays of keys solved the problem. Additional keys may be needed for other functions as AFIRMS development continues.

The first array contains the basic key functions needed for every display screen. Most of the graphic displays only need the first array. The tabular input screens need functions to add, delete, and change/edit data. A paging and/or scrolling capability is needed. Because some records have sub-records (e.g., a wing with several munitions as the Wing Resource Summary product, a mission with two MDSs and/or aircraft SCLs as the Tasking Information product, or a unit at multiple locations or with multiple MDSs as the Unit Status product), the system must know when it is editing records or sub-records. Therefore, the second array is reserved for editing records and the third array is reserved for editing sub-records. Switching between arrays is done with two special function keys. An arrow on either or both ends of the array (if on the 2nd of 3 arrays) tells the user which array is in use.

With the user looking at a product display screen, the function keys take the described action when pressed.

<u>Key No.</u>	<u>Key Label</u>	<u>Key Functional Description</u>
1st Array:		
1	DISPLAY PARAM SELECT	Takes the user back to the parameter selection screen. The parameter choices the user made to display the product are redisplayed.
2	LINE HIGHLIGHT TOGGLE	Changes the state of the Line Highlighter toggle. If it is already turned/toggled OFF, the state is changed to ON and the Line Highlighter appears. If it is already toggled ON, the state is changed to OFF and the Line Highlighter is removed from the tabular display. The key is not active when a graphic screen is displayed.

3	HARD COPY	Spawns a batch process to print a color copy of the display. This key is on the 1st array only if the product has a single screen display. For multiscreen displays, the key is on the 2nd array with the paging keys.
4	TOP MENU	Returns the user to the first/top menu.
5	PREVIOUS MENU	Returns the user to the menu from which the product was selected.
6	HELP	Interrupts the product display and takes the user to the HELP screen. When finished with the HELP screen, the user returns to this display.
7	UPDATE SCREEN	Causes the system to refresh or update the product display using the current parameter choices. Normally used with a resource status product when the system notifies the user that the status data has been updated.
8	NOT USED	

2nd Array:

9	PAGE REVERSE	Pages the product in reverse order. It pages a full or half page at a time depending on the paging state selected. It is active only when a tabular product is displayed and is longer than one page of display.
10	FULL PG HALF PG	Changes the paging state to FULL or HALF paging depending on the current state. The current paging state is always highlighted or colored.
11	PAGE FORWARD	Pages the product forward in sequential order. It pages a full or half page at a time depending on the paging state selected. It is only active as described in PAGE REVERSE above.

12	CHANGE XXXXXX DATA	Permits editing of the screen data. The 'XXXXXX' is changed to the appropriate term (such as aircraft or aircrew) when the product is designed. Used only for tabular products. Pressing the key a second time de-activates the CHANGE mode.	19	PAGE REVERSE	Same as 9 above.
13	ADD XXXXXX DATA	Permits the addition of a record to the data base. Used only for tabular products. Pressing the key a second time deactivates the ADD mode.	20	FULL PG HALF PG	Same as 10 above.
14	DELETE XXXXXX DATA	Permits the deletion of a record from the data base. Used only for tabular products. Pressing the key a second time deactivates the DELETE mode.	21	PAGE FORWARD	Same as 11 above.
15	HARD COPY	Same as 3 above.	22	CHANGE XXXXXX DATA	Same as 12 above except only sub-record data is changed. The system prevents changes to record keys/data.
16	ENTER	Updates the data base as directed by keys 12, 13, and 14 above. The ENTER key acts as a confirmation step for the CHANGE/ADD/DELETE keys.	23	ADD XXXXXX DATA	Same as 13 above except able to add sub-records only.
17	INTER- ROGATE BASE	Interrogates the cursor position and displays a box containing data corresponding to the base displayed under the cursor (see Status Map). It occupies one of the 9-16 key positions.	24	DELETE XXXXXX DATA	Same as 14 above except able to delete sub-records only.
18	DELETE DATA BOX	Deletes the box containing the base data. Occupies one of the 9-16 key positions.	25	NOT USED	
27	SCALE UP	Increases the y-axis of the bar graph by approximately 100% after the screen is displayed. It occupies one of the 9-16 key positions. Used with bar graphs only.	26	ENTER	Same as 16 above.
28	SCALE DOWN	Decreases the y-axis scale of the bar graph by approximately 50% after the screen is displayed. It replaces one of the 9-16 key positions. Used with bar graphs only.			

3rd Array:

3.6 Product Screen Identification Schema

An identification schema was developed for AFIRMS to provide a unique identity for each screen. A sequential numbering system is sufficient for the system's internal use only; however, a more meaningful identification system is needed for the AFIRMS users to use in the Command Mode and in their oral and written communications. The product titles alone are not sufficient because products with the same title are necessarily different between the AFIRMS levels, e.g., Base Status at the Wing level is not the same Base Status at HQ USAF level. The screen identification number will be displayed in a box in the lower right hand corner of the screen. The schema is:

Unit Level . Product . Function . Series Number . Screen Type

Character Format = AAA.AAAA.999.XX

<u>Unit Level</u>	<u>Product</u>	<u>Display Use</u>	<u>Screen Number</u>	<u>Screen Type</u>
W/G - Wing	TASK - Tasking	1-999 (and, if necessary, A00 through Z99.)		G - Graphic
MAJ - MAJCOM	CAP - Capability			T - Tabular
NAF - Number AF	STAT - Status			P - Parameter
AF - HQ USAF	HELP - Product Help			G1 - 1st segment
	DLR - Dollar-Readiness			T1 - of multiple
	SPT - AFIRMS Support			P1 segments
	POM - POM			G2 - 2nd segment
				T2
				P2

Notes: Unit Level is 2 to 3 alpha characters.

Product Display Use is 3 to 4 alpha characters. Other use categories may be needed as AFIRMS development continues.

Screen Number is 3 numeric characters. If expansion is necessary then it could use a mixture of alpha and numeric characters.

A segment (under Screen Type) is a horizontal segment or page of a product. This is not used by the system but may be used as a reference in user communications.

The Menu and System Help (versus Product Help) screens are not included in this schema.

ANNEX 5. HQ USAF SUPPORT PRODUCTS

SECTION 1. AIR FORCE OPERATIONS CENTER SUPPORT PRODUCTS

Air Force Operations Center support products included in this section support the Contingency Support Staff (CSS) activities of:

- Translating and reviewing tasking requirements
- Reviewing and assessing the readiness of the MAJCOM units and resources to accomplish the task/mission
- Monitoring the results and unit/resource statuses

The CSS receives operational and functional area reports from the MAJCOMs on munitions, fuels, spares, maintenance, base status, aircraft and aircrew status and location, etc., and arranges/coordinates theatre resupply of expended/attrited/shortfall resources and/or units. Data from the various reports is entered into the HQ USAF AFIRMS in any one of three ways: (1) by the MAJCOM's AFIRMS, (2) through interfaces with other automated systems, and (3) least frequently, by the functional staff. During crises, the CSS may review theatre Commander in Chief (CINC) plans for sustainability and supportability. The CSS may also develop closely-held plans with little or no MAJCOM involvement.

The scenario used in developing these products is a European crisis or a Command Post Exercise (CPX). It is assumed that HQ USAF has developed an Operations Order (OPORD) in support of a Joint Chiefs of Staff (JCS)/Air Staff directive (including closely-held ones) and that the HQ USAF CSS and the USAF CSS are reviewing USAF's resources and OPORD tasking for feasibility. The products presented support the key CSS players who analyze force options, manage resources, and answer questions assigned by the CSS Team Chief.

This scenario description will not be repeated for the individual screens. What will be described is a specific circumstance within this baseline scenario.

SECTION 2. AIR STAFF SUPPORT PRODUCTS

The products in this section support the Air Staff during its normal peacetime day-to-day activities. Since a major objective of AFIRMS is to provide a capacity for the Air Staff to connect budget dollars to force readiness, the focus of the products is on the Air Force Program Objective Memorandum (POM) process. To that end, the Translate Tasking (Section 1.1) and Capability Assessment (Section 1.2) products are used to determine where the priorities should be for the POM resources, i.e., which resources are the most limiting on the Air Force's combat capabilities.

The function of the Dollar to Readiness products is to help the user to determine how the resource(s) and dollars should be traded off to provide the desired and/or affordable improvement in readiness. The two products on munitions substitution have a different purpose. They don't directly show the dollar effect on readiness but they do show the resource impact of using less effective munitions as a substitute for preferred munitions. Indirectly, of course, this resource impact does have a dollars effect on readiness. The next-to-last product represents another objective of AFIRMS: to historically relate force readiness and capability. The controversy that arose in 1984 over the 1984 versus the 1980 readiness using the services C-ratings is not soon forgotten. The last product is an administrative product to tell the user the status of the batch processes spawned by the Sortie Generation and Dollars To Readiness Models, i.e., executing, complete, or aborted.

The products in Section 1 can assist the Air Staff in other peacetime duties. OPLAN assessments are a big concern to XOJIC, LERX (LRC), LEYS, and LEYW. Mission Area Analysis is of considerable interest to XOOIR and LERX (CHECKMATE) and XOXR (MAA) among others. And, of course, assessment of unit DOC statements is a valuable tool for XOOIM and the functional areas. War Readiness Material (WRM) assessments for adequacy and assistance in resource allocation also come to mind.

If review of these products suggests other uses, please pass them on to XOOIM or SofTech.

1.1 Translate and Review Tasking Requirements Products

The first three products in this Section provide a "bird's-eye" view of the task requirements and aid the user to understand the scope of the task. The rest of the products assist the user in translating a general task into specific unit tasks which, in turn, are used by AFIRMS to compute those "bird's-eye" views of the task.

SCREEN TITLE

Mission Tasking
Aircraft Tasking
Mission & Aircraft Tasking Detail Summary
War Mobilization Plan
Mission Profile Definition
Order Assignments
Wing Flying Day
Wing Operations Rates
Resupply Schedule
Munitions Tasking [Planned; not included]
Fuels Tasking [Planned; not included]
Wing Tasking [Planned; not included]

The purpose of the tasking products is to give the user several different graphic views of the task, e.g., functional or resource, mission, location, or combinations. It is sometimes difficult to grasp the size of a task from a written order. A sample task might be: for the 23rd TFS at Spangdahlem to fly for 30 days with a 2.6 Ute rate for the first 5 days and a 1.5 Ute rate for the next 25 days. Also, 50% of the sorties will be Offensive Counter Air; 25%, Defense Suppression; 25%, Interdiction. (The 23rd TFS PAA is 16 F-4E and 8 F-4G.) Munitions loads will be ... etc. That task could be rapidly sized with pencil and paper; however, increase the scope of the task to 10, 25, 50, or 150 squadrons and it becomes very difficult to completely comprehend the task.

The screens in this section are interrelated because the data about the task is interrelated. For example, take the case of an F-16A tasked for an interdiction mission with the Durandal munition. Changing the aircraft to an F-4E will change not only the aircraft tasking for F-16 and F-4Es, but also the fuels tasking, because of the different consumption rates of the two aircraft. Additionally, the munitions tasking may change because the F-4E may not be able to carry a Durandal. The point is that changing the data, after reviewing a screen such as the Mission & Aircraft Tasking Detail Summary, will also change the other screens.

It is very desirable to do "what-if" queries by changing the tasking data; however, the user must be aware that changing the data will impact other readiness factors.

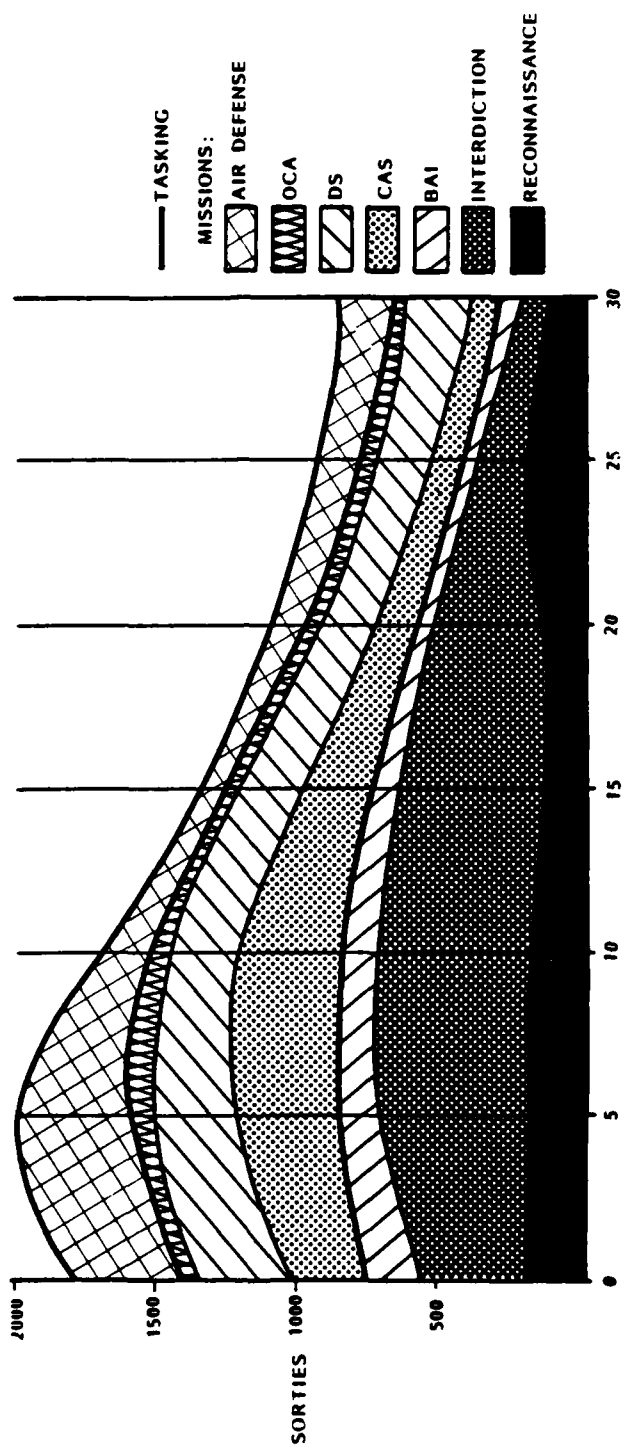
The tasking screens also affect the capability screens in the next Section (1.2). If the unit(s)/task force/MAJCOM capability has been computed, changing the tasking after that computation will necessitate recomputing the capability screens.

A final comment: the products that translate the task into specific tasking, i.e., Mission Profile Definition, Order Assignments, Wing Flying Day, and Wing Operations Rates, have several recommended/suggested changes listed. The changes recommended are not an exhaustive list. The LPP did not permit the development of an operational system. Therefore, further analysis will be needed to develop an operational version of the Sortie Generation Model and the Translate Tasking Module. It is expected that more Translate Tasking products will be needed for the operational system.

CLASSIFICATION
MISSION TASKING
CENTRAL REGION: FIGHTER/RECCE

SCREEN CURRENCY:
 DTG
 SCREEN DATA CURRENCY:
 DTG
 DTG

TASKING: CHANGE 2
 OPORD 4800, 14 AUG 83



SCREEN ID NO.:

0700Z

CLASSIFICATION

20 JUL 83

SCREEN TITLE: MISSION TASKING

SCREEN NUMBER: AF.TASK. .G

SCREEN PURPOSE:

Display the aggregate distribution trends of tasked sorties across multiple missions by day.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, XOIC, XOOIM

SCENARIO: (Reference baseline scenario.)

The CSS is evaluating a USAFE Operations Plan (OPLAN)/OPORD (perhaps for a JCS close-hold task). The CSS wants to review the first 30 days of the aggregate Central Region mission tasking.

CLASSIFICATION:

The normal classification is expected to be SECRET, though it could be TOP SECRET if the OPLAN's security instructions require it. However, if the task is a "what-if" exercise, it could be UNCLASSIFIED. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. The Air Force is using standard acronyms for the missions, i.e., BAI for Battlefield Air Interdiction.
- b. The sortie data may be (1) objective sortie rates for an OPLAN or a what-if query, (2) standard rates from the War Mobilization Plan (WMP) or unit Designed Operational Capability (DOC) statements, or (3) lump sum sorties per day per mission.
- c. Task data has been entered and units tasked.

DATA SOURCE:

The mission data is computed from unit tasking data that a user has input and assigned to units. The unit names and employment dates and locations may be obtained from a war plan through an interface with COMPEX. Unit MDS, PAA, and sortie rates and duration may be obtained from XOIC's Wartime Sortie and Flying Hour program. If the data is not obtained from another system, it must be input by an AFIRMS user.

RELATED SCREENS:

Aircraft Tasking
Mission & Aircraft Tasking Detail Summary
Munitions Tasking [Planned; not included]
Unit Tasking [Planned; not included]
Tabular versions of all except Tasking Detail Summary

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3, 4, 5, 6, and 7

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

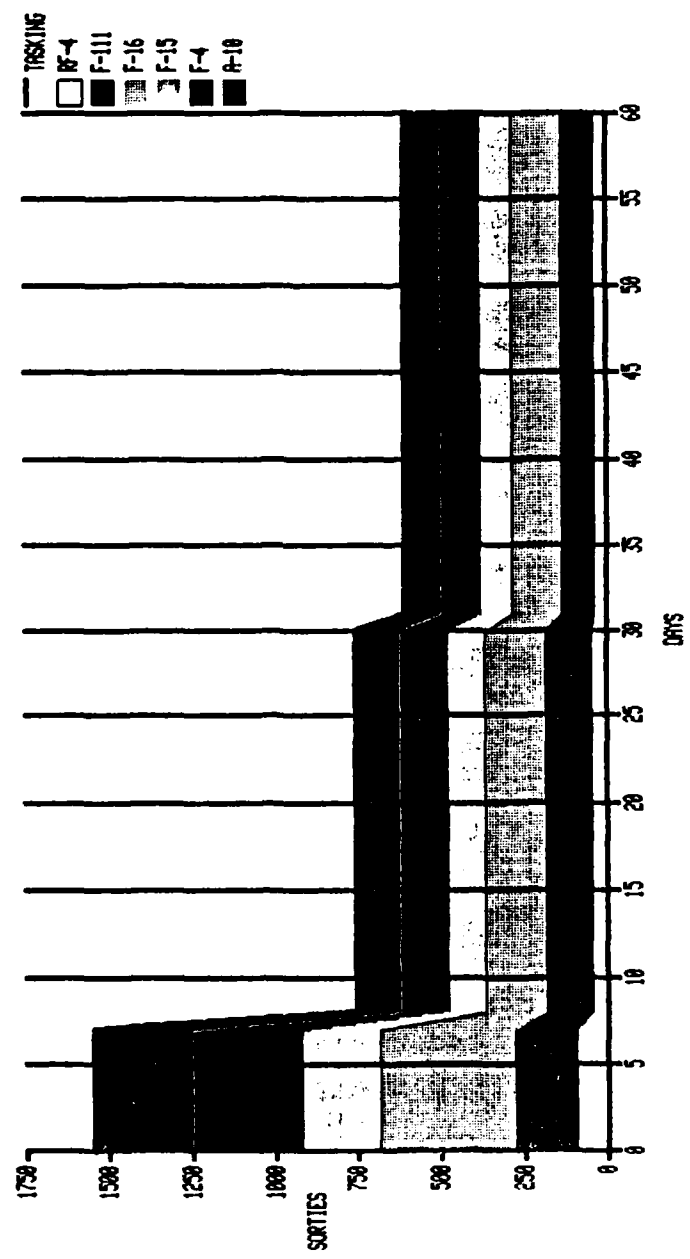
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

TASKING:
OPLAN 40021, 30 APR 1985

UNCLASSIFIED
AIRCRAFT TASKING
USAFE ALL FIGHTER/RECCE

SCREEN CURRENCY:
1 MAY 1985, 0943Z
SCREEN DATA CURRENCY:
DLI: 0102
NEL: 30 APR 1985, 2039Z



1343Z

UNCLASSIFIED

01 May 85

DISPLAY
PAGE
SELECT

TOP
MENU

PREVIOUS
MENU

UPDATE
SCREEN

SCREEN TITLE: AIRCRAFT TASKING

SCREEN NUMBER: AF.TASK. .G

SCREEN PURPOSE:

Display the aggregate distribution trends of tasked sorties for several aircraft MDs by day.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, XOXC, XOOIM

SCENARIO: (Reference baseline scenario)

The CSS is evaluating a USAFE OPLAN or OPOD and, having reviewed the mission tasking, now desires to review the aggregate USAFE tasking by aircraft MDS.

CLASSIFICATION:

The normal classification is expected to be SECRET, though it could be TOP SECRET if the OPLAN's security instructions require it. However, if the task is a "what-if" exercise, it can be UNCLASSIFIED. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. Task data has been entered and units tasked.
- b. The sortie rates may be (1) objective sortie rates from an OPLAN or a what-if query, (2) standard rates from the WMP or unit DOCs, or (3) lump sum sorties per day.
- c. Though the tasking is specific to the unit's MDS (e.g., F-4E, F-4G, F-15A, F-15B, etc.) the tasking is grouped by the aircraft MD (e.g., F-4, F-15) for viewing purposes.

DATA SOURCE:

The mission data is computed from unit tasking data that a user has input. Some of the data may be obtained through an interface with COMPEs and XOXC's Wartime Sortie and Flying Hour program. If the data is not obtained from another system, it must be input by an AFIRMS user.

RELATED SCREENS:

Mission Tasking
Mission & Aircraft Tasking Detail Summary
Munitions Tasking [Planned; not included]
Unit Tasking [Planned; not included]
Tabular versions of all except Tasking Detail Summary

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3, 4, 5, 6, and 7

RECOMMENDED CHANGES:

The legend order of display must be shown in the same order as the graph.

DATA ELEMENTS:

Element Name	ORD #
Order Identification	54A
Order Date	54E
Order Classification	54K
Tasked Unit Name	56A
Order Identification For Tasked Unit	71A
Task Period Start From Day	71B
Task Period End To Day	71C
Resource Type Needed For Total Order	71D
Resource Qty Needed For Total Order	71E

PARAMETER SELECTION SCREEN:

AIRCRAFT TASKING PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 5px;"> <p>1. ORDER IDENTIFICATION</p> <p>2. FORECAST PERIOD IN DAYS 60</p> <p>3. AIRCRAFT MD FIGHTER/RECCE</p> <p>4. MAJOR COMMAND USAFE</p> </div> <div style="border: 1px solid black; width: 80%; margin: 10px auto; padding: 5px; text-align: center;"> <p>Write in a value.</p> </div>			
OPLAN 4002			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
↑	↑	↑	↑

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY	0	1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE			

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY	9	10	11	12	13	14	15	16
-----	---	----	----	----	----	----	----	----

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

SCREEN CURRENCY:
DTG
SCREEN DATA CURRENCY:
DTG
DTG

CLASSIFICATION
MISSION & AIRCRAFT TASKING
DETAIL SUMMARY
CENTRAL REGION: FIGHTER/RECCE
DAY 5

TASKING: CHANGE ?
OPORD 4000, 14 AUG 83

MDS	COUNTER-AIR		DEFENSE SUPPRESS	AIR SUPPORT		INTERDICTION	RECCE	DAILY TOTAL	CUMUL TOTAL
	AIR DEF	OCA		CAS	BAI				
A 10A				240				240	1252
F 4C				38				38	70
F 4D				90				90	212
F 4E		56	48			150		254	1140
F 4G			48					48	250
F 15C	410	88						498	2490
F 16A		120		44	136	175		475	2243
F 111						195		245	1190
RF 4C							140	140	700
DAILY TOTALS	410	264	96	412	136	520	140	2028	XXXX
CUMUL TOTALS	2050	1224	480	1942	852	2059	690	XXXX	9547

SCREEN ID NO.:

0700Z

CLASSIFICATION

15 AUG 83

SCREEN TITLE: MISSION & AIRCRAFT TASKING DETAIL SUMMARY

SCREEN NUMBER: AF.TASK. .T

SCREEN PURPOSE:

Display the detailed summary information for the tasked missions and aircraft.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, XOXIC, XOOIM

SCENARIO: (Reference baseline scenario.)

The CSS has reviewed the aggregate distribution of tasked sorties by mission and aircraft. The CSS now wants to see the specifics of a one-day slice of the multi-day task (it could be the total Air Tasking Order).

CLASSIFICATION:

The normal classification is expected to be SECRET, though it could range from UNCLASSIFIED to TOP SECRET depending on the task's classification instructions. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. The task has been entered and units tasked.
- b. The sortie data is computed from objective or standard sortie rates or is input in lump sum sorties per day per unit.
- c. The tasking is specific to the unit's MDS and is also viewed here by MDS even though it was grouped by MD for the Aircraft Tasking screen.

DATA SOURCE:

The tasking data is computed from unit tasking data that a user has input. Some of the data may be obtained through an interface with COMPEs and XOXIC's Wartime Sortie and Flying Hour program. If the data is not obtained from another system, it must be input by an AFIRMS user.

RELATED SCREENS:

- Mission Tasking
- Aircraft Tasking
- Munitions Tasking [Planned; not included]
- Unit Tasking [Planned; not included]
- Tabular versions of all except Tasking Detail Summary

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Line Highlighter

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 3, 4, 5, 6, and 7

RECOMMENDED CHANGES: None

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

WORKING: TESTRACTUAL 24 JAN 1965

UNCLASSIFIED WAR MOBILIZATION PLAN VOL 5 - EXTRACT

SCREEN CURRENCY: 15 MAY 1965, 1823Z
SCREEN DATA CURRENCY: DTIC
DL: 24 JAN 1965, 1523Z

JMP LABEL	SEGMENT DAY FROM TO	SORTIES PER DAY MD	PER DAY PER A/C RATE	SORTIE DURATION
TESTRACTUAL	0	A-10	2.7	1.5
		A-7	2.7	1.5
		EF-111	1.3	2.5
		F-111	1.3	2.5
		F-15	2.4	1.3
		F-16	2.8	1.5
		F-4	2.8	1.3
		RF-4	2.6	1.5
		A-10	1.2	1.5
		A-7	1.2	1.5
TESTRACTUAL	7	29		
		EF-111		2.5
		F-111		2.5
		F-15	2	1.3
		F-16	2.2	1.5
		F-4	2.2	1.3
		RF-4	1.2	1.5
		A-10		1.5
		A-7		1.5
		EF-111		2.5
TESTRACTUAL	30	365		
		A-7		1.5
		EF-111	7	2.5
		F-111	7	2.5
		F-15	1	1.3
		F-16	1	1.5
		F-4	1	1.3

1842

UNCLASSIFIED

15 May 65

PAGE 1 OF 2

PAGE REV
 HALF PG
 PAGE FND
 DATA W/ISSG DATA
 NO UP SECRET
 DELETE UP SECRET
 1842

SCREEN TITLE: WAR MOBILIZATION PLAN

SCREEN NUMBER: AF.TASK. .T

SCREEN PURPOSE:

Display the War Mobilization Plan (WMP) Volume 5 planning factors.

USERS:

PRIMARY: CSS

SUPPORTING: XOXC, LRC

SCENARIO: (Reference baseline scenario.)

The CSS is reviewing the War Mobilization Plan (WMP) planning factors used in building the task/OPLAN.

CLASSIFICATION:

Normally this screen will be classified SECRET. However, "what-if" versions may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

The sortie rates and duration will be the same for all units with the same MDS.

DATA SOURCE:

The data for this task may be input by the user, transmitted to HQ USAF by a MAJCOM via AFIRMS, or obtained by an interface to COMPEX or XOXC's Wartime Sortie and Flying Hour program.

RELATED SCREENS:

Order Assignments
Wing Flying Day

DISPLAY SCREEN FEATURES: (See Product Display Screen Feature\$, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Descriptions, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, and 26.

RECOMMENDED CHANGES:

Use aircraft MDS versus MD.

DATA ELEMENTS:

Element Name

DRD #

- | | |
|------------------------|-----|
| Order Identification | 54A |
| Order Date | 54E |
| Order Change Number | 54G |
| Order Classification | 54K |
| Task Period Start Day | 71B |
| Task Period End Day | 71C |
| Resource Type Required | 71D |
| Aircraft Sortie Rate | 71F |
| Sortie Duration | 71G |

PARAMETER SELECTION SCREEN:

WAR MOBILIZATION PLAN PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1
<p>1. WMP LABEL</p> <p>2. WMP SEGMENT FROM DAY ALL</p> <p>3. WMP MDS ALL</p>									
<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 10px;"> <p style="text-align: center;">Write in a value.</p> </div>									
TESTACTUAL									
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑	8	7	6	5	4
KEY # 1	2	3	4	5	6	7	8	9	10
1ST ARRAY OF PARAMETER SCREEN KEYS									
←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	16	15	14
KEY # 9	10	11	12	13	14	15	16	17	18
2ND ARRAY OF PARAMETER SCREEN KEYS									

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 15 MAY 1985,1251Z
 OLD: DTG Z
 NEW: 24 JAN 1985,1523Z

UNCLASSIFIED
 WAR MOBILIZATION PLAN
VOL 5 - EXTRACT

TASKING:
 TESTACTUAL

AMP LABEL	SEGMENT DAY FROM TO	SORTIES PER DAY	PER A/C	RATE	SORTIE DURATION
TESTACTUAL	16	A-10	2.7	1.5	1.5
		A-7	2.7	1.5	1.5
		EF-111	1.3	2.5	2.5
		F-111	1.3	2.5	2.5
		F-15	2.4	1.3	1.3
		F-16	2.8	1.5	1.5
		F-4	2.8	1.3	1.3
		RF-4	2.6	1.5	1.5
TESTACTUAL	17	A-10	1.2	1.5	1.5
		A-7	1.2	1.5	1.5
		EF-111	1	2.5	2.5
		F-111	1	2.5	2.5

PAGE 1 OF 2

15 May 85

UNCLASSIFIED

1251Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

UNCLASSIFIED
MISSION PROFILE DEFINITION

SCREEN CURRENCY:
29 APR 1985, 1455Z
SCREEN DATA CURRENCY: 010Z
EJL: 29 JAN 1985, 124Z

MISSION PROFILE LABEL	PERIOD FROM TO	MISSION TYPE	MISSION PRIORITY	FUEL CONSUMED (GAL.)	SCL	SCL PRI
TESTACTUAL	0 6	AD-F-15	1	2100	UF004Q	1
					UF008Q	2
					UF001Q	3
					UF007Q	4
					UF005Q	5
					UF002Q	6
					UF003Q	7
					UF006Q	8
TESTACTUAL	0 6	AD-F-16	1	1200	UH001Q	1
					UH002Q	2
TESTACTUAL	0 6	AD-F-4	1	2400	UE001Q	1
					UE002Q	2
					UE003Q	3
TESTACTUAL	0 6	BAI-A-10	2	1000	UA103Q	1
					UA101Q	2
					UA106Q	3
					UA109Q	4
TESTACTUAL	0 6	BAI-F-16	3	1200	UH104Q	1
					UH103Q	2
					UH106Q	3
TESTACTUAL	0 6	BAI-F-4	3	2400	UE105Q	1

PAGE 1 OF 9

29 APR 85

UNCLASSIFIED

1652

SCREEN TITLE: MISSION PROFILE DEFINITION

SCREEN NUMBER: AF.TASK. .T

SCREEN PURPOSE:

Display the mission priorities and aircraft SCL assignments for the respective time periods used in unit tasking and readiness assessments.

USERS:

PRIMARY: CSS

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

Having reviewed the aircraft and mission tasking, the CSS is reviewing the mission priorities and aircraft SCLs used by the missions in that tasking.

CLASSIFICATION:

This display will normally be classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

These assumptions may not suit everyone and the changes recommended below will relieve some of those concerns. As it stands, this product served its purpose for the LPP. For this PD, it serves as an example of a product needed to define the mission for the task.

- a. The Mission Priority is the same for all units flying a mission (with the aircraft MD).
- b. The user is familiar with all MDs and can accurately estimate the amount of fuel each MD will use. Inherent in this fuel calculation is the assumption that the sortie duration will be the same for all units and that the maximum unrefueled sortie length is not exceeded.
- c. SCL priority is the same for all units flying the mission (with the aircraft MD).
- d. Each sortie expends all of its munitions.

DATA SOURCE:

The data is input by the user or transmitted to HQ USAF by a MAJCOM via AFIRMS.

RELATED SCREENS:

Order Assignments
Wing Flying Day
Wing Operations Rates
Wing Resource Summary

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Mission Priority is a unit oriented priority and should be moved to Order Assignments.
- b. Fuel (gal.) should be removed as a usage input and calculated by the computer based on MDS, sortie duration, and mission. A screen will be needed to input and update this fuel usage table.
- c. Mission and MDS must be separate columns.
- d. An expenditure per sortie factor (EPSF) table must be added so the computer can compute the amount of munitions and aircraft tanks, racks, adapters, and pylons (TRAP) resources that are expended on each sortie. (The SCL is not completely expended on each sortie.)
- e. Aircraft and aircrew combat attrition rates (a function of mission, MDS, and time) should be added to this product. Other columns should be added for WMP combat attrition rates as a reference for the user (non-WMP rates may be used for "what-if" queries).

DATA ELEMENTS:

Element Name

DRD #

- | | |
|--------------------------------------|----|
| Resource Type Needed for Task | 8A |
| Task Type Set Identifier | 8B |
| Resource Priority | 8D |
| Standard Quantity of Resource Needed | 8E |
| Task Priority | 9B |
| Task Period Start Day | 9E |
| Task Period End Day | 9F |

PARAMETER SELECTION SCREEN:

MISSION PROFILE DEFINITION PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<p>1. MISSION PROFILE LABEL</p> <p>2. TASKING PERIOD START DAY ALL PERIODS</p> <p>3. MISSION TYPE ALL MISSIONS</p> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto; text-align: center; vertical-align: middle;"> Write in a value, </div>			
TESTACTUAL			
DISPLAY PRODUCT		RETURN TO TOP MENU	HELP
		RETURN PREVIOUS MENU	
			↑

KEY # 1 2 3 4 5 6 7 8
1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD		DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15

KEY # 9 10 11 12 13 14 15 16
2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 30 MAY 1985,1040Z
OLD: DTG Z
NEW: 29 MAY 1985,1429Z

UNCLASSIFIED
MISSION PROFILE DEFINITION

MISSION PROFILE LABEL	PERIOD	MISSION TYPE	MISSION PRIORITY	FUEL CONSUMED	SCL	SCL PRI
TESTACTUAL	0 6	AD-F-15	1	2100	UF004Q 1	
					UF008Q 2	
					UF001Q 3	
					UF007Q 4	
					UF005Q 5	
					UF002Q 6	
					UF003Q 7	
					UF006Q 8	
TESTACTUAL	0 6	AD-F-16	1	1200	UH001Q 1	
					UH002Q 2	
TESTACTUAL	0 6	AD-F-4	1	2400	UE001Q 1	

PAGE 1 OF 18

30 May 85

UNCLASSIFIED

1040Z

DISPLAY	LINE	TOP	PREVIOUS	UPDATE	
PARM	HIGHLIGHT	MENU	MENU	SCREEN	->
SELECT	TOGGLE				

SEGMENT 1 OF 1

ASKING:
TESTACTUAL 30 APR 1985

UNCLASSIFIED ORDER ASSIGNMENTS

SCREEN CURRENCY:
1 MAY 1985, 0942Z
SCREEN DATA CURRENCY:
DTG: 0102
REF: 30 APR 1985, 2030Z

ATO LABEL	PERIOD		WING ID	TOTAL WMP SORTIES PER DAY	MISSION TYPE-MD	SORTIES PER DAY
	FROM	TO				
TESTACTUAL	0	6	10TRW 20TFW	46 101	RECCE-RF-4 INTD-F-111	47 22
TESTACTUAL	0	6	26TRW 32TFS	46 57	OCRA-F-111 RECCE-RF-4 AD-F-15	64 47 58
TESTACTUAL	0	6	35TFW	172	OCRA-F-15	0
TESTACTUAL	0	6	40ITFW	173	AD-F-15 OCRA-F-15 AD-F-16	0 0 0
TESTACTUAL	0	6	48TFW	101	BAY-F-16 CAS-F-16 INTD-F-16 OCRA-F-16	0 0 0 0
TESTACTUAL	0	6	50TFW	201	INTD-F-111 OCRA-F-111 AD-F-16 BAY-F-16 CAS-F-16 INTD-F-16 OCRA-F-16	25 76 67 68 67 0 0
TESTACTUAL	0	6	52TFW	201	AD-F-16	0

17392

UNCLASSIFIED

1 May 85

PAGE 1 OF 4

PAGE REV
 HALF PG
 PAGE FWD
 CHANGE ATO LINE
 ADD ATO LINE
 DELETE ATO LINE
 SORTIES

SCREEN TITLE: ORDER ASSIGNMENTS

SCREEN NUMBER: AF.TASK. .T

SCREEN PURPOSE:

Display the mission and sortie assignments of the tasked units.

USERS:

PRIMARY: CSS

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

Having reviewed the aircraft and mission tasking, the CSS is reviewing the assigned mission and sortie tasking of the units tasked in USAFE's OPLAN/task.

CLASSIFICATION:

This product will normally be classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

The WMP sortie data is a reference figure and is not a "do not exceed" limit.

DATA SOURCE:

The data is input by the user or transmitted to HQ USAF by a MAJCOM via AFIRMS.

RELATED SCREENS:

War Mobilization Plan
Wing Flying Day
Wing Operations Rates
Mission Profile Definition
Aircraft Tasking
Mission Tasking
Mission & Aircraft Tasking Detail Summary
Munitions Tasking [Planned; not included]
Unit Tasking [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Add a column for mission priority. It is presently on the Mission Profile Definition product and must be moved to this product because the mission priority is unit oriented.
- b. Add a column for Wing Priority within the order. This is needed for the instances when there is more than one wing or unit at a base. It is not unusual for a contingency OPLAN to have a reconnaissance unit and a fighter unit at the same base. In addition, the base may also be an airlift base (e.g., Ramstein). This addition is also beneficial for the dollars to readiness "sortie buy back" methodology.
- c. Separate the Mission Type MD column into two columns: one for Mission Type and one for MDS.
- d. Add columns to allow for up to 4 unit MDSSs.
- e. Add a column for Unit Employment Day. This will tell AFIRMS when the unit is available for tasking. (Some units have to deploy to be tasked.)
- f. Add a column for the base name where the unit will be tasked. (Not all units fight at home.)
- g. A column may need to be added to this product for Sortie Duration which is presently on the Wing Flying Day product. Sortie Duration normally varies for the different types of mission, e.g., an Interdiction mission is normally a longer mission than a Close Air Support mission.

DATA ELEMENTS:

Element Name	DRD #
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Tasked Unit Name	56A
Base Name - Unit Employment Location	56E
Unit Employment Day	56F
Total WMP Sorties Per Day	56M
Task Period Start Day	59D
Task Period End Day	59E
Mission Type	59G
Sortie Per Day	59K
Mission Priority	59L
Resource Type In Unit Of Order	74B

PARAMETER SELECTION SCREEN

ORDER ASSIGNMENTS PARAMETER SCREEN			
ENVIRONMENT: PEACE	EXERCISE	CRISIS	PAGE 1 of 1
<p>1. ORDER IDENTIFICATION</p> <p>2. WMP LABEL TESTACTUAL</p> <p>3. ORDER START PERIOD ALL PERIODS</p> <p>4. MISSION TYPE ALL MISSIONS</p> <p>5. UNIT NAME ALL UNITS</p>			
TESTACTUAL.			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	→	→	→

Write in a value.

KEY #	1	2	3	4	5	6	7	8
1ST ARRAY OF PARAMETER SCREEN KEYS								
←	PAGE REVERSE	FULL PG	PAGE FORWARD		SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	
KEY #	9	10	11	12	13	14	15	16

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 16 MAY 1965, 0901Z
 OLD: 076 Z
 NEW: 7 MAY 1965, 1821Z

UNCLASSIFIED
 ORDER ASSIGNMENTS

TASKING:
 TESTACTUAL

IATO ILABEL	PERIOD		MING ID	TOTAL MP SORTIES PER DAY	MISSION TYPE- ID	SORTIES PER DAY
	FROM	TO				
TESTACTUAL	0	16	10TRM	146	RECCE-RF-4	147
			20TFM	101	INTD-F-111	22
					UCA-F-111	64
TESTACTUAL	0	16	26TRM	146	RECCE-RF-4	147
			32TFS	57	AD-F-15	58
					UCA-F-15	0
TESTACTUAL	0	16	36TFM	172	AD-F-15	173
					UCA-F-15	0
TESTACTUAL	0	16	401TFM		AD-F-16	0
					BAI-F-16	0
					CAS-F-16	0

PAGE 1 OF 8

16 May 65 UNCLASSIFIED 0901Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			
				→

WORKING:
TESTRACTUAL, 30 APR 1985

UNCLASSIFIED
WING FLYING DRY

SCREEN CURRENCY:
1 MAY 1985, 0912Z
SCREEN DATA CURRENCY:
0102Z
REV: 30 APR 1985, 2030Z

WING DESIG	CURRENT NO	PLANNED NO	FLYING DRY START TIME	QUAR- TION	IMP SORTIE DURATION	PLANNED SORTIE DURATION	SHIFT DUR- TION	SHIFT START TIME	PERCENT FORMED AIRCREW
TESTRACTUAL	1817N	18-4	0700	24	1.5	1.7	12	0700	50
TESTRACTUAL	2817N	18-111	0700	16	2.5	1.7	8	0700	50
TESTRACTUAL	2817N	18-4	0700	24	1.5	1.7	12	0700	50
TESTRACTUAL	3217N	18-15	0700	24	1.5	1.7	12	0700	50
TESTRACTUAL	3617N	18-15	0700	24	1.5	1.7	12	0700	50
TESTRACTUAL	4017N	18-11	0700	16	2.5	1.7	8	0700	50
TESTRACTUAL	5017N	18-16	0700	12	1.5	1.7	12	0700	100
TESTRACTUAL	5217N	18-4	0700	24	1.5	1.7	12	0700	100
TESTRACTUAL	8117N	18-10	0700	24	1.5	1.7	12	0700	50
TESTRACTUAL	8617N	18-4	0700	12	1.5	1.7	12	0700	100

PRICE 1 OF 1

01 May 85

UNCLASSIFIED

1072

CHANGE ATO SEQ DATA

DELETE ATO SECRET

PRUF PG

SCREEN TITLE: WING FLYING DAY

SCREEN NUMBER: AF.TASK. .T

SCREEN PURPOSE:

Display the unit aircrew flying operations planned for the tasked units.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, XOOIM

SCENARIO: (Reference baseline scenario.)

Having reviewed the aircraft and mission tasking, the CSS is reviewing the planned or required flying operations for the unit aircrews tasked in USAF's OPLAN/task.

CLASSIFICATION:

This display will normally be classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. The WMP sortie duration is for reference use and is not a limiting item.
- b. Flying day start time is the first planned sortie departure time for the day.
- c. Shift start time is also the first planned sortie departure time.
- d. Aircrew shifts can overlap.
- e. Planned MD is for out-year computations.

DATA SOURCE:

The data is input by the user or transmitted to HQ USAF by a MAJCOM via AFIRMS.

RELATED SCREENS:

Aircraft Tasking
Mission & Aircraft Tasking Detail Summary
Mission Profile Definition
Mission Tasking
Order Assignments
War Mobilization Plan
Wing Operations Rates
Munition Tasking [Planned; not included]
Unit Tasking [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Change the Planned MD to Planned MDS.
- b. Add a column for Planned PAA.
- c. Change the Current MD to Current MDS.
- d. Add a column for Planned Number of Aircrews.
- e. Add columns for out-year number of aircrews qualified in required weapons and/or missions e.g., AGM-65, Wild Weasel.
- f. Analysis is needed to determine if time periods are also needed for this product. For example, the aircrew "crew day" length or shift duration may be 16 hours but that cannot be maintained for a long period of time. Therefore, it would seem appropriate that a wing's flying day should also be variable by day.
- g. The Sortie Duration may vary by type of mission. For example, a unit will fly a longer sortie duration for an Interdiction mission than for a Close Air Support mission. Therefore, the Planned Sortie Duration may need to be moved to the Order Assignments product.
- h. If analysis shows that this product does need time periods as suggested in recommendation f above, then another product may be needed for the static data such as Planned and Current MDS, Planned PAA and Planned aircrews from this product as well as Employment Day and Employment Location from the Order Assignments product.

DATA ELEMENTS:

Element Name

- Order Identifier
- Order Date
- Order Change Number
- Order Classification
- Tasked Unit Name
- Unit WMP Sortie Duration
- Unit Planned Sortie Duration
- Fly Day Start Time
- Fly Day Duration
- Shift Aircrew Percentage
- Shift Start Time
- Shift Duration

DRD #

- 54A
- 54E
- 54G
- 54K
- 56A
- 71G
- 56J
- 89N
- 89P
- 89Q
- 89Q
- 56K

PARAMETER SELECTION SCREEN:

WING FLYING DAY PARAMETER SCREEN									
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1					
<p>1. ORDER IDENTIFICATION</p> <p>2. WMP LABEL TESTACTUAL</p> <p>3. UNIT NAME ALL UNITS</p>									
<div style="border: 1px solid black; width: 100%; height: 100px; margin: 10px auto;"> <p style="text-align: center;">Write in a value.</p> </div>									
TESTACTUAL									
DISPLAY PRODUCT				RETURN TO TOP MENU	4	5	6	7	8
				RETURN PREVIOUS MENU			HELP		→

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	HALF PG	PAGE FORWARD			
KEY # 9	10	11	12	13	14	15	16
				SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 16 MAY 1985,1124Z
 OLD: DTG Z
 NEW: 8 MAY 1985,1830Z

UNCLASSIFIED
 HING FLYING DAY

TESTACTUAL	HING DESIG	CURRENT IND	PLANNED IND	FLYING DAY START TIME	DURA- TION	JMP SORTIE	PLANNED DURATION	SHIFT DURA- TION	SHIFT START	PERCENT FORMED
	10TRH	RF-4	RF-4	0700	24		1.7	12	0700	50
	20TFH	F-111	F-111	0700	16		1.7	8	0700	50
	26TRH	RF-4	RF-4	0700	24		1.7	12	0700	50
	32TFS	F-15	F-15	0700	24		1.7	12	0700	50
	36TFH	F-15	F-15	0700	24		1.7	12	0700	50
	401TFH		F-16	0700	12		1.7	12	0700	100

PAGE 1 OF 2

16 May 85

UNCLASSIFIED

1124Z

SEGMENT 1 OF 1

DISPLAY LINE	TOP	PREVIOUS	UPDATE
PARAM HIGHLIGHT	MENU	MENU	SCREEN
SELECT TOGGLE			->

UNCLASSIFIED WING OPERATIONS RATES

SCREEN CURRENCY: 15 MAY 1985, 1115Z
 SCREEN DATA CURRENCY: 010Z
 U.D.:
 M.C.: 1 MAY 1985, 1422Z

RATE LABEL	PERIOD FROM TO	WING DESIGN	TURN TIME RATE %	MAINT ATTRIT RATE %	COMBAT ATTRIT RATE %	ACFT REPAIR RATE %	MINIMUM TIME BETW TAKEOFFS
TESTACTUAL	0	10TRW	2	10	2	95	3
		20TFW	2	10	2	80	3
		26TRW	2	10	2	95	3
		32TFS	2	10	2	95	3
		36TFW	2	10	2	95	3
		401TFW	2	10	2	95	3
		48TFW	2	10	2	80	3
		50TFW	2	10	2	95	3
		52TFW	2	10	2	95	3
		81TFW	2	10	2	95	3
		86TFW	2	10	2	95	3
TESTACTUAL	7	10TRW	2	10	1	95	3
		20TFW	2	10	1	80	3
		26TRW	2	10	1	95	3
		32TFS	2	10	1	95	3
		36TFW	2	10	1	95	3
		401TFW	2	10	1	95	3
		48TFW	2	10	1	80	3
		50TFW	2	10	1	95	3
		52TFW	2	10	1	95	3
		81TFW	2	10	1	95	3
		86TFW	2	10	1	95	3

PRICE 1 OF 2

01 May 85

1514Z

PAGE REV
 HALF PG
 PRICE FWD
 CHANGE RATE DATA
 ADD RATE LINE
 DELETE RATE LINE
 PAGES

SCREEN TITLE: WING OPERATIONS RATES

SCREEN NUMBER: AF.TASK. .T

SCREEN PURPOSE:

Display the operation rates to be used by the tasked units in the OPLAN/task.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

Having reviewed the aircraft and mission tasking, the Battle Staff is reviewing the operation rates and data planned for the units tasked in USAFE's OPORD/task.

CLASSIFICATION:

This display will normally be classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

The data is input by the user or transmitted to HQ USAFE by HQ USAF via AFIRMS. This type of data is expected to be maintained by the unit (turn time, maint attrition, etc.). However, the user may modify it as needed for "what-if" queries.

RELATED SCREENS:

Aircraft Tasking
Mission Tasking Detail Summary
Mission Profile Definition
Mission Tasking
Order Assignments
Wing Flying Day
Munition Tasking [Planned; not included]
Unit Tasking [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Delete Combat Attrition rate from here and move to the Mission Profile Definition product.
- b. Add aircraft Battle Damage Repair (BDR) rate.

DATA ELEMENTS:

Element Name

- Order Identifier
- Order Classification
- Tasked Unit Name
- Turn Time For Unit Order
- Period Start Day
- Period End Day
- Maint Attrit Rate For Unit Order
- Aircraft Repair Rate For Unit Order
- Min Time Between Takeoffs For Unit Order
- Combat Attrition Rate For Unit Order

DRD #

- 54A
- 54K
- 59B
- 59C
- 59D
- 59E
- 59F
- 59H
- 59I
- 59J

PARAMETER SELECTION SCREEN:

WING OPERATIONS RATES PARAMETER SCREEN									
ENVIRONMENT:			PEACE	EXERCISE	CRISIS	PAGE 1 of 1			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 30%;"> <p>1. RATE LABEL</p> <p>2. TASKING PERIOD START DAY ALL DAYS</p> <p>3. UNIT NAME ALL UNITS</p> </div> <div style="width: 40%; border: 1px solid black; padding: 10px; text-align: center;"> <p>Write in a value.</p> </div> <div style="width: 25%; text-align: right;"> <p>↑</p> </div> </div>									
TESTACTUAL									
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP						
KEY # 1	2	3	4	5	6	7	8		
1ST ARRAY OF PARAMETER SCREEN KEYS									
←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE			
KEY # 9	10	11	12	13	14	15	16		
2ND ARRAY OF PARAMETER SCREEN KEYS									

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 16 MAY 1985,1151Z
 OLD: DTG Z
 NEW: 1 MAY 1985,1423Z

UNCLASSIFIED
 HING OPERATIONS RATES

IRATE	IPERIOD	IMING	ITURN	IMAIN	ICOMBAT	IMINIMUM		
ILABEL	IFROM	IDESIG	IATTRIT	IATTRIT	IREPAIR	ITIME BETH		
			IRATE	%RATE	%RATE	%TAKEOFFS		
ITESTACTUAL	10	16	110TRW	12	110	12	195	13
			120TFM	12	110	12	180	13
			126TRW	12	110	12	195	13
			132TFS	12	110	12	195	13
			136TFM	12	110	12	195	13
			1401TFM	12	110	12	195	13
			148TFM	12	110	12	180	13
			150TFM	12	110	12	195	13
			152TFM	12	110	12	195	13
			181TFM	12	110	12	195	13
			186TFM	12	110	12	195	13

PAGE 1 OF 3

16 May 85

UNCLASSIFIED

1150Z

SEGMENT 1 OF 1

DISPLAY LINE	TOP	PREVIOUS	UPDATE
PARAM HIGHLIGHT	MENU	MENU	SCREEN
SELECT TOGGLE			->

**UNCLASSIFIED
RESUPPLY SCHEDULE**

SCREEN CURRENCY:
29 APR 1985, 1832Z
SCREEN DATA CURRENCY:
TLD: 016Z
REL: 29 APR 1985, 0946Z

RESUPPLY LABEL	WING DESIGNATION	RESUPPLY DAY	NUMBER AIRCRAFT	NUMBER AIRCREW	GALLONS FUEL	MUNITION TYPE	AMOUNT
TESTACTUAL	32TFS	1	13	10	12800	AIM-7E	125
TESTACTUAL	32TFS	2	13	10	12800	AIM-9P	200
TESTACTUAL	36TFW	1	9	23	43334	AIM-7E	125
TESTACTUAL	36TFW	2	9	23	43334	AIM-9P	200
TESTACTUAL	36TFW	3	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	4	9	23	43334	AIM-9P	400
TESTACTUAL	36TFW	5	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	6	9	23	43334	AIM-9P	400
TESTACTUAL	36TFW	7	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	8	9	23	43334	AIM-9P	400
TESTACTUAL	36TFW	9	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	10	9	23	43334	AIM-9P	400
TESTACTUAL	36TFW	11	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	12	9	23	43334	AIM-9P	400
TESTACTUAL	36TFW	13	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	14	9	23	43334	AIM-9P	400
TESTACTUAL	36TFW	15	9	23	43334	AIM-7E	500
TESTACTUAL	52TFW	1	10	25	55790		400

PRICE 1 OF 3

29 Apr 85

UNCLASSIFIED

1832Z

PRICE REV

PRICE FWD

CHANGE RESUPPLY DATA

GO RESUPPLY DATA

PRINT RESUPPLY DATA

ENTER

SCREEN TITLE: RESUPPLY SCHEDULE

SCREEN NUMBER: AF.STAT. .T

SCREEN PURPOSE:

Display the resource resupply schedule planned for the units tasked in the USAFE OPLAN/task.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, XOOIM

SCENARIO: (Reference baseline scenario.)

Having reviewed the various capability products, the CSS is reviewing the resupply schedule for the tasked units.

CLASSIFICATION:

This display will normally be UNCLASSIFIED but may be classified SECRET for some theatre OPLAN resupply schedules.

ASSUMPTIONS:

- a. The fuel resupplied is the same type that is stocked at the unit's base.
- b. The unit is employed in-place.
- c. Munitions quantities are "whole up" rounds.

DATA SOURCE:

The data is input by the user or transmitted to HQ USAF by a MAJCOM via AFIRMS. This type of data (dispensing theatre depot stocks to the units) is expected to be maintained by the MAJCOM for a particular OPLAN. It may also be maintained and used by the MAJCOM and the Air Staff to update unit resource inventories with planned out-year purchases for out-year Program Objective Memorandum (POM) assessments.

RELATED SCREENS:

Integrated Capability
Individual Resource Capability
Fuels Capability
Base Fuels Capability
Munitions Capability
Aircraft Capability [Planned; not included]
Aircrew Capability [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Add a column for fuels type. Need to distinguish between the different grades of fuel being resupplied.
- b. Add a column for Unit Resupply Base (should equal the employment base). As currently designed, the quantity resupplied added to the unit's home base current amount -- which is alright if the unit is employed in-place.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Unit Name Owning Resource	13A
Resource Name	13B
Resource Resupply Label	20H
Resource Resupply Day	20F
Resource Resupply Quantity	20F

PARAMETER SELECTION SCREEN:

RESUPPLY SCHEDULE PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
			PAGE 1 of 1
<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; width: 80%; height: 80%; display: flex; align-items: center; justify-content: center;"> <p>Write in a value.</p> </div> </div>			
TESTACTUAL			
DISPLAY PRODUCT		RETURN TO TOP MENU	RETURN PREVIOUS MENU
		HELP	
			↑

1. RESUPPLY LABEL
2. UNIT NAME
ALL UNITS
3. RESUPPLY DAY
ALL DAYS
4. MUNITION TYPE
ALL MUNITIONS

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

PAGE REVERSE	FULL PG	PAGE FORWARD		SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
	HALF PG					

KEY # 9 10 11 12 13 14 15 16

2ND ARRAY OF PARAMETER SCREEN KEYS

--	--	--	--	--	--	--

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 16 MAY 1985,1536Z
 OLD: DTG Z
 NEW: 29 APR 1985,0946Z

UNCLASSIFIED
 RESUPPLY SCHEDULE

RESUPPLY LABEL	WING DESIGNATION	DAY	RESUPPLY NUMBER	AIRCRAFT	NUMBER	GALLONS	MUNITION TYPE	AMOUNT
TESTACTUAL	32TFS	1	13	10	12800	AIM-7E	125	
TESTACTUAL	32TFS	2	13	10	12800	AIM-7E	125	
TESTACTUAL	36TFW	1	9	23	43334	AIM-9P	200	
TESTACTUAL	36TFW	2	9	23	43334	AIM-9P	400	
TESTACTUAL	36TFW	3	9	23	43334	AIM-7E	500	
		4	9	23	43334		500	
		5	9	23	43334		500	
		6	9	23	43334		500	

PAGE 1 OF 5

16 May 85

UNCLASSIFIED

1535Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

UNCLASSIFIED
OPLAN/OPORD ASSOCIATIONS
RUNS OF THE SORTIE GENERATION MODEL

SCREEN CURRENCY:
 21 MAY 1985, 1622Z
 SCREEN DATA CURRENCY:
 0112Z
 FILE: 19 MAY 1985, 2112Z

OP/ORD LABEL	OP/ORD IN TASK SET	MISSION PROFILE DEFINITION SET	WING OPERATIONS RATES SET	WING RESOURCE SUMMARY SET	WING FLYING DAY SET	WING RESUPPLY SCHEDULE SET	REMARKS
OP/ORD 4000	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	OP/ORD 4000	
OP/ORD 4001	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL		
OP/ORD 4002	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL		
OP/ORD 4003	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL		
TEST 1	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	RESUP-1	THIS IS A TEST RECORD
TEST 10	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	10 DAY TEST RUN OF SGM
TEST 15	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	15 DAY TEST RUN OF SGM
TEST 29	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	
TEST 30	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	30 DAY TEST OF SGM
TEST 30-H	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	TEST 30 WITH MINUTS. UNRESTR.
TEST 35	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	
TEST 363	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	
TEST 40	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	40 DAY TEST OF SGM
TEST 60	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	60 DAY TEST OF SGM MODEL
TEST 7	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	7 DAY TEST RUN OF SGM
TEST 70	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	70 DAY TEST
TEST 8	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	8 DAY TEST RUN OF SGM
TEST 9	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	9 DAY TEST RUN OF SGM
TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL TEST DATA (UNCLASS)
TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TEST HALL RESUPPLY LABEL

1842

UNCLASSIFIED

21 May 85

PAGE 1 OF 2

SCREEN TITLE: OPLAN/OPORD ASSOCIATIONS

SCREEN NUMBER: AF.TASK. .T

SCREEN PURPOSE:

Display the on-line runs already made with the Sortie Generation Model (SGM) and provide the means to associate different sets of tasking and resource data together for input to the SGM. This also facilitates "what-if-ing" unit readiness/capability issues, e.g., unit tasking with a different distribution of resources.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, XOOIM

SCENARIO: (Reference baseline scenario.)

The user wants to either (1) see what OPLAN/OPORD labels to use as parameter choices for the Tasking and Capability products, (2) see what tasking and resource data sets were used for a specific run of the SGM, or (3) set up a run of the SGM. The model uses the OPLAN/OPORD Label from this product to execute a model run.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTION: None.

DATA SOURCE: The user.

RELATED SCREENS:

All of the products in this section and section 1.2.

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3-7, and 9-16.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name	DRD #
Order Identifier	54A
SGM Days in Run	54Q
Unit Order Identifier (Asgn)	56D
Task Type Set Identifier (Msn)	8B
Unit Operations Identifier	IE
Resource Set Identifier	13D
Unit Order Identifier (Fly)	56D
Resource Resupply Identifier	20H
SGM Remarks	54R

PARAMETER SELECTION SCREEN:

OPLAN/OPORD ASSOCIATIONS PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; width: 80%; height: 80%; display: flex; align-items: center; justify-content: center;"> <p>Write in a value.</p> </div> </div>			
<ol style="list-style-type: none"> 1. OPLAN/OPORD LABEL 2. RESOURCE SET LABEL TESTACTUAL 3. MISSION PROFILE SET TESTACTUAL 4. ORDER ASSIGNMENT SET TESTACTUAL 5. WING OPERATIONS SET TESTACTUAL 6. WING FLYING DAY SET TESTACTUAL 7. RESUPPLY SCHEDULE SET 			
OPLAN 9000			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
↑	←	→	↓

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	
KEY # 9	10	11	12	13	14	15	16

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 21 MAY 1985,1347Z
 CLN: 870
 NSN: 19 MAY 1985,211Z

UNCLASSIFIED
 UPLAN/OPORD ASSOCIATIONS
 NAME OF THE BATTLE OPERATIONAL MODEL

UPLAN OPORD LABEL	UPLAN 4000	UPLAN 4001	UPLAN 4002	UPLAN 4003	UPLAN 4004	UPLAN 4005	UPLAN 4006	UPLAN 4007	UPLAN 4008	UPLAN 4009	UPLAN 4010
UPLAN 4000	UPLAN 4000	UPLAN 4001	UPLAN 4002	UPLAN 4003	UPLAN 4004	UPLAN 4005	UPLAN 4006	UPLAN 4007	UPLAN 4008	UPLAN 4009	UPLAN 4010
TEST10	TEST10	TEST11	TEST12	TEST13	TEST14	TEST15	TEST16	TEST17	TEST18	TEST19	TEST20
TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20

21 May 85

UNCLASSIFIED

1347Z

SCREEN 1 OF 2

UPLAN	UPLAN	UPLAN	UPLAN
OPORD	OPORD	OPORD	OPORD
LABEL	LABEL	LABEL	LABEL

SCREEN: 21 MAY 1985,1347Z
 CLN: 870
 NSN: 19 MAY 1985,211Z

UNCLASSIFIED
 UPLAN/OPORD ASSOCIATIONS
 NAME OF THE BATTLE OPERATIONAL MODEL

UPLAN OPORD LABEL	UPLAN 4000	UPLAN 4001	UPLAN 4002	UPLAN 4003	UPLAN 4004	UPLAN 4005	UPLAN 4006	UPLAN 4007	UPLAN 4008	UPLAN 4009	UPLAN 4010
UPLAN 4000	UPLAN 4000	UPLAN 4001	UPLAN 4002	UPLAN 4003	UPLAN 4004	UPLAN 4005	UPLAN 4006	UPLAN 4007	UPLAN 4008	UPLAN 4009	UPLAN 4010
TEST10	TEST10	TEST11	TEST12	TEST13	TEST14	TEST15	TEST16	TEST17	TEST18	TEST19	TEST20
TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20	TEST20

21 May 85

UNCLASSIFIED

1347Z

SCREEN 2 OF 2

UPLAN	UPLAN	UPLAN	UPLAN
OPORD	OPORD	OPORD	OPORD
LABEL	LABEL	LABEL	LABEL

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5/40

180

I-2 Review MAJCOM Resource Capability Products

The product screens in this section provide the HQ USAF user with the assessments of the MAJCOM's resources to support the tasking that was defined in the previous section.

SCREEN TITLE

Integrated Capability
Individual Resource Capability
Aircraft Spares Support Capability
Fuels Capability
Base Fuel Capability
Munitions Capability
Base Fuels Capability Detail [Planned; not included]
Aircraft MICAP Forecasts [Planned; not included]
Munitions Shortfall Detail [Planned; not included]
USAF Munitions Inventory Detail [Planned; not included]
Base Munitions Capability [Planned; not included]
Base Munitions Capability Detail [Planned; not included]
Aircrew Capability [Planned; not included]
TRAP Capability [Planned; not included]
Maintenance Support Capability [Planned; not included]

The basic concept behind the capability screens in this section is that a capability can be computed only when there is a specific task to accomplish. Therefore, a basic assumption for reviewing these screens is that a task (with all the required task and resource parameters) has been entered. In addition, these screens are reviewed after a Sortie Generation Model, or SGM, has been executed to compute the capability assessments.

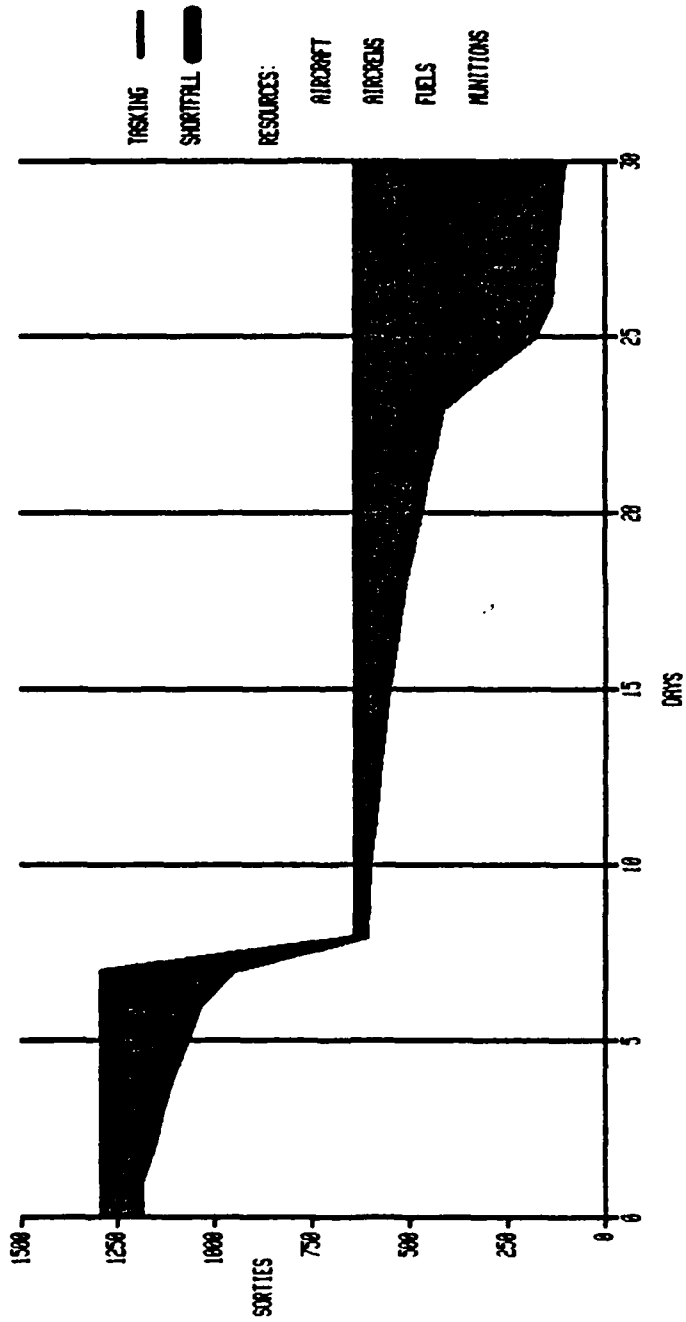
One of the main AFIRMS concepts is that the readiness or capability to do a task is determined unit by unit, then aggregated by task force or MAJCOM, and, finally, further aggregated Air Force-wide, if necessary. Computing readiness assessments at unit level should provide more realistic assessments than those currently made with macro-level data (which inherently imply a perfect allocation and/or instantaneous redistribution of resources).

There are a number of interactions that can be done with the system. A very common interaction will be to make what-if queries and change the tasking data, the resource parameters, and/or the unit resource quantities. The point to remember is that modifying any of this data affects many products. For example, the sortie duration affects spares, fuels, and maintenance support. If it is changed after seeing the spares capability, the fuels and maintenance support capabilities would also be affected. Similarly, changing the sortie rate would affect all of the tasking and capability displays.

UNCLASSIFIED
 INTEGRATED CAPABILITY
 USAF FIGHTER/RECCE

TASKING:
 OPLAN 40001 30 APR 1965

SCREEN CURRENCY:
 30 APR 1965, 1634Z
 SCREEN DATA CURRENCY:
 D.D.: 0102
 REF: 29 APR 1965, 1726Z



2033Z

UNCLASSIFIED

30 Apr 65

DISPLAY
 PROGRAM
 SELECT

TOP
 MENU

PREVIOUS
 MENU

UPDATE
 SCREEN

SCREEN TITLE: INTEGRATED CAPABILITY

SCREEN NUMBER: AF.CAP. .G

SCREEN PURPOSE:

Display the aggregate tasking and the integrated capability of the resources to support the tasking.

USERS:

PRIMARY: CSS, LRC

SUPPORTING: XOOM

SCENARIO: (Reference baseline scenario.)

After having assessed the size and shape of the task, the CSS and the LRC want to see the integrated ability of the USAF fighter and recce unit resources to support their task.

CLASSIFICATION:

The normal classification is expected to be SECRET, though it could be TOP SECRET depending on the OPLAN/task's security instructions. However, if the task is a "what-if" exercise, it could be UNCLASSIFIED. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. The task data has been entered, units tasked, and the units possess or have been allocated resources.
- b. All assumptions applicable to the individual resource area assessments also apply to this display.
- c. The individual resources constrain one another, e.g., fuels and munition resources are not expended on sorties not flown because of a spares shortfall.

DATA SOURCE:

The tasking data is computed as described in the Translate Tasking Requirements section. The capability assessment is computed with the AFIRMS Sortie Generation Model. Some assessment data may be obtained through interfaces with other assessment systems such as CSMS and WSMIS.

RELATED SCREENS:

Individual Resource Capability
Aircraft Spares Support Capability
Munitions Capability
Fuels Capability
Aircrew Capability [Planned; not included]
TRAP Capability [Planned; not included]
Maintenance Support Capability [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Standard line graph

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGES:

None

DATA ELEMENTS:

Element Name	DRD #
Unit Mission	IC
Aircraft Unit Name	IIA
Aircraft MDS	IIC
Order Identification	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Tasked Unit Name	56A
Unit Employment Day	56F
Unit Daily Sortie Task	56G
Unit Daily Integrated Sortie Capability	56H

PARAMETER SELECTION SCREEN:

INTEGRATED CAPABILITY PARAMETER SCREEN							
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1			
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1. ORDER IDENTIFICATION</p> <p>2. FORECAST PERIOD 30</p> <p>3. AIRCRAFT MD FIGHTER/RECCE</p> <p>4. MAJOR COMMAND USAFE</p> <p>5. WING NAME ALL UNITS</p> </div> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto; text-align: center; vertical-align: middle;"> <p>Write in a value.</p> </div>							
OPLAN 4000M							
DISPLAY PRODUCT		RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP			→

1ST ARRAY OF PARAMETER SCREEN KEYS							
KEY # 1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	
KEY # 9	10	11	12	13	14	15	16

2ND ARRAY OF PARAMETER SCREEN KEYS

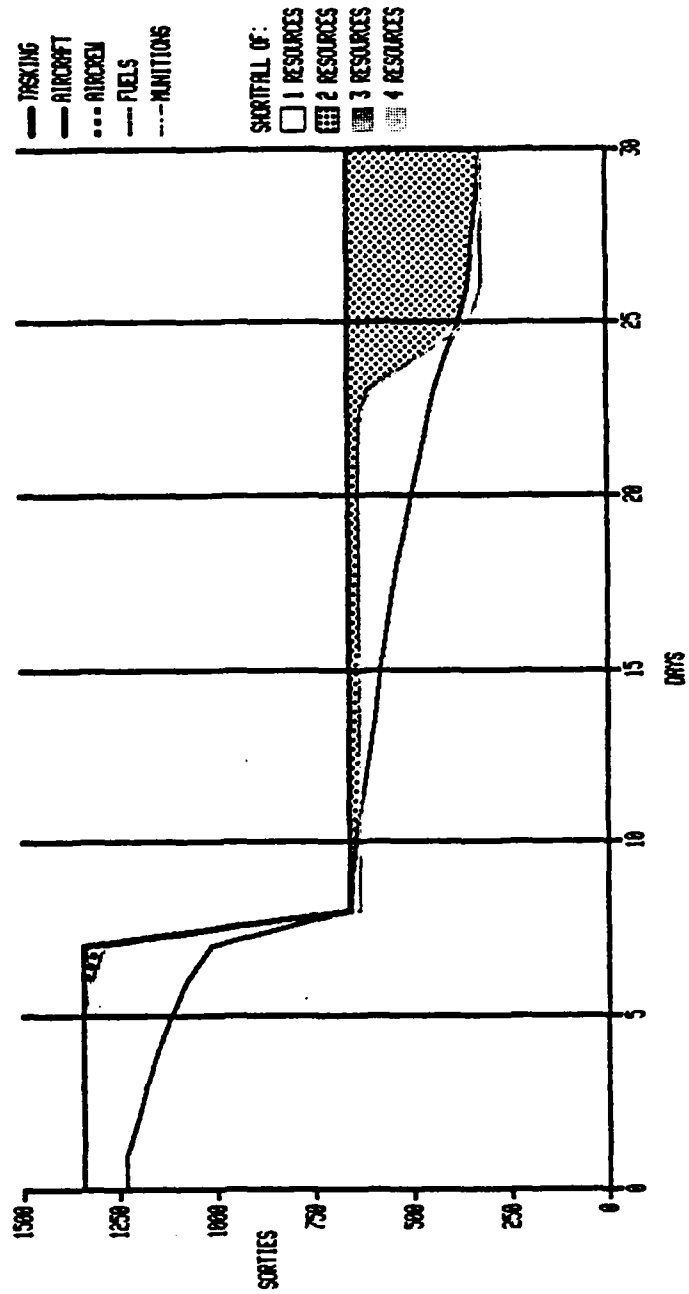
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED INDIVIDUAL RESOURCE CAPABILITY USAFE FIGHTER/RECCE

TASKING:
OPLAN 4600H 30 APR 1985

SCREEN CURRENCY:
30 APR 1985, 1634Z
SCREEN DATA CURRENCY:
11J: 016Z
16H: 29 APR 1985, 1725Z



UNCLASSIFIED

1 May 85 1947Z

DISPLAY PREV SELECT TOP PREVIOUS UPDATE

SCREEN TITLE: INDIVIDUAL RESOURCE CAPABILITY

SCREEN NUMBER: AF.CAP. .G

SCREEN PURPOSE:

Display the aggregate tasking and the relative capability, in an overlay format, of individual resources to support the tasking.

USERS:

PRIMARY: CSS, LRC

SUPPORTING: XOOIM

SCENARIO: (Reference baseline scenario page.)

After seeing the integrated capability of the resources to support the OPLAN/task, the CSS or LRC now want to see the relative capability of the individual resources (think of each resource readiness line as an overlay). Also of interest is the point at which the resources become concurrent shortfalls, e.g., when 2 or more of the displayed resources are simultaneous limiting factors.

CLASSIFICATION:

The normal classification is expected to be SECRET, though it could be TOP SECRET depending on the OPLAN/task's security instructions. However, if this is a "what-if" exercise, it could be UNCLASSIFIED. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. The tasking data has been entered, units tasked, and the units possess or have been allocated resources.
- b. All assumptions applicable to the individual resource area assessments also apply to this assessment.
- c. The resource assessments can be computed in either of two modes: the resources constraining each other and unconstrained. This assessment was computed assuming that the resources, except for munitions, did constrain each other, e.g., fuels capability was computed assuming that munitions were not a limiting factor but aircraft and aircrews were limiting factors.

DATA SOURCE:

The tasking data is computed as described in the Translate Tasking Requirements section. The capability assessment is computed with the AFIRMS Sortie Generation Model. Some assessment data may be obtained through interfaces with other assessment systems such as CSMS and WSMIS.

RELATED SCREENS:

Integrated Capability
Aircraft Spares Support Capability
Munitions Capability
Fuels Capability
Aircrew Capability [Planned; not included]
TRAP Capability [Planned; not included]
Maintenance Support Capability [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGES: None

DATA ELEMENTS:

Element Name

Unit Mission
 Aircraft Unit Name
 Aircraft MDS
 Order Identification
 Order Date
 Order Change Number
 Order Classification
 Unit Employment Day
 Unit Daily Sortie Task

DRD #

IC
 11A
 11C
 54A
 54E
 54G
 54K
 56F
 56G

Element Name

Unit Name
 Resource Type
 Unit Daily Resource Sortie Capability

DRD #

73A
 73C
 73D

PARAMETER SELECTION SCREEN:

INDIVIDUAL RESOURCE CAPABILITY PARAMETER SCREEN							
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1			
<p><input checked="" type="checkbox"/> 1. ORDER IDENTIFICATION</p> <p>2. FORECAST PERIOD 30</p> <p>3. AIRCRAFT MD FIGHTER/RECCE</p> <p>4. MAJOR COMMAND USAFE</p> <p>5. WING NAME ALL UNITS</p>							
OPLAN 4000M							
DISPLAY PRODUCT			RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP		↑

Write in a value.

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE		

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16
---------	----	----	----	----	----	----	----

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

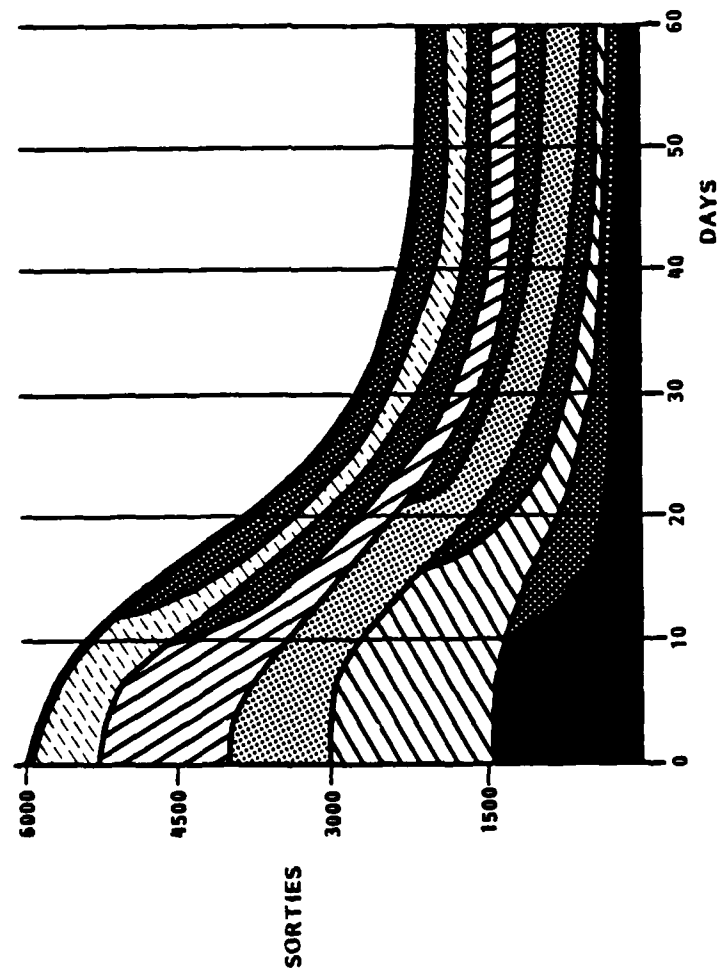
CLASSIFICATION
AIRCRAFT SPARES SUPPORT CAPABILITY
EUROPEAN THEATRE: FIGHTER/RECCE FMC

TASKING: CHANGE 2
 OPORD 4000, 10 AUG 83

SCREEN CURRENCY:
 DTG
 SCREEN DATA CURRENCY:
 DTG
 DTG
 DTG

STATUS: FMC
 MESL: FULL
 RESUPPLY: YES

- F-15
- F-16
- F-111
- A-10
- F/RF-A
- SHORTFALL



SCREEN ID NO.:

DTG:

CLASSIFICATION

10 AUG 83

SCREEN TITLE: AIRCRAFT SPARES SUPPORT CAPABILITY

SCREEN NUMBER: AF.CAP. .G

SCREEN PURPOSE:

Display the aggregated aircraft spares capability, independent of other resource, to support the tasking for the aircraft selected.

USERS:

PRIMARY: CSS

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

The CSS has reviewed the tasking and the individual and integrated ability of the various resources to support the task. Some shortfalls were noted in the spares capability to support the task. The LRC and appropriate action officers are investigating the specific aircraft MD spares support.

CLASSIFICATION:

Normal classification is expected to be SECRET, though it could vary depending on the OPLAN/task's security instructions. Additionally, if this is a "what-if" exercise, it could be UNCLASSIFIED. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. The tasking data has been entered, units tasked, and the units possess or have been allocated resources.
- b. Aircraft capability assessment can use Fully Mission Capable (FMC) only or include Partially Mission Capable (PMC) depending on the parameter selected. The MESL for the appropriate theatre is used but may be modified if desired for what-if iterations.
- c. Standard unit DOC, OPLAN/OPORD, WMP sortie rates and duration (or objective sortie rates and duration) may be used for "what-if" tasks or resource usage.
- d. Spares assessment has been computed by wing and aggregated.
- e. Maintenance can repair the aircraft if the parts are available.
- f. Spare parts demand rate progresses linearly with the sortie rate/flying hours. (This may overstate the spares need if the sortie rate used is higher than the peacetime utilization ("Ute") rate. It may also overstate the actual need if the input sortie rate is less than the peacetime "Ute" rate.)

ASSUMPTIONS: (Cont.)

- g. Climate changes will have no effect on the Line Replaceable Unit/Shop Replaceable Unit failure rate (e.g., demand rate).
- h. Theatre demand rates for a spare (if available) may be used in lieu of the Air Force-wide experience. (In fact, objective demand rates may be used for "what-if" queries.)
- i. If assessments are made using data from CSMS and WSMIS, all assumptions applicable to those systems will also apply here.

DATA SOURCE:

The tasking data is computed as described in the Translate Tasking Requirements section. The capability assessment is computed with the AFIRMS Sortie Generation Model. Some assessment data may be obtained through interfaces with assessment systems such as CSMS and WSMIS.

RELATED SCREENS:

Integrated Capability
Individual Resource Capability
Aircraft MICAP Forecasts [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

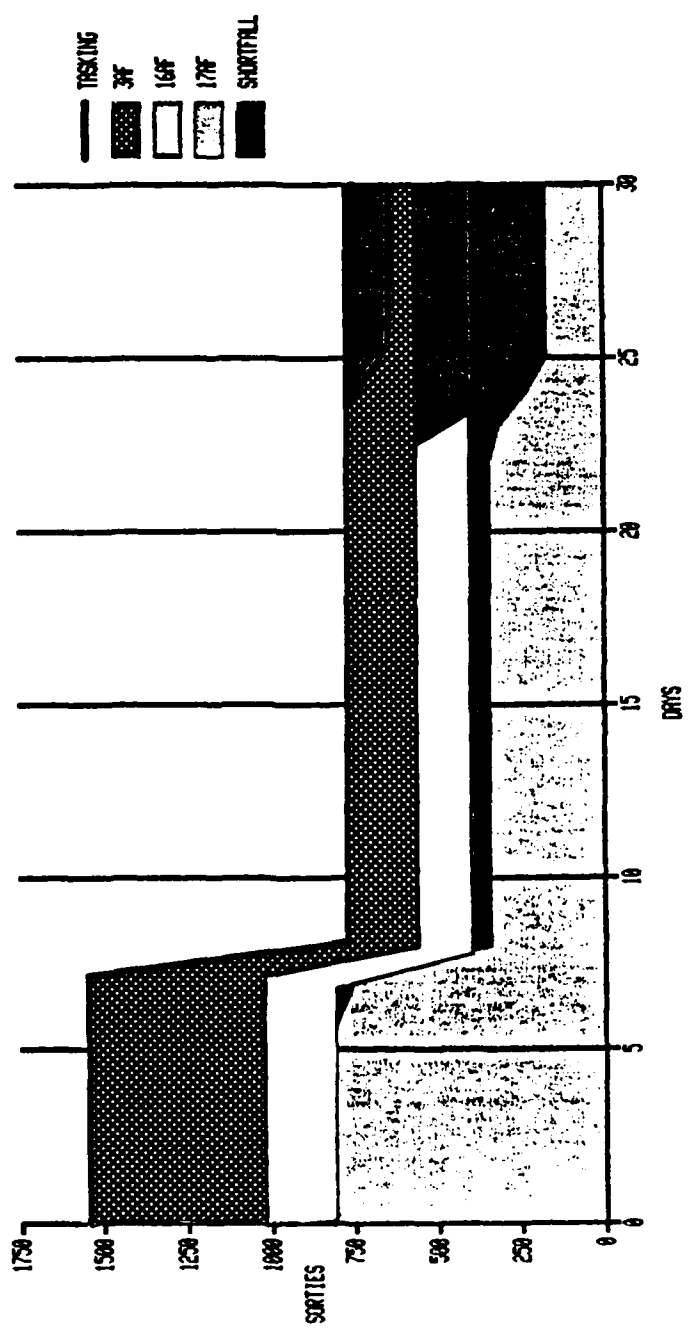
BLACK-AND-WHITE TABULAR VERSION:

The version will be furnished during the Analysis Phase of AFIRMS implementation.

TASKING:
OPLAN 6600M, 30 APR 1985

UNCLASSIFIED FUELS CAPABILITY USAFE JP-4 FIGHTER/RECCE

SCREEN CURRENCY:
1 MAY 1985, 0905Z
SCREEN DATA CURRENCY:
010Z
TEL: 30 APR 1985, 2038Z



01 May 85

UNCLASSIFIED

134Z

DISPLAY
PAGE#
SELECT

TOP
MENU

PREVIOUS
MENU

UPDATE
SCREEN

SCREEN TITLE: FUELS CAPABILITY

SCREEN NUMBER: AF.CAP .G

SCREEN PURPOSE:

Display the aggregate fuels capability for a region or MAJCOM to support the region and/or theatre tasking.

USERS:

PRIMARY: CSS

SUPPORTING: LRC

SCENARIO: (Reference the baseline scenario.)

The CSS has reviewed the tasking and the individual and integrated ability of the various resources to support the task. Some shortfalls were noted in the fuels capability to support the task. The LRC and appropriate action officers are investigating the specific resource areas. The fuels capability is being reviewed to determine where the fuels shortfall(s) exist(s).

CLASSIFICATION:

Normal classification is expected to be SECRET though it can be as high as TOP SECRET depending on the OPLAN. If it is a "what-if" task it can be UNCLASSIFIED. The capability classification depends on the task's (a DOC, WMP, OPLAN, or "what-if") classification.

ASSUMPTIONS:

- a. Theatre or region fuel receiving, storage, and transportation system (including Central European Pipeline System or CEPS) is not damaged. This may be modified for WHAT-IF queries.
- b. NATO Stage A cross-servicing and civilian fuel stocks are not considered.
- c. Sortie duration and fuel consumption are specified by the tasking (e.g., OPLAN/OPORD, unit DOC, or WMP).
- d. Fuels assessments are made by base/wing and aggregated.
- e. Aircraft air aborts and weather attrition factors are not considered.

DATA SOURCE:

The tasking data is computed as described in the Tasking Requirements section. The fuels capability assessment is computed by the AFIRMS Sortie Generation Model. The fuels inventory data is input at the wing for US bases and MAJCOM for non-US bases. If an interface is developed with CFMS, the inventory data could be obtained from CFMS.

RELATED SCREENS:

Base Fuels Capability
Individual Resource Capability
Integrated Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys No. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGE:

The product must tell the user if resupply was used in the assessment computations.

DATA ELEMENTS:

Element Name	DRD #
Unit Mission	IC
Order Identification	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Unit Employment Day	56F
Unit Name for Tasked Unit	73A
Resource Type Supporting Unit Task	73C
Unit Daily Resource Sortie Capability	73D

PARAMETER SELECTION SCREEN:

FUELS CAPABILITY PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			Page 1 of 1
<div style="border: 1px solid black; width: 100%; height: 100px; margin-bottom: 10px;"> <p style="text-align: center;">Write in a value.</p> </div> <p>1. ORDER IDENTIFICATION</p> <p>2. FUELS TYPE JP-4</p> <p>3. FORECAST PERIOD 30</p> <p>4. MAJOR COMMAND USAFE</p> <p>5. UNIT MISSION FIGHTER/RECCE</p> <p style="text-align: center;">OPLAN #000M</p>									
KEY # 1	2	3	4	5	6	7	8		
←	PAGE REVERSE	FULL PG	PAGE FORWARD	HALF PG	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑	
1ST ARRAY OF PARAMETER SCREEN KEYS									
KEY # 9	10	11	12	13	14	15	16		
←	DELETE PARAM VALUE	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE					
2ND ARRAY OF PARAMETER SCREEN KEYS									

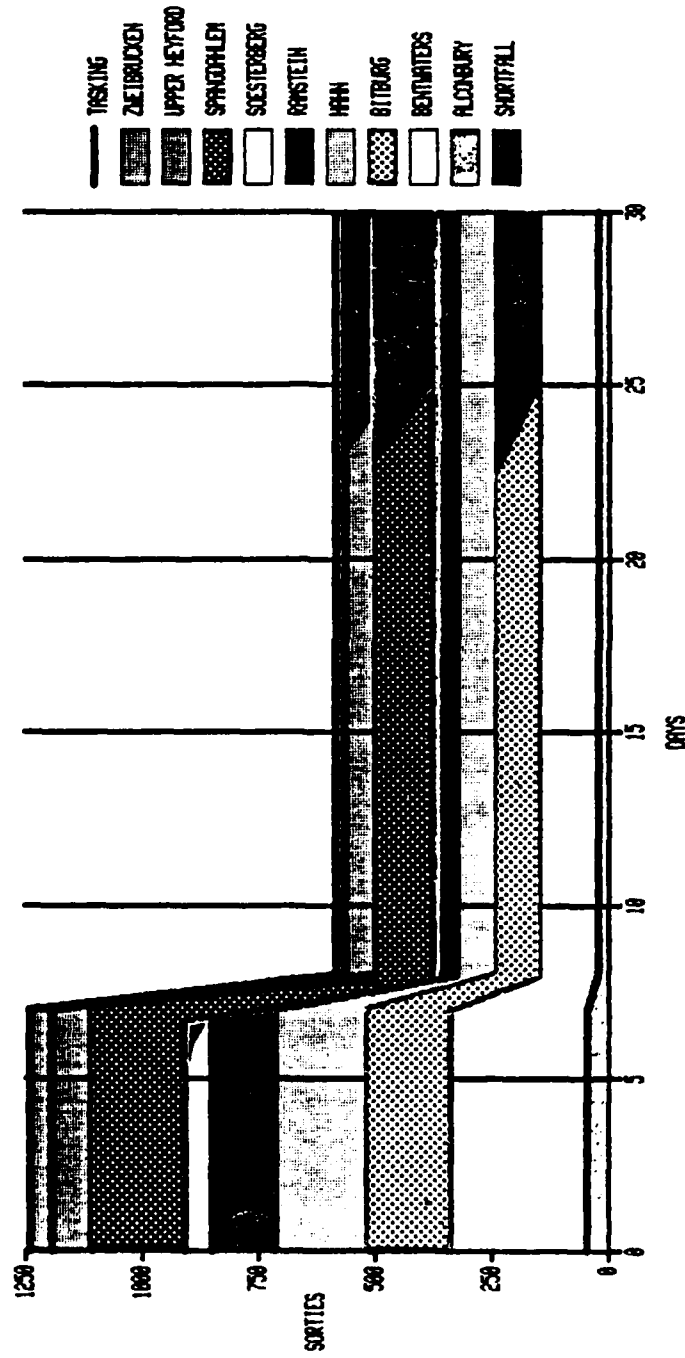
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED
 BASE FUELS CAPABILITY
 USAF JP-4 FIGHTER/RECCE

TASKING:
 OPLAN 46001 30 APR 1985

SCREEN CURRENCY:
 30 APR 1985, 1634Z
 SCREEN DATA CURRENCY:
 TLU: 010Z
 KEY: 29 APR 1985, 1728Z



1728Z

UNCLASSIFIED

13 May 85

DISPLAY FROM SELECT TOP MENU PREVIOUS MENU UPDATE SCREEN

SCREEN TITLE: BASE FUELS CAPABILITY

SCREEN NUMBER: AF. CAP. .G

SCREEN PURPOSE:

Display the aggregate fuels capability for multiple air bases over time and the ability of each air base fuels section to support the tasking.

USERS:

PRIMARY: CSS
SUPPORTING: LRC, XOOIM

SCENARIO: (Reference baseline scenario.)

Having reviewed the region and/or theatre fuels capability assessment (with and without resupply), the CSS/LRC is reviewing the fuels capability of the air bases.

CLASSIFICATION:

The normal classification is expected to be SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. The tasking data has been entered, units tasked, and the units possess or have been allocated fuels resources.
- b. No damage to fuel transportation/receiving/storage capability including CEPS. This may be modified for "what-if" queries.
- c. NATO Stage A cross-servicing and civilian fuel stocks are not considered.
- d. Sortie duration and fuel consumption are specified by the tasking. These are changeable for "what-if" queries.
- e. Aircraft air aborts and weather attrition factors are not considered.

DATA SOURCE:

The tasking data is computed as described in the Tasking Requirements section. The fuels capability assessment is computed by the AFIRMS Sortie Generation Model. The fuels inventory data is input at the wing for US bases and at MAJCOM for non-US bases. If an interface is developed with CFMS, the inventory data could be obtained from CFMS.

RELATED SCREENS:

Fuel Capability
Base Fuels Capability Detail [Planned; not included]
Individual Resource Capability
Integrated Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9)

Keys no. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGES:

The product must tell the user whether fuels resupply is used in the capability assessment.

DATA ELEMENTS:

Element Name	DRD #
Unit Mission	1C
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Base Name	56E
Unit Employment Day	56F
Unit Name For Tasked Unit	73A
Resource Type Supporting Unit Task	73C
Unit Daily Resource Sortie Capability	73D

PARAMETER SELECTION SCREEN:

BASE FUELS PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1
<p>1. ORDER IDENTIFICATION OPLAN 9000M</p> <p>2. FUELS TYPE JP-4</p> <p>3. FORECAST PERIOD 30</p> <p>4. MAJOR COMMAND USAFE</p> <p>5. UNIT MISSION FIGHTER/RECCE</p>									
<p>6. BASE NAME</p> <p>ALCONBURY BENTWATERS BITBURG HAHN RAMSTEIN SOESTERBERG SPANGDAHLEM UPPER HEYFORD ZWEIBRUCKEN</p>									
<p>Choose a minimum of 1 value and a maximum of 9.</p> <p>AHLHORN ALCONBURY AVIANO BENTWATERS BITBURG HAHN INCIRLIK LAKENHEATH LEIPHEIM NORVENICH RAMSTEIN SOESTERBERG SPANGDAHLEM TORREJON UPPER HEYFORD ZWEIBRUCKEN</p>									
DISPLAY PRODUCT		RETURN TO TOP MENU		RETURN PREVIOUS MENU		HELP		↑	
KEY # 1	2	3	4	5	6	7	8		
1ST ARRAY OF PARAMETER SCREEN KEYS									
PAGE REVERSE		FULL PG		PAGE FORWARD		SELECT PARAM VALUE		DELETE PARAM VALUE	
←		ENTER		ENTER		ENTER		ENTER	
KEY # 9	10	11	12	13	14	15	16		
2ND ARRAY OF PARAMETER SCREEN KEYS									

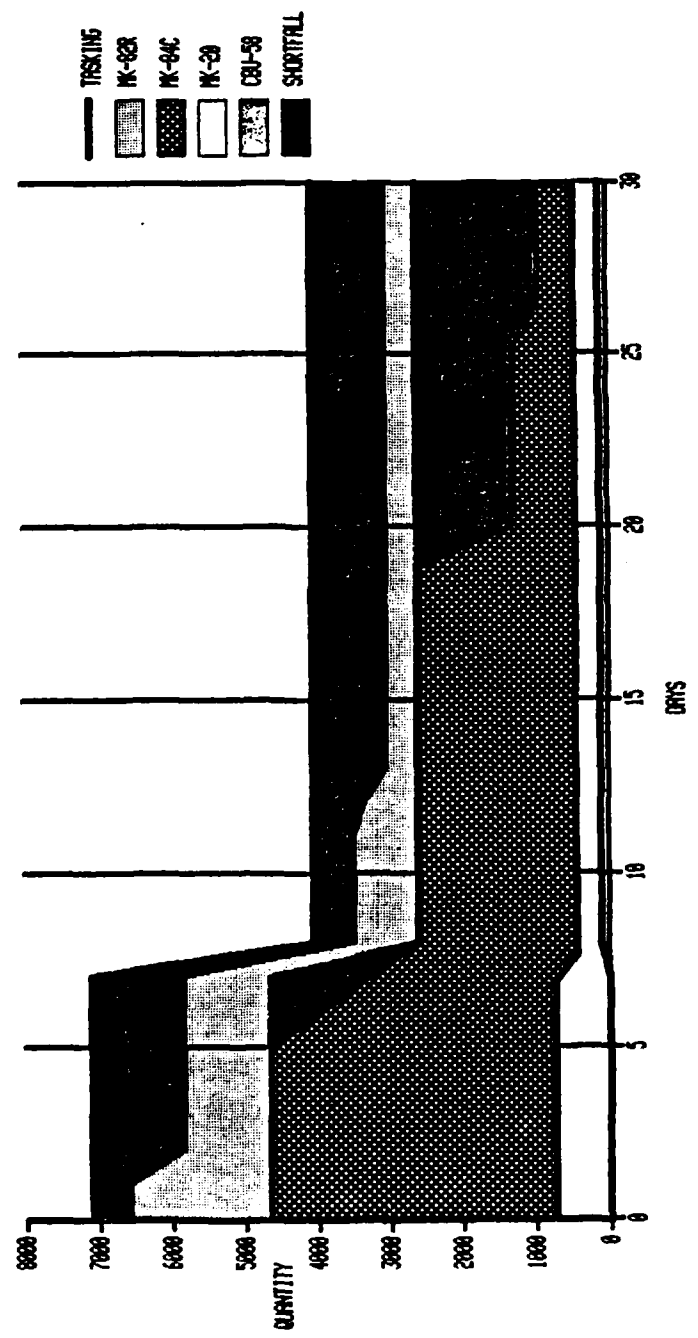
BLACK-AND-WHITE VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED MUNITIONS CAPABILITY USAFE

TASKING:
OPLAN 4000 30 APR 1985

SCREEN CURRENCY:
30 APR 1985.1634Z
SCREEN DATA CURRENCY:
R.D.: 010Z
REV: 29 APR 1985.1725Z



UNCLASSIFIED

30 Apr 85 235Z

SCREEN TITLE: MUNITIONS CAPABILITY

SCREEN NUMBER: AF.CAP. .G

SCREEN PURPOSE:

Display the aggregate tasking by munition type over time and the ability to fill that tasking.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, XOOIM

SCENARIO: (Reference baseline scenario.)

Having reviewed the tasking and the Individual Resource and Integrated Capability, the CSS is reviewing the munitions capability to support the tasking. Of particular interest at the moment is the European theatre munitions capability of MK-20, MK-82, and CBU-58.

CLASSIFICATION:

The normal classification is expected to be SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. The munition build-up uses a standard dictionary with the operations staff deciding the priority of build.
- b. Other munitions can be substituted for the preferred munitions according to the substitution tree made by the operations staff. The system will automatically substitute munitions if more than one SCL is entered for a mission (see Mission Profile Definition product).
- c. Base-level munition capability is computed and aggregated to obtain the theatre's ability.
- d. Current base munitions inventories are used in this assessment.
- e. Munitions capability is not constrained by aircrew qualifications (that would be an aircrew shortfall).

DATA SOURCE:

The tasking is computed as described in the Tasking Requirements section. The munitions capability assessment is computed by the AFIRMS Sortie Generation Model. The base munitions inventory data is input at the base for US bases and at the MAJCOM for non-US bases. Distribution of theatre munition depot stocks is entered via the Resupply Schedule product. If an interface is developed with the Combat Ammunition System (CAS), the inventory data could then be obtained from CAS.

RELATED SCREENS:

Munitions Status
Individual Resource Capability
Integrated Capability
Mission Profile Definition
Resupply Schedule
Base Munitions Capability [Planned; not included]
Base Munitions Capability Detail [Planned; not included]
Munitions Shortfall Detail [Planned; not included]

DISPLAY SCREEN FEATURE: (See Product Display Screen Features, page 3-8)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9)

Keys no. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGES:

The product must tell the user whether munitions resupply or substitution is used in the capability assessment.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Tasked Unit Name	56A
Tasked Unit Employment Day	56F
Resource Type Supporting Unit Task	73C
Unit Daily Resource Quantity Capable	73F
Unit Daily Resource Amount Tasked	73L

PARAMETER SELECTION SCREEN:

MUNITIONS CAPABILITY PARAMETER SCREEN																	
ENVIRONMENT: PEACE												EXERCISE		CRISIS		PAGE 1 of 1	
<p>1. ORDER IDENTIFICATION</p> <p>2. MUNITION TYPES MK-20 MK-82C MK-82R CBU-58</p> <p>3. FORECAST PERIOD 30</p> <p>4. MAJOR COMMAND USAFE</p>																	
OPLAN 4000																	
DISPLAY PRODUCT		RETURN TO TOP MENU		RETURN PREVIOUS MENU		HELP		↑		7		8					
←		PAGE REVERSE		FULL PG		PAGE FORWARD		SELECT PARAM VALUE		DELETE PARAM VALUE		ENTER PARAM VALUE					
KEY # 9		10		11		12		13		14		15		16			
2ND ARRAY OF PARAMETER SCREEN KEYS																	

BLACK-AND-WHITE VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

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5/64

34 391

1.3 Monitor MAJCOM Resource Support Status Products

The product screens in this section support the Air Force Operations Center activities in monitoring the aggregate resource support capability of the wings/bases of the supported and supporting MAJCOMs during a contingency.

SCREEN TITLE

Resource Reallocation
Base Status Map
Fuel Status Map
Base Status (Output version)
Base Status (Input version)
Unit Status (Output version)
Unit Status (Input version)
Communication Support Status
Munitions Status
Wing Resource Summary
Attrition Trends
Base Fuels Status [Planned; not included]
Aircraft Spares Status [Planned; not included]
Maintenance Status [Planned; not included]
Aerial Port Status [Planned; not included]
Base Fuels Status Detail [Planned; not included]
Base Communications Status Detail [Planned; not included]

There is a hierarchy to the resource status screens in this section. The idea is to provide the status information at a high, summarized level and, then, if more detail is needed, to move down within the hierarchy to a lower level display containing increasing amounts of detail and covering a narrower focus. There will be about four display levels, with the lowest level containing detailed unit information including the commander's remarks.

The basic concept of each screen is to highlight problem areas so the user/viewer can spot those quickly and then, if desired, scan the "good" areas.

User interaction will generally be of two types:

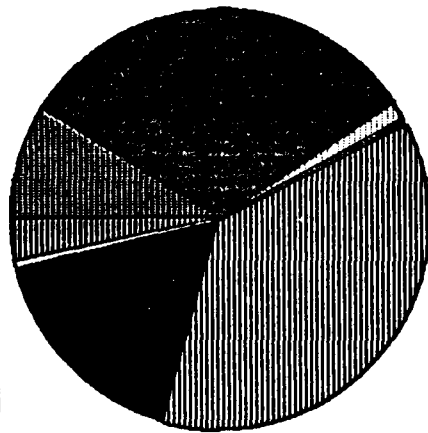
1. Screen interrogation with the cursor, if more detail on a single base or unit is desired.
2. Duplicating unit resource data (used in computing unit capability) and modifying it for what-if queries.

The latter interaction will affect the respective resource capability screens in the previous section, but will not affect the tasking screens.

SCREEN CURRENCY: 2 OCT 1994 1231Z
 SCREEN DATA CURRENCY: 0102
 DATE: 28 SEP 1994 1977

UNCLASSIFIED RESOURCE REALLOCATION

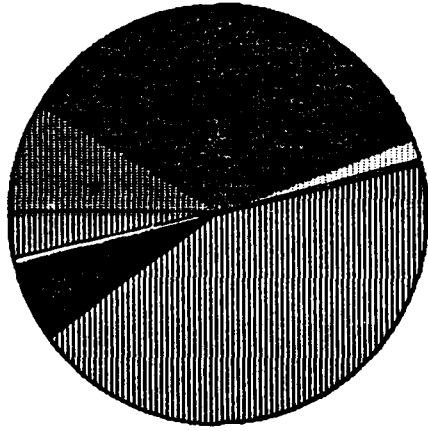
USK116
 189, 82-11-91



BEFORE

% OF
 TOTAL
 QUANTITY
 (BBLs)

AFTER



REQUIREMENT	% REQ	QTY BEFORE REALLOCATION	THEATRE	QTY AFTER REALLOCATION	% REQ
29750000	BBLs 66.7	1983000	THEATRE	1983000	66.7
4100000	BBLs 60.0	246000	THEATRE	246000	60.0
10210000	BBLs 90.0	9189000	CARIBBEAN	2189000	31.5
24850000	BBLs 84.0	20874000	CONUS	24850000	100.0
4850000	BBLs 8.0	388000	THEATRE	388000	8.0
9000000	BBLs 9.0	810000	L AMERICA	810000	9.0
19945000	BBLs 90.0	17950500	PACIFIC	19945000	100.0
14550000	BBLs 33.3	4849500	THEATRE	4849500	33.3
86790000	BBLs 64	56290000	TOTAL USAF	56290000	64

PAGE 1 OF 1

02 OCT 94

16292

UNCLASSIFIED

CHANGE RESOURCE DATA
 ADD RESOURCE DATA
 DELETE RESOURCE DATA
 HARD COPY
 ENTER

SCREEN TITLE: RESOURCE REALLOCATION

SCREEN NUMBER: AF.STAT. .G

SCREEN PURPOSE:

Display the distribution of resources before and after any reallocation among the theatres.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, XOOIM, XOOOE

SCENARIO: (Reference baseline scenario.)

In this instance, the Commander in Chief U.S. Air Forces Europe (CINCUSAFE) has requested an emergency reallocation of JP-4 fuel to bring the theatre fuel stocks up to the full requirement. The CSS is evaluating the impact on other theatres.

CLASSIFICATION:

The normal classification is expected to be SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. Fuels and munitions inventory data is available.
- b. Fuels and munitions requirements data is available.
- c. Proposed reallocation data has been entered.

DATA SOURCE:

The resource requirement/tasking is computed by AFIRMS at unit level and aggregated. It may also be input as a lump sum by the user. The resource inventory data is input by the unit/base for US bases and by the MAJCOM for theatre stocks and non-U.S. bases. If interfaces are developed with CFMS, CAS, and WSMIS, the inventory data could be obtained from those systems.

RELATED SCREENS:

Munitions Status
USAF Munitions Inventory Detail [Planned; not included]
Fuels Status [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling
The pie chart (is special programming)
(The pie chart, "% REQ" percentages and "TOTAL USAF" totals are not database values but are computed by the program each time the product is displayed)

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 9-16.

RECOMMENDED CHANGES:

Change the theatre names to MAJCOM names.

DATA ELEMENTS:

Element Name

- Resource Unit of Measure
- Order Identifier
- Order Date
- Order Change Number
- Order Classification
- Tasked Unit Name
- Resource Amount Tasked/Required
- Resource Current Amount
- Resource Reallocated Amount

DRD #

- 5E
- 54A
- 54E
- 54G
- 54K
- 56A
- 73L
- 13H
- 13K

PARAMETER SELECTION SCREEN:

RESOURCE REALLOCATION PARAMETER SCREEN									
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1					
<div style="border: 1px solid black; padding: 10px; min-height: 150px;"> <p>1. ORDER IDENTIFICATION</p> <p>2. RESOURCE JP-4</p> <div style="border: 1px solid black; width: 100%; height: 80px; margin-top: 20px;"> <p style="text-align: center;">Write in a value.</p> </div> </div>									
WMP									
←	DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑				
KEY # 9	KEY # 10	KEY # 11	KEY # 12	KEY # 13	KEY # 14	KEY # 15	KEY # 16		
PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE				
←	HALF PG								

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

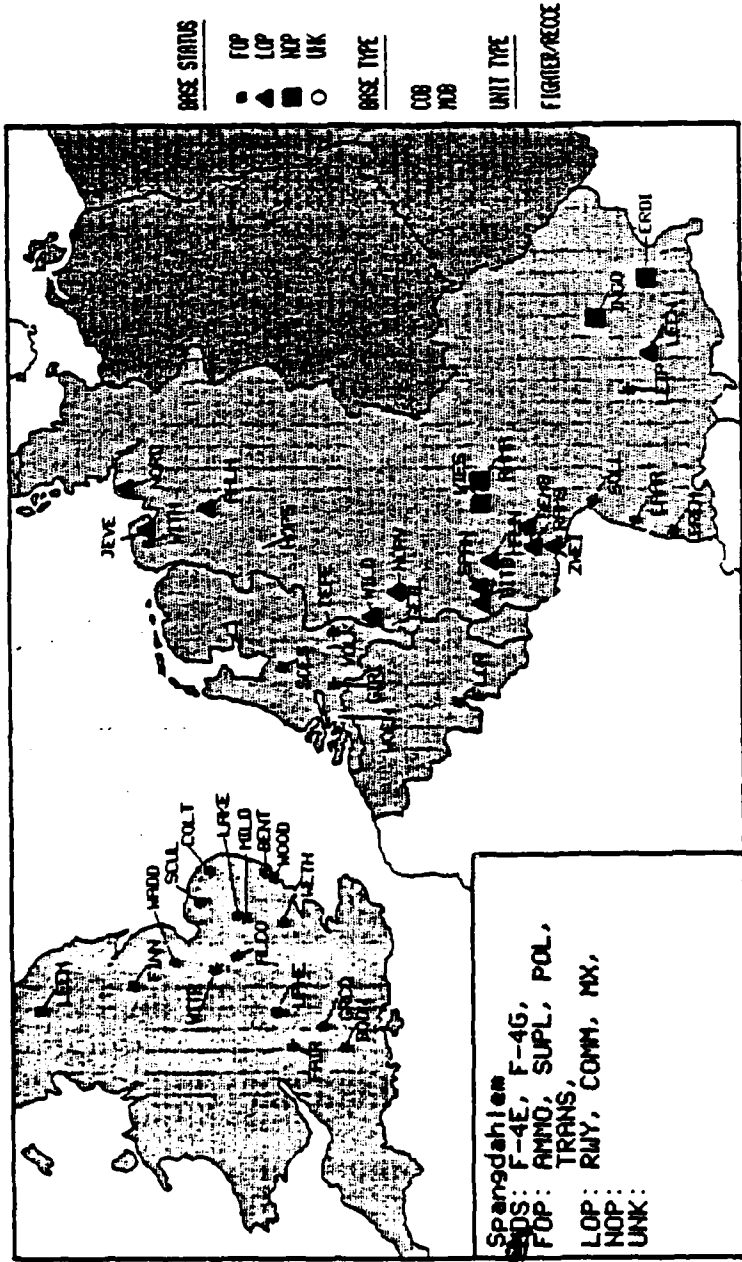
UNCLASSIFIED

BASE STATUS MAP

CENTRAL REGION

SCREEN CURRENTY
30 APR 1985,1553Z
SCREEN DATA CURRENTY
DL: DTGZ
NE: 30 APR 1985,1553Z

STATUS AS OF:
30 APR 1985,1553Z



BASE STATUS
FOP ▲
LOP ●
NOP ■
UNK ○
BASE TYPE
COB
MOB
UNIT TYPE
FIGHTER/RECCE

Spangdahlem F-4G,
SUS: F-4E, SUPL, POL,
FOP: AMMO, SUPL, POL,
TRANS,
LOP: RWJ, COMM, MX,
NOP:
UNK:

30 Apr 85	UNCLASSIFIED	1984Z
DISP PRGM SELECT	ERRAT CORR REVISION	PREVIOUS MENU
Hard COPY	TOP MENU	REFRESH SCREEN

SCREEN TITLE: STATUS MAP

SCREEN NUMBER: AF.STAT. .G

SCREEN PURPOSE:

To provide a high level review of the operational status of bases or base resource areas with a geographical context. Limited detail pertaining to the status of any of the displayed bases is also available.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, PRC, XOOOE, XOOIM

SCENARIO: (Reference baseline scenario.)

Before reviewing the various base, unit, and/or resource status reports, the senior staff is reviewing the operational status of the U.S. fighter and reconnaissance MOBs and COBs in the Central Region.

CLASSIFICATION:

SECRET when a base's operational status is not fully operational or when the unit's MDS and base location are associated with a specific exercise or crisis scenario.

ASSUMPTIONS:

- a. AF-wide terms do not have to be used. (COB, FOP, LOP, NOP are unique to USAFE.)
- b. Base operational status criteria and definition do not have to be an AF-wide standard but they must be a MAJCOM-wide standard.

DATA SOURCE:

The data is normally input on the Wing's AFIRMS and transmitted to USAFE's AFIRMS database. In due course, USAFE transmits it to the Air Staff AFIRMS database. A backup method is for the USAFE CSS (or even the Air Staff CSS) to input the data when the normal method is not possible.

RELATED SCREENS:

Base Status (Output)
Base Status (Input)
Unit Status (Output)
Unit Status (Input)

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Ability to interrogate base position for limited information
Ability to toggle the base information box off
Ability for the user to add and/or delete bases from the map
Zoom
Data update notification
Dynamic Legend
Dynamic base display (i.e., choice of base types is a parameter selection)
Base position color coded depending on the value of the base's operational status

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Key no. 1, 3, 4, 5, 6, 7, 17, and 18.

RECOMMENDED CHANGES:

- a. Include an automated way for the nontechnical user to add/delete bases to/from the map.
- b. Include a Captured category in the base operational status.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Unit Mission	IC
Unit Short Name	IF
Aircraft MDS	IIC
Base Name	53A
Base Type	53B
Base Geographical Area	53C
Base Status	53D
Base Status As Of DTG	53H
Base Short Name	53J
Resource Name	96B
Resource Status	96C

PARAMETER SELECTION SCREEN:

STATUS MAP PARAMETER SCREEN															
ENVIRONMENT: PEACE				EXERCISE				CRISIS				PAGE 1 of 1			
<p>1. GEOGRAPHIC REGION MAP CENTRAL REGION</p> <p>2. BASE TYPE MOB</p> <p>3. UNIT MISSION FIGHTER/RECCE</p> <p><input checked="" type="checkbox"/> 4. RESOURCE AREA BASE</p>															
<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 80%;"> <p>Choose a minimum of 1 value and a maximum of 1.</p> <p>BASE COMMUNICATIONS FULES MAINTENANCE RUNWAY SUPPLY TRANSPORTATION</p> </div>															
DISPLAY PRODUCT		RETURN TO TOP MENU		RETURN PREVIOUS MENU		HELP		↑		8		7		6	
KEY # 1		2		3		4		5		6		7		8	
1ST ARRAY OF PARAMETER SCREEN KEYS															
← PAGE REVERSE		FULL PG		PAGE FORWARD		SELECT PARAM VALUE		DELETE PARAM VALUE		ENTER PARAM VALUE		16		15	
KEY # 9		10		11		12		13		14		15		16	
2ND ARRAY OF PARAMETER SCREEN KEYS															

BLACK-AND-WHITE TABULAR VERSION:

Not applicable. See Base Status product.

AD-A170 526

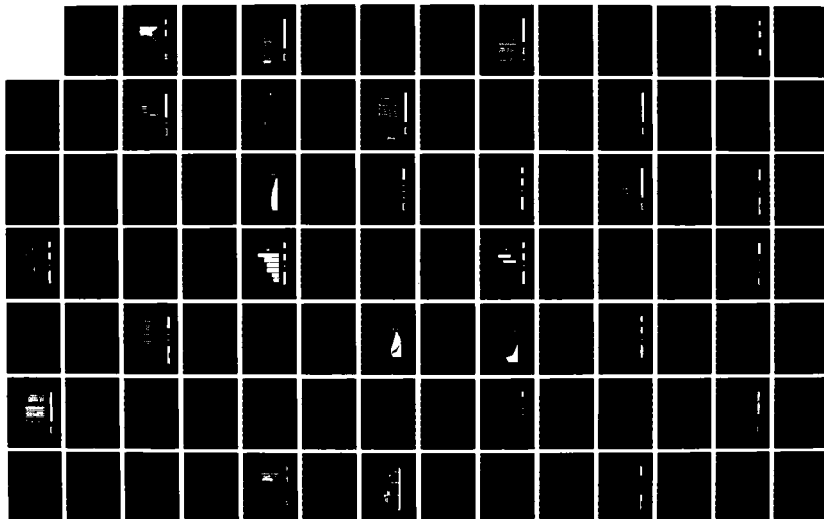
AIR FORCE INTEGRATED READINESS MEASUREMENT SYSTEM
(AFIRMS) PRODUCT DESCRIPTIONS(U) SOFTECH INC
ALEXANDRIA VA 31 MAY 85 F49642-83-C-0022

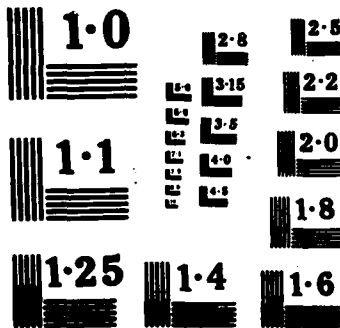
2/6

UNCLASSIFIED

F/G 5/2

NL

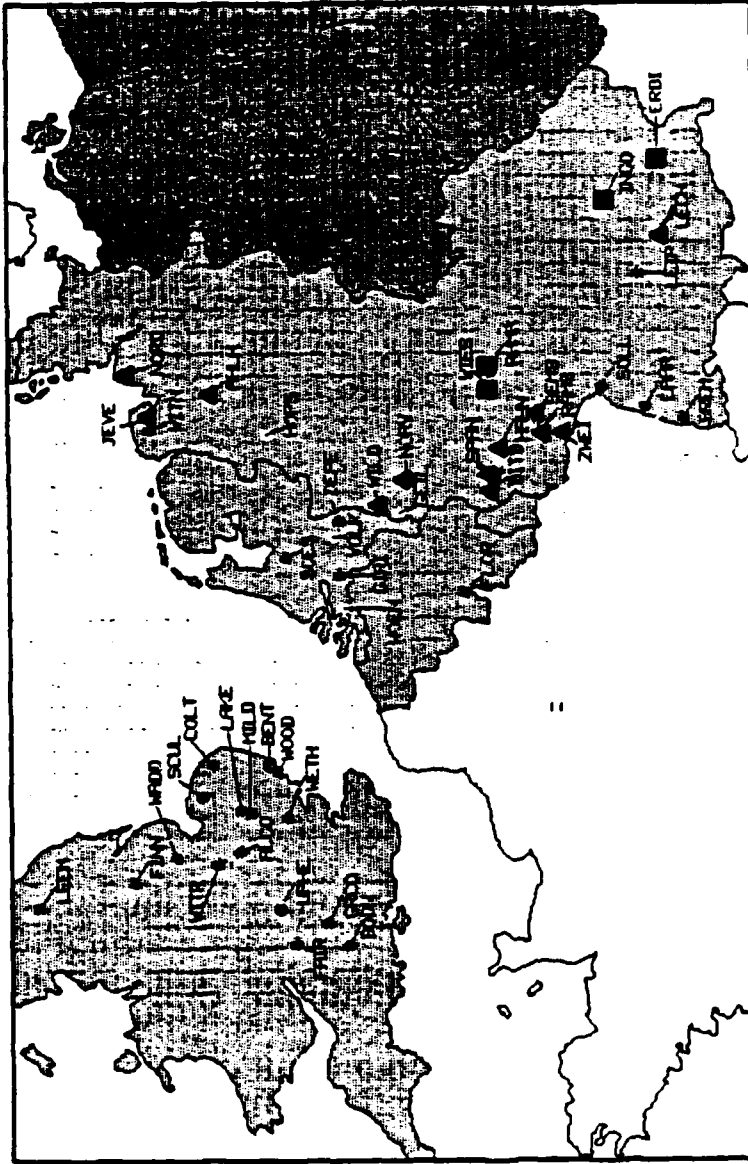




UNCLASSIFIED
FUELS STATUS MAP
CENTRAL REGION

SCREEN CURRENCY:
30 APR 1985, 1553Z
SCREEN DATA CURRENCY:
DLD: 30 APR 1985, 016Z
NEI: 30 APR 1985, 1553Z

STATUS AS OF:
30 APR 1985, 1553Z



BASE STATUS

- POP
- ▲ LUP
- NP
- UK

BASE TYPE

- CB
- NB

UNIT TYPE

FIGHTER/RECO

30 Apr 85

UNCLASSIFIED

1982

DISPLAY
PRINT
SELECT

HARD
COPY

TOP
MENU

PREVIOUS
MENU

REFRESH
SCREEN

SCREEN TITLE: STATUS MAP (Fuels Variation)

SCREEN NUMBER: AF.STAT. .G

SCREEN PURPOSE:

Provide a reference of map of area bases color-coded to indicate the base fuels operational status.

SCENARIO:

After receiving the various base, unit, and/or resource status reports, the LRC is reviewing the base fuels operational status at the fighter and reconnaissance MOBs and COBs in Europe's Central Region.

PARAMETER SELECTION SCREEN:

Change the 4th parameter's choice to FUELS versus BASE.

SEARCH CURRENCY:
30 APR 1985, 1510Z
SEARCH DATA CURRENCY:
010Z
NO: 30 APR 1985, 1517Z

STATUS AS OF:
30 APR 1985, 1510Z

UNCLASSIFIED
BASE STATUS
CENTRAL ALL MISSIONS ALL BASE TYPES

BASE STAT	BASE NAME	BASE ETIC	ATCK	R W Y	COM M X	AMMO	SUP	POL	TRAN
	AHLHORN	061200Z MAY	CON	N	L	L	L	L	L
	BITBURG	061100Z MAY	CHE	L	N	N	L	L	L
	ERDING	061000Z MAY	BIO	L	N	N	L	N	N
	GEILENKIRCHEN	UNKNOWN	CON	N	U	U	U	U	U
	INGOLSTADT	UNKNOWN	NUC	L	N	N	N	N	N
	RHEIN MAIN	060900Z MAY	CON	N	N	N	L	N	N
	WIESBADEN	060800Z MAY	CON	N	N	N	N	N	N
L	HAHN				L				L
	JEYER				L		L	L	L
	NORVENICH			L	L	L	L	L	L
	RAMSTEIN								L

PAGE 1 OF 4

30 APR 85

1917Z

← PAGE REV

PAGE FND

HALF PG

UNCLASSIFIED

SCREEN TITLE: BASE STATUS

SCREEN NUMBER: AF-STAT. .G

SCREEN PURPOSE:

Display the base status, highlighted to quickly show problem bases/areas. The format is designed for use with a large screen video display.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, PRC, XOOIM, XOOOE

SCENARIO: (Reference baseline scenario)

After viewing the Base Status Map, the user desires more information on the bases in Europe.

CLASSIFICATION:

This product is UNCLASSIFIED when all bases are fully operational (FOP). When any base becomes limited or not operational (LOP or NOP), the product is SECRET.

ASSUMPTIONS:

- a. AF-wide terms do not have to be used (e.g., COB, FOP, LOP, NOP are unique to USAFE).
- b. Theatre criteria exist (or will exist) to aid the wing commander in determining the operational status of each wing/base resource. The assessment is subjective.
- c. Base operational status criteria and definition do not have to be an AF-wide standard but they must be a MAJCOM-wide standard.

DATA SOURCE:

The bases report their status to the HQ USAFE OSC via AFIRMS which, in turn, accumulates the information and reports it to HQ USAF via AFIRMS.

RELATED SCREENS:

- Status Map
- Unit Status
- Communication Status
- Munitions Status [Planned; not included]
- Fuels Status [Planned; not included]
- Supply Status [Planned; not included]
- Maintenance Status [Planned; not included]
- Transportation Status [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

- Output screen only
- Paging/Scrolling
- Field coloring
- Data Change Indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1,2,4-7,9-11 and 15.

RECOMMENDED CHANGES:

- a. Unless the product is used for a large screen video, reduce the character size for the color terminal to a 2x2 pixel size.
- b. Add a column for aircraft MD (not MDS). (Analysis will determine if a second column is needed for bases with multiple MD. Using MD versus MDS will resolve some of that but not all.)
- c. For color terminals, use color codes instead of letters for resource operational status (right side).
- d. Delete Base ETIC column (or reduce ETIC to the day, e.g., 06 May).
- e. Include a Captured category in the base operational status.
- f. Include a legend either at the side or on the bottom.
- g. Add a data sort parameter so the user can view the data in the desired sorted sequence.

DATA ELEMENTS:

Element Name **DRD #**
 Unit Mission IC
 Unit Name IF
 Base Name 53A
 Base Type 53B
 Base Geographic Area 53C
 Base Operational Status 53D
 Base Attack Status 53E
 Base ETIC 53F
 Base Status As of DTG 53H

Element Name
 Base Country Name
 Resource Name
 Resource Status

ENVIRONMENT: PEACE EXERCISE CRISIS

PARAMETER SELECTION SCREEN:

BASE STATUS PARAMETER SCREEN			
			PAGE 1 of 3
1. GEOGRAPHIC REGION CENTRAL	6. BASE OPERATIONAL STATUS ALL STATUSES	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 80%;"> Choose a minimum of 1 value and a maximum of 1. All Missions Airlift Bomber Fighter Recce Support Tanker </div>	
2. COUNTRY NAME ALL COUNTRIES	7. BASE NAME ALL BASES		
3. BASE TYPE ALL BASE TYPES	<input checked="" type="checkbox"/> UNIT MISSION ALL MISSIONS		
5. BASE ATTACK STATUS ALL EVENTS			

KEY # 1	2	3	4	5	6	7	8
1ST ARRAY OF PARAMETER SCREEN KEYS							
←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	
KEY # 9	10	11	12	13	14	15	16
2ND ARRAY OF PARAMETER SCREEN KEYS							

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 8 MAY 1965,1411Z
 OLD: DTG Z
 NEW: 30 APR 1965,1714Z

UNCLASSIFIED
 BASE STATUS

CENTRAL ALL MISSIONS ALL BASE TYPES

STATUS AS OF:
 8 MAY 1965,1411Z

BASE	STATUS	BASE NAME	BASE	ETIC	ATX	IRY	COM	INS	ANN	SUPL	POL	ITRANI
IN		AHLHORN	061200Z	MAY	CON	IN	IL	IL	IL	IL	IL	IL
IN		BITBURG	061100Z	MAY	CHE	IL	IN	IN	IN	IL	IL	IL
IN		ERDING	061000Z	MAY	BIO	IL	IN	IN	IL	IL	IN	IN
IN		GEILENKIRCHEN	UNKNON		CON	IN	IL	IN	IL	IL	IN	IN
IN		INGOLSTADT	UNKNON		NUC	IL	IN	IN	IL	IL	IN	IN
IN		RHEIN MAIN	060900Z	MAY	CON	IN	IN	IN	IL	IL	IN	IN
IN		WIESBADEN	060800Z	MAY	CON	IN	IN	IN	IL	IL	IN	IN
IL		WANN							IL	IL	IL	IL
IL		JEVER							IL	IL	IL	IL
IL		NOUVENICH							IL	IL	IL	IL
IL		SENBACH							IL	IL	IL	IL
IL		SPANGDAULEN							IL	IL	IL	IL

PAGE 1 OF 4

8 May 65

UNCLASSIFIED

1411Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			
				->

UNCLASSIFIED
BASE STATUS

CENTRAL ALL MISSIONS ALL BASE TYPES

STATUS AS OF:
30 APR 1985, 1517Z

SCREEN CURRENCY:
30 APR 1985, 1518Z
SCREEN DATA CURRENCY:
DTG: 0116Z
REV: 30 APR 1985, 1517Z

NAME	BASE	STRAT	ETIC	ATA	OPERATIONAL STATUS	REMARKS
BALDWIN	POP	661180Z	POP	POP	POP	REPAIR AND TROUBLE CENTERED
BLOOMERY	POP	POP	POP	POP	POP	
BENTON	POP	POP	POP	POP	POP	
BIBBING	POP	661180Z	POP	POP	POP	NEED REPLACEMENT MAIN TOWER LOAD CELLS
BOSWELL	POP	POP	POP	POP	POP	
BRECHTEN	POP	POP	POP	POP	POP	
BULLSHALL	POP	POP	POP	POP	POP	
DE PEEL	POP	POP	POP	POP	POP	
EDDING	POP	661180Z	POP	POP	POP	PAINT, FUELS, AND TANKS TESTS ALL WITH UNKNOWN VIRUS
FALGOUT	POP	POP	POP	POP	POP	
FANNINGLY	POP	POP	POP	POP	POP	
FLORESSES	POP	POP	POP	POP	POP	
GELESTROEN	POP	UNKNOWN	POP	POP	POP	REPAIR WORKS RUNNING INOP WITH CORRUPT
GREENHAM COMMON	POP	POP	POP	POP	POP	
HAH	POP	POP	POP	POP	POP	
HOPSTEN	POP	POP	POP	POP	POP	REPAIR WORKS RUNNING INOP
THELSTROT	POP	UNKNOWN	POP	POP	POP	REPAIR WORKS RUNNING INOP
JEVER	POP	POP	POP	POP	POP	
LOAR	POP	POP	POP	POP	POP	

1804Z

UNCLASSIFIED

30 Apr 85

PAGE 1 OF 3

(-) PAGE REV: []
 PAGE FID: []
 WLF PG: []
 CHANGE STATUS DATA: []
 5/80

SCREEN TITLE: BASE STATUS (INPUT VERSION)

SCREEN NUMBER: AF.STAT. .G

SCREEN PURPOSE:

This version of the Base Status screen provides an input capability.

SCENARIO: (Reference baseline scenario)

AFIRMS Communication links are down between HQ USAF and HQ USAF. The CSS has received the base status information via secure telephone other secure means.

DATA SOURCE:

The CSS is inputting the base status data into the data base.

DISPLAY SCREEN FEATURES: See Product Display Screen Features, page 3-8.

Full Screen Editor
Paging and Scrolling
Data Change Indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, Page 3-9.)

Keys No. 1, 2, 4-7, and 9-16.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Base Status Remarks	53G

5/82

14391

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 8 MAY 1985,1409Z
 OLD: DTG Z
 NEW: 30 APR 1985,1714Z

UNCLASSIFIED
 BASE STATUS

STATUS AS OF:
 8 MAY 1985,1409Z

CENTRAL ALL MISSIONS ALL BASE TYPES

	BASE	STAT	ETIC	(ATK)	OPERATIONAL STATUS	(POL) (TRN) (REMARKS)
	ALHORN	NOP	061200Z	MAY	CON NOP LOP	LOP LOP FOP LOP LOP RUNWAY AND TAXIWAY CRATERED
	ALCONBURY	FOP			FOP FOP	FOP FOP FOP FOP
	BENTWATERS	FOP			FOP FOP	FOP FOP FOP FOP
	BITBURG	NOP	061100Z	MAY	CHE LOP NOP	LOP LOP LOP LOP LOP NEED REPLACEMENT MUNITION LOAD CREWS
	BOSCOMBE DOWN	FOP			FOP FOP	FOP FOP FOP FOP
	BRENGARTEN	FOP			FOP FOP	FOP FOP FOP FOP
	COLTISHALL	FOP			FOP FOP	FOP INA FOP FOP FOP
	DE PEEL	FOP			FOP FOP	FOP FOP FOP FOP
	ERDING	NOP	061000Z	MAY	BIO LOP LOP	NOP LOP NOP NOP MAINT, FUELS, AND TRANS PERS ILL WITH UNKNOWN VIRUS
	FAIRFORD	FOP			FOP FOP	FOP INA FOP FOP FOP
	FITTINGLY	FOP			FOP FOP	FOP FOP FOP FOP
	FLORENES	FOP			FOP FOP	FOP FOP FOP FOP

PAGE 1 OF 4

8 May 85

UNCLASSIFIED

1409Z

SEGMENT 1 OF 1

	DISPLAY	LINE		TOP		PREVIOUS		UPDATE
	PARAM	HIGHLIGHT		MENU		MENU		SCREEN
	SELECT	TOGGLE						->

SCREEN CURRENCY:
30 APR 1985,146Z
SCREEN DATA CURRENCY:
016Z
DLJ: 30 APR 1985,146Z

STATUS AS OF:
30 APR 1985,146Z

UNCLASSIFIED
UNIT STATUS
CENTRAL ALL MDS

UNIT NAME	AIRCRAFT			MR CRW	LOCATION		
	MDS	PAR	POS		MC	BASE	STATUS
91TFS	A-10A	18	6	6	9	AHLH NOP	061200Z MAY
17RW	TR-1A	6	6	4	9	ALCO FOP	
1TRS	RF-4C	18	18	14	21	ALCO FOP	
527TFS	F-5E	18	18	17	23	ALCO FOP	
509TFS	A-10A	18	18	16	23	BENT FOP	
510TFS	A-10A	18	12	9	14	BENT FOP	
511TFS	A-10A	18	18	16	23	BENT FOP	
92TFS	A-10A	18	12	11	15	BENT FOP	
1TRS	RF-4C	18	22	22	22	BITB NOP	061100Z MAY
22TFS	F-15C	22	23	18	29	BITB NOP	061100Z MAY
	F-15D	2	22	0	0	BITB NOP	061100Z MAY
525TFS	F-15C	22	23	16	29	BITB NOP	061100Z MAY
	F-15D	2	1	1	0	BITB NOP	061100Z MAY

PAGE 1 OF 5

30 APR 85

280Z

UNCLASSIFIED

SCREEN TITLE: UNIT STATUS

SCREEN NUMBER: AF.STAT. .T

SCREEN PURPOSE:

Display operational status of unit aircraft and aircrews on a large screen video display.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, XCOIM, XOOOE, PRC

SCENARIO: (Reference baseline scenario.)

During the excitement and confusion of the initial stages of a conflict/crisis, it is difficult to keep an accurate "scorecard" of the deploying units to know "who's on first." The biggest need for such information is knowing what units are at particular locations that may need support and/or can be used. (A CONUS version would inform the CSS of what remains in CONUS needing support, or is usable following a mass deployment.)

CLASSIFICATION:

This product is classified SECRET (this is test data).

ASSUMPTIONS: None.

DATA SOURCE:

The units report their status to the HQ USAF OSC via AFIRMS, USAFE, in turn, accumulates the information and reports it to HQ USAF via AFIRMS.

RELATED SCREENS:

Base Status
Unit Status (Input)

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Output screen only
Paging/Scrolling
Field coloring
Data change indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-11, and 15.

RECOMMENDED CHANGES:

- a. Unless the product is used for a large screen video, reduce the character size for the color terminal to a 2x2 pixel size.
- b. For color terminals, use color codes instead of a value for base status.
- c. Delete the Base ETIC.
- d. Delete Aircraft PAA.
- e. Add a data sort parameter so the user can view the data in the desired sorted sequence.
- f. Add a column for unit mission, i.e., air-air, air-ground.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>	<u>Element Name</u>	<u>DRD #</u>
Unit Name	13A	Aircraft MC	13Q
Resource Designator (MDS)	13B	Base Geographical Area	53C
Resource Authorized Amount (PAA)	13C	Base Operational Status	53D
Resource Current Amount (POS)	13H	Base ETIC	53F
Base Name	13J	Base Short Name	53J
Aircrews MR	13P	Base Country Name	53K

PARAMETER SELECTION SCREEN:

UNIT STATUS PARAMETER SCREEN			
ENVIRONMENT: PEACE	EXERCISE	CRISIS	PAGE 1 of 3
<p>1. GEOGRAPHIC REGION CENTRAL REGION</p> <p>2. COUNTRY NAME ALL COUNTRIES</p> <p><input checked="" type="checkbox"/> 3. UNIT AIRCRAFT MDS ALL MDS</p> <p>4. BASE NAME ALL BASES</p> <p>5. UNIT NAME ALL UNITS</p>			
<p>Write in a value.</p> <p>Choose a minimum of 1 value and a maximum of 5.</p> <p>All MDS Airlift Bomber Fighter/Recco Rescue Support Tanker A-7 A-10 F-4 F-15 F-16 F-111</p>			
DISPLAY PRODUCT		RETURN TO TOP MENU	HELP
KEY # 1	2	3	4
KEY # 5	6	7	8

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD		DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
---------	---	---	---	---	---	---	---

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 15 MAY 1985,1438Z
 OLD: DTG Z
 NEW: 30 APR 1985,1708Z

UNCLASSIFIED
 UNIT STATUS
 CENTRAL ALL MDS

STATUS AS OF:
 15 MAY 1985,1438Z

UNIT	AIRCRAFT	IMR	LOCATION
191TFS	A-10A	18 16 19	AWLH NOP 061200Z MAY
11704	TR-1A	6 6 14 19	ALCO FOP
11TRS	RF-4C	18 18 14 21	ALCO FOP
1527TFS	F-5E	18 18 17 23	ALCO FOP
150TFS	A-10A	18 18 16 23	BENT FOP
1510TFS	A-10A	18 12 19 14	BENT FOP
1511TFS	A-10A	18 18 16 23	BENT FOP
192TFS	A-10A	18 12 11 15	BENT FOP
11TRS	RF-4C	18 22 22 22	BITB NOP 061100Z MAY
122TFS	F-15C	22 23 18 29	BITB NOP 061100Z MAY
1525TFS	F-15C	22 23 16 29	BITB NOP 061100Z MAY

PAGE 1 OF 6

15 May 85

UNCLASSIFIED

1438Z

SEGMENT 1 OF 1

DISPLAY	LINE		TOP		PREVIOUS		UPDATE
PARAM	HIGHLIGHT		MENU		MENU		SCREEN
SELECT	TOGGLE						->

UNCLASSIFIED
UNIT STATUS
CENTRAL ALL MOS

SCREEN CURRENCY:
30 APR 1985,1719Z
SCREEN DATA CURRENCY:
DLJ: 016Z
REL: 30 APR 1985,1700Z

STATUS AS OF:
30 APR 1985,1719Z

UNIT NAME	AIRCRAFT			MR		LOCATION	
	MDS	PAR	POS	MC	CRWJ	BASE STATUS	BASE ETIC
22TFS	F-15C	22	23	18	29	BITB NOP	061100Z MAY
	F-15D	2	22	0	0	BITB NOP	061100Z MAY
525TFS	F-15C	22	23	16	29	BITB NOP	061100Z MAY
	F-15D	2	1	1	0	BITB NOP	061100Z MAY
53TFS	F-15C	22	21	17	29	BITB NOP	061100Z MAY
	F-15D	2	23	1	0	BITB NOP	061100Z MAY
11STG	KC-135A	0	18	16	24	FAIR FOP	
405TMS	BGM-109	16	16	15		FLOR FOP	
11TMS	BGM-109	16	16	14		GRCD FOP	
10TFS	F-16A	22	24	19	28	HANN LOP	
	F-16B	2	1	0	0	HANN LOP	
313TFS	F-16A	22	23	17	28	HANN LOP	
	F-16B	2	1	0	0	HANN LOP	
496TFS	F-16A	22	23	17	29	HANN LOP	
	F-16B	2	1	0	0	HANN LOP	
492TFS	F-11F	24	24	16	30	LAKE FOP	
493TFS	F-11F	18	18	12	23	LAKE FOP	
494TFS	F-11F	24	24	16	30	LAKE FOP	
495TFS	F-11F	12	12	8	10	LAKE FOP	
92TFS	A-10H	18	6	6	9	LETP FOP	

218Z

UNCLASSIFIED

30 Apr 85

PAGE 1 OF 4

FULL PG

PAGE REV

PAGE FWD

CHANGE STATUS DATA

SCREEN TITLE: UNIT STATUS (INPUT VERSION)

SCREEN NUMBER: AF.STAT. .T

SCREEN PURPOSE:

This version of the Unit Status screen provides an input capability.

SCENARIO:

AFIRMS communications links are down between HQ USAF and HQ USAF. The CSS has received the unit status information by secure telephone or other secure means.

DATA SOURCE:

The CSS inputs the unit status data into the data base.

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

CLASSIFICATION COMMUNICATIONS SUPPORT STATUS CENTRAL REGION

SCREEN CURRENCY:
DTG
SCREEN DATA CURRENCY:
DTG
DTG
DTG

STATUS AS OF:
15 AUG 83, 0400Z

BASE	TOWER	RAPCON /GCA	TACAN	AUTODIN	SECURE VOICE	COM POST	CABLE PLANT	OVERALL	ETIC
AHLHORN									
SPANGDAHEIM	A								101300Z
BITBURG									
HAHN	A								
LEIPHEIM									
NORVENICH									
RAMSTEIN									
RHEIN-MAIN									
SEMBACH									
SOESTERBERG									
WEISBADEN									
ZWEIBRUCKEN									

FOP	
LOP	
NOP	
ALT FAC	A

SCREEN NO NO.1

0700Z

15 AUG 83 CLASSIFICATION

SCREEN TITLE: COMMUNICATIONS SUPPORT STATUS

SCREEN NUMBER: AF.STAT. .G

SCREEN PURPOSE:

Present the status of base communications resources.

USERS:

PRIMARY: CSS

SUPPORTING: X00IM, X000E

SCENARIO:

After viewing the Base Status product, the CSS communications representative wants to see more detailed information on communications in the Central Region.

CLASSIFICATION:

This product is UNCLASSIFIED when all bases are fully operational (FOP). When any base becomes limited or not operational (LOP or NOP) the product is SECRET.

ASSUMPTIONS:

An overall communications status is assigned based on component statuses.

DATA SOURCES:

- a. The bases report their status to the HQ USAFE OSC via AFIRMS. USAFE, in turn, accumulates the information and reports it to HQ USAF via AFIRMS.
- b. AF-wide terms do not have to be used (e.g., FOP, LOP, NOP are unique to USAFE).

RELATED SCREENS:

Base Status
Status Map
Base Communication Status Detail [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Output screen only
Paging/Scrolling
Field coloring
Data change indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, and 9-11.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

**UNCLASSIFIED
MUNITIONS STATUS
USAFE**

SCREEN CURRENCY:
30 APR 1985, 1463Z
SCREEN UNIT CURRENCY:
DITZ
U.L.O.
451: 30 APR 1985, 1463Z

STATUS AS OF:
30 APR 1985, 1463Z

BASE NAME	AIR INTERCEPT MISSILE (AIM)				AIR-GROUND MISSILE (AGM)				DISPENSERS				BOMBS				GUN AMMO (x 600)		FLARES NU-2
	7E	7F	7N	7O	8A	8B	8C	8D	9A	9B	9C	9D	10A	10B	10C	10D	20M1	20M2	
169F RESTURLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171FW	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CP DUMBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170F TRUCK	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106E JIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174F RESTURLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
817BLOS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194H	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195F JIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
815STOROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPACOPALEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12E GARDUCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34F RESTURLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALCOHOLRY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BEANWATERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEKOPENTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPPER HEYFORD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BEUJYOND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

169F	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174F	3700	1000	600	0	2100	0	0	2000	10700	3700	3000	102000	0	285000	12300	0	0	0	0	0
34F	0	0	0	0	0	0	0	100	6204	11151	4300	12130	25388	401	26301	2840	600	0	9500	0
USAFE	4100	1000	600	500	2700	0	0	100	26314	49051	17000	10230	174680	481	281501	127240	600	17000	10740	11750

PRICE
REV

PRICE
FWD

30 Apr 85

UNCLASSIFIED

18J PG

204Z

PAGE 1 OF 2

5/92

SCREEN TITLE: MUNITIONS STATUS

SCREEN NUMBER: AF.STAT. .J

SCREEN PURPOSE:

To display the inventory levels of various munitions at many bases or storage sites.

USERS:

PRIMARY Y: LRC

SUPPORTING: CSS, XOOIM, XOOOE

SCENARIO: (Reference baseline scenario.)

After reviewing the Base Status screen or Munitions Capability, the LRC is reviewing the status of munitions in the Central Region.

CLASSIFICATION:

This is normally classified SECRET. However, "what-if" exercises may be UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCES:

The munitions data is input by the units into their AFIRMS and reported to USAFE. USAFE inputs the depot and residual munitions into their AFIRMS and rolls-up the data to HQ USAF. If an interface with CAS is developed, the data could be obtained from CAS. During Command Post Exercises (CPX), the USAFE LRC will probably enter all of the data into AFIRMS.

RELATED SCREENS:

Munitions Capability
Resource Reallocation

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8)

Full screen editor
Paging and Scrolling (including horizontal paging)
Totals in special area at bottom of screen
Field coloring

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9)

Keys no. 1, 2, 4-7, and 9-16.

RECOMMENDED CHANGES:

- a. Add columns for MK-82A (A = Airburst), MK-84A, and GBU-15 bombs, MJU-7 and M206 flares, M129, RR119, RR136, RR141, and RR170 chaff.
- b. This color screen needs horizontal paging (or segmentation like the black and white version). With the additional columns just recommended, the product needs three pages or segments: (1) AIMS and AGMs; (2) Dispensers and bombs; and (3) Gun Ammo, flares, and chaff (to be added).
- c. After implementing the horizontal paging or segmentation change, make the character size larger.
- d. It must be an input product.
- e. The non-technical user needs ability to add and delete columns/munitions as munitions enter or leave the inventory.
- f. Gun ammunition measurement must be change to "each" versus "x000."
- g. Need ability to input a management level for each munition and base that, when compared to the current quantity, will cause the field for the appropriate munition and base to color/highlight when the current quantity falls below the management level.
- h. Need field coloring when the munition quantity for a base falls below a preset management level.
- i. Add database label to subtitle, e-g., WINTEX.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Unit Name Owning Resource	13A
Resource Name	13B
Resource Set Label	13D
Resource Current Amount	13H
Base Name	13J
Resource Roll-up DTG (for status as of)	13N

PARAMETER SELECTION SCREEN:

MUNITIONS STATUS PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			Page 1 of 1
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>Choose a minimum of 1 value and a maximum of 1.</p> <p>AAC AFLC MAC PACAF SAC TAC USAFE</p> </div>									
<p>1. MAJOR COMMAND USAFE</p> <p>2. BASE NAME ALL BASES</p> <p>3. DATABASE LABEL WINTEX</p>									
←	PAGE REVERSE	FULL PG	PAGE FORWARD	HALF PG	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑	
KEY # 9	10	11	12	13	14	15	16		
2ND ARRAY OF PARAMETER SCREEN KEYS									
←	PAGE REVERSE	FULL PG	PAGE FORWARD	HALF PG	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE		
KEY # 9	10	11	12	13	14	15	16		

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 30 MAY 1985,1128Z
 O.D.: 070 2
 MCH: 0 MAY 1985,1658Z

UNCLASSIFIED
 CONDITIONS STATUS
 URGENT

STATUS AS OF:
 30 MAY 1985,1128Z

BASE NAME	AIR INTERCEPT MISSILE (AIM)			AIR-GROUND MISSILE (AGM)			GUN ARMED (x 000)			FLAKES
	ZL	ZH	SL	ZL	ZH	SL	ZL	ZH	SL	
164F RESIDUAL	0	0	0	0	0	0	0	0	0	0
AVIAND	300	0	0	300	0	0	0	0	0	3000
CP DABBY	0	0	0	0	0	0	0	0	0	200 500
INCLILIK	1100	0	0	1100	0	0	0	0	0	0
TORREJON	0	0	0	0	0	0	0	0	0	0
170F RESIDUAL	0	0	0	0	0	0	0	0	0	3000
BITTING	0	0	0	0	0	0	0	0	0	0
MANH	0	0	0	0	0	0	0	0	0	0
MANSTEIN	300	0	0	300	0	0	0	0	0	0
SEESTERBERG	0	0	0	0	0	0	0	0	0	0
SPANNHOLLEN	3200	0	0	2800	0	0	0	0	0	0
MENTIGATH	0	0	0	0	0	0	0	0	0	2500

PAGE 1 OF 2

30 May 85

UNCLASSIFIED

SECRET 1 OF 2

DISPLAY LINE	TOP	PREVIOUS	UPDATE
MANH	MANU	MANU	SCREEN
SELECT	TOSSEL		

SCREEN: 30 MAY 1985,1128Z
 O.D.: 070 2
 MCH: 0 MAY 1985,1658Z

UNCLASSIFIED
 CONDITIONS STATUS
 URGENT

STATUS AS OF:
 30 MAY 1985,1128Z

BASE NAME	DISPERSELS			BOMBS			GUN ARMED (x 000)			FLAKES
	ZL	ZH	SL	ZL	ZH	SL	ZL	ZH	SL	
164F RESIDUAL	0	0	0	0	0	0	0	0	0	0
AVIAND	0	0	0	0	0	0	0	0	0	3000
CP DABBY	0	0	0	0	0	0	0	0	0	200 500
INCLILIK	2000	0	0	2000	0	0	0	0	0	0
TORREJON	0	0	0	0	0	0	0	0	0	0
170F RESIDUAL	2000	0	0	2000	0	0	0	0	0	3000
BITTING	0	0	0	0	0	0	0	0	0	0
MANH	0	0	0	0	0	0	0	0	0	0
MANSTEIN	0	0	0	0	0	0	0	0	0	0
SEESTERBERG	0	0	0	0	0	0	0	0	0	0
SPANNHOLLEN	2801	0	0	2800	0	0	0	0	0	0
MENTIGATH	0	0	0	0	0	0	0	0	0	2500

PAGE 1 OF 2

30 May 85

UNCLASSIFIED

SECRET 2 OF 2

DISPLAY LINE	TOP	PREVIOUS	UPDATE
MANH	MANU	MANU	SCREEN
SELECT	TOSSEL		

**UNCLASSIFIED
WING RESOURCE SUMMARY**

SCREEN CURRENCY:
30 APR 1985, 1719Z
SCREEN DATA CURRENCY: DTGZ
TLO: DTGZ
TUI: 30 APR 1985, 1708Z

STATUS AS OF:
30 APR 1985, 1719Z

RESOURCE SET NAME	WING NAME	ACT	PAR	RES	CRN	BASE	NAME	TYPE	QUANTITY	AS OF DATE AND TIME (Z)
TESTACTUAL	30170	24	18	30	18	18	SOESTERBERG	RR170	500000	
TESTACTUAL	30170	12	12	18	18	18	SOESTERBERG	2000 PE1	2000000	
								RR1-77	400	
								RR1-78	400	
								RR1-79	100	
								RR1-80	300	
								RR1-81	1500	
								JP-4	5003124	
								RR1-82	1000	
								RR1-83	500	
								RR170	1000000	
TESTACTUAL	30655	0	0	0	0	0	WENTGRATH	2000 PE1	5000000	
								3000 PE1	3500000	
								RR1-75A	400	
								RR1-76A	1000	
								RR1-77	4000	
								RR1-78	4000	
								RR1-79	4000	
								RR1-80	4000	
								RR1-81	4000	
								RR1-82	150000	
								RR1-83	6000	
								RR1-84	3000	
								RR1-85	3000	

PAGE 2 OF 5

30 APR 85

22217

UNCLASSIFIED

← PAGE REV

HALF PG

PAGE FWD

← PAGE REV

HALF PG

PAGE FWD

SCREEN TITLE: WING RESOURCE SUMMARY

SCREEN NUMBER: AF.STAT. .J

SCREEN PURPOSE:

Display the rolled up unit resources after the resources are reported to HQ USAF by the MAJCOM, and/or before or after the Sortie Generation Model (SGM) has used the resources to compute unit readiness assessment.

USERS:

PRIMARY: CSS

SUPPORTING: LRC JIM, XOOOE

SCENARIO: (Reference baseline scenario.)

Having reviewed the tasking and capability assessments, the CSS is reviewing the unit resources used in the assessments.

CLASSIFICATION:

This display will normally be classified SECRET for real data. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the resource database must set the classification.

ASSUMPTIONS: None.

DATA SOURCES:

There are three sources for the resource data: (1) the unit inputs real/actual resource data and transmits it to the MAJCOM which, in turn, inputs theatre depot resource data and rolls up unit and depot data to HQ USAF; (2) the HQ USAF user inputs the data for "what-if" queries and/or POM exercises; and (3) AFIRMS interfaces with other automated resource data systems such as CFMS and CAS for real/actual resource data (no exercise data).

RELATED SCREENS:

Integrated Capability
Individual Resource Capability
Fuels Capability
Base Fuels Capability
Munitions Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name	DRD #
Resource Set Identifier	I3D
Unit Name Owning Resource	I3A
Resource Authorized Amount (aircraft PAA)	I3C
Aircraft MC	I3Q
Aircrew MR	I3P
Base Name	I3I
Resource Type	I3B
Resource Current Amount	I3H
Resource Rollup DTG	I3N

PARAMETER SELECTION SCREEN:

WING RESOURCE SUMMARY PARAMETER SCREEN				
ENVIRONMENT: PEACE	EXERCISE	CRISIS	PAGE 1 of 1	
<p>1. RESOURCE SET NAME</p> <p>2. UNIT NAME ALL UNITS</p> <p>3. LOCATION ALL BASES</p> <p>4. RESOURCE TYPE ALL RESOURCES</p> <p>5. COMMAND UNIT USAFE</p>				
TESTACTUAL				
DISPLAY PRODUCT		RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
				↑

Write in a value.

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15 16

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 16 MAY 1985,1120Z
 OLD: DTG Z
 NEW: 8 MAY 1985,1450Z

UNCLASSIFIED
 HING RESOURCE SUMMARY

STATUS AS OF:
 8 MAY 1985,1409Z

RESOURCE SET NAME	HING NAME	ADCT PRAINC	IMR LCRIBASE	RESOURCE NAME	TYPE	QUANTITY/ROLL UP	AS OF DATE AND TIME(Z) TRANSMIT
TESTACTUAL	36TFM	72	52	187	BITBURG	AIM-7F	400
					BITBURG	AIM-7H	400
					BITBURG	AIM-9L	100
					BITBURG	AIM-9P	300
					BITBURG	CBU-58	11500
					BITBURG	JP-4	5003124
					BITBURG	M129	11000
					BITBURG	MK-20	500
					BITBURG	AR170	1100000
TESTACTUAL	50ASS	0	10	10	HENIGMATH	20MM HEI	500000
					HENIGMATH	30MM HEI	3500000
					HENIGMATH	ACT-45A	400

PAGE 3 OF 9

16 May 85

UNCLASSIFIED

1120Z

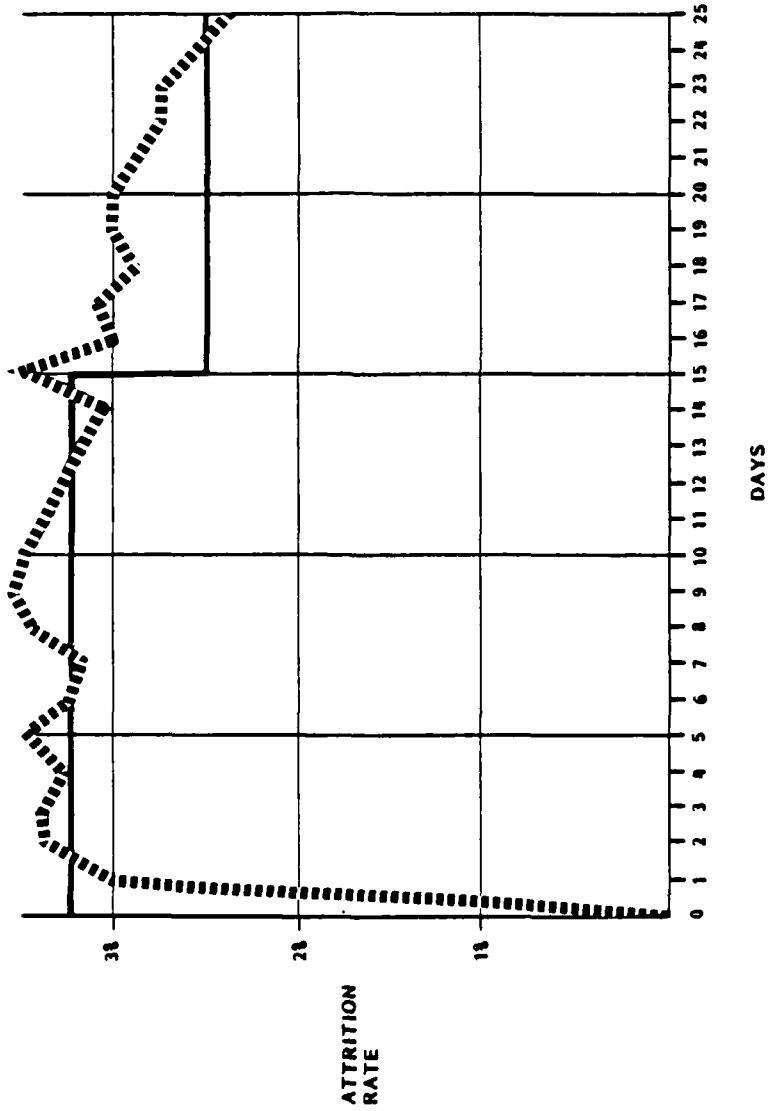
SEGMENT 1 OF 1

PRAGE	FULL PG	PRAGE	CHANGE	ADD	DELETE	ENTER
(←)REV	←	FWD	SUMMARY	SUMMARY	SUMMARY	(→)
	HALF PG		DATA	DATA	DATA	

CLASSIFICATION
ATTRITION TRENDS
USAFE: FIGHTER/RECCE

SCREEN CURRENCY:
 DTG
 SCREEN DATA CURRENCY:
 DTG
 DTG

STATUS AS OF:
 15 AUG 83, 0600Z



TOTALS	24 HRS
AIRCRAFT	334
PILOTS	226
WSOs	90
	1

— PROJECTED RATE
 - - - - - ACTUAL RATE

SCREEN ID NO.: 1

0700Z

CLASSIFICATION

15 AUG 83

SCREEN TITLE: ATTRITION TRENDS

SCREEN NUMBER: AF.STAT. .G

SCREEN PURPOSE:

Compare the actual attrition rate with the (WMP, OPLAN, etc.) projected attrition rate.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, PRC, XOOIM, XOOOE

SCENARIO:

In any war, forces are attrited and must be replaced. If the rate at which attrition occurs can be anticipated, replacements can be built/trained/alerted/deployed to the theatre before the loss occurs to minimize any reduction in readiness.

CLASSIFICATION:

This product is classified SECRET.

ASSUMPTIONS: None.

DATA SOURCES:

The units report the actual data via AFIRMS to USAFE which in turn, reports it to HQ USAF. The USAFE CSS may also input the data from message traffic and intelligence reports.

RELATED SCREENS: None.

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

A variation of the normal line graph screen.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGE:

Change the y-axis from a percentage rate to a quantity. It is too much to expect the number of sorties flown to be reported by all units in all scenarios (e.g., NATO). When the actual number falls above the expected number, color the difference in red. When the actual number is below the expected number, color the difference green.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

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5/102

30421

2.1 HQ USAF Staff Support Products

The Air Staff support products included in this section support the Air Staff's activities during the phases of the Planning, Programming, and Budgeting System (PPBS). A major objective of AFIRMS is to provide a capability for the Air Staff to connect budget dollars to force readiness.

SCREEN TITLE

Mission Area Tasking
War Mobilization Plan (POM Variation)
Individual Resource Capability (POM Variation)
Wing Resource Summary (POM Variation)
Resupply Schedule (POM Variation)
Dollars to Readiness - Comparisons (Fuels)
Dollars to Readiness - Comparisons (all Resources)
Dollars to Readiness - Resource Perspective
Resource Unit Price
Dollars to Readiness Associations
Munitions Substitution Sortie Requirement
Munitions Substitution Sortie Capability
Capability Perspective
Process Status

The screens in the previous section used current unit data to determine current unit readiness/capabilities. The unit data and unit readiness/capabilities needed to support the Air Staff in its PPBS activities are out-year data. By updating current unit resource data with programmed unit resource increases/decreases, a programmed out-year readiness/capability can be projected with the tasking and capability products. Therefore, except for four screens, the tasking products in Section 1.1 and capability assessment products in Section 1.2, will not be repeated in this section. As can be seen in the four screens that are included, only the tasking name is different - the process is basically the same.

The updating of current unit resource data, mentioned above, to reflect the out-years will be performed in three steps:

1. Process the resource programming plans (munitions, fuels, aircrew training, unit manning, etc.);
2. Allocate the programmed resources, both funded and planned, to the units level; and,
3. Assess the impact on unit readiness. Iteration over these three steps to obtain an acceptable result will, presumably, be required.

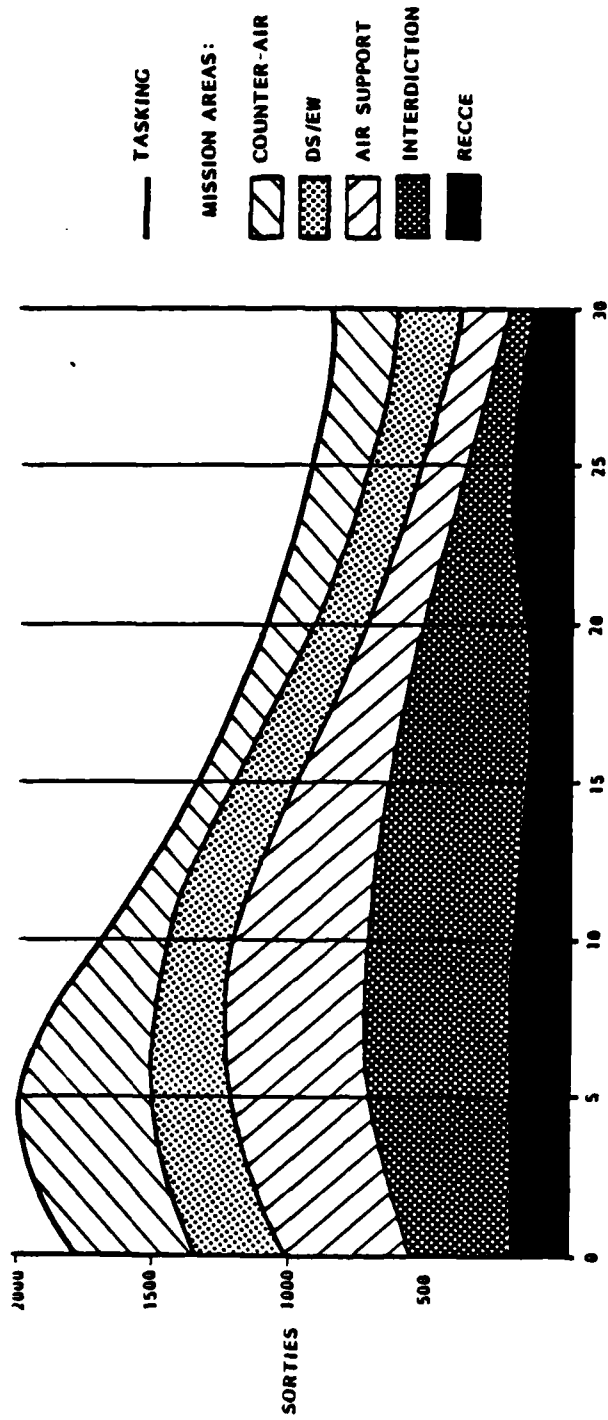
Processing the resource programming plans entails converting out-year spending plans to resource counts and updating the current levels accordingly. This and the other two steps will need both real-world and what-if inputs from the users.

The need for AFIRMS to process historical data on past capabilities, tasks, and standards has been established. However, the methodology and ability of AFIRMS to normalize the past to the present (or vice versa) will be established during the Analysis Phase of the AFIRMS implementation.

CLASSIFICATION MISSION AREA TASKING USAFE

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC

TASKING: CHANGE 2
FY88 WMAP



SCREEN ID NO. 1

9788Z

CLASSIFICATION

15 AUG 83

SCREEN TITLE: MISSION AREA TASKING

SCREEN NUMBER: AF.TASK. G.

SCREEN PURPOSE:

Display the distribution of sorties across multiple mission areas. This screen also demonstrates the application of other tasking screens from the Translates Tasking section (1.1) using the FY86 WMP as the task.

USERS:

PRIMARY: XOXIC

SUPPORTING: PRPF, XOXFM

SCENARIO:

In the PPBS planning phase, XOXIC is developing the tasking from the Air Force WMP for use in developing the resource requirements, e.g., munitions, TRAP, spares, support equipment, and manpower, etc. for the Air Force Program Objective Memorandum (POM).

CLASSIFICATION:

This product is normally classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the HQ USAF user building the task must set the classification.

ASSUMPTIONS:

- a. The out-year tasking data has been entered and units tasked.
- b. The sortie data will be WMP data.
- c. Input may be via tape, disk, or manual effort.

DATA SOURCES:

The mission data is computed from tasking data that a user has input and assigned to units. The mission data is then aggregated into mission areas for the POM. If an interface is developed with COMPEX and XOXIC's Wartime Sortie and Flying Hour program, much of the tasking data can be obtained from them. If such an interface is not developed, the data is manually input by the users.

RELATED SCREENS:

- Mission Tasking (Ref. Section 1.1)
- Aircraft Tasking (Ref. Section 1.1)
- War Mobilization Plan (Ref. Section 1.1)
- Mission Profile Definition (Ref. Section 1.1)
- Order Assignments (Ref. Section 1.1)
- Wing Flying Day (Ref. Section 1.1)
- Wing Operations Rates (Ref. Section 1.1)
- Mission and Aircraft Tasking Detail Summary (Ref. Section 1.1)
- Munitions Tasking [Planned; not included]
- Fuels Tasking [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8).

Dynamic legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

SCREEN CURRENCY: 20 MAY 1985, 1149Z
 SCREEN DATA CURRENCY: 0102Z
 CUI: 20 MAY 1985, 1149Z

UNCLASSIFIED
 WAR MOBILIZATION PLAN
 VOL 5 - EXTRACT

TRKING: CHANGE 3
 FY86 WMP

WMP LABEL	SEGMENT FROM	TO	SORTIES PER DAY	MD	PER A/C RATE	SORTIE DURATION
FY86 WMP	0	6		A-10	3	1.5
				A-7	3	1.5
				EF-111	2	2.5
				F-111	2	2.5
				F-15	3	1.5
				F-16	3	1.5
				F-4	3	1.5
				RF-4	2.6	1.5
FY86 WMP	7	29		A-10	2	1.5
				A-7	2	1.5
				EF-111	1.5	2.5
				F-111	1.5	2.5
				F-15	2	1.5
				F-16	2	1.5
				F-4	2	1.5
				RF-4	2	1.5
FY86 WMP	30	365		A-10	1	1.5
				A-7	1	1.5
				EF-111	1	2.5
				F-111	1	2.5
				F-15	1	1.5
				F-16	1	1.5
				F-4	1	1.5

← PAGE REV

20 May 85

PAGE 1 OF 2

CHANGE IMPROV DATA

ADD WMP SEGMENT

DELETE WMP SEGMENT

1549Z

UNCLASSIFIED

SCREEN TITLE: WAR MOBILIZATION PLAN (POM Variation)

SCREEN NUMBER: AF.TASK. .T

SCREEN PURPOSE:

Display the War Mobilization Plan (WMP) Volume 5 planning factors for the FY86 POM.

USERS:

PRIMARY: XOXIC

SUPPORTING: XOXR (MAA), XOXFM, LEYS, LEYW, LEXX

SCENARIO:

XOXIC is reviewing the FY86 WMP planning factors used in building the FY86 POM.

CLASSIFICATION:

Normally this screen will be classified SECRET. However, "what-if" versions may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTION:

The sortie rates and duration will be the same for all units with the same MDS.

DATA SOURCE:

The data for WMP will be input by XOXIC or obtained by interfaces to COMPES and/or XOXIC's Wartime Sortie and Flying Hour program.

RELATED SCREENS:

Mission Area Tasking
Order Assignments (Ref. Section I.1)
Wing Flying Day (Ref. Section I.1)

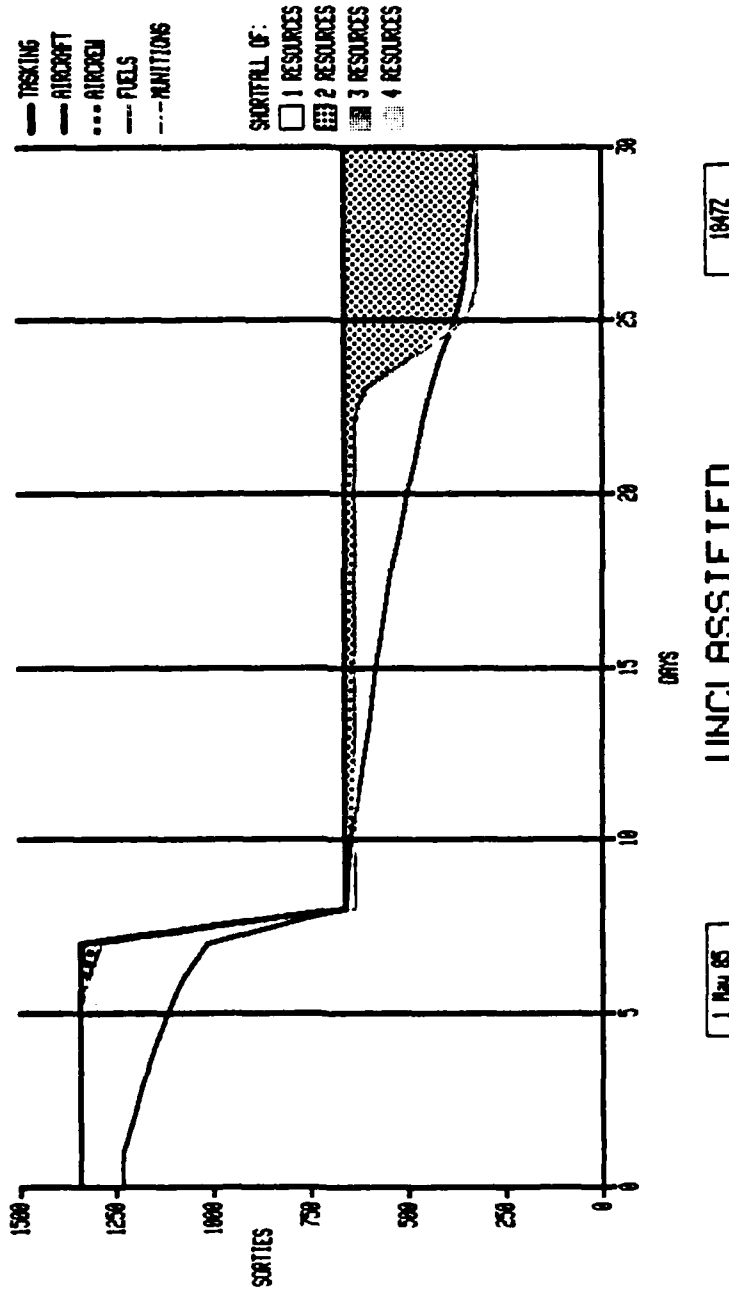
RECOMMENDED CHANGE:

Use aircraft MDS versus MD.

UNCLASSIFIED
INDIVIDUAL RESOURCE CAPABILITY
 USAF FIGHTER/RECCE

SCREEN CURRENCY:
 30 APR 1985, 1634Z
 SCREEN DATA CURRENCY:
 076Z
 01J
 29 APR 1985, 1723Z

TASKING:
 F106 WP
 CHANGE 3



UNCLASSIFIED

1 May 85 1947

SCREEN TITLE: INDIVIDUAL RESOURCE CAPABILITY (POM VARIATION)

SCREEN NUMBER: AF.CAP. .G

SCREEN PURPOSE:

This screen variation demonstrates the out-year application of the Individual Resource Capability product and other capability assessment products in section 1.2 using the FY86 WMP (as the task) and programmed unit resource levels.

USERS:

PRIMARY: XOXIC, XOXR (MAA)

SUPPORTING: LEYS, LEYW, LEXX, LEXY, PRPF

SCENARIO:

In the PPBS Planning phase, XOX could use this product in its Mission Area Analysis to help identify (and rank in relative importance) factors limiting USAF capabilities. In the programming phase, XOO, XOX, LEY, LEX, and PRP could use this product to help build and maintain a balanced capability in the POM. These users might also use it in the budgeting phase to defend the budget and/or help decide where any funding decreases/increases should be used.

CLASSIFICATION:

This product is normally classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. Each individual resource's assessment is made without constraints by the other resources, e.g., the aircrew assessment was not constrained by a lack of spares or munitions.
- b. Assumptions applying to separate resource area assessments apply to this display as well.

RELATED SCREENS:

Integrated Capability (Ref. Section 1.2)
Aircraft Spares Support Capability (Ref. Section 1.2)
Munitions Capability (Ref. Section 1.2)
Fuels Capability (Ref. Section 1.2)
Dollars To Readiness - Comparisons
Dollars To Readiness - Resource Perspective
Wing Resource Summary

STATUS AS OF:
20 MAY 1985, 1512Z

UNCLASSIFIED WING RESOURCE SUMMARY

SCREEN CURRENCY:
20 MAY 1985, 1252Z
SCREEN DATA CURRENCY:
DTG: 015Z
MO: 0 MAY 1985, 1452Z

RESOURCE SET NAME	WING NAME	RCFT	PR	RESOURCE COURSE NAME	TYPE	QUANTITY/ROLL UP	AS OF DATE AND TIME (Z)	TRANSMIT
1786 PUN	3015	18	20	SXCS1786B06	RT70	500000		
1786 PUN	3015	12	07	BT1786G	2001 RL	2000000		
					RLP-77	400		
					RLP-78	400		
					RLP-79	100		
					RLP-80	300		
					CRJ-9	100		
					PA-4	500124		
					RLP-9	1000		
					RC-20	300		
					RT70	100000		
					2001 RL	500000		
					2001 RL	5000000		
					RC-43A	400		
					RC-43A	1000		
					RC-43A	4000		
					CRJ-9	400		
					CRJ-9	400		
					CRJ-71	400		
					RC-20	150000		
					RC-20	6000		
					RC-20	300		
					RC-20	3000		

1654Z

UNCLASSIFIED

20 MAY 85

PAGE 2 OF 5

PRICE REV
 PRICE PD
 WFLS PG

SCREEN TITLE: WING RESOURCE SUMMARY (POM Variation)

SCREEN NUMBER: AF.STAT. .T

SCREEN PURPOSE:

Display the out-year unit resources allocated by the MAJCOM before and/or after the Sortie Generation Model (SGM) has used the resources to computer out-year unit readiness assessments for the POM. This product also demonstrates the application of other resource status products in Section 1.3 using programmed unit resources.

USERS:

PRIMARY: LEYW, LEYS

SUPPORTING: XOXFM, XOXR (MAA)

SCENARIO:

In POM development or "what-if" exercises, this product would be used to investigate resource shortfalls or to build or modify a resource database for capability assessments or resource allocation iterations.

CLASSIFICATION:

This display will normally be classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the resource database must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

There are two sources for the out-year resource data: (1a) the MAJCOM uses current unit data, adds current theatre depot resource data and projected resource gains, and rolls up the out-year unit data to HQ USAF; or, (1b) the MAJCOM updates a existing out-year database with the resource program changes and rolls up the data to HQ USAF; and (2) the HQ USAF user inputs the data for "what-if" queries and/or POM exercises.

RELATED SCREENS:

Integrated Capability (Ref. Section 1.2)
Individual Resource Capability
Fuels Capability (Ref. Section 1.2)
Base Fuels Capability (Ref. Section 1.2)
Munitions Capability (Ref. Section 1.2)
Resupply Schedule
Munitions Status (Ref. Section 1.3)

UNCLASSIFIED RESUPPLY SCHEDULE

SCREEN CURRENCY:
28 MAY 1985, 198Z
SCREEN DATA CURRENCY:
00: 010Z
NEW: 28 MAY 1985, 1824Z

RESUPPLY LABEL	WING DESIGNATION	RESUPPLY DAY	NUMBER AIRCRAFT	NUMBER AIRCREW	GALLONS FUEL	MUNITION TYPE	AMOUNT
FY86 POM	32TFS	0			1000000	AIM-7L AIM-9L	500 500
FY86 POM	36TFW	0			2000000	AIM-7L AIM-9L	1000 1000
FY86 POM	39TG 50TFW	0			2000000 2000000	AIM-7E AIM-120A	500 1000
FY86 POM	86TFW	0			2000000	AIM-9L AIM-120A AIM-9L	1000 1000 1000

PAGE 1 OF 1

28 MAY 85

2392

UNCLASSIFIED

ADD RESUPPLY DATA
 CHANGE RESUPPLY DATA
 DELETE RESUPPLY DATA
 ENTER

SCREEN TITLE: RESUPPLY SCHEDULE (POM Variation)

SCREEN NUMBER: AF.STAT. .T

SCREEN PURPOSE:

Display the out-year resource resupply schedule planned for the units in the POM.

USERS:

PRIMARY: LEYW, LEYS
SUPPORTING: XOXFM, XOXR (MAA)

SCENARIO:

Having made a capability assessment for the POM, the user now wants to selectively increase some of the resources at some of the USAFE units for a "what-if" exercise. A very good way to do that is to give the desired units a "resupply" of resources on Day 0.

CLASSIFICATION:

This display will normally be UNCLASSIFIED but may be classified SECRET for some POM theatre resupply schedules.

ASSUMPTIONS:

Munition quantities are "whole-up" rounds.

DATA SOURCE:

The data is input by the user or transmitted to HQ USAF by a MAJCOM via AFIRMS.

RELATED SCREENS:

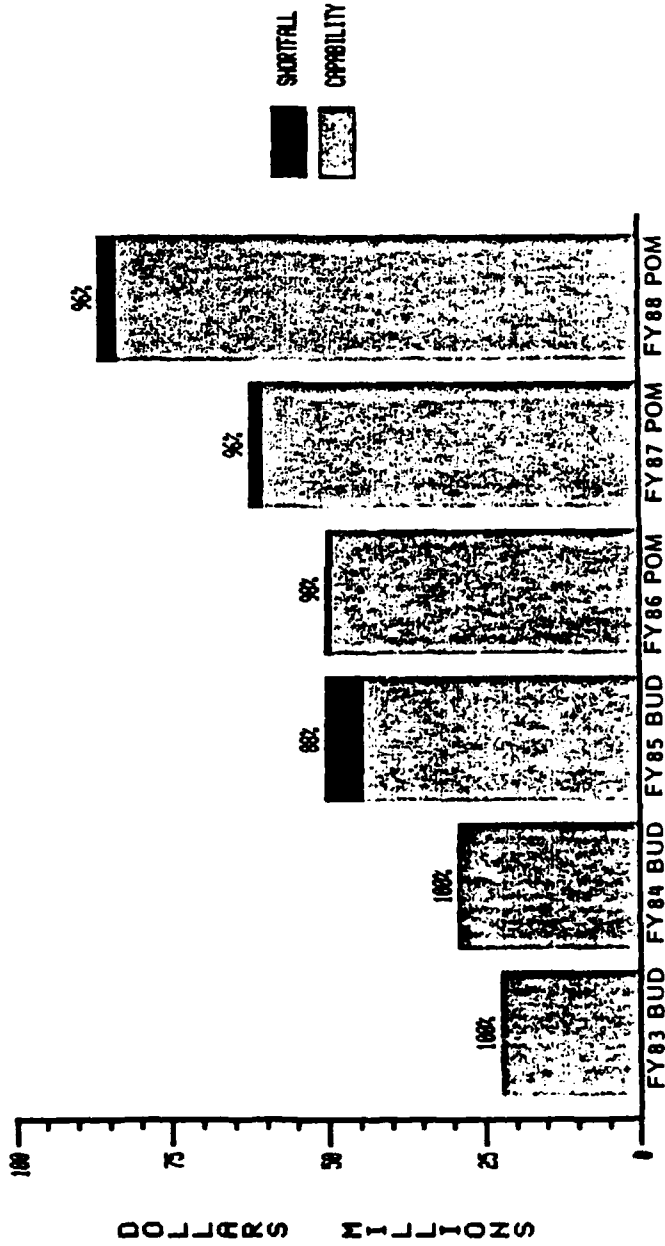
Integrated Capability (Ref. Section 1.2)
Individual Resource Capability
Fuels Capability (Ref. Section 1.2)
Base Fuels Capability (Ref. Section 1.2)
Munitions Capability (Ref. Section 1.2)

RECOMMENDED CHANGES:

- a. Add a column for fuels type. Need to distinguish between the different grades of fuel being resupplied.
- b. Add a column for Unit Resupply Base (should equal the employment base). As currently designed, the quantity resupplied is added to the unit's home base current amount -- which is alright if the unit is employed in-place.

UNCLASSIFIED DOLLARS TO READINESS COMPARISONS (FUELS)

SCREEN CURRENCY:
19 MAY 1985, 2100Z
SCREEN DATA CURRENCY:
E.O.: 15 APR 1985, 1607Z
REV.: 16 MAY 1985, 1500Z



UNCLASSIFIED

20 May 85

0605Z

DISPLAY FROM SELECT

TOP MENU

PREVIOUS MENU

UPDATE SCREEN

SCREEN TITLE: DOLLARS TO READINESS - COMPARISONS

SCREEN NUMBER: AF.DLR. .G

SCREEN PURPOSE:

Display the projected dollar requirements and shortfall of a single resource's tasking and capability for several tasks. The tasks may be WMP tasks for different fiscal years, different OPLANs, or different costing estimates of a single OPLAN.

USERS:

PRIMARY: LEYSF, LEYW

SUPPORTING: PRPR/F, LEXX, LEXY

SCENARIO:

The resource manager or program element monitor (PEM) is reviewing the fuels program dollar shortfall to support the WMP tasking. In another situation, the fuels manager could be reviewing the fuels dollar shortfall for several different OPLANs. Alternately, the manager may be reviewing the effects of different price inflation possibilities on an OPLAN or set of OPLANs.

CLASSIFICATION:

This display will normally be UNCLASSIFIED.

ASSUMPTION: None.

DATA SOURCE:

The tasking and capability data is computed by AFIRMS. The dollar costs of fuels (per gallon) is input by HQ USAF. AFIRMS then computes the dollar costs by multiplying the resource tasking and capability summary data times the appropriate unit price.

RELATED SCREENS:

Individual Resource Capability
Fuels Capability (Ref. Section 1.2)
Munitions Capability (Ref. Section 1.2)
Resource Unit Price
Dollars to Readiness Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES:

- a. Add a parameter for Resource Type so this can also be used to display the dollar status of other resources.
- b. Add a parameter to write a free-form subtitle (see Capability Perspective product) with a default option to use the remarks element of the Dollars to Readiness Associations product.
- c. Combine this product with Dollars to Readiness - Comparisons (All Resource Types) when the Resource Type parameter (mentioned in a. above) is added.

DATA ELEMENTS:

Element Name	DRD.#
Resource Set Identifier	I3D
Resource Type	I3B
Resource Dollars Required	I3CC
Resource Dollars Short	I3DD
Dollars to Readiness Remarks	4D

PARAMETER SELECTION SCREEN:

DOLLARS TO READINESS - COMPARISONS PARAMETER SCREEN							
ENVIRONMENT:		PEACE	EXERCISE	CRISIS	PAGE 1 of 1		
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1. PRICE RUN LABELS FY83 BUD FY84 BUD FY85 BUD FY86 POM FY87 POM</p> </div> <p>2. RESOURCE TYPE FUELS</p> <p>3. SUB-TITLE DESIRED</p> <p style="text-align: center;">FY88 POM</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; width: fit-content; margin-left: auto; margin-right: auto;"> <p>Write in a minimum of 2 values and a maximum of 6.</p> </div>							
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑			

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
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2ND ARRAY OF PARAMETER SCREEN KEYS

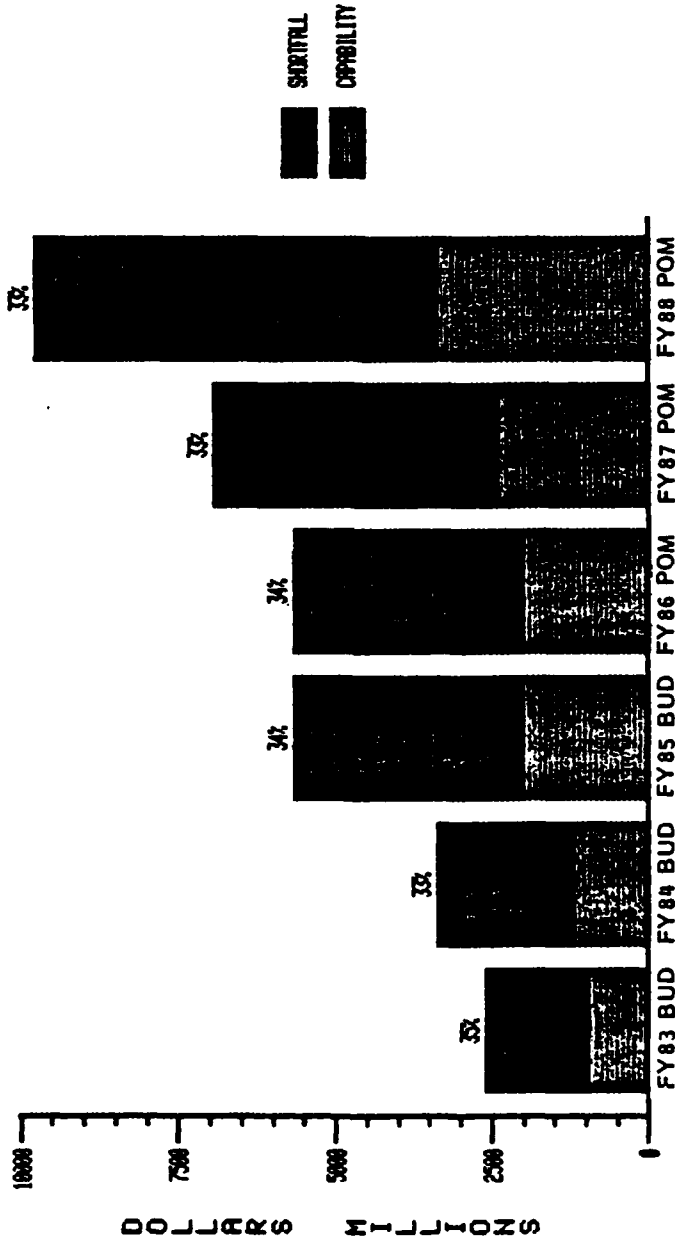
KEY # 9	KEY # 10	KEY # 11	KEY # 12	KEY # 13	KEY # 14	KEY # 15	KEY # 16
---------	----------	----------	----------	----------	----------	----------	----------

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED
 DOLLARS TO READINESS
 COMPARISONS
 (ALL RESOURCE TYPES)

SCREEN CURRENCY:
 19 MAY 1985, 2853Z
 SCREEN DATA CURRENCY:
 15 APR 1985, 1607Z
 REF: 16 MAY 1985, 1500Z



UNCLASSIFIED

29 May 85

0654Z

DISPLAY FROM SELECT

TOP MENU

PREVIOUS MENU

UPDATE SCREEN

SCREEN TITLE: DOLLARS TO READINESS - COMPARISONS

SCREEN NUMBER: AF.DLR. .G

SCREEN PURPOSE:

Display the projected total integrated capability shortfall of all resources in dollars for several tasks. The tasks may be WMP tasks for different POMs, different OPLANs, or different costing estimates of a single OPLAN.

USERS:

PRIMARY: PRPR/F, XOXR (MAA)

SUPPORTING: LEYSF, LEYW, LEXX, LEXY, XOOIM

SCENARIO:

The resource managers or PEMs are reviewing the total resource program dollar shortfall to support the POM (or OPLAN tasks) with past budget capabilities for budget trends and/or POM "bow waves."

CLASSIFICATION:

This display will normally be UNCLASSIFIED.

ASSUMPTION: None.

DATA SOURCE:

The tasking and capability data is computed by AFIRMS. The dollar costs of the resources are input by HQ USAF. AFIRMS then computes the dollar costs using the tasking and capability data.

RELATED SCREENS:

Integrated Capability (Ref. Section 1.2)
Resource Unit Price
Dollars to Readiness Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28

RECOMMENDED CHANGES:

- a. Add a parameter for Resource Type so this can also be used to display the dollar status of individual resources.
- b. Combine this with Dollars to Readiness - Comparisons (Fuels) when the Resource Type parameter is added.
- c. Add a parameter to write a free-form subtitle (see Capability Perspective product) with a default option to use the remarks element of the Dollars to Readiness Associations product.

DATA ELEMENTS:

Element Name

DRD #

Resource Set Identifier
 Resource Type
 Resource Dollars Required
 Resource Dollars Short
 Dollars to Readiness Remarks

13D
 13B
 13CC
 13DD
 4D

PARAMETER SELECTION SCREEN:

DOLLARS TO READINESS - COMPARISONS

DOLLARS TO READINESS - COMPARISONS PARAMETER SCREEN															
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1						
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1. PRICE RUN LABELS FY83 BUD FY84 BUD FY85 BUD FY86 POM FY87 POM</p> </div> <p>2. RESOURCE TYPE FUELS</p> <p>3. SUB-TITLE DESIRED</p> <p style="text-align: right; margin-right: 50px;">FY88 POM</p> <div style="border: 1px solid black; padding: 10px; margin-top: 20px; width: fit-content; margin-left: auto; margin-right: auto;"> <p style="text-align: center;">Write in a minimum of 2 values and a maximum of 6.</p> </div>															
DISPLAY PRODUCT		RETURN TO TOP MENU		RETURN PREVIOUS MENU		HELP		↑							
KEY # 1	2	3	4	5	6	7	8								
1ST ARRAY OF PARAMETER SCREEN KEYS															
PAGE REVERSE		FULL PG		PAGE FORWARD		SELECT PARAM VALUE		DELETE PARAM VALUE		ENTER PARAM VALUE					
KEY # 9	10	11	12	13	14	15	16								
2ND ARRAY OF PARAMETER SCREEN KEYS															

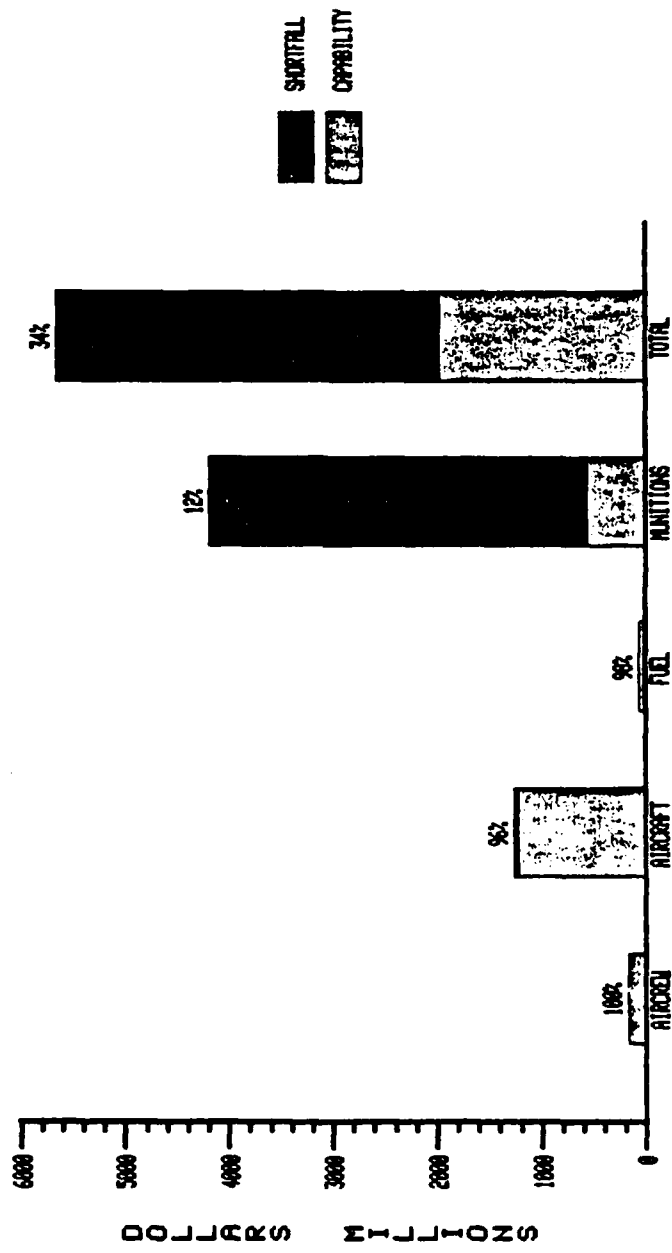
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS Implementation.

UNCLASSIFIED
 DOLLARS TO READINESS
 RESOURCE PERSPECTIVE

SCREEN CURRENCY:
 19 MAY 1985, 204Z
 SCREEN DATA CURRENCY:
 010Z
 FLU:
 REV: 15 APR 1985, 1607Z

TASKING:
 FY85 POM



SUSTAINAL
 CAPABILITY

UNCLASSIFIED

20 May 85

0042Z

- DISPLAY
- PARM
- SELECT
- TOP MENU
- PREVIOUS MENU
- UPDATE CURR SCREEN

SCREEN TITLE: DOLLARS TO READINESS - RESOURCE PERSPECTIVE

SCREEN NUMBER: AF.DLR. .G.

SCREEN PURPOSE:

Display the projected capability shortfall of several resources in dollars for a single task (the task may be a WMP task for a fiscal year or an OPLAN task).

USERS:

PRIMARY: LEYSF, LEYW

SUPPORTING: PRPR/F, LEXX, LEYX

SCENARIO:

The resource managers or PEMs are reviewing the resource programs dollar shortfall, individually and collectively, to support the POM (or OPLAN) planning exercises. Depending on the size of the shortfalls, decisions may be made on how much additional funding for each resource will best improve readiness with the funds available.

CLASSIFICATION:

This product will normally be UNCLASSIFIED.

ASSUMPTION: None.

DATA SOURCE:

The tasking and capability data is computed by AFIRMS. The dollar costs of the resources are input by HQ USAF. AFIRMS then computes the dollar costs by multiplying the resource tasking and capability summary data times the appropriate unit price.

RELATED SCREENS:

Integrated Capability (Ref. Section 1.2)
Individual Resource Capability
Resource Unit Price
Dollars to Readiness Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28

RECOMMENDED CHANGES:

- a. Add a parameter to write a free-form subtitle (see Capability Perspective product) with a default option to use the remarks element of the Dollars to Readiness Associations product.
- b. Add a tasking box in upper right corner of display. A task capability (WMP or OPLAN) is represented by the dollar requirements and shortfalls. The tasking displayed is that which is costed for this display.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Resource Set Identifier	13D
Resource Type	13B
Resource Dollars Required	13CC
Resource Dollars Short	13DD
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K

PARAMETER SELECTION SCREEN:

DOLLARS TO READINESS - RESOURCE PERSPECTIVE PARAMETER SCREEN			
ENVIRONMENT: PEACE	EXERCISE	CRISIS	PAGE 1 of n
<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 10px;"> <p>1. PRICE RUN LABELS FY86 POM</p> <p>2. SUBTITLE DESIRED</p> <div style="border: 1px solid black; width: 100%; height: 100%; margin-top: 10px; text-align: center; vertical-align: middle;"> <p>Write in a value.</p> </div> </div>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	↑	→	↵

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	→	↵	↵	↵	↵	↵	↵
PAGE REVERSE		FULL PG	PAGE FORWARD	SELECT PARAM VALUE		DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15	16

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16
←	→	↵	↵	↵	↵	↵	↵
PAGE REVERSE		FULL PG	PAGE FORWARD	SELECT PARAM VALUE		DELETE PARAM VALUE	ENTER PARAM VALUE

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED
RESOURCE UNIT PRICE

ACFT ACRW FUEL MUN

SCREEN CURRENCY:
 22 MAY 1985, 1942
 SCREEN DATA CURRENCY:
 010Z
 OLD:
 YER: 22 MAY 1985, 1942

PRICE LABEL	RESOURCE TYPE	RESOURCE IDENT.	UNIT PRICE	REMARKS
FY86 POM	ACFT	A-10	51000	AFR 173-13 SOURCE BUT AS NOTED
		A-7	64000	
		EF-111	275000	
		F-111	140000	
		F-15	147000	
		F-16	128000	
		F-4	160000	
		F-5	51000	
		RF-4	150000	
	ACRW	A-10	52000	AIRCRED \$ = ANNUAL MUNITIONS IN
		A-7	45000	
		EF-111	16000	
		F-111	14000	
		F-15	25000	
		F-16	12000	
		F-4	30000	
		F-5	13000	
		RF-4	13000	
	FUEL	JP-4	.93	
	MUN	20MM HEY	5.57	
		30MM HEY	16.4	
		AGM-45	9000	\$ = GUESS

1942

UNCLASSIFIED

22 May 85

PAGE 1 OF 3

PAGE REV HALF PG PAGE FWD CHANGE PRICE DATA ADD PRICE LINE DELETE PRICE LINE ENTER

SCREEN TITLE: RESOURCE UNIT PRICE

SCREEN NUMBER: AF.DLR. .T

SCREEN PURPOSE:

Display the unit prices used in the Price Run Label for the Dollars To Readiness Model. The product is also an input screen for unit price data.

USERS:

PRIMARY: LEYSF, LEYW

SUPPORTING: PRPR/F

SCENARIO:

The user is reviewing or entering the unit prices for the resources in this database set to accommodate his particular budgetary review needs. The user may change the prices or create a new set of prices for the resources.

CLASSIFICATION:

This display is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The HQ USAF user can obtain the data from published Air Force documents or from the Air Force Comptroller. Once entered, the data can be used over and over.

RELATED SCREENS:

Dollars To Readiness - Comparisons (Fuels)
Dollars To Readiness - Comparisons (All Resource Types)
Dollars To Readiness - Resource Perspective
Dollars to Readiness Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Resource Type	5A
Resource Name	13B
Resource Set Identifier	13D
Resource Remarks	13U
Resource Unit Price	13BB

PARAMETER SELECTION SCREEN:

RESOURCE UNIT PRICE PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE CRISIS			PAGE 1 of 1			
<p>1. RESOURCE UNIT PRICE LABEL FY86 POM</p> <p><input checked="" type="checkbox"/> 2. RESOURCE TYPE ALL TYPES</p> <p>3. RESOURCE NAME ALL RESOURCES</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>Choose a minimum of 1 value and a maximum of 3.</p> <p>ALL TYPES AIRCRAFT AIRCREW FUEL MUNITION</p> </div>									
DISPLAY PRODUCT		RETURN TO TOP MENU		RETURN PREVIOUS MENU		HELP		→	
KEY # 1	2	3	4	5	6	7	8		
1ST ARRAY OF PARAMETER SCREEN KEYS									
PAGE REVERSE ←		FULL PG HALF PG		PAGE FORWARD		SELECT PARAM VALUE		DELETE PARAM VALUE	
KEY # 9	10	11	12	13	14	15	16		
2ND ARRAY OF PARAMETER SCREEN KEYS									

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 30 MAY 1985,1101Z
 OLD: DTG Z
 NEW: 22 MAY 1985,1345Z

UNCLASSIFIED
 RESOURCE UNIT PRICE
 ACFT ACRW FUEL MIN

PRICE LABEL	RESOURCE TYPE	RESOURCE IDENT.	UNIT PRICE	REMARKS
FY86 POM	ACFT	A-10	51000	AFR 173-13 SOURCE BUT AS NOTED
		A-7	64000	
		EF-111	276000	
		F-111	140000	
		F-15	147000	
		F-16	128000	
		F-4	160000	
		F-5	51000	
		RF-4	150000	
	ACRW	A-10	52000	AIRCEN \$ - ANNUAL MUNITIONS TNG COST/ACRW
		A-7	46000	
		EF-111	16000	

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

UNCLASSIFIED DOLLARS TO READINESS ASSOCIATIONS

RMS OF THE DOLLARS TO READINESS MODEL

SCREEN CURRENCY: 21 MAY 1985, 1420Z
 SCREEN DATA CURRENCY: 010Z
 ID: 16 MAY 1985, 1344Z

PRICE RUN LABEL	OPLAN OPCODE RUN LABEL	RESOURCE UNIT PRICE LABEL	REMARKS
DOLLARS TEST	TEST	TESTACTUAL	THIS IS A TEST ASSOC RECORD
DOLLARS TEST2	TESTACTUAL	TESTACTUAL	ANOTHER TEST
DOLLARS10	TEST10	TESTACTUAL	10 DAYS OF TESTACTUAL DOLLARS
DOLLARS15	TEST15	TESTACTUAL	15 DAYS OF TESTACTUAL DOLLARS
DOLLARS30	TEST30	TESTACTUAL	30 DAYS OF TESTACTUAL DOLLARS
DOLLARS30-M	TEST30-M	TESTACTUAL	30 DAYS UNCONSTRAINED BY MUNITIONS
DOLLARS35	TEST35	TESTACTUAL	35 DAYS OF TESTACTUAL DOLLARS
DOLLARS40	TEST40	TESTACTUAL	40 DAYS OF TESTACTUAL DOLLARS
DOLLARS60	TEST60	TESTACTUAL	60 DAYS OF TESTACTUAL DOLLARS
TESTDRLS	TESTDAYS	TESTACTUAL	SEVEN DAY TEST

PRICE 1 OF 1

21 MAY 85

UNCLASSIFIED

1819Z

SCREEN TITLE: DOLLARS TO READINESS ASSOCIATIONS

SCREEN NUMBER: AF.DLR. .T

DATA SOURCE: The user.

SCREEN PURPOSE:

Display the on-line runs already made with the Dollars to Readiness Model and provide the means for the user to associate different sets of Sortie Generation Model tasking and capability data with different sets of resource unit pricing data for input to the Dollars to Readiness Model. This also facilitates "what-if-ing" dollars to readiness issues, e.g., this year's task with last year's prices.

RELATED SCREENS:
Dollars to Readiness - Comparisons (Fuels)
Dollars to Readiness - Comparisons (All Resource Types)
Dollars to Readiness - Resource Perspective
Dollars to Readiness Model
Resource Unit Price
OPLAN/OPORD Associations (Ref. Section 1.1)

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

USERS:

PRIMARY: LEYSF, LEYW

Paging and Scrolling
Full screen editor

SUPPORTING: PRPR/F, LEXX, LEXY

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

SCENARIO:

The user wants to either (1) see what Price Run Labels to use as parameter choices for the Dollars to Readiness products, (2) see what OPLAN/POM tasking and/or resource unit price data sets were used for a particular run of the Dollars to Readiness Model, or (3) set up a run for the Dollars to Readiness Model. The model uses the Dollars to Readiness Associations Price Run Label to execute a model run.

Keys no. 1, 3-7, 9-16, 19-24, and 26.

CLASSIFICATION:

This product is UNCLASSIFIED.

RECOMMENDED CHANGES:

Add a column for the number of days of OPLAN/OPORD data wanted for use in the Dollars To Readiness Model and products. If a SGM run has computed 60 days of a task, the users of Dollars To Readiness products will not always want the full 60 days.

ASSUMPTION: None.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Dollars to Readiness Identifier	4A
Order Identifier	4B
Resource Price Identifier	4C
Dollars to Readiness Remarks	4D

PARAMETER SELECTION SCREEN:

DOLLARS TO READINESS ASSOCIATIONS PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1
<p>1. PRICE RUN LABEL ALL LABELS</p> <p>2. OPLAN/OPORD LABEL ALL LABELS</p> <p><input checked="" type="checkbox"/> 3. RESOURCE UNIT PRICE LABEL</p>									
TESTACTUAL									
DISPLAY PRODUCT		RETURN TO TOP MENU		RETURN PREVIOUS MENU		HELP		↑	
KEY # 1	2	3	4	5	6	7	8		
1ST ARRAY OF PARAMETER SCREEN KEYS									
PAGE REVERSE		FULL PG		PAGE FORWARD		SELECT PARAM VALUE		DELETE PARAM VALUE	
←		HALF PG		ENTER PARAM VALUE		ENTER PARAM VALUE			
KEY # 9	10	11	12	13	14	15	16		
2ND ARRAY OF PARAMETER SCREEN KEYS									

Write in a value.

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 30 MAY 1985,1105Z
 OLD: DTG Z
 NEW: 16 MAY 1985,1344Z

UNCLASSIFIED
 DOLLARS TO READINESS ASSOCIATIONS
RUNS OF THE DOLLARS TO READINESS MODEL

PRICE RUN LABEL	OPPLAN OPORD RUN LABEL	RESOURCE UNIT PRICE LABEL	REMARKS
DOLLARS TEST	TEST	TESTACTUAL	THIS IS A TEST ASSOC RECORD
DOLLARS TEST2	TESTACTUAL	TESTACTUAL	ANOTHER TEST
DOLLARS10	TEST10	TESTACTUAL	10 DAYS OF TESTACTUAL DOLLARS
DOLLARS15	TEST15	TESTACTUAL	15 DAYS OF TESTACTUAL DOLLARS
DOLLARS30	TEST30	TESTACTUAL	30 DAYS OF TESTACTUAL DOLLARS
DOLLARS30-H	TEST30-H	TESTACTUAL	30 DAYS UNCONSTRAINED BY MUNITIONS
DOLLARS35	TEST35	TESTACTUAL	35 DAYS OF TESTACTUAL DOLLARS
DOLLARS40	TEST40	TESTACTUAL	40 DAYS OF TESTACTUAL DOLLARS
DOLLARS60	TEST60	TESTACTUAL	60 DAYS OF TESTACTUAL DOLLARS
TESTDAYS	TESTDAYS	TESTACTUAL	SEVEN DAY TEST

PAGE 1 OF 1

30 May 85

UNCLASSIFIED

1105Z

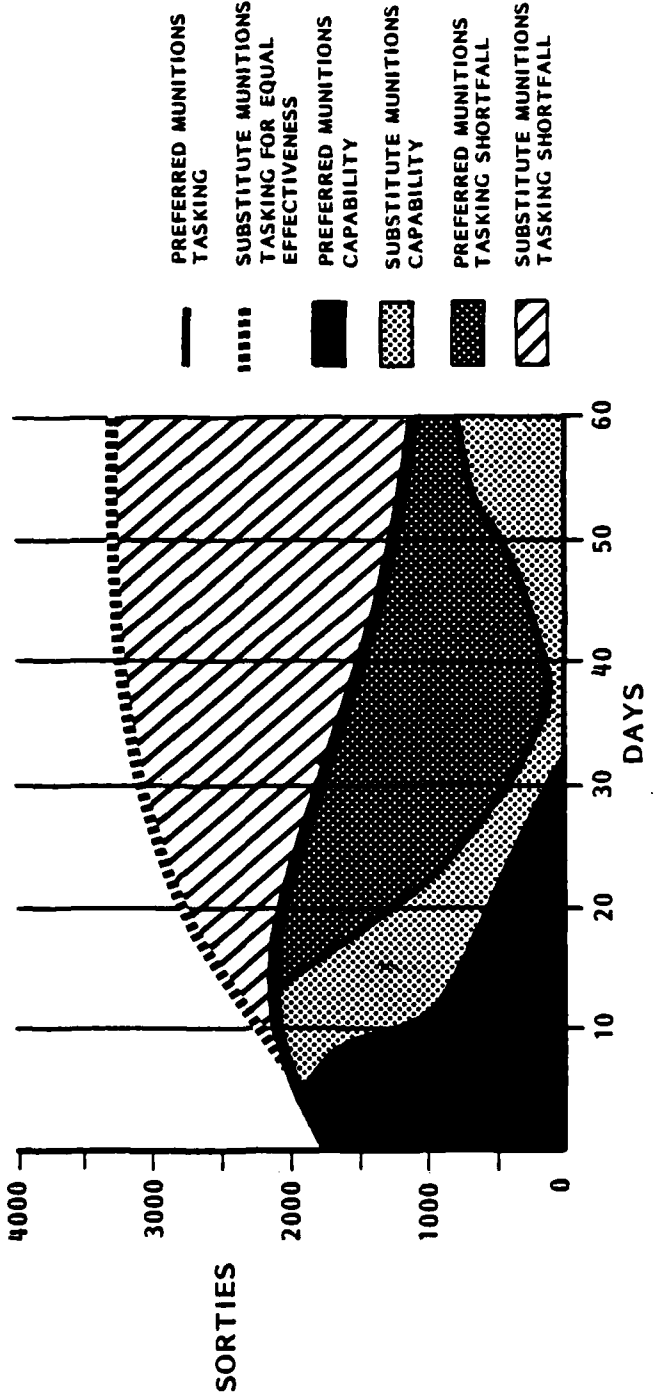
SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			

CLASSIFICATION
MUNITIONS SUBSTITUTION
SORTIE REQUIREMENT
USAFE FY 86

SCREEN CURRENCY:
 DTG
 SCREEN DATA CURRENCY:
 DTG
 DTG

TASKING:
 FY 86 WMP



SCREEN ID NO.:

0700Z

CLASSIFICATION

15 AUG 83

SCREEN TITLE: MUNITIONS SUBSTITUTION SORTIE REQUIREMENT

SCREEN NUMBER: AF.POM. .G

SCREEN PURPOSE:

Display the sortie requirement to maintain the probability of target kill with substitute munitions.

USERS:

PRIMARY: XOXFM, XOXR (MAA)

SUPPORTING: LEYW, LEXX, PRPF

SCENARIO:

The Air Force FY86-90 POM is being reviewed by OSD. During the review, some substitute alternatives to the Air Force munitions program were proposed. The munitions PEM is determining the sortie impact if the desired target kill effectiveness of the preferred munition is maintained.

CLASSIFICATION:

This product is normally classified SECRET. However, "what-if" exercises will probably be UNCLASSIFIED. Therefore, the user building the tasking must set the classification.

ASSUMPTIONS:

- a. In-theatre munitions have been allocated to the units.
- b. Availability of munitions is not limited by the ability to build up munitions.
- c. WMP tasking, target information, and munition data have been entered.
- d. Reference assumptions in Munitions Capability (Section 1.2).
- e. XOXFM has loaded data on equivalent sortie effectiveness for the substitute munition Standard Conventional Loads (SCL).

DATA SOURCES:

The tasking is computed as described in the Translate Tasking section. The munitions capability is computed by the AFIRMS Sortie Generation Model. The munitions inventory for the appropriate out-year is allocated by the MAJCOM. XOXFM, or USAFE (in this instance) has established SCL equivalency data for the substitute SCLs.

RELATED SCREENS:

Munitions Capability (Ref. Section 1.2)
Munitions Substitution Sortie Capability
War Mobilization Plan
Mission Profile Definition (Ref. Section 1.1)

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Two tasking lines plotted. Otherwise, standard line graph display.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

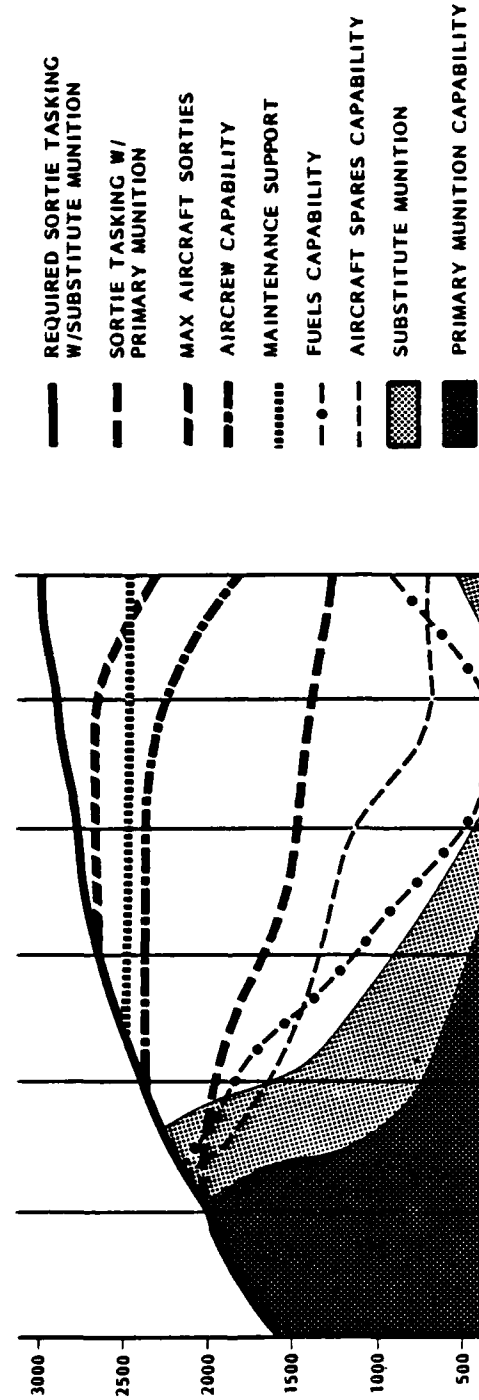
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

CLASSIFICATION
MUNITIONS SUBSTITUTION
SORTIE CAPABILITY
USAFE: FY 86

SCREEN CURRENCY:
 DTC
 SCREEN DATA CURRENCY:
 DTC
 DTC

TASKING:
 FY86 WMAP



SCREEN ID NO.:

01002

CLASSIFICATION

20 MAY 83

SCREEN TITLE: MUNITIONS SUBSTITUTION SORTIE CAPABILITY

SCREEN NUMBER: AF.POM. .G

SCREEN PURPOSE:

Display the capability of the individual resources to support the sorties required to maintain the target kill effectiveness of the preferred munition(s).

USERS:

PRIMARY: XOXFM, XOXR (MAA)
SUPPORTING: PRPF, LEYW, LEXX

SCENARIO:

The Air Force FY86-90 POM is being reviewed by OSD. Some substitute munitions are proposed as alternatives to the Air Force munitions program. In order to determine the complete cost of the substitute munition(s) proposed, the Air Staff is determining the capability of other Air Force resources to support the substitution sortie requirement. (The same process could also be done to defend the program before Congress.)

CLASSIFICATION:

The expected classification is SECRET. However, "what-if" exercises will be UNCLASSIFIED. Therefore, the user building the tasking must set the classification.

ASSUMPTIONS:

- a. The munitions substitution sortie requirement has been determined. (Ref. Munitions Substitution Sortie Requirement)
- b. All assumptions applying to the individual resource capabilities also apply.
- c. The maximum aircraft sortie generation is a function of time (e.g., 24 hours divided by (sortie duration plus aircraft turnaround time) gives the maximum number of sorties an aircraft can fly in one day).

DATA SOURCES:

The tasking is the output of the Munitions Substitution Sortie Requirement product. The resource capabilities are computed by the AFIRMS Sortie Generation Model. The munitions inventory for the appropriate out-year was allocated by the MAJCOM.

RELATED SCREENS:

Munition Substitution Sortie Requirement

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

This product does not color the shortfall.
There are two tasking lines plotted on this product.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

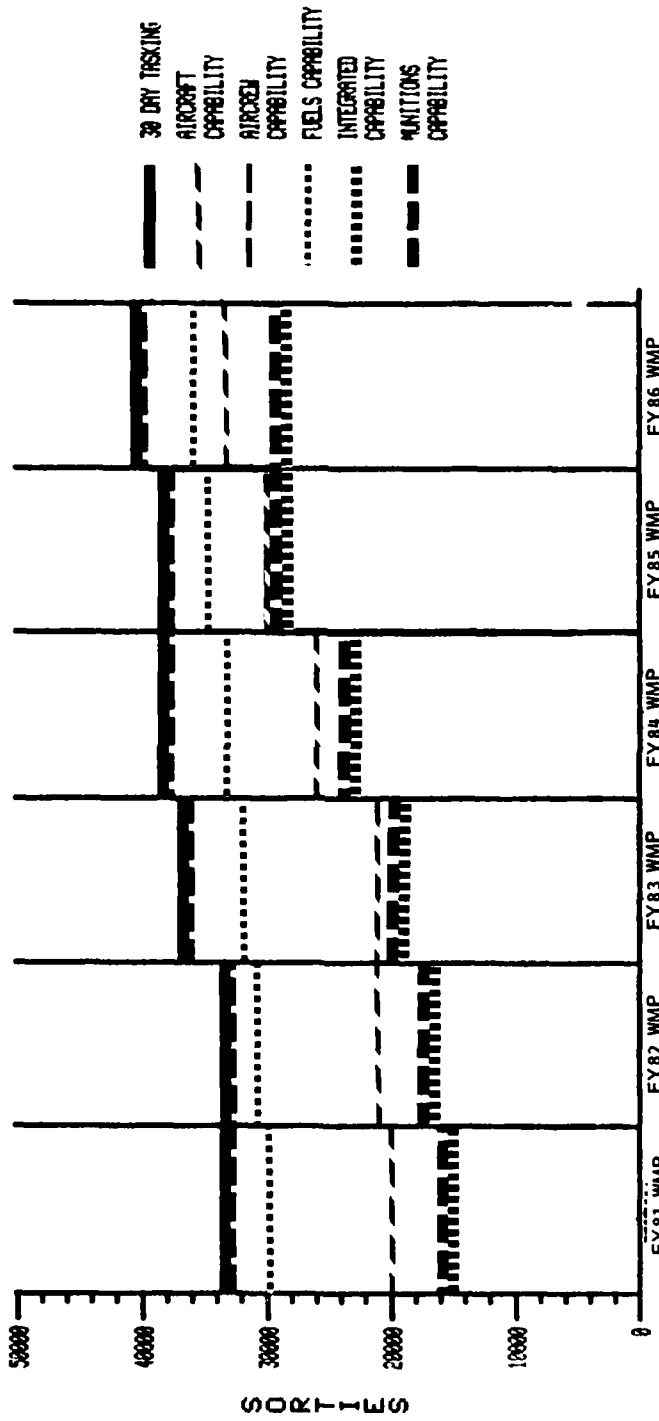
The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED
CAPABILITY PERSPECTIVE
 USAF WMP FIGHTER/RECCE

SCREEN CURRENCY:
 11 JUN 1985 0902Z
 SCREEN DATA CURRENCY:
 OLD: 05 MAR 1985 1311Z
 NEW: 22 MAY 1985 1547Z



UNCLASSIFIED

11 Jun 85 1301Z

DISPLAY FROM SELECT UPDATE SCREEN

TOP MENU PREVIOUS MENU

SCREEN TITLE: CAPABILITY PERSPECTIVE

SCREEN NUMBER: AF.CAP. .G

SCREEN PURPOSES:

Display past, current, and/or projected capabilities of Air Force individual resources.

USERS:

PRIMARY: XOOIM

SUPPORTING: XOXR (MAA), XOOIR, LERX, LEXX,
LEYS, LEYW, PRP

SCENARIO:

A look back at historical readiness/capability is needed to obtain a better perspective on our current and very near future capability to do the task. The genesis for the required look back could also be from outside the Air Force or DoD, e.g., Congress, GAO.

CLASSIFICATION: The expected classification is SECRET.

ASSUMPTIONS:

- a. The total Air Force capability is an aggregation of unit and MAJCOM capability.
- b. Assumptions that apply to the individual resource capability assessments also apply here.
- c. A year-end capability is run for each year and the computed data stored for retrieval.

DATA SOURCES:

The unit capabilities are computed for AFIRMS and aggregated upward to HQ USAF for the current year. Historical unit capabilities are expected to be stored at the wing or MAJCOM and transmitted to HQ USAF when needed. Out-year Unit capabilities are expected to be computed at the MAJCOM and transmitted to HQ USAF via AFIRMS.

RELATED SCREENS:

Integrated Capability (Ref. Section 1.2)
Individual Resource Capability (Ref. Section 1.2)
Fuels Capability (Ref. Section 1.2)
Munitions Capability (Ref. Section 1.2)

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Variation of stacked bar display
Dynamic legend
Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES:

Add a parameter to allow selection of the resources desired. It is not necessary to display all resources when only one resource is desired.

DATA ELEMENTS:

Element Name	DRD #
Unit Name	IC
Unit Short Name	IF
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Unit Daily Sortie Task	56G
Unit Daily Integrated Sortie Capability	56H
Resource Type Supporting Unit Task	73C
Unit Daily Resource Sortie Capability	73D

PARAMETER SELECTION SCREEN:

CAPABILITY PERSPECTIVE PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<p>1. OPLAN/OPORD LABELS</p> <p>FY81 WMP FY82 WMP FY83 WMP FY84 WMP FY85 WMP FY86 WMP</p> <p><input type="checkbox"/> 2. SCREEN SUBTITLE</p> <p>3. RESOURCE TYPES ALL RESOURCES</p> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto; text-align: center; vertical-align: middle;"> Write in a value. </div> <p>USAFE FIGHTER/RECCE</p>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	↑	→	↵

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	↵	→	↶	↷	↸	↹	↺
PAGE REVERSE	FULL PG	PAGE FORWARD		SELECT PARAM VALUE		DELETE PARAM VALUE	ENTER PARAM VALUE
	HALF PG						
KEY # 9	10	11	12	13	14	15	16

2ND ARRAY OF PARAMETER SCREEN KEYS

34421

5/140

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

**UNCLASSIFIED
PROCESS STATUS
RECORDED BACKGROUND JOBS**

SCREEN CURRENCY:
24 MAY 1985, 1528Z
SCREEN DATA CURRENCY:
DLD: 016Z
REV: 23 MAY 1985, 1528Z

USER	SITE	TRANS ID	PRG	FUNCTION	ASSOCIATION LABEL	DATE-TIME START	DATE-TIME FINISH	STATUS RUN	COMPLETION	ERROR MESSAGE
BR7WAT	SUP111B7	163	1	SORTIE GEN MODEL	OPPAR 4000	29-APR-1985, 1731Z	29-APR-1985, 1943Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H4	342	1		OPPAR 4000	03-MAY-1985, 0712Z	03-MAY-1985, 0942Z	ERROR	-11	- 0200C err-cur 42
	11B7	421	1		OPPAR 4002	04-MAY-1985, 1839Z	04-MAY-1985, 1839Z	ERROR	-42	- 0200C err-cur 42
	11B7	404	1		OPPAR 4000	07-MAY-1985, 1822Z	07-MAY-1985, 1822Z	ERROR	4	DOUBLE Fetch Error on Query 45
CHEKUP	SUP111H4	306	1	SORTIE GEN MODEL	TESTS	26-APR-1985, 1842Z	26-APR-1985, 1449Z	ABORTED	888	VIOS/SYSTEM DASHED
DEVELC	SUP111H2	5813	1	8-10-RUN/NESS	DOLLARS TEST	07-APR-1985, 2012Z	07-APR-1985, 2077Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H2	6312	1		DOLLARS 1531P	07-APR-1985, 2042Z	07-APR-1985, 2062Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H5	6365	1		DOLLARS 15	16-MAY-1985, 1747Z	16-MAY-1985, 1832Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H5	6314	1		DOLLARS 15	16-MAY-1985, 1412Z	16-MAY-1985, 1632Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H5	6308	1		DOLLARS 30	15-APR-1985, 1532Z	15-APR-1985, 1677Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H4	522	1		DOLLARS 30	19-MAY-1985, 2012Z	19-MAY-1985, 2012Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H5	6319	1		DOLLARS 40	16-MAY-1985, 1532Z	16-MAY-1985, 1542Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H5	6311	1		DOLLARS 60	16-MAY-1985, 1532Z	16-MAY-1985, 1617Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H5	6156	1		STATUS	20-APR-1985, 1822Z	20-APR-1985, 1822Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H5	6810	1	SORTIE GEN MODEL	OPPAR 4002	06-MAY-1985, 1802Z	06-MAY-1985, 1832Z	ERROR	4	DEFICH Error on Query 41
	11H4	400	1		OPPAR 4000	08-MAY-1985, 1532Z	08-MAY-1985, 1532Z	ERROR	4	DEFICH Error on Query 41
	11H5	5608	1		TEST	07-APR-1985, 1852Z	07-APR-1985, 1852Z	ABORTED	888	VIOS/SYSTEM DASHED
	11H2	6737	1		TEST 10	22-MAY-1985, 1512Z	22-MAY-1985, 1477Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H3	430	1		TEST 15	21-MAY-1985, 1522Z	21-MAY-1985, 1542Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H5	6382	1		TEST 20	16-MAY-1985, 1342Z	16-MAY-1985, 1342Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H2	6278	1		TEST 30	04-APR-1985, 1852Z	04-APR-1985, 1128Z	COMPLETED	0	REQUESTED SERVICE COMPLETE
	11H7	63	1		TEST 30-H	22-APR-1985, 1802Z	22-APR-1985, 1522Z	COMPLETED	0	REQUESTED SERVICE COMPLETE

1657

UNCLASSIFIED

24 May 85

PAGE 1 OF 2

PRG	REV	PRG	REV
PRG	REV	PRG	REV
PRG	REV	PRG	REV
PRG	REV	PRG	REV

SCREEN TITLE: PROCESS STATUS

SCREEN NUMBER: AF.SPT. .T

SCREEN PURPOSE:

Display the job status of the AFIRMS functions requested, i.e., the Sortie Generation Model, Dollars To Readiness Model, Post Base Status Rollup, Post Unit Status Rollup, and Post Resource Rollup.

USERS:

PRIMARY: CSS

SUPPORTING: LRC, XOOIM, XOOOE

SCENARIO:

The user has executed one of the models or has executed a function to update the database with MAJCOM rollup data. After initiating the batch job, the user is periodically monitoring the completion of the job.

CLASSIFICATION:

This display is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The AFIRMS system provides the data.

RELATED SCREENS:

OPLAN/OPORD Associations
Dollars to Readiness Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-11, and 15.

RECOMMENDED CHANGES:

- a. A function needed with this screen is the ability to cancel/kill a job request.
- b. Delete the Operating Site parameter.

DATA ELEMENTS:

Element Name

DRD #

- User Name
- Operating Site Name
- Terminal ID
- Transaction ID
- Function Name
- Association Label
- Job Start DTG
- Job Finish DTG
- Job Run Status
- Job Status Completion Code
- Error Message

PARAMETER SELECTION SCREEN:

PROCESS STATUS PARAMETER SCREEN							
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1			
<p>1. FUNCTION ALL FUNCTIONS</p> <p>2. ASSOCIATION LABEL ALL LABELS</p> <p><input checked="" type="checkbox"/> 3. OPERATING SITE ALL</p> <p>4. USER NAME ALL USERS</p>							
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> Choose a minimum of 1 value and a maximum of 1. ALL SPAN RAMS PENT </div>							
DISPLAY PRODUCT				RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
---	--------------	---------	--------------	--------------------	--------------------	-------------------

KEY # 9 10 11 12 13 14 15 16

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 20 MAY 1985,1107Z
 OLN: DTG Z
 MOD: 20 MAY 1985,1301Z

UNCLASSIFIED
 PROCESS STATUS
 RECORDED BACKGROUND JOBS

USER	DATE-TIME	START	END	ASSOCIATION LABEL	FUNCTION	STATUS	MESSAGE
BRVWHT	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	UPPLAN 4000	UPPLAN 4000	COMPLETE	01REQUESTED SERVICE COMPLETE
COENWF	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	TESTS3	TESTS3	ABORTED	-311 - EXEC 011-CW 02
DEVCLC	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS TEST	DOLLARS TEST	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS TEST2	DOLLARS TEST2	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS10	DOLLARS10	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS20	DOLLARS20	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS30	DOLLARS30	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS40	DOLLARS40	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS50	DOLLARS50	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	TESTDLS	TESTDLS	COMPLETE	01REQUESTED SERVICE COMPLETE

PAGE 1 OF 4

20 May 85

UNCLASSIFIED

1107Z

REPORT 1 OF 2

[DISPLAY]	[LINE]	[TOP]	[PREVIOUS]	[UPDATE]
[PAGE]	[HIGHLIGHT]	[MENU]	[MENU]	[SCREEN]
[SELECT]	[TOGGLE]	[]	[]	[]

SCREEN: 20 MAY 1985,1107Z
 OLN: DTG Z
 MOD: 20 MAY 1985,1301Z

UNCLASSIFIED
 PROCESS STATUS
 RECORDED BACKGROUND JOBS

USER	DATE-TIME	START	END	ASSOCIATION LABEL	FUNCTION	STATUS	MESSAGE
BRVWHT	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	UPPLAN 4000	UPPLAN 4000	COMPLETE	01REQUESTED SERVICE COMPLETE
COENWF	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	TESTS3	TESTS3	ABORTED	-311 - EXEC 011-CW 02
DEVCLC	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS TEST	DOLLARS TEST	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS TEST2	DOLLARS TEST2	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS10	DOLLARS10	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS20	DOLLARS20	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS30	DOLLARS30	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS40	DOLLARS40	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	DOLLARS50	DOLLARS50	COMPLETE	01REQUESTED SERVICE COMPLETE
	18-MAY-1985,1301Z	18-MAY-1985,1301Z	18-MAY-1985,1301Z	TESTDLS	TESTDLS	COMPLETE	01REQUESTED SERVICE COMPLETE

PAGE 1 OF 4

20 May 85

UNCLASSIFIED

1107Z

REPORT 2 OF 2

[DISPLAY]	[LINE]	[TOP]	[PREVIOUS]	[UPDATE]
[PAGE]	[HIGHLIGHT]	[MENU]	[MENU]	[SCREEN]
[SELECT]	[TOGGLE]	[]	[]	[]

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5/146

34421

3. Alphabetical Index

	<u>SCREEN NUMBER</u>	<u>PAGE NUMBER</u>
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PAGE NUMBER

SCREEN NUMBER

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1.4 Execute/Monitor Operations Products

The screens presented in this section support the wing user in monitoring the execution of the unit's operations.

SCREEN TITLE

Flying Schedule (input version)
Single Aircraft Summary
Base Status
Airfield Status
Base Status Map
Fuel Status Map

UNCLASSIFIED FLYING SCHEDULE

E 231FS E VERSION 1.1 E 02 JUL 84

SCREEN CURRENT:
2 OCT 1984, 1131Z
SCREEN DATA CURRENT:
0107Z
FILE
REV: 10 JAN 1984, 1102Z

MISSION		DATE		TIME		MISSION		SCHEDULED		CONFIG		CALL SIGN		AID		TIME		OPERATIONS/CORRIDOR		POST SEGMENT		ORGANIZATION		FLIGHT AIRCRAFT		MISSION	
SOR	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
062	766	LL	LL	0700	0830	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
063	766	LL	LL	0700	0830	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
064	1644	LL	LL	0700	0830	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
065	1625	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
066	1622	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
067	1621	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
068	1628	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
069	1644	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
070	1659	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
071	1652	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
072	766	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
073	766	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
074	1644	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
075	1625	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
076	1622	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001
077	1621	LL	LL	0800	0930	1.5	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001	0001

UNCLASSIFIED

E 231FS

1588Z

FACE	REV	FULL	HALF	FACE	FWD	CHANGE	SCHEDULE	DATA	FACE	FWD	CHANGE	SCHEDULE	DATA	FACE	SCHEDULE	DATA	FACE	SCHEDULE	DATA	FACE	SCHEDULE	DATA	FACE	SCHEDULE	DATA	FACE	SCHEDULE	DATA
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

SCREEN TITLE: FLYING SCHEDULE (Input Version)

SCREEN NUMBER: WG.CAP. .T1

SCREEN PURPOSE:

This screen is repeated here as an input screen to record the sortie's actual accomplishment data, e.g., take-off time, crew member changes, remarks, sortie effectiveness, etc.

CLASSIFICATION SINGLE AIRCRAFT SUMMARY 52 TFW

SCREEN CURRENCY.
DTG
SCREEN DATA CURRENCY.
DTG
DTG
DTG

STATUS AS OF:
20 MAY 83, 0600Z

CURRENT SORTIE

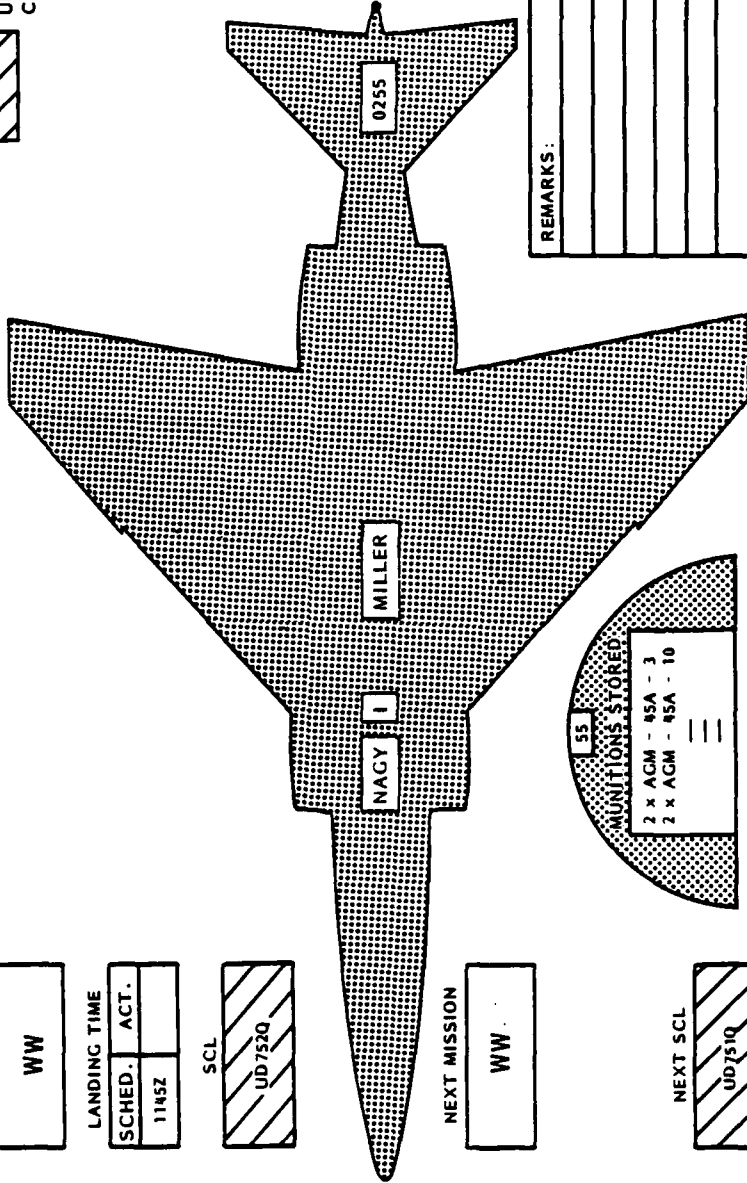
LINE NO. 17	MISSION WW
TAKE-OFF TIME SCHED. ACT. 1015Z 1016Z	LANDING TIME SCHED. ACT. 1145Z
CONFIGURATION TANKS WEAPONS 3 SS	SCL UD757Q

CONFIG-
URATION
CHANGE



NEXT SORTIE

NEXT LINE NO. 33	NEXT MISSION WW
NEXT TAKE-OFF TIME SCHED. ACT. 1500Z	NEXT SCL UD751Q
NEXT CONFIGURATION TANKS WEAPONS 2 SS	



REMARKS:

20 MAY 83
CLASSIFICATION
1150Z
SCREEN ID NO.:

SCREEN TITLE: SINGLE AIRCRAFT SUMMARY

SCREEN NUMBER: WG.STAT. .G

SCREEN PURPOSE:

Provide the user with a screen which summarizes all pertinent information about an aircraft's status and schedule.

USER:

PRIMARY: Maintenance Operations Center

SUPPORTING:

Senior Battle Staff
Mission Director
Tactical Fighter Squadron
Munitions Control Center
Aircraft Maintenance Units
Fuels Control
Supply

SCENARIO:

The flying schedule execution is being monitored and some condition has prompted the user to check on the status of a particular aircraft.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS:

Aircraft generation information has been entered into and is being updated within the system. The system has an updated flying schedule.

DATA SOURCE:

The data is already entered into the system by the various wing users, i.e., Frag Shop - schedule, Munitions Control - munitions, Fighter Squadrons - aircrew names, Maintenance Operations Center - status remarks.

RELATED SCREENS:

Aircraft Status
Flying Schedule
Munitions Status

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

This is not a standard screen generation result, but is a specially programmed screen. It is an output screen only.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of the AFIRMS implementation.

UNCLASSIFIED
 BASE STATUS
 SPANGDAHLEM

STATUS AS OF:
 31 MAY 1985, 1859Z

SCREEN CURRENCY:
 31 MAY 1985, 1859Z
 SCREEN DATA CURRENCY:
 DTG: 010Z
 DTG: 2 NOV 1984, 0904Z

AREA	SUB AREA	STATUS	ETIC	REMARKS
RUNWAY TAXIWAY	-	LOP	220900Z OCT	3 CRATERS
	1	NOP	240300Z OCT	1 LARGE CRATER
	2	FOP		
	3	NOP	242000Z OCT	
	4	FOP		
LIGHTING	5	FOP		
	APCH LTS	FOP		
	REYL	FOP		
	RUNWAY	FOP		
	SFL	NOP	210800Z OCT	
TAXIWAY	TALD	FOP		
	VAST	FOP		
	BAK13-05	FOP		
	BAK13-23	FOP		
	BAK9-05	FOP		
BARRIERS	BAK9-23	FOP		
	MA1A-05	FOP		
	MA1A-23	FOP		
	-	FOP		
	ASR	FOP		

259Z

UNCLASSIFIED

31 May 85

PAGE 1 OF 2

← PAGE REV

PAGE FWD

CHANGE DATA

HLF

DATE

TIME

SCREEN TITLE: BASE STATUS (Input)

SCREEN NUMBER: WG-STAT. .T

SCREEN PURPOSE:

Permit manual data entry and tabular display of current base status information for availability and schedule execution monitoring.

USER:

PRIMARY: Survivability Recovery Center (SRC)

SUPPORTING:

Senior Battle Staff
LRC
Fuels Control
Munitions Control
Maintenance Operations Center
Tactical Fighter Squadron

SCENARIO:

Survivability Recovery Center personnel are monitoring and updating base and airfield status and damage.

CLASSIFICATION:

This product is UNCLASSIFIED when the base status is fully operational. When there are any areas that become a limiting factor, the classification is SECRET.

ASSUMPTIONS: None.

DATA SOURCE:

The various wing agencies input their respective data. The SRC is responsible for determining the overall status.

RELATED SCREENS:

Base Status Map

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling
Data change indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, and 9-16.

RECOMMENDED CHANGES: None.

Add a subarea called "overall" for each area that will record the status for the area (Runway and NAVAIDS [Navigation Aids] have a dash (-) serving as the overall status).

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Base Name	53A
Base Operational Status	53D
Base Attack Status	53E
Base ETIC	53F
Base Status Remarks	53G
Base Status As Of	53H
Resource Area	96B
Resource Status	96C
Resource ETIC	96D
Resource Remarks	96E

PARAMETER SELECTION SCREEN:

BASE STATUS PARAMETER SCREEN				
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <input type="checkbox"/> 1. BASE NAME SPANGDAHLEM </div> <div style="border: 1px solid black; width: 80%; margin: 0 auto; height: 100px; display: flex; align-items: center; justify-content: center;"> Write in a value. </div>				
DISPLAY PRODUCT		RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
KEY # 1	2	3	4	5
1ST ARRAY OF PARAMETER SCREEN KEYS				
←	PAGE REVERSE	FULL PG HALF PG	PAGE FORWARD	SELECT PARAM VALUE
KEY # 9	10	11	12	13
2ND ARRAY OF PARAMETER SCREEN KEYS				
DELETE PARAM VALUE	DELETE PARAM VALUE	DELETE PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 14	15	16	17	18

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 8 MAY 1985,1412Z
 OLD: DTG Z
 NEW: 2 NOV 1984,0904Z

UNCLASSIFIED
 BASE STATUS
 SPANORALEM

STATUS AS OF:
 8 MAY 1985,1412Z

AREA	SUB AREA	STATUS/ETIC	REMARKS
IRUNWAY	-	ILOP	220900Z OCT 3 CRATERS
ITAXIWAY	11	INOP	240300Z OCT 1 LARGE CRATER
	12	IFOP	
	13	INOP	242000Z OCT
	14	IFOP	
	15	IFOP	
ILIGHTING	APCH LTS	IFOP	
	IREIL	IFOP	
	IRUNWAY	IFOP	
	ISFL	INOP	210800Z OCT
	ITAXIWAY	IFOP	
	ITHLD	IFOP	
	IVASI	IFOP	

PAGE 1 OF 3

8 May 85

UNCLASSIFIED

1412Z

SEGMENT 1 OF 1

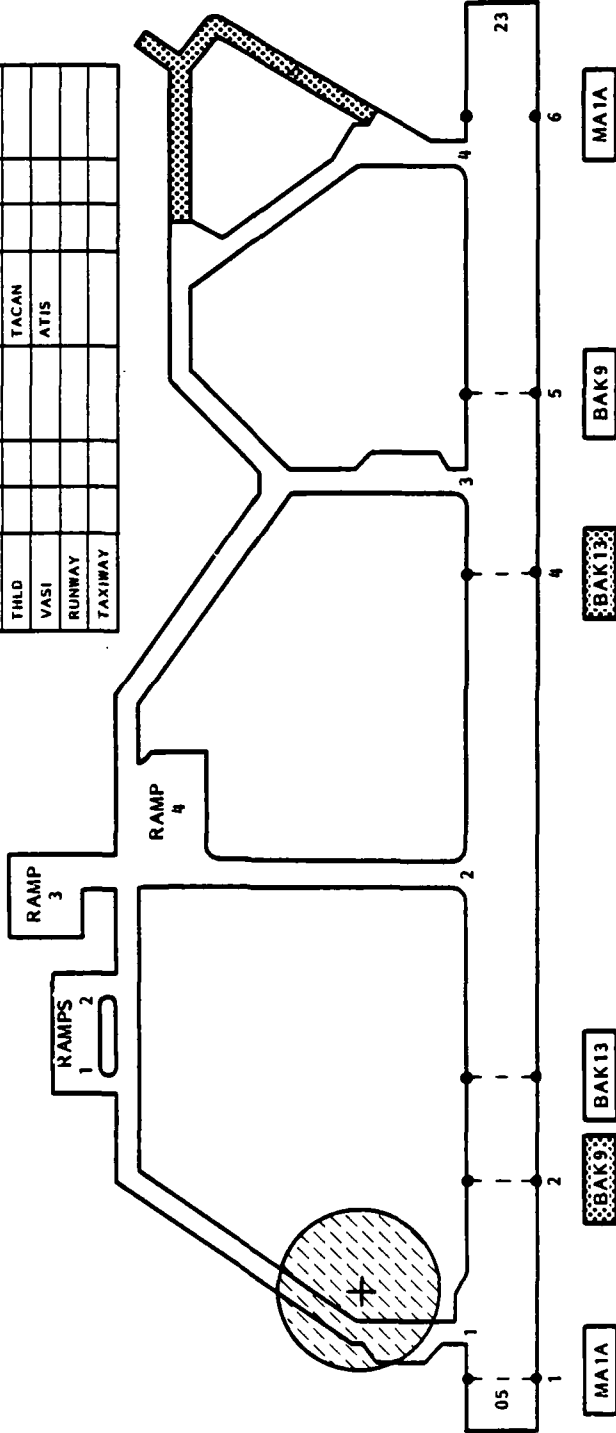
DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

CLASSIFICATION AIRFIELD STATUS 52 TFW

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC

STATUS AS OF
20 MAY 83, 0700Z

LIGHTING	IN	OUT	ETIC	NAV AIDS	IN	OUT	ETIC
APCH LTS				ILS			
SFL				ASR			
REIL				PAR			
THLD				TACAN			
VASI				ATIS			
RUNWAY							
TAXINWAY							



20 MAY 83

0700Z

SCREEN ID NO.:

CLASSIFICATION

SCREEN TITLE: AIRFIELD STATUS

SCREEN NUMBER: WG.STAT. .G

SCREEN PURPOSE:

Display the overall status of the airfield and associated equipment.

USER:

PRIMARY: SRC

SUPPORTING:

Senior Battle Staff
Maintenance Operations Center
Mission Director
Tactical Fighter Squadron

SCENARIO:

Survivability Recovery Center personnel are monitoring and updating base and airfield status and damage. An unexploded bomb has been found from a recent airfield attack, and a 2,000-foot radius has been cordoned off for safety. The users are interested to see if the taxiways or the runway are affected.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The wing enters the status data via the Base Status product. The taxiways, NAVAIDS, barriers, etc., are colored depending on their status code, e.g., FOP = green, NOP = red. The point and circle represent an unexploded bomb. The 2,000-foot radius safety distance and bomb location coordinates are input with another product.

RELATED SCREENS:

Base Status
Base Status Map

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

This is not a standard screen generation result, but is a specially programmed screen.

It is an output screen only.

A grid system underlies this screen. Coordinates and a radius are entered with another product and are plotted by this product.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

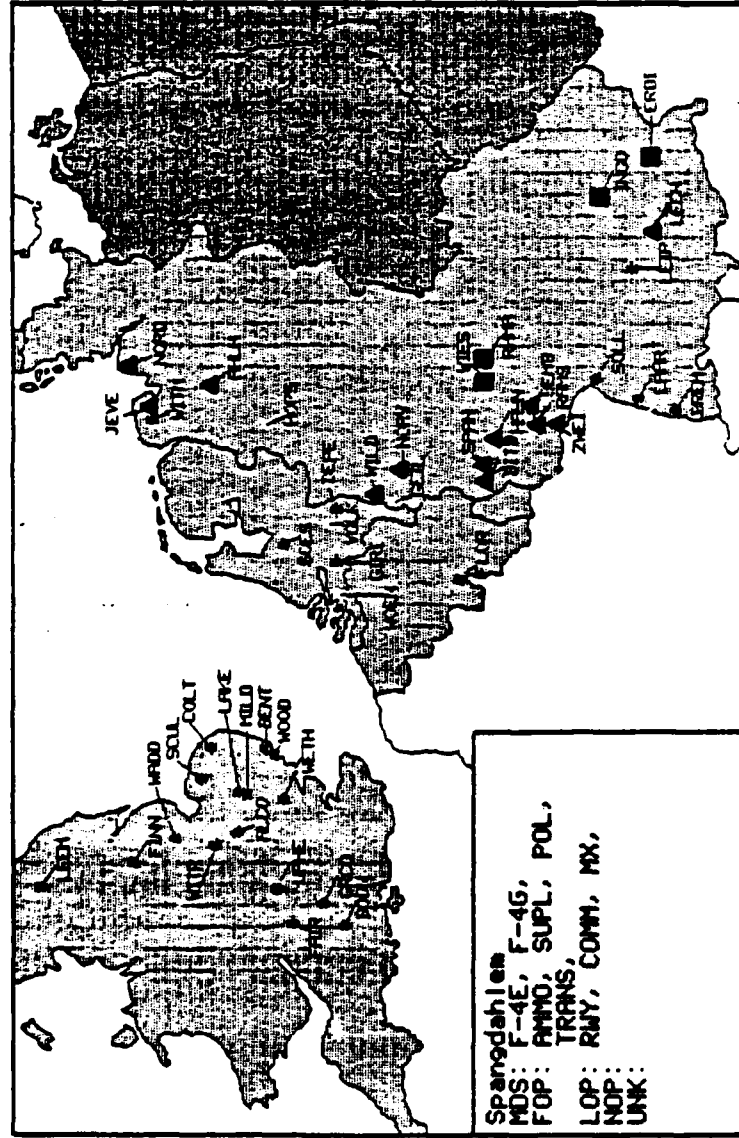
BLACK-AND-WHITE TABULAR VERSION:

Not applicable. See Base Status product.

UNCLASSIFIED
 BASE STATUS MAP
 CENTRAL REGION

SCREEN CURRENCY:
 30 APR 1965, 1553Z
 SCREEN DATA CURRENCY:
 010Z
 30 APR 1965, 1553Z

STATUS AS OF:
 30 APR 1965, 1553Z



BASE STATUS
 FOP
 LOP
 NOP
 UNK

BASE TYPE
 CDB
 MOB

UNIT TYPE
 FIGHTER/RECDE

Spandahlem
 MDS: F-4E, SUPL, POL,
 FOP: ANNO, TRANS,
 RNY, COMM, MX,
 LOP:
 NOP:
 UNK:

UNCLASSIFIED

30 Apr 65

1964

DISPLAY FROM SELECT

HARD COPY

TOP MENU

PREVIOUS MENU

HELP

REFRESH SCREEN

SCREEN TITLE: BASE STATUS MAP

SCREEN NUMBER: WG.STAT. .G

SCREEN PURPOSE:

Provide quick view of bases with problem areas relative to their location in the area of interest.

USER:

PRIMARY: Senior Battle Staff

SUPPORTING:

Tactical Fighter Squadron
Mission Director

CLASSIFICATION:

This product is UNCLASSIFIED when all bases are fully operational (FOP). However, when any bases are limited or not operational (LOP or NOP), the product is SECRET.

ASSUMPTIONS: None.

DATA SOURCE:

The bases in the Central Region have reported their status via AFIRMS to HQ USAF which, in turn, aggregated the information and returned the information to the wing via AFIRMS mail utility. The Wing Operations Center (WOC) then inputs the data on the airfields of interest into the system.

RELATED SCREENS:

Base Status

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Data update notification
Dynamic legend
Dynamic base display (i.e., not all bases may be desired)
Base position color-coded depending on operational status
Ability for user to add or delete bases from the map.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

CLASSIFICATION FUELS STATUS MAP 52 TFW

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC

NIEDERSTEDEN

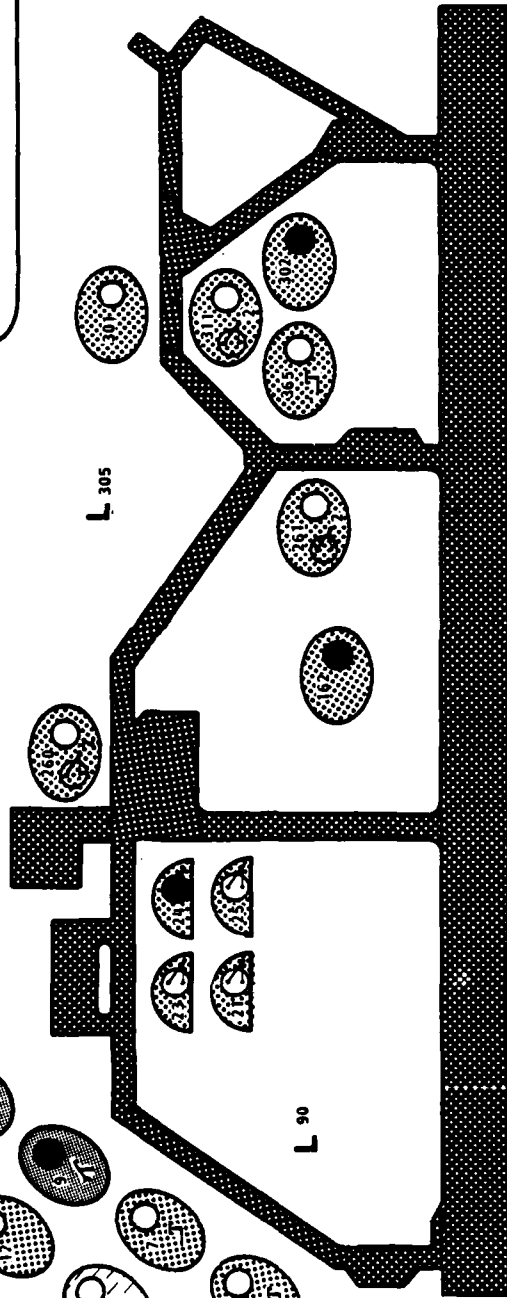
PHILIPPSHEIM

MD
169

L 305

L 90

○	MISSION READY	○	JP-4	M	MOGAS FAC.
●	NOT MISSION READY	○	MOGAS	D	DIESEL FAC.
○		○	DIESEL	L	LOX FAC.
○		○	FILLSTAND (TOPLOADER)		
○		○	FILLSTAND (BOTTOMLOADER)		
○		○	HYDRANT OUTLET		



28 MAY 83

CLASSIFICATION

9196Z

SCREEN ID NO.:

10/11-132

SCREEN TITLE: FUELS STATUS MAP

SCREEN NUMBER: WG.STAT. .G

SCREEN PURPOSE:

Provide current summarized fuel status information for availability and schedule execution monitoring.

USER:

PRIMARY: Fuels Control

SUPPORTING:

Senior Battle Staff
SRC

SCENARIO:

Either an identification of fuel resource availability to respond to tasking is desired or a monitoring of POL and associated equipment is being performed.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The Fuels Control personnel input the data with the Fuels Status product.

RELATED SCREENS:

Fuels Status
Base Status

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

This is not a standard screen generation result, but is a specially programmed screen. It is an output only screen.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION: Not applicable.

See Fuels Status product.

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10/11-134

34731

2.1 52nd TFW Staff Support Products

The Wing Staff support products in this section support the wing's activities in its normal peacetime day-to-day duties (i.e., non-exercise).

SCREEN TITLE

War Mobilization Plan
Mission Profile Definition
Order Assignments
Wing Operations Rates
Wing Flying Day
Wing Resource Summary
Resupply Schedule
OPLAN/OPORD Associations
Aircraft Tasking
Integrated Capability
Individual Resource Capability
Base Fuels Capability
Munitions Capability
Process Status

The products in Section 1.1 dealt with the ATO which is a very specific task for a single day--the next day. The DOC statement (derived from the USAF War Mobilization Plan (WMP)) is a very general task for many days. The first five products are designed to make a general task (such as the DOC) into a specific task. The next two products summarize the wing's resources and include any resupply plans that are to be used. The OPLAN/OPORD Association product ties them all together in preparation for the Sortie Generation Model (SGM) to execute. The four resource capability products are the output of SGM. The last product, Process Status, is an AFIRMS support product that gives the user the ability to monitor the batch processes spawned by AFIRMS to run the SGM, the Resource Rollup, and the Resource and Base/Unit Status exercise/crisis reports to USAFE.

A final comment: the products that translate the task into specific tasking, i.e., Mission Profile Definition, Order Assignments, Wing Flying Day, and Wing Operations Rates, have several recommended/suggested changes listed. The changes recommended are not an exhaustive list. The LPP did not permit the development of an operational system. Therefore, further analysis will be needed to develop an operational version of the Sortie Generation Model and the Translate Tasking module. It is expected that more Translate Tasking products will be needed for the operational system.

SCREEN CURRENCY:
29 MAY 1985.1418Z
SCREEN DATA CURRENCY:
016Z
MID: 29 MAY 1985.1407Z

UNCLASSIFIED
WAR MOBILIZATION PLAN
VOL 5 - EXTRACT

TASKING:
52TFW DOC

LMP LABEL	SEGMENT FROM	DAY TO	SORTIES PER DAY MD	PER A/C RATE	SORTIE DURATION
52TFW DOC	6		F-4	3	1.3
	7	29		2	1.3

PAGE 1 OF 1
29 May 85

UNCLASSIFIED
CHANGE APPLIC DATA
GO UP SECRET

DELETE UP SECRET

18162

SCREEN TITLE: WAR MOBILIZATION PLAN

SCREEN NUMBER: WG.TASK. .T

SCREEN PURPOSE:

Display the Designed Operational Capability (DOC) (derived from the USAF War Mobilization Plan (WMP)) task factors.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Tactical Fighter Squadrons (TFS)

SCENARIO: (Reference baseline scenario.)

The user is reviewing the unit's DOC tasking.

CLASSIFICATION:

This product is classified SECRET when the wing's DOC data is entered. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

The user. The user gets it from the unit's DOC Statement.

RELATED SCREENS:

Order Assignments
Wing Flying Day

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, and 9-16.

RECOMMENDED CHANGES:

- a. Use MDS versus MD.
- b. Delete the WMP MDS parameter. That parameter is not needed at the wing level.
- c. Change the title to Designed Operational Capability. The War Mobilization Plan title is not appropriate at wing level.

DATA ELEMENTS:

Element Name

- Order Identification
- Order Date
- Order Change Number
- Order Classification
- Task Period Start Day
- Task Period End Day
- Resource Type Required
- Aircraft Sortie Rate
- Sortie Duration

DRD #

- 54A
- 54E
- 54G
- 54K
- 71B
- 71C
- 71D
- 71F
- 71G

PARAMETER SELECTION SCREEN:

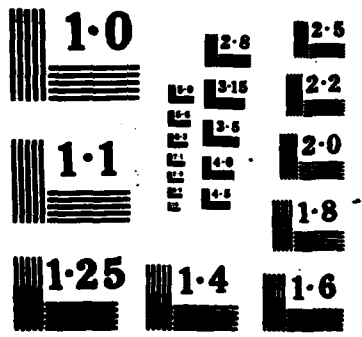
WAR MOBILIZATION PLAN PARAMETER SCREEN				
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1. WMP LABEL</p> <p>2. WMP SEGMENT FROM DAY ALL</p> <p>3. WMP MDS ALL</p> </div> <div style="border: 1px solid black; width: 100%; height: 100px; margin-bottom: 10px;"> <p style="text-align: center;">Write in a value.</p> </div> <p style="text-align: center;">52 TFW DOC</p>				
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	→

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY #	1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD	HALF PG	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	ENTER PARAM VALUE

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY #	9	10	11	12	13	14	15	16
-------	---	----	----	----	----	----	----	----



UNCLASSIFIED
MISSION PROFILE DEFINITION

SCREEN CURRENCY:
29 MAY 1985, 1400Z
SCREEN DATA CURRENCY:
29 MAY 1985, 0100Z
REL: 29 MAY 1985, 1400Z

MISSION PROFILE LABEL	PERIOD FROM TO	MISSION TYPE MD	MISSION PRIORITY	FUEL CONSUMED (GAL.)	SCL	SCL PRI
52TFW 00C	0 6	MM-F-4	1	2400	UD1010	1
					UD4010	2
					UD1020	3
					UD4020	4
					UD1030	5
					UD4030	6
52TFW 00C	7 29	MM-F-4	1	2400	UD1010	1
					UD4010	2
					UD1020	3
					UD4020	4
					UD2020	5
					UD4080	6

PAGE 1 OF 1

29 MAY 85

1807

UNCLASSIFIED

HALF PG
ORIGIN
MISSION DATA

NO
MISSION LINE
DELETE
MISSION LINE

SCREEN TITLE: MISSION PROFILE DEFINITION

SCREEN NUMBER: WG.TASK. .T

SCREEN PURPOSE:

Display the mission profiles of the various missions in the task.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Tactical Fighter Squadrons

SCENARIO: (Reference baseline scenario.)

The user is reviewing the data of the missions, e.g., munition Standard Conventional Loads (SCL) for the MDS and mission, etc.

CLASSIFICATION:

This display is normally classified CONFIDENTIAL. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

The wing user will input the data as assigned by HQ USAFE for DOC Statements. For what-if exercises, the user must develop the data.

RELATED SCREENS:

Order Assignments
Wing Flying Day
Wing Operations Rates
Wing Resource Summary
Resupply Schedule
OPLAN/OPORD Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Mission Priority is a unit oriented priority and should be moved to Order Assignments.
- b. Have AFIRMS compute Fuel (gal) usage using MDS, sortie duration, and mission versus a user input. A screen will be needed to input and update the fuel usage table for AFIRMS to use.
- c. Add a column for Minimum Fuel, i.e., that amount of fuel the aircrew does not use on the mission but holds as a safety margin.
- d. Change Mission and MDS to separate columns.
- e. Add an expenditure per sortie factor (EPSF) table for munitions and TRAP. Munitions and TRAP are not completely expended on every mission.
- f. Add planned and WMP combat attrition rates for aircraft (now on Wing Operations Rates product) and aircrew.

DATA ELEMENTS:

Element Name DRD #

- Resource Type Needed For Task 8A
- Task Type Set Identifier 8B
- Resource Priority 8D
- Standard Quantity of Resource Needed 8E
- Task Priority 9B
- Task Period Start Day 9E
- Task Period End Day 9F

PARAMETER SELECTION SCREEN:

MISSION PROFILE DEFINITION PARAMETER SCREEN			
ENVIRONMENT: PEACE	EXERCISE	CRISIS	PAGE 1 of 1
<p>52TFW DOC</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>Write in a value.</p> </div>			
<p>1. MISSION PROFILE LABEL</p> <p>2. TASKING PERIOD START DAY ALL PERIODS</p> <p>3. MISSION TYPE ALL MISSIONS</p>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
↑			

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
←	HALF PG				

KEY # 9 10 11 12 13 14 15 16

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 31 MAY 1985,1747Z
 OLD: DTG Z
 NEW: 29 MAY 1985,1425Z

UNCLASSIFIED
 MISSION PROFILE DEFINITION

MISSION PROFILE LABEL	PERIOD	MISSION TYPE	MISSION PRIORITY	FUEL CONSUMED (GAL.)	SCL	SCL PRI
5ZTFM DOC	0 16	MA-F-4	1	2400	UD1010	1
					UD4010	2
					UD1020	3
					UD4020	4
					UD1030	5
					UD4030	6
5ZTFM DOC	17 29	MA-F-4	1	2400	UD1010	1
					UD4010	2
					UD1020	3
					UD4020	4
					UD2020	5

PAGE 1 OF 2

31 May 85

UNCLASSIFIED

1747Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			
				->

SCREEN CURRENCY: 29 MAY 1985 140Z
 SCREEN DATA CURRENCY: 0000
 0106
 NEW 29 MAY 1985 1437Z

UNCLASSIFIED ORDER ASSIGNMENTS

MSGNO: 521FW DOC

ATO LABEL	PERIOD		WING ID	TOTAL WMP SORTIES PER DAY	MISSION TYPE-MO	SORTIES PER DAY
	FROM	TO				
521FW DOC	6	29	521FW	144	MM-F-4	216
	7	29		144		144

PRICE 1 OF 1

29 MAY 85

1839Z

UNCLASSIFIED

CHANGE ATO LINE	ADD ATO LINE	DELETE ATO LINE	ENTER
MAY 76			

SCREEN TITLE: ORDER ASSIGNMENTS

SCREEN NUMBER: WG.TASK. .T

SCREEN PURPOSE:

Display the mission assignment and sortie tasking for the wing's task.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Tactical Fighter Squadrons,
Maintenance Operations Center

SCENARIO: (Reference baseline scenario.)

The user is reviewing the tasking assigned in the wing task.

CLASSIFICATION:

This display is normally classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

The wing user will input the data as assigned by HQ USAF for the wing's DOC Statement. For other tasks or what-if exercises, the user will develop and input the data.

RELATED SCREENS:

War Mobilization Plan
Mission Profile Definition
Wing Flying Day
Wing Operations Rates
Wing Resource Summary
Resupply Schedule
OPLAN/OPORD Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Add a column for Mission Priority to be moved here from the Mission Profile Definition product. The mission priority is unit oriented and is not the same for all units.
- b. Separate Mission Type and MDS into two columns.
- c. Add a column for Unit Employment Day. This would normally be zero for the 52nd TFW but other units must deploy to be employed. For some tasks, the 52nd TFW might also be deployed.
- d. Add a column for the Unit Employment Location. For the 52nd TFW this will normally be Spangdahlem but not for all tasks. Other units must deploy to be employed.
- e. Delete the Unit Name parameter. It is not needed at the unit level.
- f. Add columns to allow for up to 4 unit MDSs.
- g. A column may need to be added to this product for Sortie Duration, which is presently on the Wing Flying Day product. Sortie duration normally varies for the different types of mission, e.g., an Interdiction mission is normally a longer mission than a Close Air Support mission.
- h. Analysis is needed to determine if a column for wing priority (a recommended addition for USAF and HQ USAF products) should be added to this wing-level product. It may be needed at bases with multiple units with different missions, e.g., Ramstein AB with a fighter mission and a airlift mission to support.

DATA ELEMENTS:

Element Name

DRD #

Order Identifier
 Order Date
 Order Change Number
 Order Classification
 Tasked Unit Name
 Base Name - Unit Employment Location
 Unit Employment Day

54A
 54E
 54G
 54K
 56A
 56E
 56F

Element Name

DRD #

Total WMP Sorties Per Day
 Task Period Start Day
 Task Period End Day
 Mission Type
 Sortie Per Day
 Mission Priority
 Resource Type in Unit of Order

56M
 59D
 59E
 59G
 59K
 59L
 74B

PARAMETER SELECTION SCREEN:

ORDER ASSIGNMENTS PARAMETER SCREEN									
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1					
<p><input type="checkbox"/> 1. ORDER IDENTIFICATION</p> <p><input type="checkbox"/> 2. WMP LABEL 52 TFW DOC</p> <p><input type="checkbox"/> 3. ORDER START PERIOD ALL PERIODS</p> <p><input type="checkbox"/> 4. MISSION TYPE ALL MISSIONS</p> <p><input type="checkbox"/> 5. UNIT NAME ALL UNITS</p>									
52 TFW DOC									
DISPLAY PRODUCT			RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP				→

Write in a value.

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD		SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
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KEY # 9 10 11 12 13 14 15 16

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 31 MAY 1985,1749Z
 OLD: DTG Z
 NEW: 29 MAY 1985,1439Z

UNCLASSIFIED
 ORDER ASSIGNMENTS

TASKING:
 52TFH DOC

IATO		PERIOD	TOTAL WP	MISSION	SORTIES
I LABEL		I DTG	I SORTIES	I TYPE-	I PER DAY
I 52TFH DOC		I 52TFH	I 144	I MH-F-4	I 216
		0 16	144	MH-F-4	216
		7 29	144		144

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

UNCLASSIFIED WING OPERATIONS RATES

SCREEN CURRENCY:
29 MAY 1985.1617Z
SCREEN DATA CURRENCY: 016Z
OLD: 29 MAY 1985.1615Z
NEW: 29 MAY 1985.1615Z

RATE LABEL	PERIOD		WING DESIG	TURN TIME	MAINT ATTRIT RATE %		COMBAT ATTRIT RATE %		ACFT REPAIR RATE %	MINIMUM TIME BETW TAKEOFFS
	FROM	TO			ATTRIT RATE %	TIME	ATTRIT RATE %	TIME		
52TFW DOC	0	6	52TFW	2	10	2	95	3		
	7	29		2	10	1	55	3		

PAGE 1 OF 1

29 MAY 85

FULL PG

UNCLASSIFIED

CHANGE RATE DATA

ADD RATE LINE

DELETE RATE LINE

2016Z

END

SCREEN TITLE: WING OPERATIONS RATES

SCREEN NUMBER: WG.TASK. .T

SCREEN PURPOSE:

Display the operations rates used by the wing in the task.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Tactical Fighter Squadrons

SCENARIO: (Reference baseline scenario.)

The user is reviewing the wing's operating data used by the AFIRMS Sortie Generation Model to compute the unit's operating environment.

CLASSIFICATION:

This display is normally classified CONFIDENTIAL. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

The user. The combat attrition rate may be furnished to the wing by HQ USAF.

RELATED SCREENS:

Mission Profile Definition
Order Assignments
Wing Flying Day
Wing Resource Summary
Resupply Schedule

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, and 9-16.

RECOMMENDED CHANGES:

- a. Delete Combat Attrition from this product and move to the Mission Profile Definition product.
- b. Add aircraft Battle Damage Repair (BDR) rate.
- c. Delete the Unit Name parameter. It is not needed at the wing level.

DATA ELEMENTS:

Element Name

DRD #

Element Name

DRD #

Order Identifier
 Order Date
 Order Change Number
 Order Classification
 Tasked Unit Name
 Turn Time For Unit Order
 Period Start Day
 Period End Day
 Maint Attrit Rate For Unit Order
 Aircraft Repair Rate For Unit Order

54A
 54E
 54G
 54K
 59B
 59C
 59D
 59E
 59F
 59H

Min Time Between Takeoffs For Unit Order
 Combat Attrition Rate For Unit Order

59J
 59J

PARAMETER SELECTION SCREEN:

WING OPERATIONS RATES PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<div style="border: 1px solid black; padding: 5px; min-height: 100px;"> <p>1. RATE LABEL</p> <p>2. TASKING PERIOD START DAY ALL DAYS</p> <p>3. UNIT NAME ALL UNITS</p> <p style="text-align: center;">Write in a value.</p> </div>			
52TFW DOC			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
↑			

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD		SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 31 MAY 1985,1754Z
OLD: DTG Z
NEW: 29 MAY 1985,1615Z

UNCLASSIFIED
WING OPERATIONS RATES

PERIOD		MAINT		COMBAT		ACT		MINIMUM	
IRATE	TURN	ATTRIT	TIME	REPAIR	TIME	BETH			
LABEL	FROM	TO	DESIG	TIME	IRATE	%IRATE	%RATE	%TAKEDOFFS	
52TFH DOC	10	16	52TFH	2	10	12	95	13	
	17	29		2	10	11	95	13	

PAGE 1 OF 1 31 May 85 UNCLASSIFIED 1754Z
SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

SCREEN TITLE: WING FLYING DAY

SCREEN NUMBER: WG.TASK. .T

SCREEN PURPOSE:

Display the aircrew flying operation day planned for the task.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Tactical Fighter Squadron

SCENARIO: (Reference baseline scenario.)

The user is reviewing the planned or required flying operations for the 52nd TFW aircrews in the squadron DOC statements.

CLASSIFICATION:

This display is normally classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

The wing user. For assessments of DOC statements, HQ USAFE may provide the wing with the standard data for the start and duration of the flying day.

RELATED SCREENS:

War Mobilization Plan
Mission Profile Definition
Order Assignments
Wing Operations Rates
Wing Resource Summary
Resupply Schedule
OPLAN/OPORD Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Delete the Planned MD and the Current MD columns. They are not needed at the wing level.
- b. Delete the Unit Name parameter. It is not needed at the wing level.
- c. A maximum sorties per day constraint may be needed for the aircrew day.
- d. Analysis is needed to determine if time periods are also needed for this product. For example, the aircrew "crew day" length or shift duration may be 16 hours but that can not be maintained for a long period of time. Therefore, it would seem appropriate that a wing's flying day should also be variable by day.
- e. The Sortie Duration may vary by type of mission. For example, a unit may fly a longer sortie duration for an interdiction mission than for a Close Air Support mission. Therefore, the Planned Sortie Duration may need to be moved to the Order Assignments product.
- f. If analysis shows that this product does need time periods as suggested in recommendation d above, then another product may be needed for the static data such as Planned and Current MDS, Planned PAA, and Planned aircrews from this product as well as Employment Day and Employment Location from the Order Assignments product.

DATA ELEMENTS:

Element Name

DRD #

- | | |
|------------------------------|-----|
| Order Identifier | 54A |
| Order Date | 54E |
| Order Change Number | 54G |
| Order Classification | 54K |
| Tasked Unit Name | 56A |
| Unit WMP Sortie Duration | 71G |
| Unit Planned Sortie Duration | 56J |
| Fly Day Start Time | 89N |
| Fly Day Duration | 89P |
| Shift Aircrew Percentage | 89O |
| Shift Start Time | 89Q |
| Shift Duration | 56K |

PARAMETER SELECTION SCREEN:

WING FLYING DAY PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1
<p>1. ORDER IDENTIFICATION</p> <p>2. WMP LABEL 52TFW DOC</p> <p>3. UNIT NAME ALL UNITS</p>									
52TFW DOC									
DISPLAY PRODUCT	2	3	4	5	6	7	8	9	10
RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	Write in a value.						
↑									

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PC	PAGE FORWARD	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	KEY # 10	KEY # 11	KEY # 12	KEY # 13	KEY # 14

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 15	KEY # 16
----------	----------

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 31 MAY 1985,175Z
 OLD: DTG Z
 NEW: 29 MAY 1985,150Z

UNCLASSIFIED
 HING FLYING DAY

TASKING:
 52TFH DOC

IMING	CURRENT	PLANNED	FLYING DAY	IMP	PLANNED	SHIFT	PERCENT
DESIG	MD	MD	START	DURA-	SORTIE	DURA-	START
			TIME	TION	DURATION	TION	TIME
52TFH	DOC	F-4	0500	18	1.3	12	0500
		F-4	0500	18	1.3	12	0500
							1200
							50

PAGE 1 OF 1

UNCLASSIFIED

31 May 85

175Z

SEGMENT 1 OF 1

DISPLAY	ILINE	TOP	PREVIOUS	UPDATE
PNAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			(->)

**UNCLASSIFIED
WING RESOURCE SUMMARY**

SCREEN CURRENCY:
31 MAY 1985 1458Z
SCREEN DATA CURRENCY:
DTZ
NET: 9 MAY 1985 1458Z

RESOURCE SET NAME	WING NAME	ACT PAGING	IR RESOURCE CON BASE NAME	TYPE	QUANTITY	PULL UP	AS OF DATE AND TIME (Z)	TRANSMIT
TRUTLE	SETH	12 54	BT SPANGLER1	2000 H1	300000	30 MAY 1985 1458Z	14-JAN-1985 1932Z	
				1000-50-10	150			
				1000-50-1	200			
				1000-50-4	0			
				1000-50-6	150			
				1000-50-9	150			
				1000-50	375			
				1000-9	100			
				1110-16	100			
				1110-16-2	3000			
				1110-9	3000			
				1110-9	30			
				1000-2	25			
				1000-3	65			
				1000-7	300			
				1000-10	600			
				1000-11	75			
				1000-12	401			
				1000-15	200			
				1000-1	74000			
				1000-7	300			
				1000-9	2630			

2202

UNCLASSIFIED

31 May 85

PAGE 1 OF 2

← PAGE KEY
 PAGE FWD
 PAGE REV
 PAGE END
 PAGE STOP
 PAGE TIME

SCREEN TITLE: WING RESOURCE SUMMARY

SCREEN NUMBER: WG.STAT. .T

SCREEN PURPOSE:

Display the rolled up summary of the wing's resources.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Munitions Control, Fuels Control,
Tactical Fighter Squadrons

SCENARIO: (Reference baseline scenario.)

The user is reviewing the resource and quantities used by the SGM to compute the assessment of the task (which could be the DOC). (This product was also used by the WOC to review the resource report transmitted to USAFE.)

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The AFIRMS sums up the wing resources using data input by wing functional area users into their status products, i.e., Fuels Status, Munitions Status, Aircrew Status, and Aircraft Status. For what-if exercises, the user will have to input the data (if possible, by modifying existing resource data).

RELATED SCREENS:

Mission Profile Definition
Order Assignments
Wing Flying Day
Wing Operations Rates
Resupply Schedule
OPPLAN/OPORD Associations
Integrated Capability
Individual Resource Capability
Base Fuels Capability
Munitions Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

Delete Command Unit and Unit Name parameters. They are not needed at wing level.

DATA ELEMENTS:

Element Name	DRD #
Resource Set Identifier	13D
Unit Name Owning Resource	13A
Resource Authorized Amount (aircraft PAA)	13C
Aircraft MC	13Q
Aircrew MR	13P
Base Name	13J
Resource Type	13B
Resource Current Amount	13H
Resource Rollup DTG	13N
Resource Transmit DTG	13O

PARAMETER SELECTION SCREEN:

WING RESOURCE SUMMARY PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<p>1. RESOURCE SET NAME</p> <p>2. UNIT NAME ALL UNITS</p> <p>3. LOCATION ALL BASES</p> <p>4. RESOURCE TYPE ALL RESOURCES</p> <p>5. COMMAND UNIT 17 AF</p>			
<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <p>Write in a value,</p> </div>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
↑			

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15
						16

2ND ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15
						16

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 31 MAY 1985,1756Z UNCLASSIFIED
 OLD: DTG Z WING RESOURCE SUMMARY
 NEW: 8 MAY 1985,1450Z

RESOURCE SET NAME	WING NAME	ACFT	MR	RESOURCE	IBASE NAME	ITYPE	QUANTITY	ROLL UP	AS OF DATE AND TIME(Z)	TRANSMIT
ACTUAL	52TFW	72	54	81	SPANGDAHLEN	20M MET	500000	08-MAY-1985,1450Z	14-JAN-1985,1953Z	
					SPANGDAHLEN	AGT-45A-10	150			
					SPANGDAHLEN	AGT-45A-3	200			
					SPANGDAHLEN	AGT-45A-4	0			
					SPANGDAHLEN	AGT-45A-6	150			
					SPANGDAHLEN	AGT-45A-9	150			
					SPANGDAHLEN	AGT-65A	375			
					SPANGDAHLEN	AGT-78	100			
					SPANGDAHLEN	AIM-7E	200			
					SPANGDAHLEN	AIM-7E-2	3000			
					SPANGDAHLEN	AIM-9P	2000			
					SPANGDAHLEN	ALE-38	130			

PAGE 1 OF 3

31 May 85

UNCLASSIFIED

1756Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

UNCLASSIFIED RESUPPLY SCHEDULE

SCREEN CURRENCY:
14 JUN 1985.1321Z
SCREEN DATA CURRENCY:
D.O. DTGZ
NEW 14 JUN 1985.1321Z

RESUPPLY LABEL	WING DESIGNATION	RESUPPLY DAY	NUMBER AIRCRAFT	NUMBER AIRCREW	GALLONS FUEL	MUNITION TYPE	AMOUNT
52TFW DDC	52TFW	1			500000	AGM-45A	3000
						MJU-7	70000
						RR170	200000
52TFW DDC	52TFW	2			500000		
		3			500000		
		4			500000		
		5			500000		
		6			500000		
		7			500000	AGM-45A	3000
						RR170	200000
52TFW DDC	52TFW	8			300000		
		9			300000		
		10			300000		
		11			300000		
		12			300000		
		13			300000		
		14			300000		
		15			300000		
		16			300000		
		17			300000		
		18			300000		
		19			300000		

UNCLASSIFIED

SCREEN TITLE: RESUPPLY SCHEDULE

SCREEN NUMBER: WG.STAT. .T

SCREEN PURPOSE:

Display the resource resupply schedule planned for the unit's task.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Munitions Control, Fuels Control, Tactical Fighter Squadron

SCENARIO: (Reference baseline scenario.)

The user is reviewing the resupply of resources and the time schedule for receiving them as planned for the task.

CLASSIFICATION:

This display is normally classified CONFIDENTIAL. However, "what-if" exercises are UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

The wing user will input the data provided by HQ USAFE. For what-if exercises, the user will develop and input the data.

RELATED SCREENS:

Mission Profile Definition
Order Assignments
Wing Flying Day
Wing Operations Rates
Wing Resource Summary
OPLAN/OPORD Associations
Integrated Capability
Individual Resource Capability
Base Fuels Capability
Munitions Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Add a column for fuel type to distinguish between the different grades of fuels.
- b. Add a column for Unit Resupply Location. The 52nd TFW need not be employed at home base.
- c. Delete the Unit Name parameter. It is not needed at the wing level.
- d. Change the Munition Type parameter to Resource Type.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Unit Owning Resource	13A
Resource Name	13B
Resource Resupply Label	20H
Resource Resupply Day	20F
Resource Resupply Quantity	20F

PARAMETER SELECTION SCREEN:

RESUPPLY SCHEDULE PARAMETER SCREEN							
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1			
<p>1. <input type="checkbox"/> RESUPPLY LABEL</p> <p>2. <input type="checkbox"/> UNIT NAME ALL UNITS</p> <p>3. <input type="checkbox"/> RESUPPLY DAY ALL DAYS</p> <p>4. <input type="checkbox"/> MUNITION TYPE ALL MUNITIONS</p>							
52TFW DOC							
DISPLAY PRODUCT		RETURN TO TOP MENU		RETURN PREVIOUS MENU	HELP		↑

Write in a value.

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
		HALF PG				

KEY # 9 10 11 12 13 14 15 16

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 14 JUN 1985,1515Z UNCLASSIFIED
 OLD: DTG Z RESUPPLY SCHEDULE
 NEW: 14 JUN 1985,1324Z

RESUPPLY LABEL	IRING DESIGNATION	IRDAY	IRNUMBER	IRINCR	IRCREM	IRFUEL	IRGALLONS	IRMINIT	IRAMOUNT
52TFH DOC	52TFH	1				500000	AGM-45A		3000
							MJU-7		7000
							RAJ70		200000
52TFH DOC	52TFH	2				500000			
		3				500000			
		4				500000			
		5				500000			
		6				500000			
		7				500000	AGM-45A		3000
							RAJ70		200000
52TFH DOC	52TFH	8				300000			
		9				300000			

PAGE 1 OF 3

14 Jun 85

UNCLASSIFIED

1515Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			

SCREEN CURRENCY:
31 MAY 1985, 1640Z
SCREEN DATA CURRENCY:
DLI: DTGZ
NEW: 31 MAY 1985, 1640Z

UNCLASSIFIED
OPLAN/OPORD ASSOCIATIONS
RUNS OF THE SORTIE GENERATION MODEL

OPUN OPORD LABEL	DRYS IN TASK SET	MISSION PROFILE DEFINITION SET	WING OPERATIONS RATES SET	WING RESOURCE SUMMARY SET	WING FLYING DRY SET	WING RESUPPLY SCHEDULE SET	REMARKS
TEST100C	30	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	IN SINGLE WING TEST
OPUN 4200	60	TEST100C	TEST100C	TEST100C	TEST100C	OPUN 4200	
OPUN 4300A	60	TEST100C	TEST100C	TEST100C	TEST100C		
OPUN 4002	60	TEST100C	TEST100C	TEST100C	TEST100C		
OPUN 4002A	60	TEST100C	TEST100C	TEST100C	TEST100C		
TEST1	3	TEST1	TEST1	TEST1	FLYDRY-SET1	RESUP-1	THIS IS A TEST FEEDBACK
TEST10	10	TEST100C	TEST100C	TEST100C	TEST100C	NONE	10 DAY TEST PLAN OF SGA
TEST15	15	TEST100C	TEST100C	TEST100C	TEST100C	NONE	15 DAY TEST PLAN OF SGA
TEST20	20	TEST100C	TEST100C	TEST100C	TEST100C	NONE	20 DAY TEST OF SGA
TEST30	30	TEST100C	TEST100C	TEST100C	TEST100C	NONE	TESTED WITH PARTIAL UNREST.
TEST40	40	TEST100C	TEST100C	TEST100C	TEST100C	NONE	
TEST50	50	TEST100C	TEST100C	TEST100C	TEST100C	NONE	
TEST60	60	TEST100C	TEST100C	TEST100C	TEST100C	NONE	60 DAY TEST OF SGA
TEST70	70	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	70 DAY TEST PLAN OF SGA
TEST80	80	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	80 DAY TEST PLAN OF SGA
TEST90	90	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	90 DAY TEST PLAN OF SGA
TEST100	100	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	100 DAY TEST PLAN OF SGA
TEST110	110	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	110 DAY TEST PLAN OF SGA
TEST120	120	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	120 DAY TEST PLAN OF SGA
TEST130	130	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	130 DAY TEST PLAN OF SGA
TEST140	140	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	140 DAY TEST PLAN OF SGA
TEST150	150	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	150 DAY TEST PLAN OF SGA
TEST160	160	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	160 DAY TEST PLAN OF SGA
TEST170	170	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	170 DAY TEST PLAN OF SGA
TEST180	180	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	180 DAY TEST PLAN OF SGA
TEST190	190	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	190 DAY TEST PLAN OF SGA
TEST200	200	TEST100C	TEST100C	TEST100C	TEST100C	TEST100C	200 DAY TEST PLAN OF SGA

2235Z

UNCLASSIFIED

31 May 85

PAGE 1 OF 2

PAGE REV
 PAGE FLD
 CHANGE OPLAN DATA
 HALF PG
 ADD OPLAN SEGMENT
 DELETE OPLAN SEGMENT

SCREEN TITLE: OPLAN/OPORD ASSOCIATIONS

SCREEN NUMBER: WG.TASK. .T

SCREEN PURPOSE:

Display the on-line runs already made with the SGM. It provides the means to associate the different sets of tasking and resource data together for input to the SGM. It also facilitates "what-if-ing" readiness and capability issues, e.g., whether the unit's capability is improved with a different set of resource distribution.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Tactical Fighter Squadrons

SCENARIO: (Reference baseline scenario.)

The user is either reviewing the tasking and resource sets used for a SGM run or is preparing to initiate another SGM run.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The user inputs the database labels desired.

RELATED SCREENS:

Order Assignments
Mission Profile Definition
Wing Operations Rates
Wing Flying Day
Wing Resource Summary
Resupply Schedule
Integrated Capability
Individual Resource Capability
Base Fuels Capability
Munitions Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, and 9-16.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name	DRD #
Order Identifier	54A
SGM Days in Run	54Q
Unit Order Identifier (Asgn)	56D
Task Type Set Identifier (Msn)	8B
Unit Operations Identifier	IE
Resource Set Identifier	13D
Unit Order Identifier (Fly)	56D
Resource Resupply Identifier	20H
SGM Remarks	54R

PARAMETER SELECTION SCREEN:

OPLAN/OPORD ASSOCIATIONS PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<div style="border: 1px solid black; padding: 10px; min-height: 150px;"> <p>1. OPLAN/OPORD LABEL</p> <p>2. RESOURCE SET LABEL ACTUAL</p> <p>3. MISSION PROFILE SET 52TFW DOC</p> <p>4. ORDER ASSIGNMENT SET 52TFW DOC</p> <p>5. WING OPERATIONS SET 52TFW DOC</p> <p>6. WING FLYING DAY SET 52TFW DOC</p> <p>7. RESUPPLY SCHEDULE SET 52TFW DOC</p> </div>			
↑	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 5 JUN 1965,062Z
OBJ: DTG 2
MO: 21 NOV 1965,1046Z

UNCLASSIFIED
OPPLAN/OPORD ASSOCIATIONS
NAME OF THE SHUTTLE GENERATION MODEL

OPPLAN	OPORD	MISSION	OPERATIONS	MESSAGE	PLANNING	ISSUE	SUPPLY	SCHEDULE
OPORD	OBJ	DEFINITION	UNIT	SUMMARY	DAY			
LABEL	TABLE SET	SET	SET	SET	SET	SET	SET	SET
OPPLAN 000	OPORD 000	SETRA DOC	SETRA DOC	ACTUAL	SETRA DOC	SETRA DOC	SETRA DOC	SETRA DOC
OPPLAN 000	OPORD 000	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL
OPPLAN 002	OPORD 002	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL
OPPLAN 002H	OPORD 002H	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL
TEST10	TEST10	MISSION	TEST	TEST	FLYWAY-SET1	RESUP-1		
TEST15	TEST15	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL
TEST20	TEST20	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL
TEST30	TEST30	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL

PAGE 1 OF 3

5 Jun 65

UNCLASSIFIED

062Z

SEGMENT 1 OF 2

SCREEN: 5 JUN 1965,092Z
OBJ: DTG 2
MO: 21 NOV 1965,1046Z

UNCLASSIFIED
OPPLAN/OPORD ASSOCIATIONS
NAME OF THE SHUTTLE GENERATION MODEL

OPPLAN	OPORD	MISSION	OPERATIONS	MESSAGE	PLANNING	ISSUE	SUPPLY	SCHEDULE
OPORD	OBJ	DEFINITION	UNIT	SUMMARY	DAY			
LABEL	TABLE SET	SET	SET	SET	SET	SET	SET	SET
OPPLAN 000	OPORD 000	SETRA DOC	SETRA DOC	ACTUAL	SETRA DOC	SETRA DOC	SETRA DOC	SETRA DOC
OPPLAN 000	OPORD 000	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL
OPPLAN 002	OPORD 002	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL
OPPLAN 002H	OPORD 002H	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL
TEST10	TEST10	MISSION	TEST	TEST	FLYWAY-SET1	RESUP-1		
TEST15	TEST15	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL
TEST20	TEST20	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL
TEST30	TEST30	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL

PAGE 1 OF 3

5 Jun 65

UNCLASSIFIED

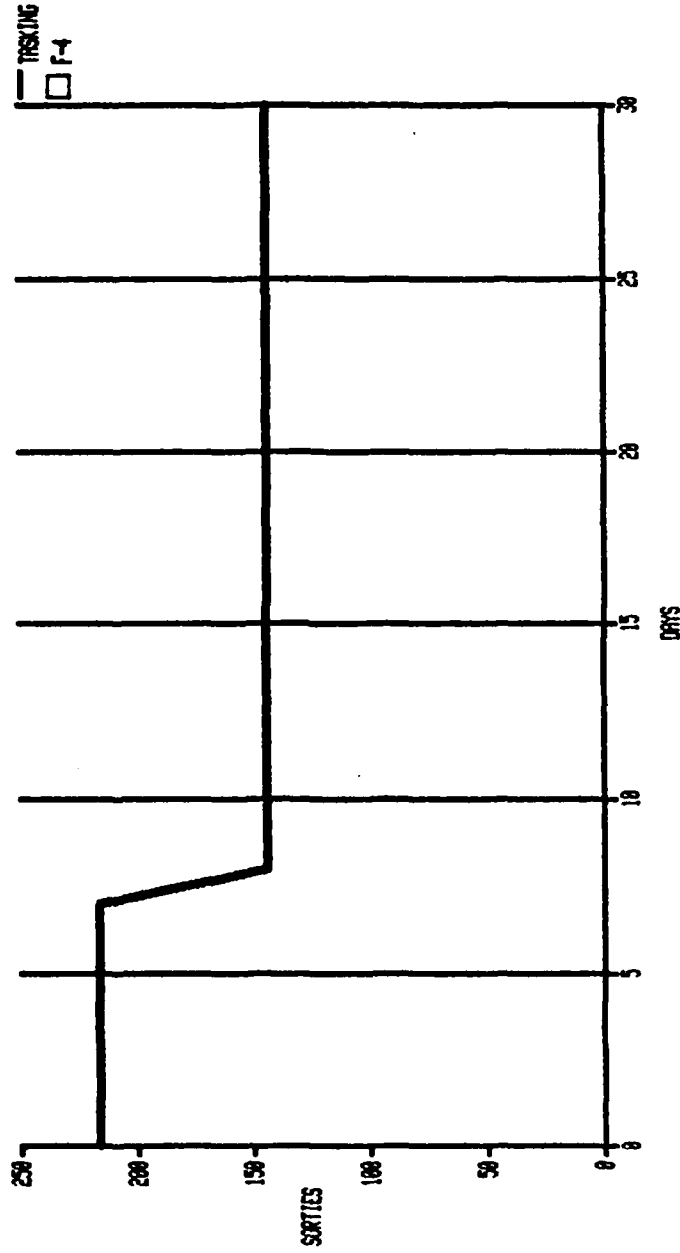
092Z

SEGMENT 2 OF 2

UNCLASSIFIED
AIRCRAFT TASKING
52TFW F-4

SCREEN CURRENCY:
13 JUN 1985, 1350Z
SCREEN DATA CURRENCY:
J01Z
JLD: 11 JUN 1985, 1655Z

TASKING:
52TFW DOC



1749Z

UNCLASSIFIED

13 Jun 85

DISPLAY PAGE SELECT

TOP MENU

PREVIOUS MENU

UPDATE SCREEN

SCREEN TITLE: AIRCRAFT TASKING

SCREEN NUMBER: WG.TASK. .G

SCREEN PURPOSE:

Display the tasked sorties for the 52nd TFW over time.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Tactical Fighter Squadrons

SCENARIO: (Reference baseline scenario.)

Having input the sortie tasking data with the Order Assignments product, the user now wants to see the graphic description of that sortie tasking.

CLASSIFICATION:

This display is normally classified CONFIDENTIAL. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

AFIRMS computes the tasking using the tasking products previously described.

RELATED SCREENS:

Mission Profile Definition
Order Assignments
OPLAN/OPORD Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES:

- a. Delete the Aircraft MD and Command Unit parameters. They are not needed at the wing level.
- b. Change the subtitle to the wing name.

DATA ELEMENTS:

Element Name	DRD #
Order Identification	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Tasked Unit Name	56A
Order Identification For Tasked Unit	71A
Task Period Start From Day	71B
Task Period End to Day	71C
Resource Type Needed for Total Order	71D
Resource Qty Needed for Total Order	71E

PARAMETER SELECTION SCREEN:

AIRCRAFT TASKING PARAMETER SCREEN										
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1	
<p>1. ORDER IDENTIFICATION</p> <p>2. FORECAST PERIOD IN DAYS 30</p> <p>3. AIRCRAFT MD FIGHTER</p> <p>4. COMMAND UNIT USAFE</p>										
52TFW DOC										
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	Write in a value.						↑

KEY # 1 2 3 4 5 6 7 8
1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
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KEY # 9 10 11 12 13 14 15 16
2ND ARRAY OF PARAMETER SCREEN KEYS



BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

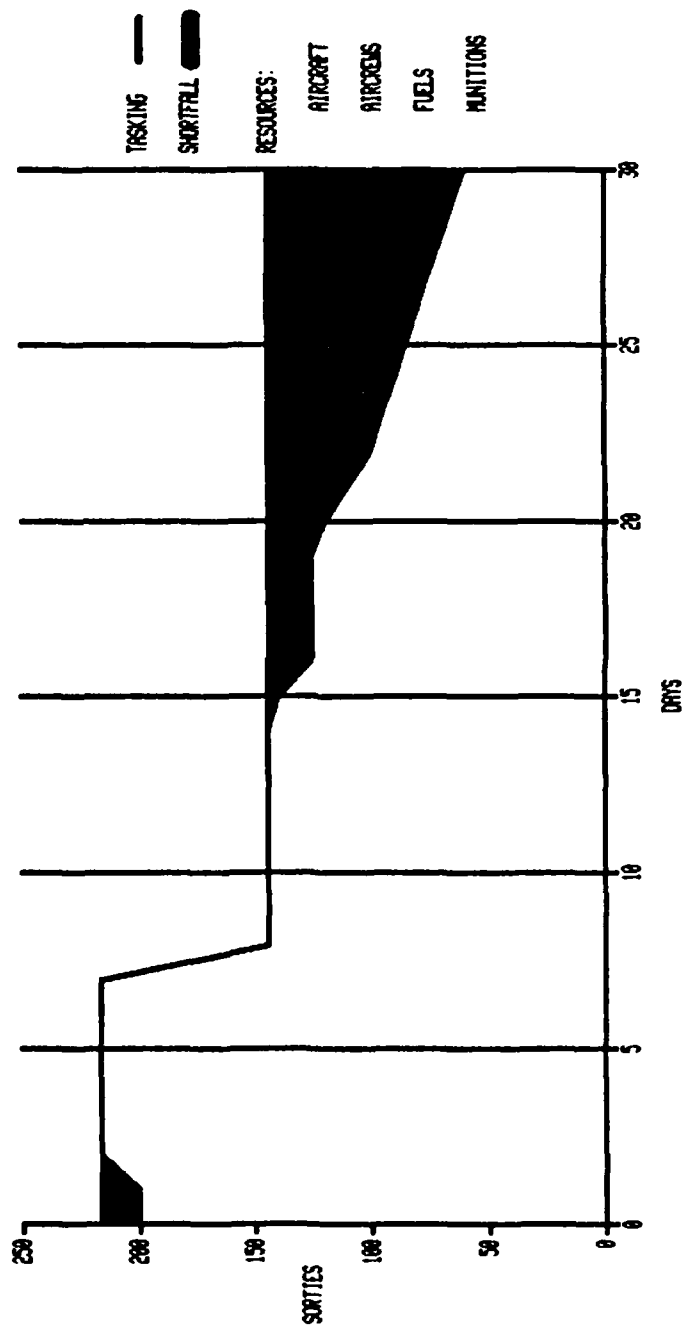


UNCLASSIFIED INTEGRATED CAPABILITY

52TFW F-4

TASKING:
52TFW DOC

SCREEN CURRENCY:
19 JUN 1985, 1004Z
SCREEN DATA CURRENCY:
DTG: DTGZ
NEW: 19 JUN 1985, 1005Z



UNCLASSIFIED

19 Jun 85 2206Z

DISPRT FROM SELECT TOP MENU PREVIOUS MENU UPDATE SCREEN

SCREEN TITLE: INTEGRATED CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the tasking and integrated capability of the wing's resources over time.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Tactical Fighter Squadrons, Munitions Control, Fuels Control

SCENARIO: (Reference baseline scenario.)

After translating the general task such as the DOC statement into a specific task, the user executed the SGM and wants to see the assessment results.

CLASSIFICATION:

This display is normally classified CONFIDENTIAL. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. The individual resources constrain one another, e.g., fuels and munition resources are not "expended" on sorties not "flown" because of a spares shortfall.
- b. All assumptions applicable to the individual resource area assessments also apply to this product.

DATA SOURCE:

The tasking data is computed by AFIRMS using the data input by the user with the tasking products (Mission Profile Definition, Order Assignments, etc.). The capability assessment is computed by AFIRMS SGM using the resources seen in the Wing Resource Summary and Resupply Schedule and the wing operating parameters input with the Wing Operations Rates and Wing Flying Day products.

RELATED SCREENS:

Mission Profile Definition
Order Assignments
Wing Flying Day
Wing Operations Rates
Wing Resource Summary
Resupply Schedule
Individual Resource Capability
Base Fuels Capability
Munitions Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Standard line graph screen

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES:

Delete the Aircraft MD, Command Unit, and Wing Name parameters. They are not needed at the wing level.

DATA ELEMENTS:

Element Name	DRD #
Unit Mission	IC
Aircraft Unit Name	11A
Aircraft MDS	11C
Order Identification	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Tasked Unit Name	56A
Unit Employment Day	56F
Unit Daily Sortie Task	56G
Unit Daily Integrated Sortie Capability	56H

PARAMETER SELECTION SCREEN:

INTEGRATED CAPABILITY PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<p>1. ORDER IDENTIFICATION</p> <p>2. FORECAST PERIOD 30</p> <p>3. AIRCRAFT MD FIGHTER</p> <p>4. COMMAND UNIT USAFE</p> <p>5. WING NAME ALL UNITS</p>			
52TFW DOC			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	→	↶	↷

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY #	1	2	3	4	5	6	7	8
PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE			
KEY #	9	10	11	12	13	14	15	16

BLACK-AND-WHITE TABULAR VERSION:

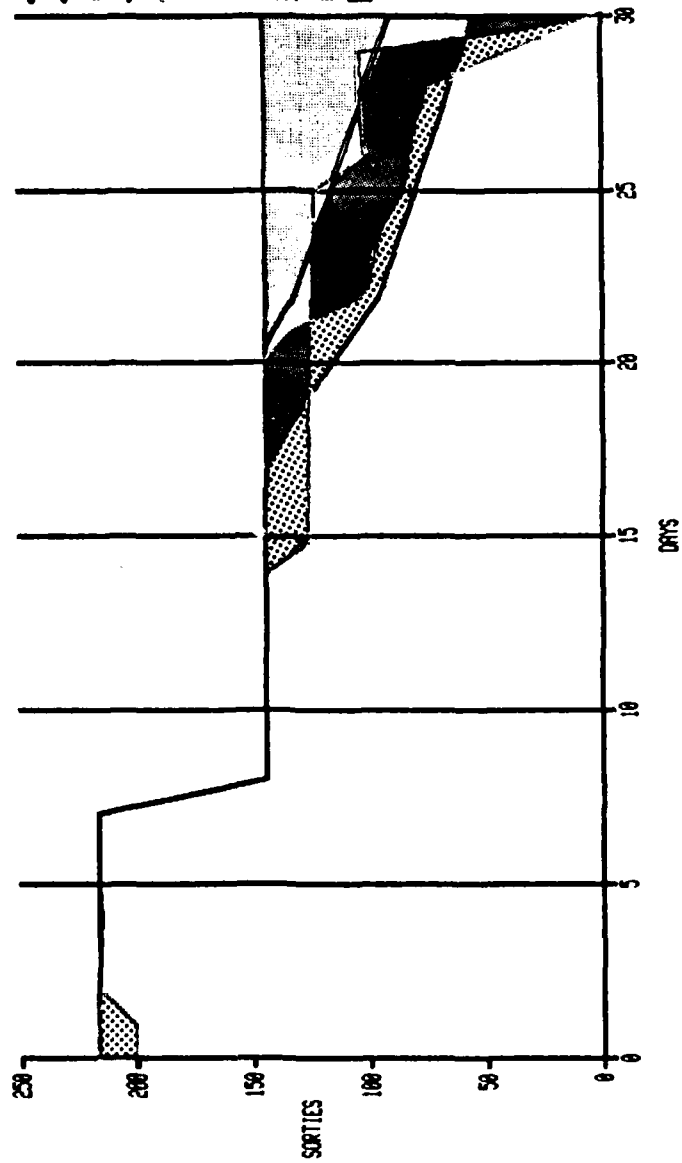
This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED
 INDIVIDUAL RESOURCE CAPABILITY
 52TFW F-4

SCREEN CURRENCY:
 19 JUN 1985, 165Z
 SCREEN DATA CURRENCY:
 070Z
 OLD: 19 JUN 1985, 165Z
 NEW: 19 JUN 1985, 165Z

TASKING:
 52TFW 00C

- TASKING
 - AIRCRAFT
 - AIRCREW
 - FUELS
 - MUNITIONS
- SHORTFALL OF:
- ▒ 1 RESOURCE
 - 2 RESOURCES
 - 3 RESOURCES
 - 4 RESOURCES



183Z

UNCLASSIFIED

19 Jun 85

DISPLAY
 PRINT
 SELECT

TOP
 MENU

PREVIOUS
 MENU

UPDATE
 SCREEN

SCREEN TITLE: INDIVIDUAL RESOURCE CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the tasking and relative capability of the unit's resources to support the tasking. The relative capability is displayed in an overlay format.

USERS:

PRIMARY: Wing Operations

SECONDARY: Tactical Fighter Squadrons, Munitions Control, Fuels Control

SCENARIO: (Reference baseline scenario.)

After reviewing the integrated capability of the resources to support the task, the user now wants to review the capability of the individual resources together on one display.

CLASSIFICATION:

This display is normally classified CONFIDENTIAL. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. The resource assessments can be computed in either of two modes: the resources constraining one another for integrated capability and unconstrained for this view.
- b. All assumptions applicable to the separate resource assessments also apply to this assessment.

DATA SOURCE:

The tasking and resource capability assessments are computed by AFIRMS using the data input by the user with the tasking and resource products previously described.

RELATED SCREENS:

Mission Profile Definition
Order Assignments
Wing Operations Rates
Wing Flying Day
Wing Resource Summary
Resupply Schedule
Integrated Capability
Base Fuels Capability
Munitions Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES:

Delete the Aircraft MD, Command Unit, and Wing Name parameters. They are not needed at the wing level.

DATA ELEMENTS:

Element Name	DRD #
Unit Mission	IC
Aircraft Unit Name	11A
Aircraft MDS	11C
Order Identification	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Unit Employment Day	56F
Unit Daily Sortie Task	56G
Unit Name	73A
Resource Type	73C
Unit Daily Resource Sortie Capability	73D

PARAMETER SELECTION SCREEN:

INDIVIDUAL RESOURCE CAPABILITY PARAMETER SCREEN		
ENVIRONMENT: PEACE	EXERCISE	CRISIS
		PAGE 1 of 1

1. ORDER IDENTIFICATION
2. FORECAST PERIOD
30
3. AIRCRAFT MD
FIGHTER
4. COMMAND UNIT
USAFE
5. WING NAME
ALL UNITS

Write in a value.

52TFW DOC							
DISPLAY PRODUCT			RETURN TO TOP MENU	HELP			↑
KEY # 1	2	3	4	5	6	7	8

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD		SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15	16

2ND ARRAY OF PARAMETER SCREEN KEYS



BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

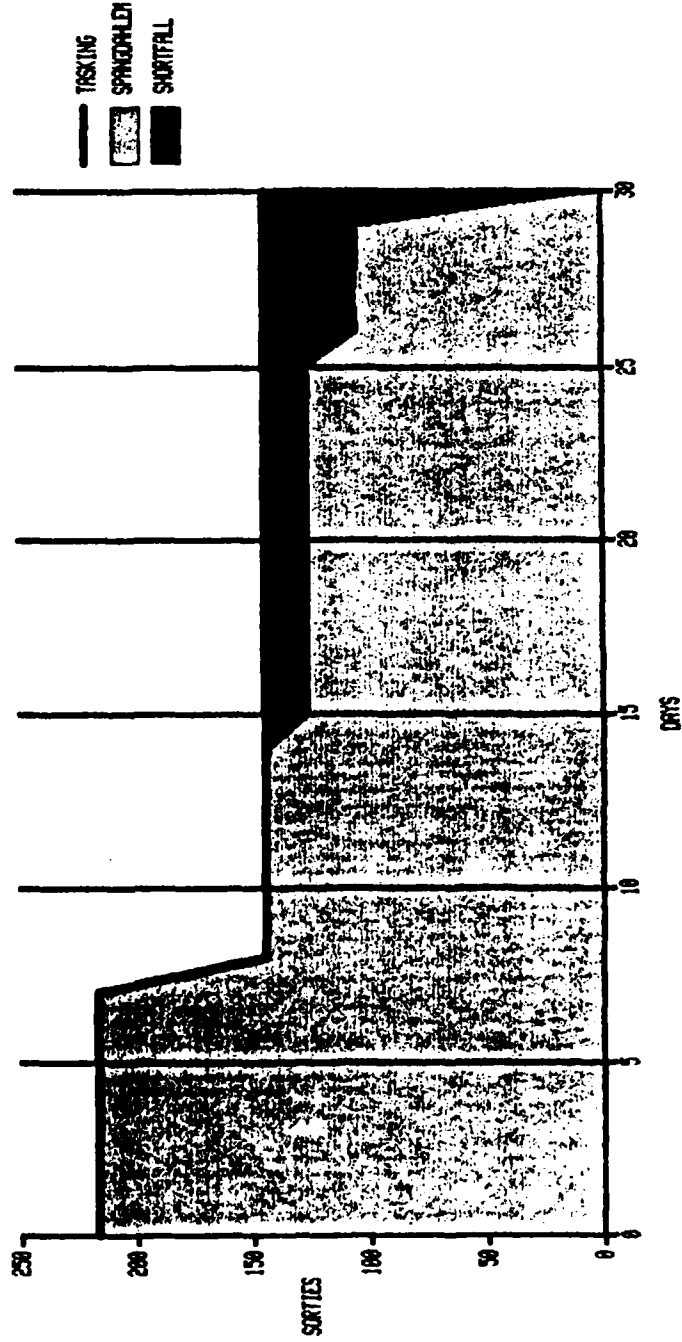


UNCLASSIFIED BASE FUELS CAPABILITY

JP-4

TRKING:
SEITH DOC

SCREEN CURRENCY:
14 JUN 1985 1142Z
SCREEN DATH CURRENCY:
DLO: 0112
HEB: 14 JUN 1985 1132Z



1442

UNCLASSIFIED

14 Jun 85

COPY
PAGE
SELECT

TIP MENU

PREVIOUS MENU

UPDATE SCREEN

10/11-180

SCREEN TITLE: BASE FUELS CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the capability of the base fuels resource to support the wing's task.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Fuels Control

SCENARIO: (Reference baseline scenario.)

The user has reviewed the capabilities of the resources individually and together (reference the Integrated Capability product.) The user now wishes to review the capability of the base fuels resource alone.

CLASSIFICATION:

This display is normally classified CONFIDENTIAL. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. No damage to the base receiving and storage facilities including the pipeline. Also, no damage to the refueling facilities nor attrition of equipment or personnel.
- b. NATO Stage A cross-servicing and civilian fuel stocks are not considered.
- c. Sortie duration and fuel consumption are specified by the tasking and are changeable for what-if queries.
- d. Aircraft air aborts and weather attrition are not considered.

DATA SOURCE:

The tasking and base fuels capability assessments are computed by AFIRMS using the data input by the user with the tasking and resource products previously described.

RELATED SCREENS:

Mission Profile Definition
Order Assignments
Wing Operations Rates
Wing Flying Day
Wing Resource Summary
Resupply Schedule
Integrated Capability
Individual Resource Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Standard line graph

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES:

- a. The product must tell the user whether fuels were resupplied for this capability assessment.
- b. Delete the Command Unit and Base Name parameters. They are not needed at the wing level.

DATA ELEMENTS:

Element Name DRD #

Unit Mission IC
 Order Identifier 54A
 Order Date 54E
 Order Change Number 54G
 Order Classification 54K
 Base Name 56E
 Unit Employment Day 56F
 Unit Name For Tasked Unit 73A
 Resource Type Supporting Unit Task 73C
 Unit Daily Resource Sortie Capability 73D

PARAMETER SELECTION SCREEN:

BASE FUELS CAPABILITY PARAMETER SCREEN			
ENVIRONMENT: PEACE	EXERCISE	CRISIS	PAGE 1 of 1
<p><input type="checkbox"/> 1. ORDER IDENTIFICATION</p> <p>2. FUELS TYPE JP-4</p> <p>3. FORECAST PERIOD 30</p> <p>4. COMMAND UNIT USAF</p> <p>5. UNIT MISSION FIGHTER</p> <p>6. BASE NAME SPANGDAHLEM</p> <p>52TFW DOC</p>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	↑	→	↵

Write in a value.

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
←	↶	→	↷	✖	↵

KEY # 9 10 11 12 13 14 15 16

2ND ARRAY OF PARAMETER SCREEN KEYS



BLACK-AND-WHITE TABULAR VERSION:

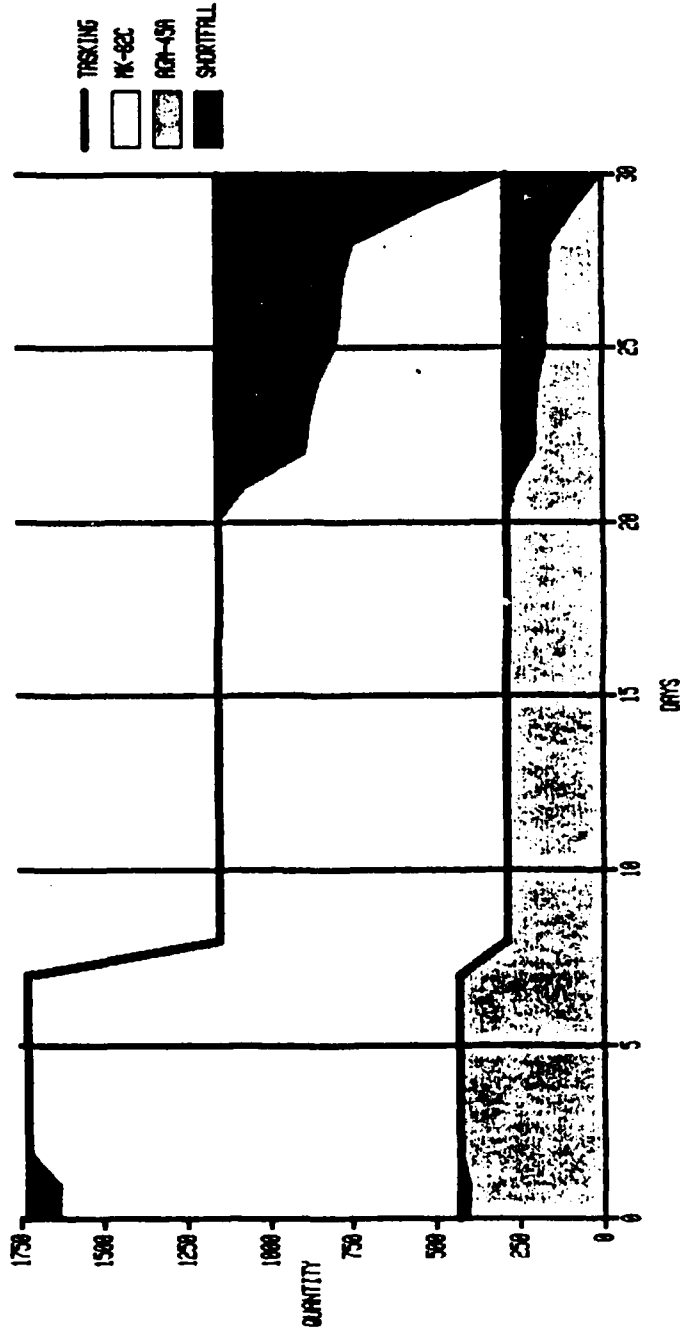
This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED MUNITIONS CAPABILITY

52TFW

SCREEN CURRENCY:
19 JUN 1985, 1100Z
SCREEN DATA CURRENCY:
DLO: DTGZ
HEJ: 19 JUN 1985, 0907Z

TASKING:
52TFW DOC



UNCLASSIFIED

1500Z

19 Jun 85

DISPLAY
PAGE
SELECT

TOP
MENU

PREVIOUS
MENU

UPDATE
SCREEN

SCREEN TITLE: MUNITIONS CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the capability of the wing's munitions resource to support the wing task over time.

USERS:

PRIMARY: Wing Operations

SUPPORTING: Munitions Control

SCENARIO: (Reference baseline scenario.)

The user has reviewed the capabilities of the resources individually and together (reference the Integrated Capability product) integrated. The user now wants to review the capability of the tasked munitions.

CLASSIFICATION:

This display is normally classified CONFIDENTIAL. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. The munition buildup uses a standard dictionary with the priority of buildup decided by the Operations staff.
- b. Other munitions can be substituted for the preferred munition according to alternate SCL priority established by the Operations staff.
- c. Munitions capability is not constrained by aircrew qualifications (that would be an aircrew shortfall). It is constrained by munitions assembly, distribution, and loading factors.
- d. The product includes only current base inventories plus theatre supplies as described / the Resupply Schedule product.
- e. Only complete "whole-up" munition rounds are used in the assessment.

DATA SOURCE:

The tasking and munitions capability assessments are computed by AFIRMS using the data input by the user with the tasking and resource products previously described.

RELATED SCREENS:

- Mission Profile Definition
- Order Assignments
- Wing Operations Rates
- Wing Flying Day
- Wing Resource Summary
- Resupply Schedule
- Integrated Capability
- Individual Resource Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES:

- a. The product must tell the user whether munitions were resupplied for this capability assessment.
- b. The product must tell the user whether munitions substitution was used in the assessment.
- c. Delete the Command Unit parameter. It is not needed at the wing level.

DATA ELEMENTS:

Element Name	DRD #
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Tasked Unit Name	56A
Unit Employment Day	56F
Resource Type Supporting Unit Task	73C
Unit Daily Resource Quantity Capable	73F
Unit Daily Resource Amount Tasked	73L

PARAMETER SELECTION SCREEN:

MUNITIONS CAPABILITY PARAMETER SCREEN									
ENVIRONMENT : PEACE			EXERCISE			CRISIS			PAGE 1 of 1
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1. ORDER IDENTIFICATION</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>2. MUNITION TYPES MK-20 MK-82C MK-82R CBU-58</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>3. FORECAST PERIOD 30</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>4. COMMAND UNIT USAFE</p> </div> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto; text-align: center; vertical-align: middle;"> <p>Write in a value.</p> </div>									
52TFW DOC									
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑	8	7	6	5	4

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
---	--------------	---------	--------------	--------------------	--------------------	-------------------

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16
---------	----	----	----	----	----	----	----



BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.





SCREEN TITLE: PROCESS STATUS

SCREEN NUMBER: WG.SPT. .T

SCREEN PURPOSE:

Display the job status of the AFIRMS functions requested, i.e., the SGM, Wing Resource Rollup, Base and Unit Status Rollup, Transmit Wing Resource Rollup, Transmit Base Status Rollup, and Transmit Unit Status Rollup.

USERS:

PRIMARY: Wing Operations (WOC Battle Staff in exercises)
SUPPORTING: Tactical Fighter Squadrons, Munitions Control, Fuels Control

SCENARIO: (Reference baseline scenario.)

The user has executed the SGM or is rolling up the resource data and is monitoring the status of the spawned batch job. (In an exercise, the additional functions of transmitting the status reports on resources, base, and unit would be monitored.)

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The AFIRMS system provides the data.

RELATED SCREENS:

OPLAN/OPORD Associations

DISPLAY SCREEN FEATURES: (Product Display Screen Features, page 3-8.)

Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-11, and 15.

RECOMMENDED CHANGES:

- a. A function needed with this product is the ability to cancel/kill a spawned job or request.
- b. Delete the Operating Site parameter.

DATA ELEMENTS:

Element Name

DRD #

Element Name

DRD #

User Name
 Operating Site Name
 Terminal ID
 Transaction ID
 Function Name
 Association Label
 Job Start DTG
 Job Finish DTG

Job Run Status
 Job Status Completion Code
 Error Message

PARAMETER SELECTION SCREEN:

PROCESS STATUS PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1
<p>1. FUNCTION ALL FUNCTIONS</p> <p>2. ASSOCIATION LABEL ALL LABELS</p> <p><input checked="" type="checkbox"/> 3. OPERATING SITE ALL</p> <p>4. USER NAME ALL USERS</p>									
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> Choose a minimum of 1 value and a maximum of 1. ALL SPAN RAMS PENT </div>									
DISPLAY PRODUCT		RETURN TO TOP MENU		RETURN PREVIOUS MENU		HELP		↑	
KEY # 1	2	3	4	5	6	7	8		
1ST ARRAY OF PARAMETER SCREEN KEYS									
PAGE REVERSE		FULL PG HALF PG		PAGE FORWARD		SELECT PARAM VALUE		DELETE PARAM VALUE	
←		ENTER PARAM VALUE		12		13		14	
KEY # 9	10	11	12	13	14	15	16		
2ND ARRAY OF PARAMETER SCREEN KEYS									

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 24 MAY 1965, 1258Z
 OLD: 076
 NEW: 23 MAY 1965, 1538Z

UNCLASSIFIED
 PROCESS STATUS
 RECORDED IN RECORDING JOB

USER	SITE/TERMINAL	TIME	FUNCTION	ASSOCIATION LABEL	STATUS	COMPLETION	MESSAGE
BRYANT	SP711701	1631	SORTIE GEN MODEL	OPLAN 4448	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	2421		OPLAN 4448	SEARCHED		-111 - DESEC prt-Cor 42
	1707	4241		OPLAN 4442	SEARCHED		41046E Fetch Error on Query 451
	1707	4641		OPLAN 4442	SEARCHED		
JOENAS	SP811704	2461	SORTIE GEN MODEL	TEST345	ABORTED		01046E/SYSTEM CHANGED
JOVELL	SP711704	3013	16-10-READINESS	DOLLARS TEST	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	5812		DOLLARS TEST2	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	6204		DOLLARS310	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	6304		DOLLARS315	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	6321		DOLLARS320	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	6351		DOLLARS440	COMPLETE		01 REQUESTED SERVICE COMPLETE

PAGE 1 OF 4

24 May 65

UNCLASSIFIED

1258Z

SCREEN 1 OF 2

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
INMAP	INCL (TAB)	MENU	MENU	SCREEN
SELECT	TOGGLE	((((-)

SCREEN: 24 MAY 1965, 1258Z
 OLD: 076
 NEW: 23 MAY 1965, 1538Z

UNCLASSIFIED
 PROCESS STATUS
 RECORDED IN RECORDING JOB

USER	SITE/TERMINAL	TIME	FUNCTION	ASSOCIATION LABEL	STATUS	COMPLETION	MESSAGE
BRYANT	SP711701	1631	SORTIE GEN MODEL	OPLAN 4448	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	2421		OPLAN 4448	SEARCHED		-111 - DESEC prt-Cor 42
	1707	4241		OPLAN 4442	SEARCHED		41046E Fetch Error on Query 451
	1707	4641		OPLAN 4442	SEARCHED		
JOENAS	SP811704	2461	SORTIE GEN MODEL	TEST345	ABORTED		01046E/SYSTEM CHANGED
JOVELL	SP711704	3013	16-10-READINESS	DOLLARS TEST	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	5812		DOLLARS TEST2	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	6204		DOLLARS310	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	6304		DOLLARS315	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	6321		DOLLARS320	COMPLETE		01 REQUESTED SERVICE COMPLETE
	1704	6351		DOLLARS440	COMPLETE		01 REQUESTED SERVICE COMPLETE

PAGE 1 OF 4

24 May 65

UNCLASSIFIED

1258Z

SCREEN 2 OF 2

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
INMAP	INCL (TAB)	MENU	MENU	SCREEN
SELECT	TOGGLE	((((-)

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10/11-192

SECTION 3. ALPHABETICAL INDEX

SCREEN TITLE	SCREEN NUMBER	PAGE NUMBER
AGE Availability Status	WG.STAT. .T	10/11-76
AGE Support Capability	WG.CAP. .G	10/11-74
Aircraft Availability	WG.STAT. .G	10/11-28
Aircraft Availability (Pie Version)	WG.STAT. .G	10/11-32
Aircraft Capability	WG.CAP. .G	10/11-24
Aircraft Status	WG.STAT. .T	10/11-80
Aircraft Tasking	WG.TASK. .G	10/11-168
Aircraft Availability	WG.STAT. .G	10/11-44
Aircrew Capability	WG.CAP. .G	10/11-36
Aircrew Availability	WG.CAP. .G	10/11-40
Aircrew Generation	WG.CAP. .G	10/11-88
Aircrew Status	WG.STAT. .T	10/11-88
Airfield Status	WG.STAT. .G	10/11-128
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Flying Schedule (Operations)	WG.CAP. .T	10/11-110
Fuels Capability	WG.CAP. .G	10/11-50
Fuels Status	WG.STAT. .T	10/11-92
Fuels Status Map	WG.STAT. .G	10/11-132
Individual Resource Capability	WG.CAP. .G	10/11-176
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Maintenance Support Schedule	WG.CAP. .G	10/11-106
Mass Load Generation Schedule	WG.TASK. .T	10/11-12
Mission Flow	WG.TASK. .G	10/11-12
Mission Flow (Schedule Variation)	WG.TASK. .G	10/11-108
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Mission Flow	WG.TASK. .G	10/11-18
Munitions A and D Availability	WG.STAT. .T	10/11-68
Munitions Assembly Capability	WG.CAP. .G	10/11-64
Munitions Availability Forecast	WG.STAT. .G	10/11-102
Munitions Capability	WG.CAP. .G	10/11-184
Munitions Capability (ATO Version)	WG.CAP. .G	10/11-58
Munitions Distribution Capability	WG.CAP. .G	10/11-62
Munitions Load Capability	WG.CAP. .G	10/11-60
Munitions Load Crew Flow	WG.CAP. .G	10/11-66
Munitions Load Crew Status	WG.STAT. .T	10/11-96
Munitions Status	WG.STAT. .T	10/11-98
OPPLAN/OPORD Associations	WG.TASK. .T	10/11-164
Order Assignments	WG.TASK. .T	10/11-144
Press Status	WG.SPT. .T	10/11-188
Refuel Capability	WG.CAP. .G	10/11-52
Refueling Truck Flow	WG.CAP. .G	10/11-54
Resupply Schedule	WG.STAT. .T	10/11-160
Single Aircraft Summary	WG.STAT. .G	10/11-122
Supply MICAP Status	WG.STAT. .T	10/11-84

Section 3 Alphabetical Index (Continued)

<u>SCREEN TITLE</u>	<u>SCREEN NUMBER</u>	<u>PAGE NUMBER</u>
Task Capability	WG.CAP. .G	10/11-22
Tasked Missions	WG.TASK. .G	10/11-8
Tasked Munitions	WG.TASK. .G	10/11-14
Tasking Information	WG.TASK. .T	10/11-4
War Mobilization Plan	WG.TASK. .T	10/11-136
Wing Flying Day	WG.TASK. .T	10/11-152
Wing Operations Rates	WG.TASK. .T	10/11-148
Wing Resource Summary	WG.STAT. .T	10/11-156

ANNEX 10. UNITED STATES AIR FORCES, EUROPE SUPPORT PRODUCTS

The products in this annex support Headquarters, United States Air Forces, Europe (HQ USAFE), the three Numbered Air Forces (3rd, 16th, and 17th) and the many wings in USAFE in exercise, crisis, or peacetime normal day-to-day activities. Part I of this annex contains HQ USAFE products and Part II contains products supporting the 52nd Tactical Fighter Wing (TFW). As other wings are added, additional parts will be added -- one part for each wing.

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ANNEX 10, PART 1. HQ USAF PRODUCTS

SECTION 1. USAF OPERATIONS SUPPORT CENTER (OSC) PRODUCTS

USAF OSC support products contained in this section support the Contingency Support Staff (CSS) activities of:

- 1.1 Translate and Review Tasking Requirements
- 1.2 Determine Unit Resource Capability
- 1.3 Determine Unit/Base Resource Status

The CSS receives operational and functional area reports from the combat units and support bases on munitions, fuels, spares, maintenance, base status, aircrew and aircraft status and location, etc. The CSS arranges/coordinates theatre resupply of expended/attrited/shortfall resources and/or units. Data from the units and bases are entered into the HQ USAF AFIRMS in one of three ways: (1) by the unit's AFIRMS, (2) through interfaces with other automated systems, and (3) by the CSS itself.

It is assumed that the CSS has developed an Operations Plan (OPLAN) or Operations Order (OPORD) in support of a Joint Chiefs of Staff (JCS) directive (including closely-held ones) and the CSS is reviewing unit and theatre resources and the OPLAN tasking for feasibility. (USAF's different roles in North Atlantic Treaty Organization (NATO) and non-NATO scenarios are noted. For a NATO scenario, it is assumed that NATO is giving HQ USAF the planned tasking.)

SECTION 2. USAF STAFF SUPPORT PRODUCTS

The products in this section support the USAF Staff during its normal peacetime day-to-day activities. Since a major objective of AFIRMS is to provide a capability for the USAF Staff to connect budget dollars to force readiness, the focus of the products is on the Air Force Program Objective Memorandum (POM) process. To that end, the Translate Tasking (Section 1.1) and Capability Assessment (Section 1.2) products are used to determine where the priorities should be for the POM resources, i.e., which resources are the most limiting on the Air Force's combat capabilities.

The function of the Dollar to Readiness products is to help the user to determine how the resource(s) and dollars should be traded off to provide the desired and/or affordable improvement in readiness. The two products on munitions substitution have a different purpose. They don't directly show the dollar effect on readiness but they do show the resource impact of using less effective munitions as a substitute for preferred munitions. Indirectly, of course, this resource impact does have a dollars effect on readiness. The next-to-last product represents another objective of AFIRMS: to historically relate force readiness and capability. The controversy that arose in 1984 over the 1984 versus the 1980 unit readiness using the service C-ratings is not soon forgotten. The last product is an administrative product to tell the user the status of the batch processes spawned by the Sortie Generation and Dollars To Readiness models, i.e., executing, complete, or aborted.

The products in Section 1 can assist the USAF Staff in other peacetime duties. OPLAN assessments are a big concern to XPX, DOX, DOJ, LGX, and LRC. Mission Area Analysis is always a big interest. And, of course, assessment of unit Designed Operational Capability (DOC) statements is a valuable tool for USAF/DOC and the functional areas. War Readiness Material (WRM) assessments for adequacy and assistance in resource allocation also come to mind.

If review of these products suggests other uses, please pass them on to AF/XOOIM or SofTech.

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344 51

1.1 Translate and Review Tasking Requirements Products

The first three products in this Section provide a "bird's-eye" view of the task requirements and aid the user to understand the scope of the task. The rest of the products assist the user in translating a general task into specific unit tasks which, in turn, are used by AFIRMS to compute those "bird's-eye" views of the task.

SCREEN TITLE

Mission Tasking
Aircraft Tasking
Mission Tasking Detail Summary
War Mobilization Plan
Mission Profile Definition
Order Assignments
Wing Flying Day
Wing Operations Rates
Resupply Schedule
Munitions Tasking [Planned; not included]
Wing Tasking [Planned; not included]

The purpose of the tasking products is to give the user several different graphic views of the task, e.g., functional or resource, mission, location, or combinations. It is sometimes difficult to grasp the size of a task from a written order. A sample task might be: for the 23rd TFS at Spangdahlem to fly for 30 days with a 2.6 Ute rate for the first 5 days and a 1.5 utilization or Ute rate for the next 25 days. Also, 50% of the sorties will be Offensive Counter Air; 25%, Defense Suppression; 25%, Interdiction. (The 23rd TFS PAA is 16 F-4E and 8 F-4G.) Munitions loads will be ... etc. That task could be rapidly sized with pencil and paper; however, increase the scope of the task to 10, 25, 50, or 150 squadrons and it becomes very difficult to completely comprehend the whole task.

The screens in this section are interrelated because the data about the task is interrelated. For example, take the case of an F-16A tasked for an interdiction mission with the Durandal munition. Changing the aircraft to an F-4E will change not only the aircraft tasking for F-16s and F-4Es, but also the fuels tasking, because of the different consumption rates of the two aircraft. Additionally, the munitions tasking may change because the F-4E may not be able to carry a Durandal. The point is that changing the data, after reviewing a screen such as the Mission Tasking Detail Summary, will also change the other screens.

It is very desirable to do "what-if" queries by changing the tasking data; however, the user must be aware that changing the data will impact other readiness factors.

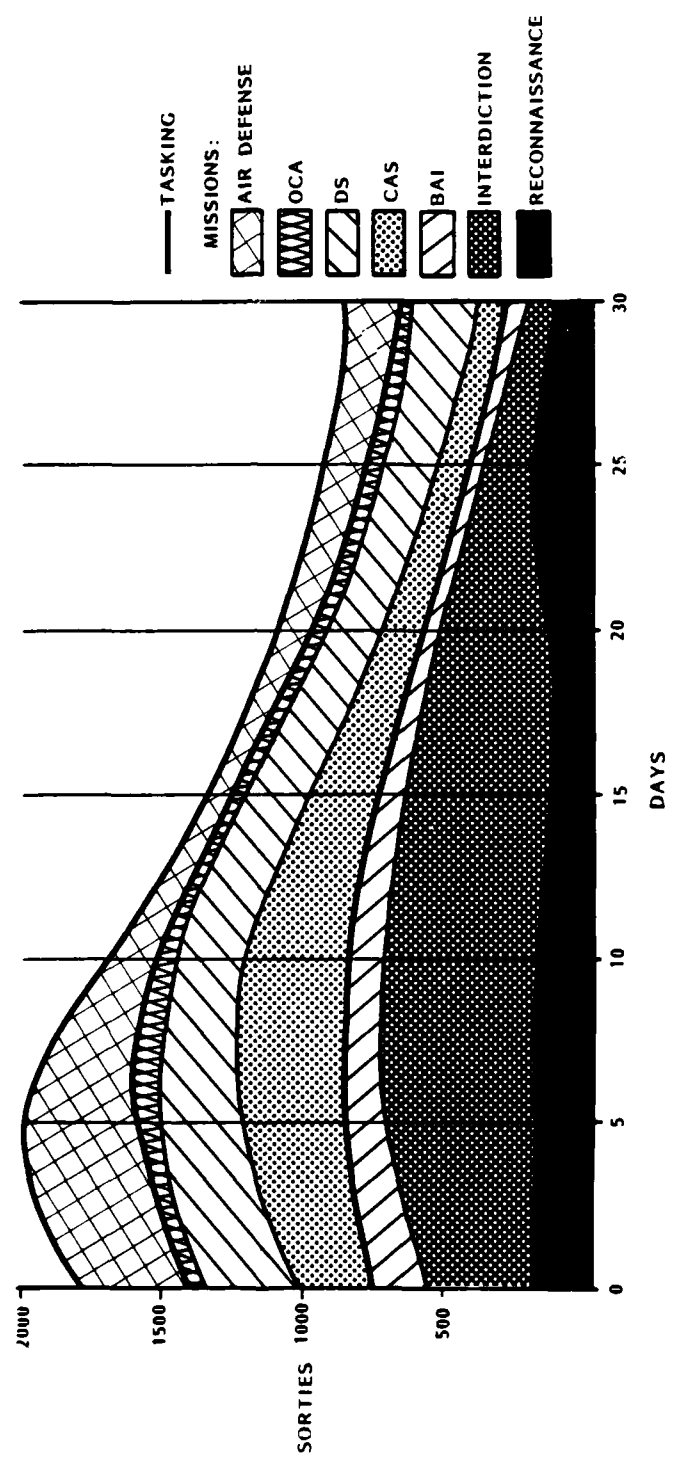
The tasking screens also affect the capability screens in the next Section (1.2). If the unit(s)/task force/MAJCOM capability has been computed, changing the tasking after that computation will necessitate recomputing the capability screens.

A final comment: the products that translate the task into specific tasking, i.e., Mission Profile Definition, Order Assignments, Wing Flying Day, and Wing Operations Rates, have several recommended/suggested changes listed. The changes recommended are not an exhaustive list. The LPP did not permit the development of an operational system. Therefore, further analysis will be needed to develop an operational version of the Sortie Generation Model and the Translate Tasking Module. It is expected that more Translate Tasking products will be needed for the operational system.

TASKING: CHANGE 2
 OPORD 1000, 14 AUG 83

CLASSIFICATION MISSION TASKING CENTRAL REGION: FIGHTER/RECCE

SCREEN CURRENCY:
 DTG
 SCREEN DATA CURRENCY:
 DTG
 DTG



SCREEN ID NO.:

07002

CLASSIFICATION

28 JUL 83

10/1-4

SCREEN TITLE: MISSION TASKING

SCREEN NUMBER: MAJ.TASK. .G

SCREEN PURPOSE:

Display the aggregate distribution trends of tasked sorties across multiple missions by day.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

The Battle Staff is reviewing a USAFE OPLAN or OPORD (perhaps for a JCS close-hold task). The CSS wants to review the first 30 days of the aggregate Central Region mission tasking.

CLASSIFICATION:

The normal classification is expected to be SECRET, though it could be TOP SECRET if the OPLAN's security instructions require it. However, if the task is a "what-if" exercise, it could be UNCLASSIFIED. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. The Air Force is using standard acronyms for the missions, i.e., BAI for Battlefield Air Interdiction.
- b. The sortie data may be (1) objective sortie rates for an OPLAN or a what-if query, (2) standard rates from the War Mobilization Plan (W/M/P) or unit Designed Operational Capability (DOC) statements, or (3) lump sum sorties per day per mission.
- c. Task data has been entered and units tasked.

DATA SOURCE:

The mission data is computed from unit tasking data that a user has input and assigned to units. The unit names, unit Mission Design Series (MDS), Primary Aircraft Authorization (PAA), sortie rates and duration, and employment dates and locations may be obtained from a war plan through an interface with Contingency Operations/Mobility Planning and Execution System (COMPES). If the data is not obtained from another system, it must be input by an AFIRMS user.

RELATED SCREENS:

Aircraft Tasking
Mission Tasking Detail Summary
Order Assignments
Wing Operations Rates
Munitions Tasking [Planned; not included]
Wing Tasking [Planned; not included]
Tabular versions of all except Tasking Detail Summary

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3, 4, 5, 6, and 7

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

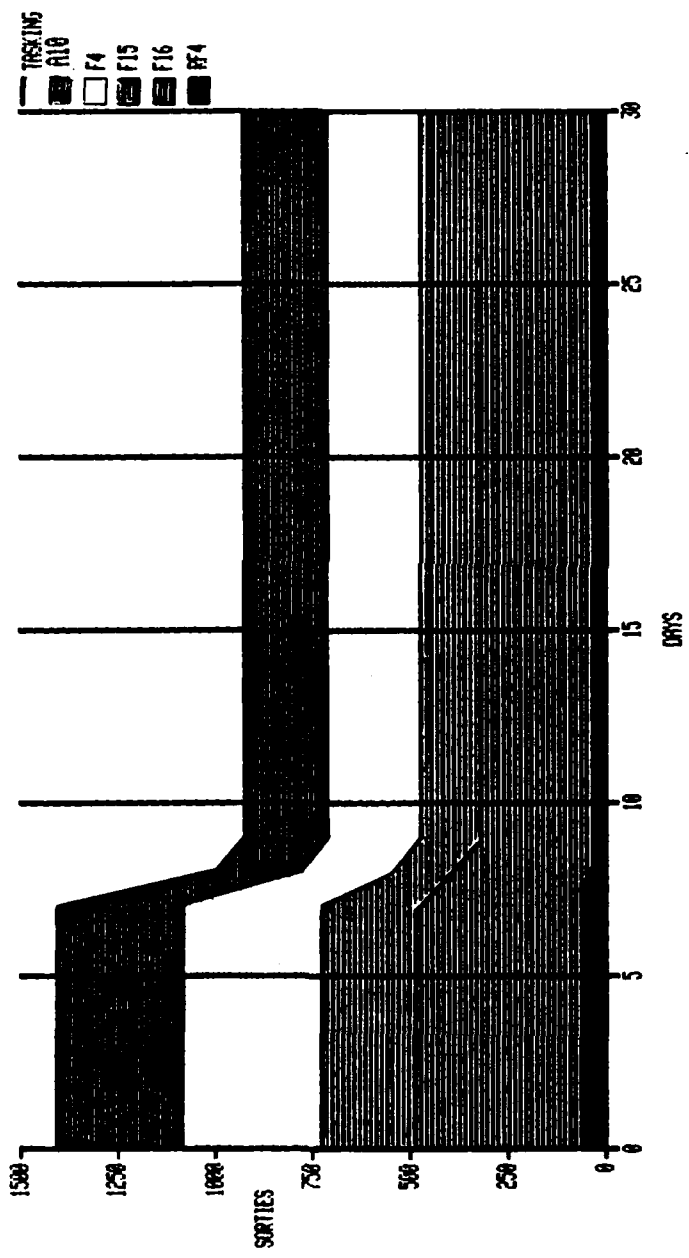
This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED
AIRCRAFT TASKING

SCREEN ORIGIN:
4 OCT 1984, 1534Z
SCREEN DATA CLASSIFY:
TLD: 010Z
REV: 13 JUL 1984, 1520Z

TASKING:
0F00 4000, 02-JUL-84

USAF FIGHTER RECORD



UNCLASSIFIED

04 OCT 94

1982

DISPLAY PROGRAM SELECT

HARD COPY

TOP MENU

PREVIOUS MENU

UPDATE SCREEN

SCREEN TITLE: AIRCRAFT TASKING

SCREEN NUMBER: MAJ.TASK. .G

SCREEN PURPOSE:

Display the aggregate distribution trends of tasked sorties for several aircraft Mission Designs (MDs) by day.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

The Battle Staff is reviewing a USAFE OPLAN or OPORD and, having reviewed the mission tasking, now desires to review the aggregate USAFE tasking by aircraft MD.

CLASSIFICATION:

The normal classification is expected to be SECRET, though it could be TOP SECRET if the OPLAN's security instructions require it. However, if the task is a "what-if" exercise, it can be UNCLASSIFIED. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. Task data has been entered and units tasked.
- b. The sortie rates may be (1) objective sortie rates from an OPLAN or a what-if query, (2) standard rates from the WMP or unit DOCs, or (3) lump sum sorties per day.
- c. Though the tasking is specific to the unit's MDS (e.g., F-4E, F-4C, F-15A, F-15B, etc.) the tasking is grouped by the aircraft MD (e.g., F-4, F-15) for viewing purposes.

DATA SOURCE:

The mission data is computed from unit tasking data that a user has input. Some of the data may be obtained through an interface with COMPES. If the data is not obtained from another system, it must be input by an AFIRMS user.

RELATED SCREENS:

Mission Tasking
Mission Tasking Detail Summary
Order Assignments
Wing Operations Rates
Munitions Tasking [Planned; not included]
Wing Tasking [Planned; not included]
Tabular versions of all except Tasking Detail Summary
DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3, 4, 5, 6, and 7

RECOMMENDED CHANGES:

The legend order of display must be shown in the same order as the graph.

DATA ELEMENTS:

Element Name	DRD #
Order Identification	54A
Order Date	54E
Order Classification	54K
Tasked Unit Name	56A
Order Identification For Tasked Unit	71A
Task Period Start From Day	71B
Task Period End To Day	71C
Resource Type Needed For Total Order	71D
Resource Qty Needed For Total Order	71E

PARAMETER SELECTION SCREEN:

AIRCRAFT TASKING PARAMETER SCREEN							
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1			
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1. ORDER IDENTIFICATION</p> </div> <p>2. FORECAST PERIOD IN DAYS 30</p> <p>3. AIRCRAFT MD FIGHTER/RECCE</p> <p>4. COMMAND UNIT USAFE</p> <p style="text-align: center;">OPORD 4000</p> <div style="border: 1px solid black; width: 150px; height: 80px; margin: 10px auto; text-align: center; vertical-align: middle;"> <p>Write in a value.</p> </div>							
DISPLAY PRODUCT		RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP			↑

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY #	1	2	3	4	5	6	7	8
PAGE REVERSE	←							
		FULL PG	PAGE FORWARD					
DELETE PARAM VALUE								
ENTER PARAM VALUE								

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY #	9	10	11	12	13	14	15	16

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

SCREEN CURRENCY:
DTG
SCREEN DATA CURRENCY:
DTG
DTG
DTG

CLASSIFICATION
MISSION TASKING DETAIL SUMMARY
CENTRAL REGION: FIGHTER/RECCE
DAY 2

TASKING:
OPORD 4000, 18 JUL 83

MDS	COUNTER-AIR		DEFENSE SUPPRESS	AIR SUPPORT		INTER-DICTION	RECCE	TOTAL
	AIR DEF	OCA		CAS	BAI			
A 10A				240				240
F 4C					164			164
F 4D					90			90
F 4E		56	16			56		128
F 4G			48					48
F 15C	410	88						498
F 16A		120			180	175		475
F 111						195		195
RF-4C							140	140
TOTALS	410	264	64	240	434	426	140	1978

SCREEN ID NO.

0700Z

CLASSIFICATION

20 JUL 83

10/1-10

SCREEN TITLE: MISSION TASKING DETAIL SUMMARY

SCREEN NUMBER: MAJ.TASK. .T

SCREEN PURPOSE:

Display the detailed summary information for the tasked missions and aircraft.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

The Battle Staff has reviewed the aggregate distribution of tasked sorties by mission and aircraft. The Battle Staff now wants to see the specifics of a one-day slice of the multi-day task (it could be the total Air Tasking Order).

CLASSIFICATION:

The normal classification is expected to be SECRET, though it could range from UNCLASSIFIED to TOP SECRET depending on the task's classification instructions. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. The task has been entered and units tasked.
- b. The sortie data is computed from objective or standard sortie rates or is input in lump sum sorties per day per unit.
- c. The tasking is specific to the unit's MDS and is also viewed here by MDS even though it was grouped by MD for the Aircraft Tasking screen.

DATA SOURCE:

The tasking data is computed from unit tasking data that a user has input. Some of the data may be obtained through an interface with COMPEs. If the data is not obtained from another system, it must be input by an AFIRMS user.

RELATED SCREENS:

Aircraft Tasking
Mission Tasking
Order Assignments
Wing Operations Rates
Munitions Tasking [Planned; not included]
Wing Tasking [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Line Highlighter
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 3, 4, 5, 6, and 7

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

SCREEN CURRENCY:
15 MAY 1985, 182Z
SCREEN DATA CURRENCY:
010Z
VOL: 24 JAN 1985, 152Z

UNCLASSIFIED
WAR MOBILIZATION PLAN
VOL 5 - EXTRACT

TASKING:
TESTACTUAL 24 JAN 1985

WMP LABEL	SEGMENT DAY FROM TO	SORTIES PER DAY PER A/C MD	RATE	SORTIE DURATION
TESTACTUAL	0 6	A-10	2.7	1.5
		A-7	2.7	1.5
		EF-111	1.3	2.5
		F-111	1.3	2.5
		F-15	2.4	1.3
		F-16	2.8	1.3
		F-4	2.8	1.3
		RF-4	2.6	1.5
TESTACTUAL	7 29	A-10	1.2	1.5
		A-7	1.2	1.5
		EF-111	1	2.5
		F-111	1	2.5
		F-15	1.2	1.3
		F-16	1.2	1.3
		F-4	1.2	1.3
		RF-4	1.2	1.5
TESTACTUAL	30 365	A-10	1	1.5
		A-7	1	1.5
		EF-111	.7	2.5
		F-111	.7	2.5
		F-15	1	1.3
		F-16	1	1.3
		F-4	1	1.3

182Z

UNCLASSIFIED

15 May 85

PAGE 1 OF 2

PAGE REV
 HLF PG
 PAGE FND
 CHANGE WPSSG DATA
 NO WP SECRET
 DELETE WP SECRET

SCREEN TITLE: WAR MOBILIZATION PLAN

SCREEN NUMBER: MAJ.TASK. .T

SCREEN PURPOSE:

Display the War Mobilization Plan (WMP) Volume 3 planning factors.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

The CSS is reviewing the War Mobilization Plan (WMP) planning factors used in building the task/OPORD.

CLASSIFICATION:

Normally this screen will be classified SECRET. However, "what-if" versions may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

The sortie rates and duration will be the same for all units with the same MDS.

DATA SOURCE:

The data for this task may be input by the user, transmitted to HQ USAF by HQ USAF via AFIRMS, or obtained by an interface to COMPES.

RELATED SCREENS:

Order Assignments
Wing Flying Day

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, and 26.

RECOMMENDED CHANGES:

Use aircraft MDS versus MD.

DATA ELEMENTS:

Element Name

- Order Identification
- Order Date
- Order Change Number
- Order Classification
- Task Period Start Day
- Task Period End Day
- Resource Type Required
- Aircraft Sortie Rate
- Sortie Duration

DRD #

- 54A
- 54E
- 54G
- 54K
- 71B
- 71C
- 71D
- 71F
- 71G

PARAMETER SELECTION SCREEN:

WAR MOBILIZATION PLAN PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
			PAGE 1 of 1
<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 10px;"> <p>Write in a value.</p> </div>			
TESTACTUAL			
1. WMP LABEL			
2. WMP SEGMENT FROM DAY ALL			
3. WMP MDS ALL			
DISPLAY PRODUCT			
		RETURN TO TOP MENU	
		RETURN PREVIOUS MENU	
		HELP	
			→

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD		SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
		HALF PG					

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16
---------	----	----	----	----	----	----	----

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 15 MAY 1985,1251Z
 OLD: DTG Z
 NEW: 24 JAN 1985,1523Z

UNCLASSIFIED
 WAR MOBILIZATION PLAN
 VOL 5 - EXTRACT

TASKING:
 TESTACTUAL

MP LABEL	SEGMENT	DAY	SORTIES PER DAY	PER A/C	RATE	DURATION	SORTIE
	FROM	TO	MO				
TESTACTUAL	10	16	A-10	2.7	2.7	1.5	
			A-7	2.7	2.7	1.5	
			EF-111	1.3	1.3	2.5	
			F-111	1.3	1.3	2.5	
			F-15	2.4	2.4	1.3	
			F-16	2.8	2.8	1.5	
			F-4	2.8	2.8	1.3	
			RF-4	2.6	2.6	1.5	
TESTACTUAL	17	29	A-10	1.2	1.2	1.5	
			A-7	1.2	1.2	1.5	
			EF-111	1	1	2.5	
			F-111	1	1	2.5	

PAGE 1 OF 2

15 May 85

UNCLASSIFIED

1251Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

UNCLASSIFIED
MISSION PROFILE DEFINITION

SCREEN CURRENCY: 29 APR 1985, 1452Z
 SCREEN DATA CURRENCY: 0102Z
 FILE: 29 JAN 1985, 1724Z

MISSION PROFILE LABEL	PERIOD		MISSION TYPE	MISSION PRIORITY	FUEL CONSUMED (GAL.)	SCL	SCL PRI
	FROM	TO					
TESTACTUAL	0	6	AD-F-15	1	2100	UF004Q1	1
						UF008Q12	
						UF001Q13	
						UF007Q14	
						UF005Q15	
						UF002Q16	
						UF003Q17	
						UF006Q18	
TESTACTUAL	0	6	AD-F-16	1	1200	UH001Q1	1
						UH002Q12	
TESTACTUAL	0	6	AD-F-4	1	2400	UE001Q1	1
						UE002Q12	
						UE003Q13	
TESTACTUAL	0	6	BAI-A-10	2	1000	UA103Q1	1
						UA101Q12	
						UA106Q13	
						UA109Q14	
TESTACTUAL	0	6	BAI-F-16	3	1200	UH104Q1	1
						UH103Q12	
						UH106Q13	
TESTACTUAL	0	6	BAI-F-4	3	2400	UE105Q1	1

1652Z

UNCLASSIFIED

29 Apr 85

PAGE 1 OF 9

PAGE REV
 PAGE FWD
 HALF PG
 CHANGE MISSION DATA
 ADD MISSION LINE
 DELETE MISSION LINE
 ERASE

SCREEN TITLE: MISSION PROFILE DEFINITION

SCREEN NUMBER: MAJ.TASK. .T

SCREEN PURPOSE:

Display the mission priorities and aircraft Standard Conventional Load (SCL) assignments for the respective time periods used in unit tasking and readiness assessments.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

Having reviewed the aircraft and mission tasking, the Battle Staff is reviewing the mission priorities and aircraft SCLs used by the missions in that tasking.

CLASSIFICATION:

This display will normally be classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

These assumptions may not suit everyone and the changes recommended below will relieve some of those concerns. As it stands, this product served its purpose for the LPP. For this PD, it serves as an example of a product needed to define the mission for the task.

- a. The Mission Priority is the same for all units flying a mission (with the aircraft MD).
- b. The user is familiar with all MDs and can accurately estimate the amount of fuel each MD will use. Inherent in this fuel calculation is the assumption that the sortie duration will be the same for all units and that the maximum unrefueled sortie length is not exceeded.
- c. SCL priority is the same for all units flying the mission (with the aircraft MD).
- d. Each sortie expends all of its munitions.

DATA SOURCE:

The data is input by the user or transmitted to HQ USAF by HQ USAF via AFIRMS.

RELATED SCREENS:

- Aircraft Tasking
- Mission Tasking
- Mission Tasking Detail Summary
- Order Assignments
- Resupply Schedule
- Wing Flying Day
- Wing Operations Rates
- Wing Resource Summary

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Mission Priority is a unit oriented priority and should be moved to Order Assignments.
- b. Fuel (gal.) should be removed as a usage input and calculated by the computer based on MDS, sortie duration, and mission. A screen will be needed to input and update this fuel usage table.
- c. Mission and MDS must be separate columns.
- d. An expenditure per sortie factor (EPSF) table must be added so the computer can compute the amount of munitions and aircraft tanks, racks, adapters, and pylons (TRAP) resources that are expended on each sortie. (The SCL is not completely expended on each sortie.)
- e. Aircraft and aircrew combat attrition rates (a function of mission, MDS, and time) should be added to this product. Other columns should be added for WMP combat attrition rates as a reference for the user (non-WMP rates may be used for "what-if" queries).

DATA ELEMENTS:

Element Name	DRD #
Resource Type Needed for Task	8A
Task Type Set Identifier	8B
Resource Priority	8D
Standard Quantity of Resource Needed	8E
Task Priority	9B
Task Period Start Day	9E
Task Period End Day	9F

PARAMETER SELECTION SCREEN:

MISSION PROFILE DEFINITION PARAMETER SCREEN				PAGE 1 of 1
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1. MISSION PROFILE LABEL</p> </div> <p>2. TASKING PERIOD START DAY ALL PERIODS</p> <p>3. MISSION TYPE ALL MISSIONS</p>				
TESTACTUAL				
DISPLAY PRODUCT		RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
				↑

Write in a value.

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD		DELETE PARAM VALUE	ENTER PARAM VALUE
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KEY # 9 10 11 12 13 14 15 16

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 30 MAY 1985,1040Z
 OLD: DTG Z
 NEW: 29 MAY 1985,1429Z

UNCLASSIFIED
 MISSION PROFILE DEFINITION

MISSION PROFILE LABEL	PERIOD FROM TO	MISSION TYPE	MISSION PRIORITY	FUEL CONSUMED (GAL.)	SCL	SCL PRI
TESTACTUAL	0 16	AD-F-15	1	12100	UF004Q1	1
					UF008Q2	
					UF001Q3	
					UF007Q4	
					UF005Q5	
					UF002Q6	
					UF003Q7	
					UF006Q8	
TESTACTUAL	0 16	AD-F-16	1	11200	UH001Q1	1
					UH002Q2	
TESTACTUAL	0 16	AD-F-4	1	12400	UE001Q1	1

PAGE 1 OF 18

30 May 85

UNCLASSIFIED

1040Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

SCREEN CURRENCY:
 1 MAY 1985, 0942Z
 SCREEN DATA CURRENCY:
 0102
 REV: 30 APR 1985, 2039Z

TASKING:
 TESTACTUAL 30 APR 1985

UNCLASSIFIED ORDER ASSIGNMENTS

ATO LABEL	PERIOD		WING ID	TOTAL WMP SORTIES PER DAY	MISSION TYPE-MD	SORTIES PER DAY
	FROM	TO				
TESTACTUAL	0	6	10TRW 20TFW	46 101	RECCE-RF-4 INTD-F-111	47 22
TESTACTUAL	0	6	26TRW 32TFS	46 57	OCRA-F-111 RECCE-RF-4 AD-F-15	64 47 58
TESTACTUAL	0	6	36TFW	172	OCRA-F-15	0
TESTACTUAL	0	6	40TFW		AD-F-15 OCRA-F-15 AD-F-16 BAY-F-16 CAS-F-16	173 0 0 0 0
TESTACTUAL	0	6	48TFW	101	INTD-F-16 OCRA-F-16	0 0
TESTACTUAL	0	6	50TFW	201	INTD-F-111 OCRA-F-111 AD-F-16 BAY-F-16 CAS-F-16	25 76 67 68 67
TESTACTUAL	0	6	52TFW	201	INTD-F-16 OCRA-F-16	0 0

PAGE 1 OF 4

1 MAY 85

17392

PAGE REV
 HALF PG
 PAGE FWD
 CHANGE ATO LINE
 ADD ATO LINE
 DELETE ATO LINE
 SORTS

SCREEN TITLE: ORDER ASSIGNMENTS

SCREEN NUMBER: MAJ.TASK. .T

SCREEN PURPOSE:

Display the mission and sortie assignments of the tasked units.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

Having reviewed the aircraft and mission tasking, the Battle Staff is reviewing the assigned mission and sortie tasking of the units tasked in USAFE's OPORD/task.

CLASSIFICATION:

This product will normally be classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

The WMP sortie data is a reference figure and is not a "do not exceed" limit.

DATA SOURCE:

The data is input by the user or transmitted to HQ USAFE by HQ USAF via AFIRMS.

RELATED SCREENS:

Aircraft Tasking
Mission Tasking
Mission Tasking Detail Summary
War Mobilization Plan
Wing Flying Day
Wing Operations Rates
Mission Profile Definition
Munitions Tasking [Planned; not included]
Wing Tasking [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Add a column for mission priority. It is presently on the Mission Profile Definition product and must be moved to this product because the mission priority is unit oriented.
- b. Add a column for Wing Priority within the order. This is needed for the instances when there is more than one wing or unit at a base. It is not unusual for a contingency OPlan to have a reconnaissance unit and a fighter unit at the same base. In addition, the base may also be an airlift base (e.g., Ramstein). This addition is also beneficial for the dollars to readiness "sortie buy back" methodology.
- c. Separate the Mission Type MD column into two columns: one for Mission Type and one for MDS.
- d. Add columns to allow for up to 4 unit MDSSs.
- e. Add a column for Unit Employment Day. This will tell AFIRMS when the unit is available for tasking. (Some units have to deploy to be tasked.)
- f. Add a column for the base name where the unit will be tasked. (Not all units fight at home.)
- g. A column may need to be added to this product for Sortie Duration which is presently on the Wing Flying Day product. Sortie Duration normally varies for the different types of mission, e.g., an Interdiction mission is normally a longer mission than a Close Air Support mission.

DATA ELEMENTS:

Element Name	DRD #
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Tasked Unit Name	56A
Base Name - Unit Employment Location	56E
Unit Employment Day	56F
Total WMP Sorties Per Day	56M
Task Period Start Day	59D
Task Period End Day	59E
Mission Type	59G
Sortie Per Day	59K
Mission Priority	59L
Resource Type In Unit Of Order	74B

PARAMETER SELECTION SCREEN:

ORDER ASSIGNMENTS PARAMETER SCREEN							
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1			
<div style="border: 1px solid black; padding: 10px; min-height: 150px;"> <p>1. ORDER IDENTIFICATION</p> <p>2. WMP LABEL TESTACTUAL</p> <p>3. ORDER START PERIOD ALL PERIODS</p> <p>4. MISSION TYPE ALL MISSIONS</p> <p>5. UNIT NAME ALL UNITS</p> <p style="text-align: center;">TESTACTUAL</p> <div style="border: 1px solid black; width: 100%; height: 100px; margin-top: 20px;"> <p style="text-align: center;">Write in a value.</p> </div> </div>							
DISPLAY PRODUCT			RETURN TO TOP MENU	4	5	6	8
			RETURN PREVIOUS MENU			7	
			HELP				→

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD		DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15

2ND ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD		DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 16 MAY 1985,0901Z
 OLD: DTG Z
 NEW: 7 MAY 1985,1821Z

UNCLASSIFIED
 ORDER ASSIGNMENTS

TASKING:
 TESTACTUAL

IATO LABEL	PERIOD		TOTAL AMP SORTIES PER DAY	MISSION TYPE- MO	SORTIES PER DAY
	FROM	TO			
TESTACTUAL	0	16	101RW 146	RECCE-RF-4	47
			20TFM 101	INTD-F-111	22
				OCA-F-111	64
TESTACTUAL	0	16	26TRM 46	RECCE-RF-4	47
			32TFS 57	AD-F-15	58
				OCA-F-15	0
TESTACTUAL	0	16	36TFM 172	AD-F-15	173
				OCA-F-15	0
TESTACTUAL	0	16	401TFM	AD-F-16	0
				RAI-f-16	0
				CAS-F-16	0

PAGE 1 OF 8

16 May 85

UNCLASSIFIED

0901Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			(->)

TRKING:
TESTACTUAL, 30 APR 1985

UNCLASSIFIED
WING FLYING DAY

SCREEN CURRENCY:
1 MAY 1985, 0942Z
SCREEN DATA CURRENCY:
0102
TEL: 30 APR 1985, 2030Z

WING DESIG	CURRENT NO	PLANNED NO	FLYING DAY START TIME	UP DURATION	WIP SORTIE	PLANNED SORTIE DURATION	SHIFT DUR- TION	PERCENT SHIFT START	FORMED TIME AIRCRAFTS
TESTACTUAL	F-4	F-4	0700	24	1.5	1.7	12	0700	50
TESTACTUAL	F-111	F-111	0700	16	2.5	1.7	8	0700	50
TESTACTUAL	F-4	F-4	0700	24	1.5	1.7	12	0700	50
TESTACTUAL	F-15	F-15	0700	24	1.3	1.7	12	0700	50
TESTACTUAL	F-15	F-15	0700	24	1.3	1.7	12	0700	50
TESTACTUAL	F-16	F-16	0700	12	1.7	1.7	12	0700	100
TESTACTUAL	F-111	F-111	0700	16	2.5	1.7	8	0700	50
TESTACTUAL	F-16	F-16	0700	12	1.5	1.7	12	0700	100
TESTACTUAL	F-4	F-4	0700	12	1.3	1.7	12	0700	100
TESTACTUAL	F-10	F-10	0700	24	1.5	1.7	12	0700	50
TESTACTUAL	F-4	F-4	0700	12	1.3	1.7	12	0700	100

14372

UNCLASSIFIED

01 May 85

PAGE 1 OF 1

CHANGE ATO SEG DATA ATO SEG SECRET DELETE ATO SECRET

HALF PG

SCREEN TITLE: WING FLYING DAY

SCREEN NUMBER: MAJ.TASK. .T

SCREEN PURPOSE:

Display the unit aircrew flying operations planned for the tasked units.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

Having reviewed the aircraft and mission tasking, the Battle Staff is reviewing the planned or required flying operations for the unit aircrews tasked in USAFE's OPORD/task.

CLASSIFICATION:

This display will normally be classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. The WMP sortie duration is for reference use and is not a limiting item.
- b. Flying day start time is the first planned sortie departure time for the day.
- c. Shift start time is also the first planned sortie departure time.
- d. Aircrew shifts can overlap.
- e. Planned MD is for out-year computations.

DATA SOURCE:

The data is input by the user or transmitted to HQ USAFE by HQ USAF via AFIRMS.

RELATED SCREENS:

- Aircraft Tasking
- Mission Tasking Detail Summary
- Mission Profile Definition
- Mission Tasking
- Order Assignments
- War Mobilization Plan
- Wing Operations Rates
- Munition Tasking [Planned; not included]
- Wing Tasking [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Change the Planned MD to Planned MDS.
- b. Add a column for Planned PAA.
- c. Change the Current MD to Current MDS.
- d. Add a column for Planned Number of Aircrews.
- e. Add columns for out-year number of aircrews qualified in required weapons and/or missions e.g., AGM-65, Wild Weasel. Analysis is needed to determine if time periods are also needed for this product. For example, the aircrew "crew day" length or shift duration may be 16 hours but that cannot be maintained for a long period of time. Therefore, it would seem appropriate that a wing's flying day should also be variable by day.
- f. The Sortie Duration may vary by type of mission. For example, a unit will fly a longer sortie duration for an Interdiction mission than for a Close Air Support mission. Therefore, the Planned Sortie Duration may need to be moved to the Order Assignments product.
- g. If analysis shows that this product does need time periods as suggested in recommendation f above, then another product may be needed for the static data such as Planned and Current MDS, Planned PAA and Planned aircrews from this product as well as Employment Day and Employment Location from the Order Assignments product.
- h.

DATA ELEMENTS:

Element Name

DRD #

- | | |
|------------------------------|-----|
| Order Identifier | 54A |
| Order Date | 54E |
| Order Change Number | 54G |
| Order Classification | 54K |
| Tasked Unit Name | 56A |
| Unit WMP Sortie Duration | 71G |
| Unit Planned Sortie Duration | 56J |
| Fly Day Start Time | 89N |
| Fly Day Duration | 89P |
| Shift Aircrew Percentage | 89O |
| Shift Start Time | 89Q |
| Shift Duration | 56K |

PARAMETER SELECTION SCREEN:

WING FLYING DAY PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1
<p><input type="checkbox"/> 1. ORDER IDENTIFICATION</p> <p>2. WMP LABEL TESTACTUAL</p> <p>3. UNIT NAME ALL UNITS</p>									
<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 10px;"> <p>Write in a value.</p> </div>									
TESTACTUAL									
↑	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑	↑	↑	↑	↑	↑
KEY # 1	2	3	4	5	6	7	8		
1ST ARRAY OF PARAMETER SCREEN KEYS									
←	PAGE REVERSE	FULL PG	PAGE FORWARD	HALF PG	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE		
KEY # 9	10	11	12	13	14	15	16		
2ND ARRAY OF PARAMETER SCREEN KEYS									

BLACK-AND-WHITE TABULAR VERSION:

UNCLASSIFIED
 HING FLYING DAY

SCREEN: 16 MAY 1985,1124Z
 OLD: DTG Z
 NEW: 8 MAY 1985,1830Z

LABEL	HING		CURRENT		PLANNED		FLYING DAY		IMP		PLANNED		SHIFT		PERCENT
	DESIG	IHD	IHD	IHD	START	DURA-	SORTIE	DURA-	START	FORMED	DURA-	SORTIE	DURA-	START	
TESTACTUAL	10TRM	RF-4	RF-4	RF-4	0700	24	1.7	12	0700	50	1.7	12	0700	50	
TESTACTUAL	20TFH	F-111	F-111	F-111	0700	16	1.7	8	0700	50	1.7	8	0700	50	
TESTACTUAL	26TRM	RF-4	RF-4	RF-4	0700	24	1.7	12	0700	50	1.7	12	0700	50	
TESTACTUAL	32TFS	F-15	F-15	F-15	0700	24	1.7	12	0700	50	1.7	12	0700	50	
TESTACTUAL	36TFH	F-15	F-15	F-15	0700	24	1.7	12	0700	50	1.7	12	0700	50	
TESTACTUAL	401TFH			F-16	0700	12	1.7	12	0700	100	1.7	12	0700	100	

PAGE 1 OF 2

16 May 85

UNCLASSIFIED

1124Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

UNCLASSIFIED
WING OPERATIONS RATES

SCREEN CURRENCY: 15 MAY 1985, 1115Z
 SCREEN DATA CURRENCY: 0112Z
 OLD: 1 MAY 1985, 1423Z

RATE LABEL	PERIOD FROM TO	WING DESIG	TURN TIME	MINT ATTRIT RATE %	COMBAT ATTRIT RATE %	ACFT REPAIR RATE %	MINIMUM TIME BETW TAKEOFFS
TESTACTUAL	0 6	10TRW	2	10	2	95	3
		20TFW	2	10	2	80	3
		26TRW	2	10	2	95	3
		32TFS	2	10	2	95	3
		36TFW	2	10	2	95	3
		401TFW	2	10	2	95	3
		48TFW	2	10	2	80	3
		50TFW	2	10	2	95	3
		52TFW	2	10	2	95	3
		81TFW	2	10	2	95	3
		86TFW	2	10	2	95	3
TESTACTUAL	7 29	10TRW	2	10	1	95	3
		20TFW	2	10	1	80	3
		26TRW	2	10	1	95	3
		32TFS	2	10	1	95	3
		36TFW	2	10	1	95	3
		401TFW	2	10	1	95	3
		48TFW	2	10	1	80	3
		50TFW	2	10	1	95	3
		52TFW	2	10	1	95	3
		81TFW	2	10	1	95	3

15142

UNCLASSIFIED

01 May 85

15142

PAGE REV
 HALF PG
 PAGE FWD
 CHANGE RATE DATA
 ADD RATE LINE
 DELETE RATE LINE
 EXIT

SCREEN TITLE: WING OPERATIONS RATES

SCREEN NUMBER: MAJ.TASK. .T

SCREEN PURPOSE:

Display the operation rates to be used by the tasked units in the OPLAN/task.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

Having reviewed the aircraft and mission tasking, the Battle Staff is reviewing the operation rates and data planned for the units tasked in USAF's OPOD/task.

CLASSIFICATION:

This display will normally be classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

The data is input by the user or transmitted to HQ USAF by HQ USAF via AFIRMS. This type of data is expected to be maintained by the unit (turn time, maint attrition, etc.). However, the user may modify it as needed for "what-if" queries.

RELATED SCREENS:

Aircraft Tasking
Mission Tasking Detail Summary
Mission Profile Definition
Mission Tasking
Order Assignments
Wing Flying Day
Munition Tasking [Planned; not included]
Unit Tasking [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Delete Combat Attrition rate from here and move to the Mission Profile Definition Product.
- b. Add aircraft Battle Damage Repair (BDR) rate.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Order Identifier	54A
Order Classification	54K
Tasked Unit Name	59B
Turn Time For Unit Order	59C
Period Start Day	59D
Period End Day	59E
Maint Attrit Rate For Unit Order	59F
Aircraft Repair Rate For Unit Order	59H
Min Time Between Takeoffs For Unit Order	59I
Combat Attrition Rate For Unit Order	59J

PARAMETER SELECTION SCREEN:

WING OPERATIONS RATES PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>Write in a value,</p> </div>									
<p>1. RATE LABEL</p> <p>2. TASKING PERIOD START DAY ALL DAYS</p> <p>3. UNIT NAME ALL UNITS</p>									
TESTACTUAL									
KEY # 1	2	3	4	5	6	7	8		
DISPLAY PRODUCT			RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP				→
1ST ARRAY OF PARAMETER SCREEN KEYS									
KEY # 9	10	11	12	13	14	15	16		
←	PAGE REVERSE	FULL PG HALF PG	PAGE FORWARD	SELECT PARAM VALUE		DELETE PARAM VALUE	ENTER PARAM VALUE		
2ND ARRAY OF PARAMETER SCREEN KEYS									

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 16 MAY 1985,1151Z
 OLD: DTG Z
 NEW: 1 MAY 1985,1423Z

UNCLASSIFIED
 WING OPERATIONS RATES

IRATE	PERIOD	WING	MAINT	COMBAT	ACT	MINIMUM			
LABEL	FROM	TO	DESIG	TIME	RATE	%	REPAIR	TIME	BETH
TESTACTUAL	0	16	10TRN	2	10	2	195	3	
			20TFN	2	10	2	180	3	
			26TRN	2	10	2	195	3	
			32TFS	2	10	2	195	3	
			36TFN	2	10	2	195	3	
			401TFN	2	10	2	195	3	
			48TFN	2	10	2	180	3	
			50TFN	2	10	2	195	3	
			52TFN	2	10	2	195	3	
			81TFN	2	10	2	195	3	
			86TFN	2	10	2	195	3	

PAGE 1 OF 3

16 May 85

UNCLASSIFIED

1150Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			

UNCLASSIFIED RESUPPLY SCHEDULE

SCREEN CURRENCY:
29 APR 1985, 1432Z
SCREEN DATA CURRENCY:
010Z
REV: 29 APR 1985, 0946Z

RESUPPLY LABEL	WING DESIGNATION	RESUPPLY DAY	NUMBER AIRCRAFT	NUMBER AIRCREW	GALLONS FUEL	MUNITION TYPE	AMOUNT
TESTACTUAL	32TFS	1	13	10	12800	AIM-7E	125
TESTACTUAL	32TFS	2	13	10	12800	AIM-9P	200
TESTACTUAL	36TFW	1	9	23	43334	AIM-7E	125
TESTACTUAL	36TFW	2	9	23	43334	AIM-9P	200
TESTACTUAL	36TFW	3	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	4	9	23	43334	AIM-9P	400
TESTACTUAL	36TFW	5	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	6	9	23	43334	AIM-9P	500
TESTACTUAL	36TFW	7	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	8	9	23	43334	AIM-9P	500
TESTACTUAL	36TFW	9	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	10	9	23	43334	AIM-9P	500
TESTACTUAL	36TFW	11	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	12	9	23	43334	AIM-9P	500
TESTACTUAL	36TFW	13	9	23	43334	AIM-7E	500
TESTACTUAL	36TFW	14	9	23	43334	AIM-9P	500
TESTACTUAL	36TFW	15	9	23	43334	AIM-7E	500
TESTACTUAL	52TFW	1	10	25	555790	AIM-9P	400

1832

UNCLASSIFIED

29 Apr 85

PAGE 1 OF 3

SCREEN TITLE: RESUPPLY SCHEDULE

SCREEN NUMBER: MAJ.STAT. .T

SCREEN PURPOSE:

Display the resource resupply schedule planned for the units tasked in the USAFE OPLAN/task.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

Having reviewed the various capability products, the Battle Staff is reviewing the resupply schedule for the tasked units.

CLASSIFICATION:

This display will normally be UNCLASSIFIED but may be classified SECRET for some theatre OPLAN resupply schedules.

ASSUMPTIONS:

- a. The fuel resupplied is the same type that is stocked at the unit's base.
- b. The unit is employed in-place.
- c. Munitions quantities are "whole up" rounds.

DATA SOURCE:

The data is input by the user or transmitted to HQ USAFE by HQ USAF via AFIRMS. This type of data (dispensing theatre depot stocks to the units) is expected to be maintained by the HQ USAFE for a particular OPLAN. It may also be maintained and used by the USAFE staff to update unit resource inventories with planned out-year purchases for out-year Program Objective Memorandum (POM) assessments.

RELATED SCREENS:

- Mission Profile Definition
- Integrated Capability (Ref. Section 1.2)
- Individual Resource Capability (Ref. Section 1.2)
- Fuels Capability (Ref. Section 1.2)
- Base Fuels Capability (Ref. Section 1.2)
- Munitions Capability (Ref. Section 1.2)
- Aircraft Capability [Planned; not included]
- Aircrew Capability [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Add a column for fuels type. Need to distinguish between the different grades of fuel being resupplied.
- b. Add a column for Unit Resupply Base (should equal the employment base). As currently designed, the quantity resupplied added to the unit's home base current amount -- which is alright if the unit is employed in-place.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Unit Name Owning Resource	13A
Resource Name	13B
Resource Resupply Label	20H
Resource Resupply Day	20F
Resource Resupply Quantity	20F

PARAMETER SELECTION SCREEN:

RESUPPLY SCHEDULE PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<p>1. RESUPPLY LABEL</p> <div style="border: 1px solid black; width: 150px; height: 100px; margin: 10px auto; text-align: center; vertical-align: middle;"> Write in a value. </div> <p>2. UNIT NAME ALL UNITS</p> <p>3. RESUPPLY DAY ALL DAYS</p> <p>4. MUNITION TYPE ALL MUNITIONS</p>			
TEST ACTUAL			
DISPLAY PRODUCT		RETURN TO TOP MENU	RETURN PREVIOUS MENU
		HELP	
			↑

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 16 MAY 1985,1536Z UNCLASSIFIED
 OLD: DTG Z RESUPPLY SCHEDULE
 NDH: 29 APR 1985,0946Z

RESUPPLY LABEL	INING DESIGNATION	DAY	RESUPPLY NUMBER	AIRCRAFT	NUMBER	GALLONS	MUNITION	TYPE	AMOUNT
TESTACTUAL	32TFS	1	13	10	12800	AIM-7E	125		
						AIM-9P	200		
TESTACTUAL	32TFS	2	13	10	12800	AIM-7E	125		
						AIM-9P	200		
TESTACTUAL	36TFH	1	19	23	43334	AIM-7E	500		
						AIM-9P	400		
TESTACTUAL	36TFH	2	19	23	43334	AIM-7E	500		
						AIM-9P	400		
TESTACTUAL	36TFH	3	19	23	43334	AIM-7E	500		
						AIM-9P	400		
		4	19	23	43334		500		
		5	19	23	43334		500		
		6	19	23	43334		500		

PAGE 1 OF 5

16 May 85

UNCLASSIFIED

1535Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

UNCLASSIFIED
OPLAN/OPOD ASSOCIATIONS
RUNS OF THE SORTIE GENERATION MODEL

SCREEN CURRENCY:
 21 MAY 1985, 1423Z
 SCREEN DATA CURRENCY:
 016Z
 ELD:
 REF: 19 MAY 1985, 2112Z

OPLAN/OPOD LABEL	DAYS IN TASK SET	MISSION PROFILE DEFINITION SET	WING OPERATIONS RATES SET	WING RESOURCE SUMMARY SET	WING FLYING DRY SET	WING RESUPPLY SCHEDULE SET	REMARKS
OPLAN 4880	60	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	OPLAN 4880	
OPLAN 4881	60	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL		
OPLAN 4882	60	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL		
OPLAN 4882A	60	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL		
TEST	3	MISSION	TEST	TESTACTUAL	FLYING-SET1	RESUP-1	THIS IS A TEST RECORD
TEST10	10	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	10 DRY TEST RUN OF SOP
TEST15	15	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	15 DRY TEST RUN OF SOP
TEST29	29	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	
TEST30	30	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	30 DRY TEST OF SOP
TEST31H	30	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	TEST30 WITH PLANTS. UNRESTR.
TEST35	35	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	
TEST36S	36S	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	
TEST40	40	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	40 DRY TEST OF SOP
TEST60	60	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE	60 DRY TEST OF SOP MODEL
TEST7	7	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	7 DRY TEST RUN OF SOP
TEST7A1S	7	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	CRASH TEST
TEST8	8	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	8 DRY TEST RUN OF SOP
TEST9	9	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	9 DRY TEST RUN OF SOP
TESTACTUAL	3	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	"PERL" TEST DATA (ADDRESS)
TESTNULL	3	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TEST NULL RESUPPLY LABEL

1824Z

UNCLASSIFIED

21 May 85

PRICE 1 OF 2

PRICE REV PRICE FND HALF PG CHANGE OPLAN DATA ADD OPLAN SCRIPT DELETE OPLAN SCRIPT

SCREEN TITLE: OPLAN/OPORD ASSOCIATIONS

SCREEN NUMBER: MAJ.TASK. .T

SCREEN PURPOSE:

Display the on-line runs already made with the Sortie Generation Model (SGM) and provide the means to associate different sets of tasking and resource data together for input to the SGM. This also facilitates "what-ifing" unit readiness/capability issues, e.g., unit tasking with a different distribution of resources.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

The user wants to either (1) see what OPLAN/OPORD labels to use as parameter choices for the Tasking and Capability products, (2) see what tasking and resource data sets were used for a specific run of the SGM, or (3) set up a run of the SGM. The model uses the OPLAN/OPORD Label from this product to execute a model run.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE: The user.

RELATED SCREENS:

All of the products in this section and section 1.2.

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3-7, and 9-16.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name	DRD #
Order Identifier	54A
SGM Days in Run	54Q
Unit Order Identifier (Asgn)	56D
Task Type Set Identifier (Msn)	8B
Unit Operations Identifier	IE
Resource Set Identifier	I3D
Unit Order Identifier (Fly)	56D
Resource Resupply Identifier	20H
SGM Remarks	54R

PARAMETER SELECTION SCREEN:

OPLAN/OPORD ASSOCIATIONS PARAMETER SCREEN				PAGE 1 of 1
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1. OPLAN/OPORD LABEL</p> <p>2. RESOURCE SET LABEL TESTACTUAL</p> <p>3. MISSION PROFILE SET TESTACTUAL</p> <p>4. ORDER ASSIGNMENT SET TESTACTUAL</p> <p>5. WING OPERATIONS SET TESTACTUAL</p> <p style="text-align: center;">OPLAN 4000</p> </div> <div style="width: 45%;"> <p>6. WING FLYING DAY SET TESTACTUAL</p> <p>7. RESUPPLY SCHEDULE SET</p> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p style="text-align: center;">Write in a value.</p> </div> </div> </div>				
DISPLAY PRODUCT		RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
KEY # 1	2	3	4	5
1ST ARRAY OF PARAMETER SCREEN KEYS				
←	PAGE REVERSE	FULL PG	HALF PG	PAGE FORWARD
KEY # 9	10	11	12	13
2ND ARRAY OF PARAMETER SCREEN KEYS				
			DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 14	15	16		

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 21 MAY 1965,1347Z
 OLD: 076 2
 NEW: 13 MAY 1965,2112Z

UNCLASSIFIED
 OPLAN/OPORD ASSOCIATIONS
 NAME OF THE SORTIE GENERATION MODEL

OPPLAN OPORD LABEL	DAYS/ORDER IN ASSIGMENTS 116631 SET	MISSION PROFILE DEFINITION SET	MISSION OPERATIONS DATES SET	MISSION RESOURCE SUMMARY SET	MISSION FLYING DAY SET	MISSION RESUPPLY SCHEDULE SET
OPPLAN 4000	64 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	OPPLAN 4000
OPPLAN 4000H	64 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	
OPPLAN 4002	64 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	
OPPLAN 4002H	64 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	FLYDAY-SET1	RESUP-1
TEST1	9 INBL	TEST	TEST	TEST	TEST	NONE
TEST10	18 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE
TEST15	15 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE
TEST20	20 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE
TEST20-H	20 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE

PAGE 1 OF 3

21 May 65 UNCLASSIFIED

1347Z

SEGMENT 1 OF 2

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PRINT	HELP	MENU	MENU	SCREEN
SELECT	TORBLE			

SCREEN: 21 MAY 1965,1347Z
 OLD: 076 2
 NEW: 13 MAY 1965,2112Z

UNCLASSIFIED
 OPLAN/OPORD ASSOCIATIONS
 NAME OF THE SORTIE GENERATION MODEL

OPPLAN OPORD LABEL	DAYS/ORDER IN ASSIGMENTS 116631 SET	MISSION PROFILE DEFINITION SET	MISSION OPERATIONS DATES SET	MISSION RESOURCE SUMMARY SET	MISSION FLYING DAY SET	MISSION RESUPPLY SCHEDULE SET
OPPLAN 4000	64 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	OPPLAN 4000
OPPLAN 4000H	64 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	
OPPLAN 4002	64 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	
OPPLAN 4002H	64 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	FLYDAY-SET1	RESUP-1
TEST1	9 INBL	TEST	TEST	TEST	TEST	NONE
TEST10	18 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE
TEST15	15 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE
TEST20	20 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE
TEST20-H	20 TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	NONE

PAGE 1 OF 3

21 May 65 UNCLASSIFIED

1347Z

SEGMENT 2 OF 2

IMAGE	FULL PR	IMAGE	CHANGE	ADD	DELETE
ENTER	ENTER	ENTER	ENTER	ENTER	ENTER
SEARCH	SEARCH	SEARCH	SEARCH	SEARCH	SEARCH
HELP	HELP	HELP	HELP	HELP	HELP

AD-A170 326

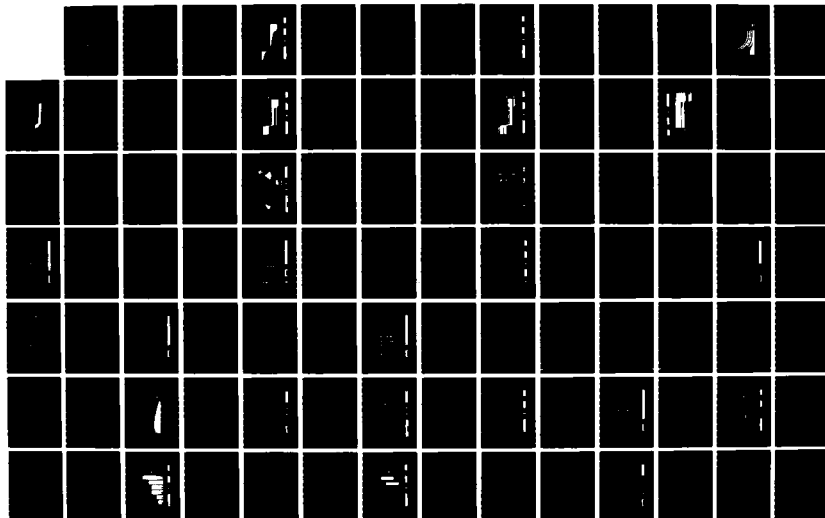
AIR FORCE INTEGRATED READINESS MEASUREMENT SYSTEM
(AFIRMS) PRODUCT DESCRIPTIONS(U) SOFTECH INC
ALEXANDRIA VA 31 MAY 85 F49642-83-C-0022

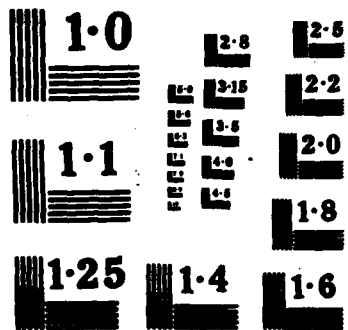
4/6

UNCLASSIFIED

F/G 5/2

NL





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10/11-40



34461



1.2 Review MAJCOM Resource Capability Products

The product screens in this section provide the OSC/CSS user with the assessments of the unit resources, both possessed and allocated, to support the tasking that was defined in the previous section.

SCREEN TITLE

Integrated Capability
Individual Resource Capability
Aircraft Spares Support Capability
MICAP Forecast
Fuels Capability
Base Fuels Capability
Munitions Capability
Base Fuels Capability Detail [Planned; not included]
Munitions Shortfall Detail [Planned; not included]
Base Munitions Capability [Planned; not included]
Base Munitions Capability Detail [Planned; not included]
Aircrew Capability [Planned; not included]
TRAP Capability [Planned; not included]
Maintenance Support Capability [Planned; not included]

The basic concept behind the capability screens in this section is that a capability can be computed only when there is a specific task to accomplish. Therefore, a basic assumption for reviewing these screens is that a task (with all the required task and resource parameters) has been entered. In addition, these screens are reviewed after a Sortie Generation Model, or SGM, has been executed to compute the capability assessments.

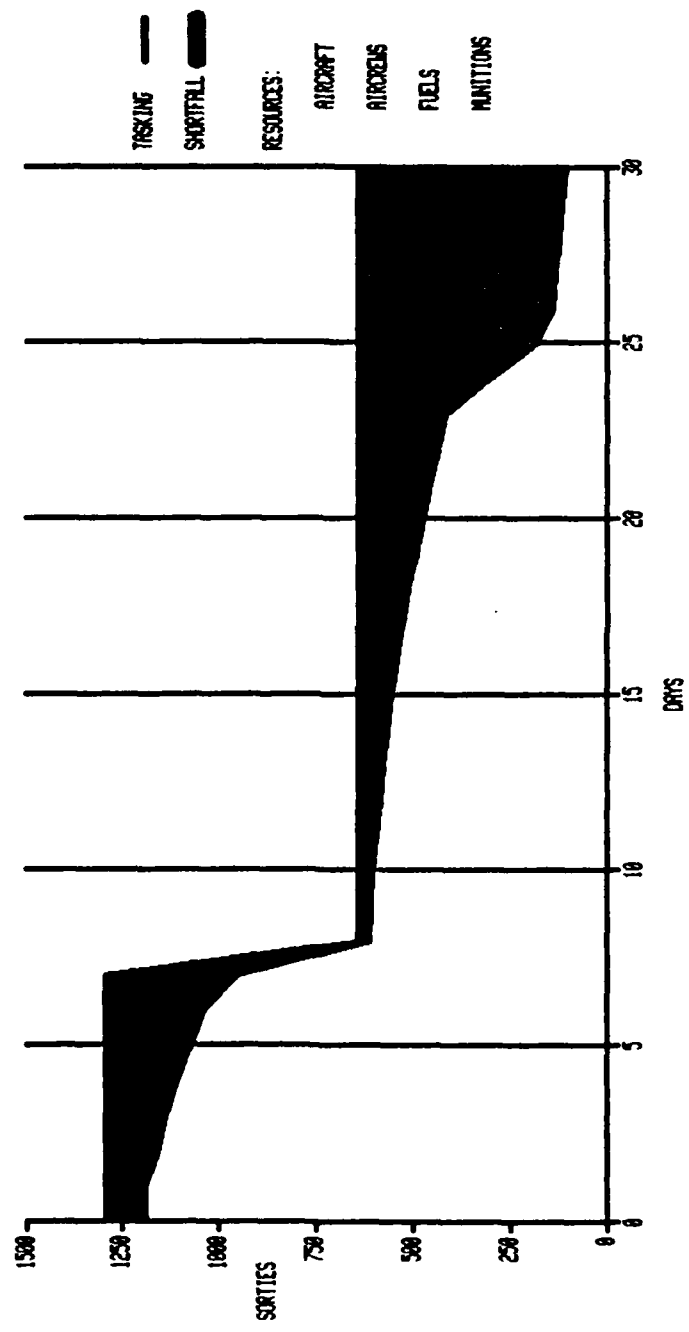
One of the main AFIRMS concepts is that the readiness or capability to do a task is determined unit by unit, then aggregated by task force or MAJCOM, and, finally, further aggregated Air Force-wide, if necessary. Computing readiness assessments at unit level should provide more realistic assessments than those currently made with macro-level data (which inherently imply a perfect allocation and/or instantaneous redistribution of resources).

There are a number of interactions that can be done with the system. A very common interaction will be to make "what-if" queries and change the tasking data, the resource parameters, and/or the unit resource quantities. The point to remember is that modifying any of this data affects many products. For example, the sortie duration affects spares, fuels, and maintenance support. If it is changed after seeing the spares capability, the fuels and maintenance support capabilities would also be affected. Similarly, changing the sortie rate would affect all of the tasking and capability displays.

UNCLASSIFIED
 INTEGRATED CAPABILITY
 USAF FIGHTER/RECCE

TASKING:
 OPLAN 40081 30 APR 1965

SCREEN CURRENCY:
 30 APR 1965, 1634Z
 SCREEN DATA CURRENCY:
 0102 0102
 REF: 29 APR 1965, 1752Z



2833Z

UNCLASSIFIED

30 Apr 65

DISPLAY
 PARA
 SELECT

TOP
 MENU

PREVIOUS
 MENU

UPDATE
 SCREEN

SCREEN TITLE: INTEGRATED CAPABILITY

SCREEN NUMBER: MAJ.CAP. .G

SCREEN PURPOSE:

Display the aggregate tasking and the integrated capability of the resources to support the tasking.

USERS:

PRIMARY Y: Battle Staff

SUPPORTING: LRC

SCENARIO: (Reference baseline scenario.)

After having assessed the size and shape of the task, the Battle Staff and the LRC want to see the integrated ability of the USAF fighter and recce unit resources to support their task.

CLASSIFICATION:

The normal classification is expected to be SECRET, though it could be TOP SECRET depending on the OPLAN/task's security instructions. However, if the task is a "what-if" exercise, it could be UNCLASSIFIED. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. The task data has been entered, units tasked, and the units possess or have been allocated resources.
- b. All assumptions applicable to the individual resource area assessments also apply to this display.
- c. The individual resources constrain one another, e.g., fuels and munition resources are not expended on sorties not flown because of a spares shortfall.

DATA SOURCE:

The tasking data is computed as described in the Translate Tasking Requirements section. The capability assessment is computed with the AFIRMS Sortie Generation Model. Some assessment data may be obtained through interfaces with other assessment systems such as CSMS.

RELATED SCREENS:

Individual Resource Capability
Aircraft Spares Support Capability
Munitions Capability
Fuels Capability
Aircrew Capability [Planned; not included]
TRAP Capability [Planned; not included]
Maintenance Support Capability [Planned; not included]
DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name

- Unit Mission
- Aircraft Unit Name
- Aircraft MDS
- Order Identification
- Order Date
- Order Change Number
- Order Classification
- Tasked Unit Name
- Unit Employment Day
- Unit Daily Sortie Task
- Unit Daily Integrated Sortie Capability

DRD #

- IC
- 11A
- 11C
- 54A
- 54E
- 54G
- 54K
- 56A
- 56F
- 56G
- 56H

PARAMETER SELECTION SCREEN:

INTEGRATED CAPABILITY PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>Write in a value.</p> </div>			
<ol style="list-style-type: none"> 1. ORDER IDENTIFICATION 2. FORECAST PERIOD 30 3. AIRCRAFT MD FIGHTER/REECE 4. COMMAND UNIT USAFE 5. WING NAME ALL UNITS 			
OPLAN 9000M			
DISPLAY PRODUCT		RETURN TO TOP MENU	RETURN PREVIOUS MENU
		HELP	→

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
---------	---	---	---	---	---	---	---

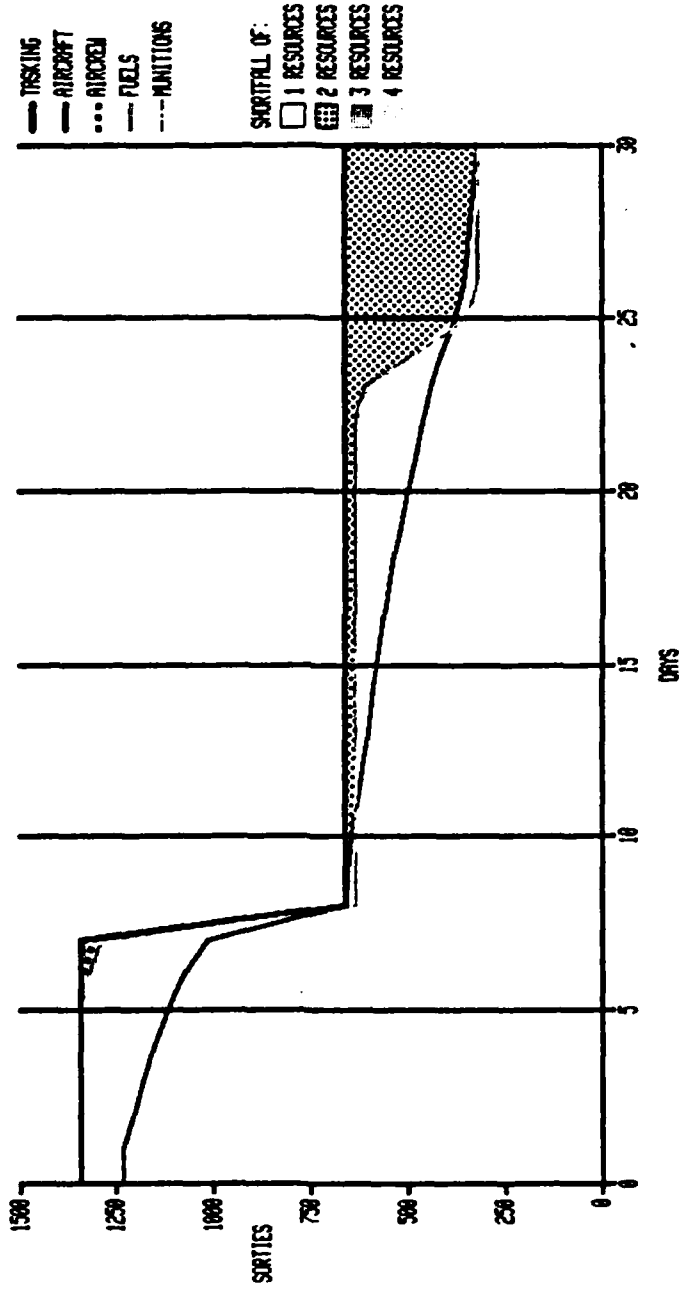
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS Implementation.

UNCLASSIFIED
INDIVIDUAL RESOURCE CAPABILITY
 USAF FIGHTER/RECCE

TASKING:
 OPLAN 44881 30 APR 1985

SCREEN CURRENCY:
 30 APR 1985, 1634Z
 SCREEN DATA CURRENCY:
 0116Z
 U.I.: 29 APR 1985, 1728Z



UNCLASSIFIED

1 May 85 1847Z

DISPLAY PREVIOUS UPDATE
 PAGE MENU SCREEN
 SELECT

SCREEN TITLE: INDIVIDUAL RESOURCE CAPABILITY

SCREEN NUMBER: MAJ.CAP. .G

SCREEN PURPOSE:

Display the aggregate tasking and the relative capability, in an overlay format, of individual resources to support the tasking.

USERS:

PRIMARY: LRC

SUPPORTING: Battle Staff

SCENARIO: (Reference baseline scenario.)

After seeing the integrated capability of the resources to support the OPLAN/task, the LRC now want to see the relative capability of the individual resources (think of each resource readiness line as an overlay). Also of interest is the point at which the resources become concurrent shortfalls, e.g., when 2 or more of the displayed resources are simultaneous limiting factors.

CLASSIFICATION:

The normal classification is expected to be SECRET, though it could be TOP SECRET depending on the OPLAN/task's security instructions. However, if this is a "what-if" exercise, it could be UNCLASSIFIED. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. The tasking data has been entered, units tasked, and the units possess or have been allocated resources.
- b. All assumptions applicable to the individual resource area assessments also apply to this assessment.
- c. The resource assessments can be computed in either of two modes: the resources constraining each other and unconstrained. This assessment was computed assuming that the resources, except for munitions, did constrain each other, e.g., fuels capability was computed assuming that munitions were not a limiting factor but aircraft and aircrews were limiting factors.

DATA SOURCE:

The tasking data is computed as described in the Translate Tasking Requirements section. The capability assessment is computed with the AFIRMS Sortie Generation Model. Some assessment data may be obtained through interfaces with other assessment systems such as CSMS.

RELATED SCREENS:

Integrated Capability
Aircraft Spares Support Capability
Munitions Capability
Fuels Capability
Aircrew Capability [Planned; not included]
TRAP Capability [Planned; not included]
Maintenance Support Capability [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name

Unit Mission
 Aircraft Unit Name
 Aircraft MDS
 Order Identification
 Order Date
 Order Change Number
 Order Classification
 Unit Employment Day
 Unit Daily Sortie Task

DRD #

IC
 11A
 11C
 54A
 54E
 54G
 54K
 56F
 56G

Element Name

Unit Name
 Resource Type
 Unit Daily Resource Sortie Capability

DRD #

73A
 73C
 73D

PARAMETER SELECTION SCREEN:

INDIVIDUAL RESOURCE CAPABILITY PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1. ORDER IDENTIFICATION</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>2. FORECAST PERIOD 30</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>3. AIRCRAFT MD FIGHTER/REECE</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>4. COMMAND UNIT USAFE</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>5. WING NAME ALL UNITS</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>OPLAN 4000M</p> </div> <div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto; text-align: center; vertical-align: middle;"> <p>Write in a value.</p> </div>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	3	4	5

KEY # 1

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
9	10	11	12	13	14	15

KEY # 9

2ND ARRAY OF PARAMETER SCREEN KEYS

34461

10/1-48

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS Implementation.

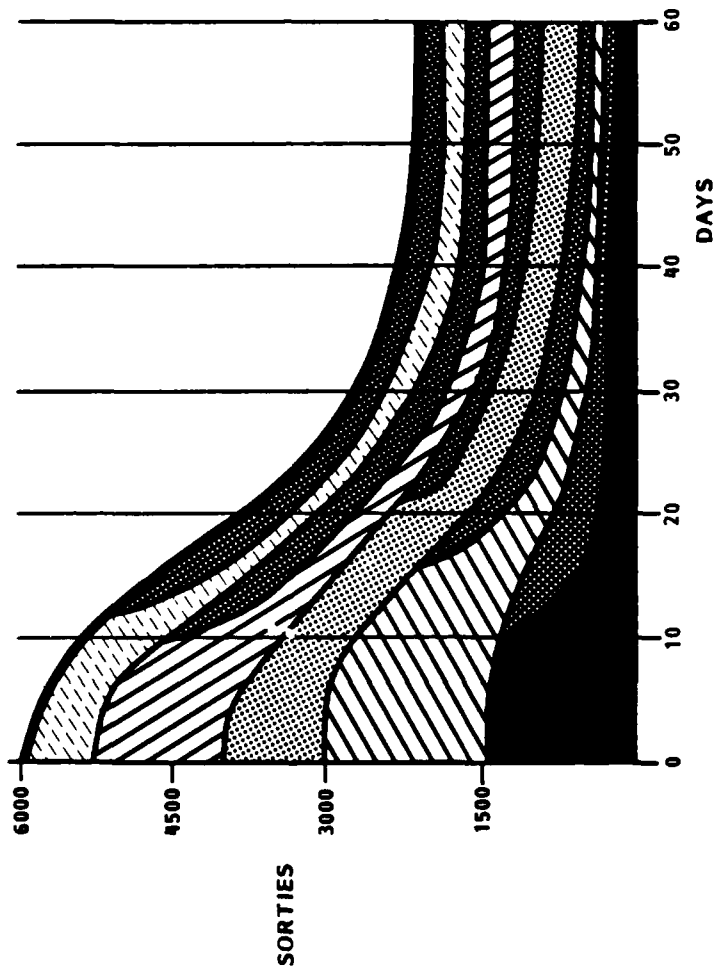
SCREEN CURRENCY:
DTG
SCREEN DATA CURRENCY:
DTG
DTG

CLASSIFICATION

**AIRCRAFT SPARES SUPPORT CAPABILITY
EUROPEAN THEATRE: FIGHTER/RECCE FMC**

TASKING: CHANGE 3
OPORD 999, 14 AUG 93

STATUS: FMC
MESL: FULL
RESUPPLY: YES



F-15
F-16
F-111
A-10
F/RF-4
SHORTFALL

19 AUG 93

CLASSIFICATION

07002

SCREEN ID NO.1

SCREEN TITLE: AIRCRAFT SPARES SUPPORT CAPABILITY

SCREEN NUMBER: MAJ.CAP. .G

SCREEN PURPOSE:

Display the aggregated aircraft spares capability, independent of other resource, to support the tasking for the aircraft selected.

USERS:

PRIMARY: LRC

SUPPORTING: Battle Staff

SCENARIO: (Reference baseline scenario.)

The LRC has reviewed the tasking and the individual and integrated ability of the various resources to support the task. Some shortfalls were noted in the spares capability to support the task. The LRC and appropriate action officers are investigating the specific aircraft MD spares support.

CLASSIFICATION:

Normal classification is expected to be SECRET, though it could vary depending on the OPLAN/task's security instructions. Additionally, if this is a "what-if" exercise, it could be UNCLASSIFIED. Therefore, the classification must be determined by the user building the task.

ASSUMPTIONS:

- a. The tasking data has been entered, units tasked, and the units possess or have been allocated resources.
- b. Aircraft capability assessment can use Fully Mission Capable (FMC) only or include Partially Mission Capable (PMC) depending on the parameter selected. The Minimum Essential Subsystem List (MESL) for the appropriate theatre is used but may be modified if desired for what-if iterations.
- c. Standard unit DOC, OPLAN/OPORD, WMP sortie rates and duration (or objective sortie rates and duration) may be used for "what-if" tasks or resource usage.
- d. Spares assessment has been computed by wing and aggregated.
- e. Maintenance can repair the aircraft if the parts are available.
- f. Spare parts demand rate progresses linearly with the sortie rate/flying hours. (This may overstate the spares need if the sortie rate used is higher than the peacetime utilization ("Ute") rate. It may also understate the actual need if the input sortie rate is less than the peacetime "Ute" rate.)

ASSUMPTIONS: (Cont.)

- g. Climate changes will have no effect on the Line Replaceable Unit/Shop Replaceable Unit failure rate (e.g., demand rate).
- h. Theatre demand rates for a spare (if available) may be used in lieu of the Air Force-wide experience. (In fact, objective demand rates may be used for "what-if" queries.)
- i. If assessments are made using data from CSMS all assumptions applicable to those systems will also apply here.

DATA SOURCE:

The tasking data is computed as described in the Translate Tasking Requirements section. The capability assessment is computed with the AFIRMS Sortie Generation Model. Some assessment data may be obtained through interfaces with assessment systems such as CSMS.

RELATED SCREENS:

Integrated Capability
Individual Resource Capability
MICAP Forecast

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

The version will be furnished during the Analysis Phase of AFIRMS implementation.

TASKING:
OPORD 4888, 18 JUL 83

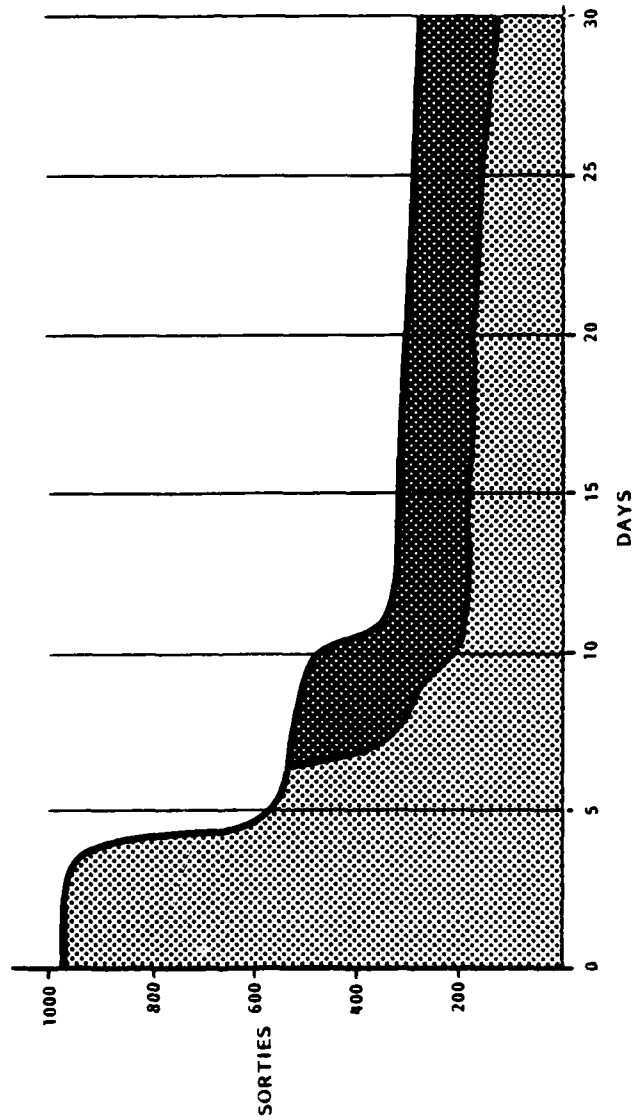
CLASSIFICATION

AIRCRAFT SPARES SUPPORT CAPABILITY

CENTRAL REGION: F-4E/G FMC

SCREEN CURRENCY
DTG
SCREEN DATA CURRENCY:
DTG
DTG
DTG

LEGEND:
TASKING
SHORTFALL
CAPABILITY



SCREEN ID NO.:

076Z

CLASSIFICATION

20 JUL 83

SCREEN TITLE: AIRCRAFT SPARES SUPPORT CAPABILITY (VARIATION I)

SCREEN NUMBER: MAJ.CAP. .G

SCREEN PURPOSE:

Display the Central Region aircraft capability for the MDSS selected.

SCENARIO:

The LRC and appropriate action officers are investigating the FMC F-4 E/G spares support in the Central Region.

SCREEN CURRENCY:
DTG
SCREEN DATA CURRENCY:
DTG
DTG
DTG

CLASSIFICATION
MICAP FORECAST
CENTRAL REGION: F-4E/G
DAY 15

TASKING:
OPORD 4000, 1st JUL 83

<u>WUC</u>	<u>WORK UNIT</u>	<u>FSC</u>	<u>NOMENCLATURE</u>	<u>NEEDED</u>
756	MISSILE FIRING CIRCUITS	1430	GUIDED MISSILE REMOTE CONTROL SYSTEM	15
71H	NAVIGATION SYSTEM	6015	AUTO PILOT AND AIRBORNE GYRO COMPONENTS	6
13	LANDING GEAR	2620	TIRES AND TUBES	35

20 JUL 83

CLASSIFICATION

0700Z

SCREEN ID NO.

SCREEN TITLE: MICAP FORECAST

SCREEN NUMBER: MAJ.CAP. .J

SCREEN PURPOSE:

Display the critical spares for the F-4E/G which are causing the problem.

USER:

PRIMARY: LRC

SUPPORTING: Battle Staff

CLASSIFICATION:

Normal classification is expected to be SECRET, though it could vary depending on the OPOD/task's security instructions. Additionally, if this is a "what-if" exercise, it could be UNCLASSIFIED. Therefore, the classification must be determined by the user building the task.

SCENARIO: (Reference baseline scenario.)

After reviewing the F-4E/G spares capability, a list of the troublesome systems on Day 15 is desired.

ASSUMPTIONS:

- a. The tasking data has been entered, units tasked, and the units possess or have been allocated resources.
- b. Aircraft capability assessment can use FMC only or include PMC depending on the parameter selected. The MESL for the appropriate theatre is used but may be modified if desired for what-if iterations.
- c. Standard unit DOC, OPLAN/OPOD, WMP sortie rates and duration (or objective sortie rates and duration) may be used for "what-if" tasks or resource usage.
- d. Spares assessment has been computed by wing and aggregated.
- e. Maintenance can repair the aircraft if the parts are available.
- f. Spare parts demand rate progresses linearly with the sortie rate/flying hours. (This may overstate the spares need if the sortie rate used is higher than the peacetime "Ute" rate. It may also understate the actual need if the input sortie rate is less than the peacetime "Ute" rate.)

ASSUMPTIONS: (Cont.)

- g. Climate changes will have no effect on the Line Replaceable Unit/Shop Replaceable Unit failure rate (e.g., demand rate).
- h. Theatre demand rates for a spare (if available) may be used in lieu of the Air Force-wide experience. (In fact, objective demand rates may be used for "what-if" queries.)
- i. If assessments are made using data from CSMS, all assumptions applicable to those systems will also apply here.

DATA SOURCE:

The tasking data is computed as described in the Translate Tasking Requirements section. The capability assessment is computed with the AFIRMS Sortie Generation Model. Some assessment data may be obtained through interfaces with assessment systems such as CSMS.

RELATED SCREENS:

Aircraft Spares Support Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and Scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

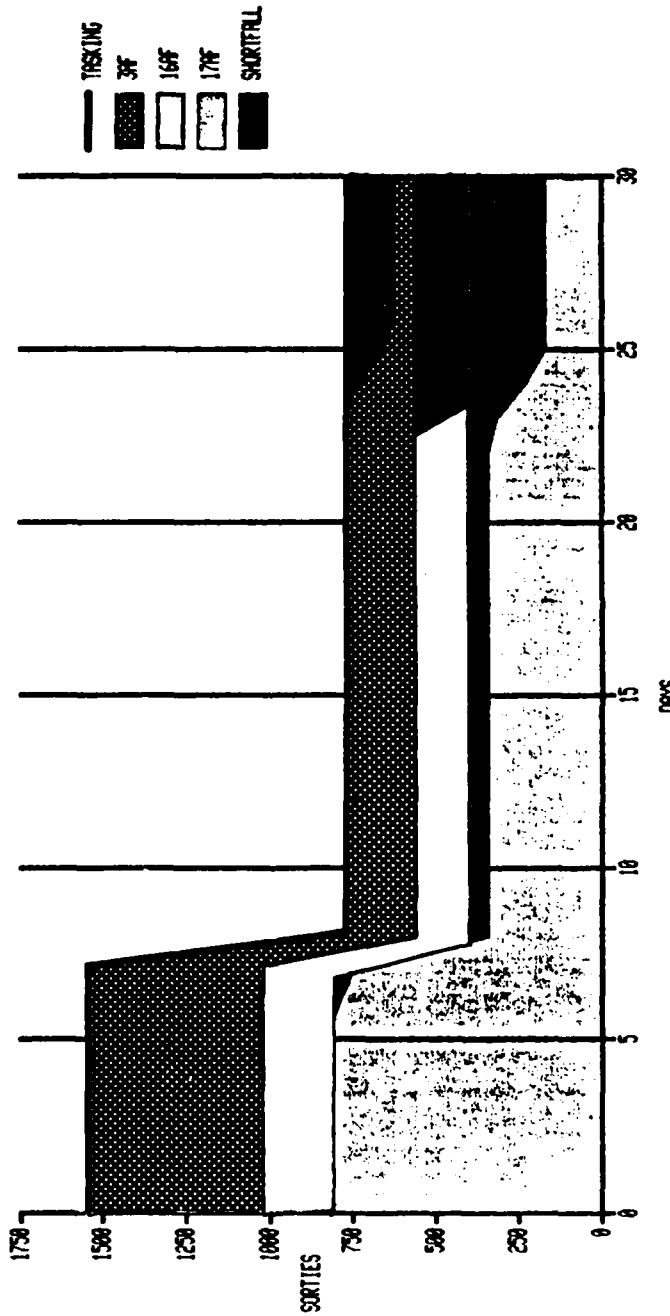
BLACK-AND-WHITE TABULAR VERSION:

The version will be furnished during the Analysis Phase of AFIRMS implementation.

TASKING:
OPLAN 40001, 30 APR 1985

UNCLASSIFIED FUELS CAPABILITY USAFE JP-4 FIGHTER/RECCE

SCREEN CURRENCY:
1 MAY 1985, 0930Z
SCREEN DATA CURRENCY:
010Z
010Z
FUEL: 30 APR 1985, 2030Z



01 May 85

UNCLASSIFIED

1354Z

DISPLAY
PARAM
SELECT

TOP
MENU

PREVIOUS
MENU

UPDATE
SCREEN

SCREEN TITLE: FUELS CAPABILITY

SCREEN NUMBER: MAJ.CAP .G

SCREEN PURPOSE:

Display the aggregate fuels capability for a region or MAJCOM to support the region and/or theatre tasking.

USERS:

PRIMARY: LRC

SUPPORTING: Battle Staff

SCENARIO: (Reference baseline scenario.)

The CSS has reviewed the tasking and the individual and integrated ability of the various resources to support the task. Some shortfalls were noted in the fuels capability to support the task. The LRC and appropriate action officers are investigating the specific resource areas. The fuels capability is being reviewed to determine where the fuels shortfall(s) exist(s).

CLASSIFICATION:

Normal classification is expected to be SECRET though it can be as high as TOP SECRET depending on the OPLAN. If it is a "what-if" task it can be UNCLASSIFIED. The capability classification depends on the task's (a DOC, WMP, OPLAN, or "what-if") classification.

ASSUMPTIONS:

- a. Theatre or region fuel receiving, storage, and transportation system (including Central European Pipeline System or CEPS) is not damaged. This may be modified for "what-if" queries.
- b. NATO Stage A cross-servicing and civilian fuel stocks are not considered.
- c. Sortie duration and fuel consumption are specified by the tasking (e.g., OPLAN/OPORD, unit DOC, or WMP).
- d. Fuels assessments are made by base/wing and aggregated.
- e. Aircraft air aborts and weather attrition factors are not considered.

DATA SOURCE:

The tasking data is computed as described in the Tasking Requirements section. The fuels capability assessment is computed by the AFIRMS Sortie Generation Model. The fuels inventory data is input at the wing for US bases and HQ USAFE for non-US bases. If an interface is developed with CFMS, the inventory data could be obtained from CFMS.

RELATED SCREENS:

Base Fuels Capability
Individual Resource Capability
Integrated Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys No. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGE:

The product must tell the user if resupply was used in the assessment computations.

DATA ELEMENTS:

Element Name	DRD #
Unit Mission	IC
Order Identification	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Unit Employment Day	56F
Unit Name for Tasked Unit	73A
Resource Type Supporting Unit Task	73C
Unit Daily Resource Sortie Capability	73D

PARAMETER SELECTION SCREEN:

FUELS CAPABILITY PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1
1. ORDER IDENTIFICATION									
2. FUELS TYPE 3P-4									
3. FORECAST PERIOD 30									
4. COMMAND UNIT USAF									
5. UNIT MISSION FIGHTER/REECE									
OPLAN 4000M									
Write in a value.									
DISPLAY PRODUCT		RETURN TO TOP MENU		RETURN PREVIOUS MENU		HELP		↑	
KEY # 1	2	3	4	5	6	7	8		
1ST ARRAY OF PARAMETER SCREEN KEYS									
PAGE REVERSE		FULL PG		PAGE FORWARD		SELECT PARAM VALUE		DELETE PARAM VALUE	
KEY # 9	10	11	12	13	14	15	16		
2ND ARRAY OF PARAMETER SCREEN KEYS									

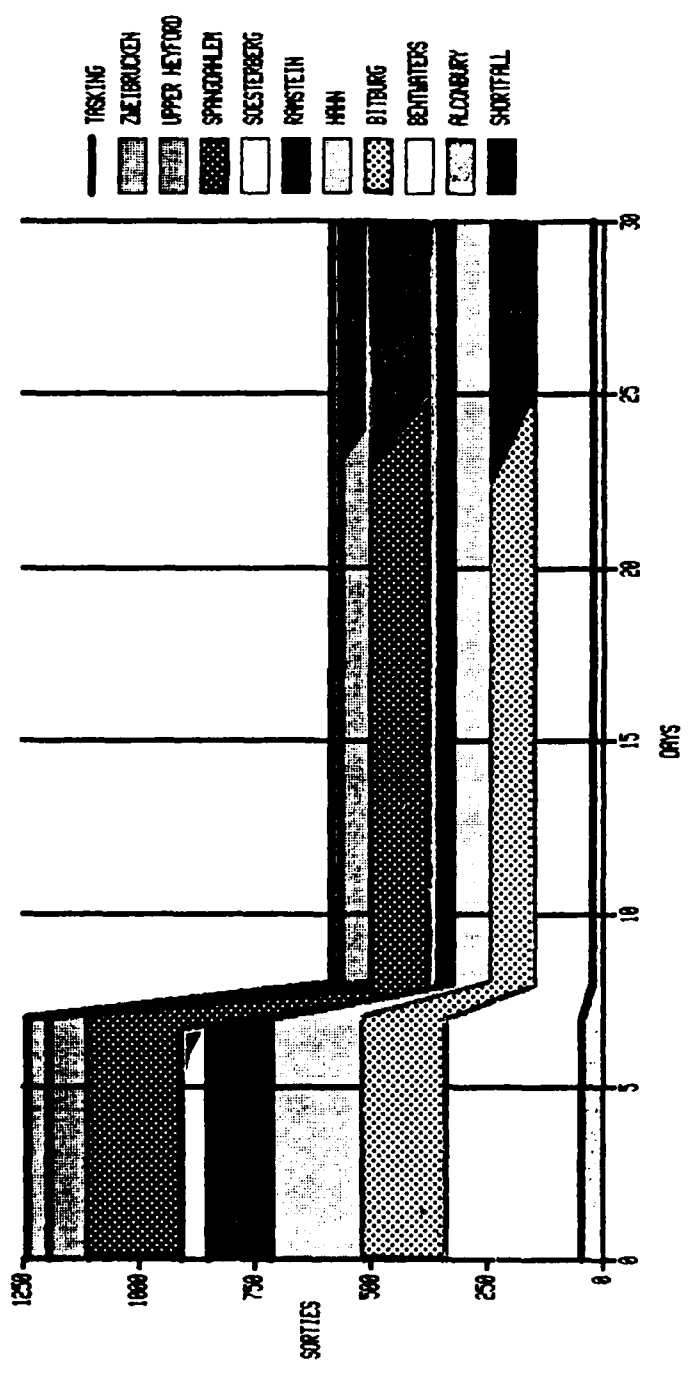
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

TASKING:
OPLAN 4600F 30 APR 1985

UNCLASSIFIED
BASE FUELS CAPABILITY
USAFE JP-4 FIGHTER/RECCE

SCREEN CURRENCY:
30 APR 1985, 1634Z
SCREEN DATA CURRENCY:
ZUL: 016Z
REF: 29 APR 1985, 1725Z



UNCLASSIFIED

13 May 85

1725Z

DISPLAY
PARAM
SELECT

TOP
MENU

PREVIOUS
MENU

UPDATE
SCREEN

SCREEN TITLE: BASE FUELS CAPABILITY

SCREEN NUMBER: MAJ.CAP. .G

SCREEN PURPOSE:

Display the aggregate fuels capability for multiple air bases over time and the ability of each air base fuels section to support the tasking.

USERS:

PRIMARY: LRC

SUPPORTING: Battle Staff

SCENARIO: (Reference baseline scenario.)

Having reviewed the region and/or theatre fuels capability assessment (with and without resupply), the LRC is reviewing the fuels capability of the air bases.

CLASSIFICATION:

The normal classification is expected to be SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. The tasking data has been entered, units tasked, and the units possess or have been allocated fuels resources.
- b. No damage to fuel transportation/receiving/storage capability including CEPS. This may be modified for "what-if" queries.
- c. NATO Stage A cross-servicing and civilian fuel stocks are not considered.
- d. Sortie duration and fuel consumption are specified by the tasking. These are changeable for "what-if" queries.
- e. Aircraft air aborts and weather attrition factors are not considered.

DATA SOURCE:

The tasking data is computed as described in the Tasking Requirements section. The fuels capability assessment is computed by the AFIRMS Sortie Generation Model. The fuels inventory data is input at the wing for US bases and at MAJCOM for non-US bases. If an interface is developed with CFMS, the inventory data could be obtained from CFMS.

RELATED SCREENS:

Fuel Capability
Base Fuels Capability Detail (Planned; not included)
Individual Resource Capability
Integrated Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9)

Keys no. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGES:

The product must tell the user whether fuels resupply is used in the capability assessment.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Unit Mission	1C
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Base Name	56E
Unit Employment Day	56F
Unit Name For Tasked Unit	73A
Resource Type Supporting Unit Task	73C
Unit Daily Resource Sortie Capability	73D

PARAMETER SELECTION SCREEN:

BASE FUELS CAPABILITY PARAMETER SCREEN				
ENVIRONMENT: PEACE	EXERCISE	CRISIS	PAGE 1 of 1	
1. ORDER IDENTIFICATION OPLAN 4000M	6. BASE NAME ALCONBURY BENTWATERS BITBURG HAHN RAMSTEIN SOESTERBERG SPANGDAHLEM UPPER HEYFORD ZWEIBRUCKEN			
2. FUELS TYPE JP-4				
3. FORECAST PERIOD 30				
4. COMMAND UNIT USAF				
5. UNIT MISSION FIGHTER/REECE				
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑

Choose a minimum of 1 value and a maximum of 9.

ALHORN
ALCONBURY
AVIANO
BENTWATERS
BITBURG
HAHN
HORN
INSBIRLIK
LAKEHEATH
LEIPHEIM
NORVENIK H
RAMSTEIN
SEMPACH
SOESTERBERG
SPANGDAHLEM
TORRE XON
UPPER HEYFORD
ZWEIBRUCKEN

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG HALF PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
---	--------------	-----------------	--------------	--------------------	--------------------	-------------------

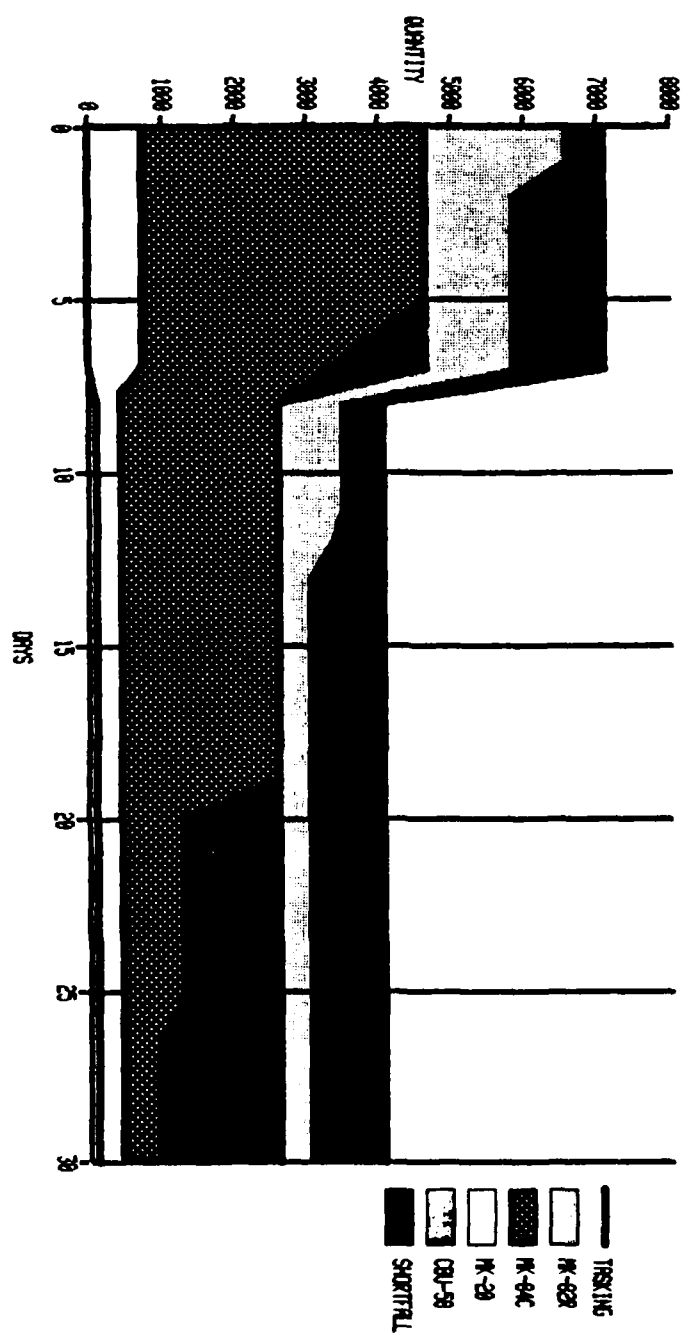
2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16
---------	----	----	----	----	----	----	----

SCREEN DGENCY:
 30 APR 1965, 1634Z
 SCREEN DATA DGENCY:
 TID: DTIC
 ED: 29 APR 1965, 1726Z

UNCLASSIFIED
 MUNITIONS CAPABILITY
 USAFE

TRKING:
 OPLAN 4000 30 APR 1965



DISPLAV
 PRNT
 SLETC

30 Apr 65

UNCLASSIFIED

2351Z

TOP
 NEW

PREVIOUS
 NEW

UPDATE
 SCREEN

10/1-64



BLACK-AND-WHITE VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.



SCREEN TITLE: MUNITIONS CAPABILITY

SCREEN NUMBER: MAJ.CAP. .G

SCREEN PURPOSE:

Display the aggregate tasking by munition type over time and the ability to fill that tasking.

USERS:

PRIMARY: LRC

SUPPORTING: Battle Staff

SCENARIO: (Reference baseline scenario.)

Having reviewed the tasking and the Individual Resource and Integrated Capability, the LRC is reviewing the munitions capability to support the tasking. Of particular interest at the moment is the European theatre munitions capability of MK-20, MK-82, and CBU-58.

CLASSIFICATION:

The normal classification is expected to be SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. The munition build-up uses a standard dictionary with the operations staff deciding the priority of build.
- b. Other munitions can be substituted for the preferred munitions according to the substitution tree made by the operations staff. The system will automatically substitute munitions if more than one SCL is entered for a mission (see Mission Profile Definition product).
- c. Base-level munition capability is computed and aggregated to obtain the theatre's ability.
- d. Current base munitions inventories are used in this assessment.
- e. Munitions capability is not constrained by aircrew qualifications (that would be an aircrew shortfall).

DATA SOURCE:

The tasking is computed as described in the Tasking Requirements section. The munitions capability assessment is computed by the AFIRMS Sortie Generation Model. The base munitions inventory data is input at the base for US bases and by HQ USAF for non-US bases. Distribution of theatre munition depot stocks is entered via the Resupply Schedule product. If an interface is developed with the Combat Ammunition System (CAS), the inventory data could then be obtained from CAS.

RELATED SCREENS:

Munitions Status
Individual Resource Capability
Integrated Capability
Mission Profile Definition
Resupply Schedule
Base Munitions Capability [Planned; not included]
Base Munitions Capability Detail [Planned; not included]
Munitions Shortfall Detail [Planned; not included]

DISPLAY SCREEN FEATURE: (See Product Display Screen Features, page 3-8)

Dynamic Legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9)

Keys no. 1, 3, 4, 5, 6, and 7.

RECOMMENDED CHANGES:

The product must tell the user whether munitions resupply or substitution is used in the capability assessment.

DATA ELEMENTS:

- | | |
|--------------------------------------|--------------|
| <u>Element Name</u> | <u>DRD #</u> |
| Order Identifier | 54A |
| Order Date | 54E |
| Order Change Number | 54G |
| Order Classification | 54K |
| Tasked Unit Name | 56A |
| Unit Employment Day | 56F |
| Resource Type Supporting Unit Task | 73C |
| Unit Daily Resource Quantity Capable | 73F |
| Unit Daily Resource Amount Tasked | 73L |

PARAMETER SELECTION SCREEN:

MUNITIONS CAPABILITY PARAMETER SCREEN								
ENVIRONMENT:		PEACE	EXERCISE	CRISIS	PAGE 1 of 1			
<p><input type="checkbox"/> 1. ORDER IDENTIFICATION</p> <p>2. MUNITION TYPES MK-20 MK-82C MK-82R CBU-58</p> <p>3. FORECAST PERIOD 30</p> <p>4. COMMAND UNIT USAFE</p> <p>OPLAN 4000</p> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto; text-align: center;">Write in a value.</div>								
DISPLAY PRODUCT				RETURN TO TOP MENU	HELP			↑

KEY # 1	2	3	4	5	6	7	8
1ST ARRAY OF PARAMETER SCREEN KEYS							
←	PAGE REVERSE	FULL PG HALF PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	
KEY # 9	10	11	12	13	14	15	16

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

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10/1-68

30071

1.3 Determine Unit/Base Resource Status Products

The product screens in this section support the OSC/CSS activities in determining the status of resource support capability of the wings/bases during a contingency.

SCREEN TITLE

Resource Reallocation
Base Status Map
Fuel Status Map
Base Status (Output version)
Base Status (Input version)
Unit Status (Output version)
Unit Status (Input version)
Communication Support Status
Munitions Status
Wing Resource Summary
Attrition Trends
Attrition Statistics
Base Fuels Status [Planned; not included]
Aircraft Spares Status [Planned; not included]
Maintenance Status [Planned; not included]
Aerial Port Status [Planned; not included]
Base Communications Status Detail [Planned; not included]

There is a hierarchy to the resource status screens in this section. The idea is to provide the status information at a high, summarized level and, then, if more detail is needed, to move down within the hierarchy to a lower level display containing increasing amounts of detail and covering a narrower focus. There will be about four display levels, with the lowest level containing detailed unit information including the commander's remarks.

The basic concept of each screen is to highlight problem areas so the user/viewer can spot those quickly and then, if desired, scan the "good" areas.

User interaction will generally be of two types:

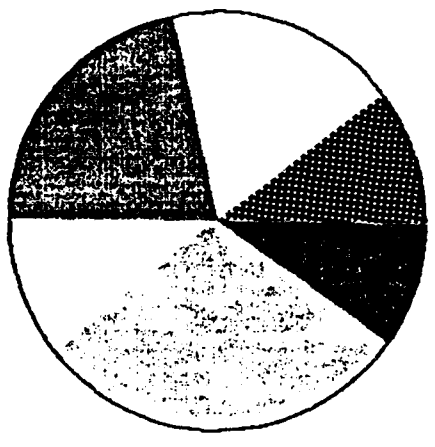
1. Screen interrogation with the cursor, if more detail on a single base or unit is desired.
2. Duplicating unit resource data (used in computing unit capability) and modifying it for what-if queries.

The latter interaction will affect the respective resource capability screens in the previous section, but will not affect the tasking screens.

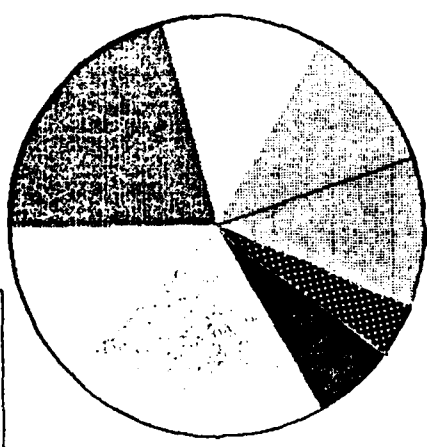
TASKING:
OPLAN 4000N 30 APR 1985

UNCLASSIFIED
RESOURCE REALLOCATION
AIM-7

SCREEN CURRENCY:
30 APR 1985, 1634Z
SCREEN DATA CURRENCY:
TU: 010Z
MU: 29 APR 1985, 1752Z



AFTER
% OF
TOTAL
QUANTITY
(RND5)



BEFORE

REQUIREMENT	% REQ	QTY BEFORE	UNIT	QTY AFTER	% REQ
800	RND5 75.0	REALLOCATION 600	32TFS	REALLOCATION 500	62.5
2400	RND5 41.7	1000	36TFW	1400	58.3
900	RND5 33.3	300	39TG	500	55.6
800	RND5 25.0	200	40TG	450	56.3
0	RND5 0.0	550	50IT	0	0.0
1500	RND5 36.7	550	52TFW	0	0.0
1600	RND5 37.5	600	71TFS	950	59.4
1800	RND5 55.6	1000	86TFW	1000	55.6
9800	RND5 48	4800	TOTAL USAFE	4800	48

1837Z

UNCLASSIFIED

30 Apr 85

PAGE 1 OF 1

FILE ACTY []

NAME RESERVE DATA []

ADD RESERVE DATA []

DELETE RESERVE DATA []

END []

SCREEN TITLE: RESOURCE REALLOCATION

SCREEN NUMBER: MAJ.STAT. .G

SCREEN PURPOSE:

Display the distribution of resources before and after any reallocation among the units.

USERS:

PRIMARY: LRC

SUPPORTING: Battle Staff

SCENARIO: (Reference baseline scenario.)

In this instance, the Battle Staff has asked the LRC to reallocate the AIM-7 munitions to equalize the unit pro rata distribution. The LRC is evaluating the impact on other units.

CLASSIFICATION:

The normal classification is expected to be SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. Fuels and munitions inventory data is available.
- b. Fuels and munitions requirements data is available.
- c. Proposed reallocation data has been entered.

DATA SOURCE:

The resource requirement/tasking is computed by AFIRMS at unit level and aggregated. It may also be input as a lump sum by the user. The resource inventory data is input by the unit/base for US bases and by the MAJCOM for theatre stocks and non-U.S. bases. If interfaces are developed with CFMS and CAS, the inventory data could be obtained from those systems.

RELATED SCREENS:

Munitions Status
USAF Munitions Inventory Detail [Planned; not included]
Fuels Status [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor
Paging/Scrolling
The pie chart (is special programming)
(The pie chart, "% REQ" percentages and "TOTAL USAFE" totals are not database values but are computed by the program each time the product is displayed)

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16.

RECOMMENDED CHANGES:

Change the unit names to base names.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Resource Unit of Measure	5E
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Tasked Unit Name	56A
Resource Amount Tasked/Required	73L
Resource Current Amount	13H
Resource Reallocated Amount	13K

PARAMETER SELECTION SCREEN:

RESOURCE REALLOCATION PARAMETER SCREEN										
ENVIRONMENT			PEACE	EXERCISE	CRISIS	PAGE 1 of 1				
<p><input type="checkbox"/> 1. ORDER IDENTIFICATION</p> <p>2. RESOURCE AIM-7</p> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto; text-align: center;">Write in a value.</div>										
OPLAN 4000M										
DISPLAY PRODUCT	2	3	4	5	6	7	8	9	10	
RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	→							
1ST ARRAY OF PARAMETER SCREEN KEYS										
PAGE REVERSE ←	FULL PG	PAGE FORWARD	11	12	13	14	15	16	ENTER PARAM VALUE	
←	HALF PG	SELECT PARAM VALUE	DELETE PARAM VALUE							ENTER PARAM VALUE
2ND ARRAY OF PARAMETER SCREEN KEYS										
KEY # 9	10	11	12	13	14	15	16			

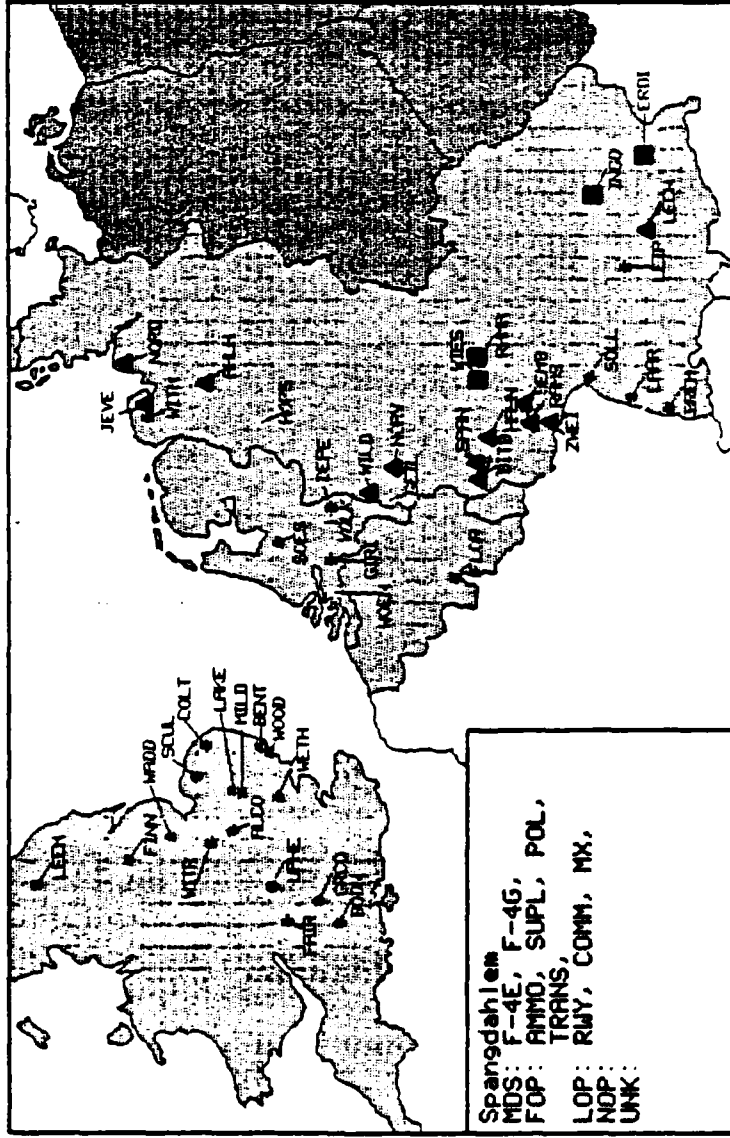
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS Implementation.

**UNCLASSIFIED
BASE STATUS MAP
CENTRAL REGION**

SCREEN CURRENCY:
30 APR 1985.1535Z
SCREEN DATA CURRENCY:
DUE:
NEW: 30 APR 1985.1535Z

STATUS AS OF:
30 APR 1985.1535Z



1984

UNCLASSIFIED

30 Apr 85

DISPLAY	STRT	TOP	PREVIOUS	REFRESH
PARAM	DATA	MENU	MENU	SCREEN
SELECT	UPDT	MENU	MENU	SCREEN
	DOWN			

SCREEN TITLE: STATUS MAP

SCREEN NUMBER: MAJ.STAT. .G

SCREEN PURPOSE:

To provide a high level review of the operational status of bases or base resource areas with a geographical context. Limited detail pertaining to the status of any of the displayed bases is also available.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC, ALCC, JRCC, ESRC, PRC,
Communications RC, Reports Cell

SCENARIO: (Reference baseline scenario.)

Before reviewing the various base, unit, and/or resource status reports, the senior staff is reviewing the operational status of the U.S. fighter and reconnaissance Main Operating Bases (MOBs) and Collocated Operating Bases (COBs) in the Central Region.

CLASSIFICATION:

SECRET when a base's operational status is not fully operational or when the unit's MDS and base location are associated with a specific exercise or crisis scenario.

ASSUMPTIONS:

- a. AF-wide terms do not have to be used. (COB, FOP, LOP, NOP are unique to USAFE.)
- b. Base operational status criteria and definition do not have to be an AF-wide standard but they must be a MAJCOM-wide standard.

DATA SOURCE:

The data is normally input on the Wing's AFIRMS and transmitted to USAFE's AFIRMS database. In due course, USAFE transmits it to the Air Staff AFIRMS database. A backup method is for the USAFE CSS to input the data when the normal method is not possible.

RELATED SCREENS:

Base Status (Output)
Base Status (Input)
Unit Status (Output)
Unit Status (Input)

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Ability to interrogate base position for limited information
Ability to toggle the base information box off
Ability for the user to add and/or delete bases from the map
Zoom
Data update notification
Dynamic Legend
Dynamic base display (i.e., choice of base types is a parameter selection)
Base position color coded depending on the value of the base's operational status

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Key no. 1, 3, 4, 5, 6, 7, 17, and 18.

RECOMMENDED CHANGES:

1. Include an automated way for the nontechnical user to add/delete bases to/from the map.
2. Include a Captured category in the base operational status.

DATA ELEMENTS:

Element Name	DRD #
Unit Mission	IC
Unit Short Name	IF
Aircraft MDS	11C
Base Name	53A
Base Type	53B
Base Geographical Area	53C
Base Status	53D
Base Status As Of DTG	53H
Base Short Name	53J
Resource Name	96B
Resource Status	96C

PARAMETER SELECTION SCREEN:

STATUS MAP PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1. GEOGRAPHIC REGION MAP CENTRAL REGION</p> <p>2. BASE TYPE MOB</p> <p>3. UNIT MISSION FIGHTER/REECE</p> <p><input checked="" type="checkbox"/> RESOURCE AREA BASE</p> </div> <div style="width: 45%; border: 1px solid black; padding: 5px;"> <p>Choose a minimum of 1 value and a maximum of 1.</p> <p>BASE COMMUNICATIONS</p> <p>FUELS</p> <p>MAINTENANCE</p> <p>MUNITIONS</p> <p>RUNWAY</p> <p>SUPPLY</p> <p>TRANSPORTATION</p> </div> </div>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	↑	→	↘

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY #	1	2	3	4	5	6	7	8
	←	PAGE REVERSE	FULL PG HALF PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	↘
KEY #	9	10	11	12	13	14	15	16

2ND ARRAY OF PARAMETER SCREEN KEYS

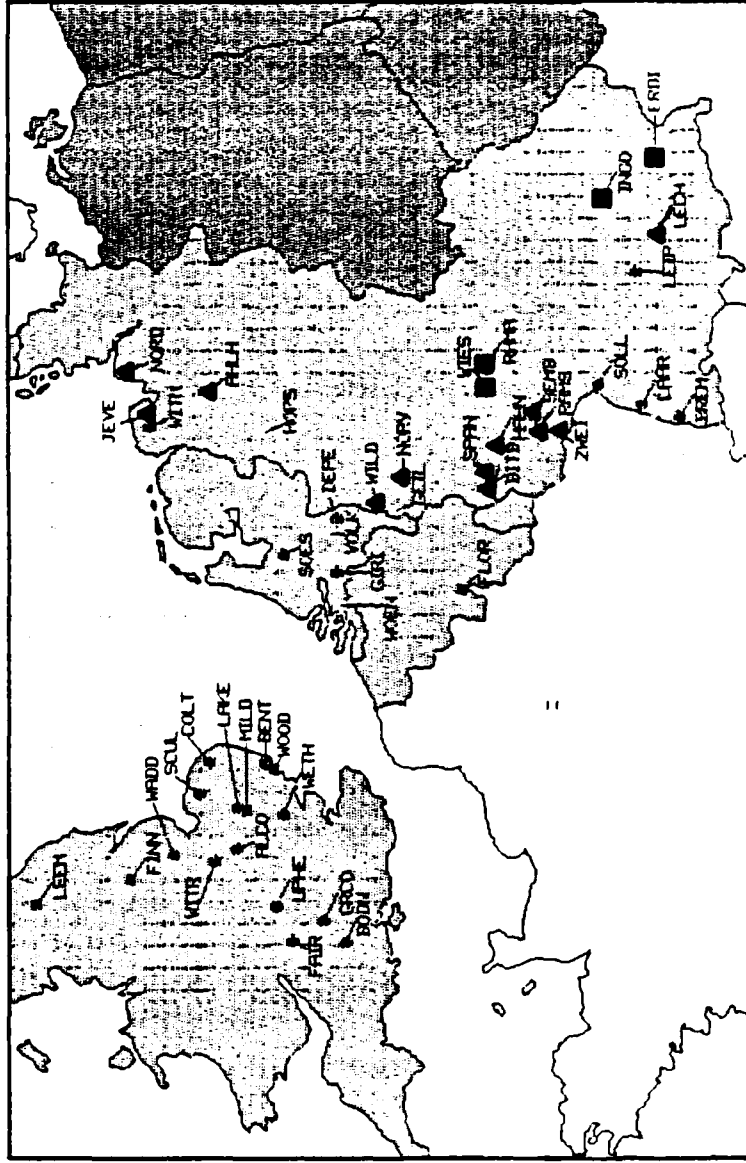
BLACK-AND-WHITE TABULAR VERSION:

Not applicable. See Base Status product.

UNCLASSIFIED FUELS STATUS MAP CENTRAL REGION

SCREEN CURRENCY:
30 APR 1985, 1553Z
SCREEN DATA CURRENCY:
DU: DTGZ
NEW: 30 APR 1985, 1553Z

STATUS AS OF:
30 APR 1985, 1553Z



BASE STATUS
 ● FOP
 ▲ LOP
 ■ NOP
 ○ UNK

BASE TYPE
 COB
 MOB

UNIT TYPE
 FIGHTER/RECCE

UNCLASSIFIED

30 Apr 85	1984Z	PREVIOUS MENU	REFRESH SCREEN
DISPLAY 10	HAND COPY	TOP MENU	HELP
SELECT	123123	SELECT	SELECT

SCREEN TITLE: STATUS MAP (Fuels Variation)

SCREEN NUMBER: MAJ.STAT. .G

SCREEN PURPOSE:

Provide a reference map of area bases color-coded to indicate the base fuels operational status.

SCENARIO: (Reference baseline scenario.)

After receiving the various base, unit, and/or resource status reports, the LRC is reviewing the base fuels operational status at the fighter and reconnaissance MOBs and COBs in Europe's Central Region.

PARAMETER SELECTION SCREEN:

Change the 4th parameter's choice to FUELS versus BASE.

UNCLASSIFIED

BASE STATUS

ALL MISSIONS ALL BASE TYPES

CENTRAL

STATUS AS OF:
30 APR 1985, 1518Z

SCREEN CURRENCY:
30 APR 1985, 1518Z
SCREEN DATA CURRENCY:
010Z
NET: 30 APR 1985, 1517Z

BASE STAT	BASE NAME	BASE ETIC	ATCK	R W Y	COMM	AMMO	SUPP	POLL	TRAN
N	AHLHORN	061200Z MAY	CON	N	L	L	L	L	L
	BITBURG	061100Z MAY	CHE	L	N	L	L	L	L
	ERDING	061000Z MAY	BIO	L	N	L	L	L	L
	GEILENKIRCHEN	UNKNOWN	CON	N	U	U	U	U	U
	INGOLSTADT	UNKNOWN	NUC	L	N	L	L	L	L
	RHEIN MAIN	060900Z MAY	CON	N	N	L	L	L	L
	WIESBADEN	060800Z MAY	CON	N	N	L	L	L	L
L	HAAH				L				
	JEYER				L	L	L	L	L
	NORVENICH				L	L	L	L	L
	RAMSTEIN								

191Z

UNCLASSIFIED

30 APR 85

PAGE 1 OF 4

PAGE REV
HALF PG

PAGE FWD

SCREEN TITLE: BASE STATUS

SCREEN NUMBER: MAJ.STAT. .G

SCREEN PURPOSE:

Display the base status, highlighted to quickly show problem bases/areas. The format is designed for use with a large screen video display.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC, PRC, ESRC, ALCC, JRCC, Reports Cell, SAC Control Element, Communications RC

SCENARIO: (Reference baseline scenario.)

After viewing the Base Status Map, the user desires more information on the bases in Europe.

CLASSIFICATION:

This product is UNCLASSIFIED when all bases are fully operational (FOP). When any base becomes limited or not operational (LOP or NOP), the product is SECRET.

ASSUMPTIONS:

- a. AF-wide terms do not have to be used (e.g., COB, FOP, LOP, NOP are unique to USAF).
- b. Theatre criteria exist (or will exist) to aid the wing commander in determining the operational status of each wing/base resource. The assessment is subjective.
- c. Base operational status criteria and definition do not have to be an AF-wide standard but they must be a MAJCOM-wide standard.

DATA SOURCE:

The bases report their status to the HQ USAF OSC via AFIRMS which, in turn, accumulates the information and reports it to HQ USAF via AFIRMS.

RELATED SCREENS:

Status Map
Unit Status
Communication Status
Munitions Status [Planned; not included]
Fuels Status [Planned; not included]
Supply Status [Planned; not included]
Maintenance Status [Planned; not included]
Transportation Status [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Output screen only
Paging/Scrolling
Field coloring
Data Change Indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1,2,4-7,9-11 and 15.

RECOMMENDED CHANGES:

- a. Unless the product is used for a large screen video, reduce the character size for the color terminal to a 2x2 pixel size.
- b. Add a column for aircraft MD (not MDS). (Analysis will determine if a second column is needed for bases with multiple MD. Using MD versus MDS will resolve some of that but not all.)
- c. For color terminals, use color codes instead of letters for resource operational status (right side).
- d. Delete Base ETIC column (or reduce ETIC to the day, e.g., 06 May).
- e. Include a Captured category in the base operational status.
- f. Include a legend either at the side or on the bottom.
- g. Add a data sort parameter so the user can view the data in the desired sorted sequence.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Unit Mission	IC
Unit Name	IF
Base Name	53A
Base Type	53B
Base Geographic Area	53C
Base Operational Status	53D
Base Attack Status	53E
Base ETIC	53F
Base Status As of DTG	53H

<u>Element Name</u>	<u>DRD #</u>
Base Country Name	53K
Resource Name	96B
Resource Status	96C

PARAMETER SELECTION SCREEN:

BASE STATUS PARAMETER SCREEN									
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 3					
1. GEOGRAPHIC REGION	6. BASE OPERATIONAL STATUS			<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Choose a minimum of 1 value and a maximum of 1. </div> ALL MISSIONS AIRLIFT BOMBER FIGHTER REECE SUPPORT TANKER					
CENTRAL	ALL STATUSES								
2. COUNTRY NAME	7. BASE NAME								
ALL COUNTRIES	ALL BASES								
3. BASE TYPE	4. UNIT MISSION								
ALL BASE TYPES	ALL MISSIONS								
5. BASE ATTACK STATUS	6. BASE ATTACK STATUS								
ALL EVENTS	ALL EVENTS								
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑					
KEY # 1	2	3	4	5	6	7	8		
1ST ARRAY OF PARAMETER SCREEN KEYS									
←	PAGE REVERSE	FULL PG HALF PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE			
KEY # 9	10	11	12	13	14	15	16		
2ND ARRAY OF PARAMETER SCREEN KEYS									

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 8 MAY 1985,1411Z
 OLD: DTG Z
 NDH: 30 APR 1985,1714Z

UNCLASSIFIED
 BASE STATUS

STATUS AS OF:
 8 MAY 1985,1411Z

CENTRAL ALL MISSIONS ALL BASE TYPES

IBASE	STATUS	BASE NAME	BASE	ETIC	ATCX	IRMY	COMM	AMND	SUPL	POL	TRANI
IN		HAHLHORN	061200Z	MAY	CON	IN	IL	IL	IL	IL	IL
IN		BITBURG	061100Z	MAY	CHE	IL	IN	IN	IL	IL	IL
IN		ERDING	061000Z	MAY	BIO	IL	IN	IL	IL	IN	IN
IN		GETTENKIRCHEN	UNKNON		CON	IN	IL	IL	IL	IL	IL
IN		INGOLSTADT	UNKNON		NUC	IL	IN	IL	IL	IL	IL
IN		RHEIN MAIN	060900Z	MAY	CON	IN	IN	IL	IL	IN	IN
IN		WIESBADEN	060800Z	MAY	CON	IN	IN	IL	IL	IN	IN
IL		HANN						IL			
IL		JEVER						IL		IL	IL
IL		NOORVENTICH						IL	IL	IL	IL
IL		SENBACH						IL	IL	IL	IL
IL		SPANGDALEM						IL	IL	IL	IL

PAGE 1 OF 4

8 May 85

UNCLASSIFIED

1411Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			SCREEN
				SCREEN

UNCLASSIFIED
BASE STATUS

CENTRAL ALL MISSIONS ALL BASE TYPES

STATUS AS OF:
30 APR 1985, 1400Z

SCREEN CURRENCY:
30 APR 1985, 1518Z
SCREEN DATA CURRENCY: DTGZ
DLD:
NEW: 30 APR 1985, 1517Z

NAME	BASE	STATUS	ETIC	ATK	OPERATIONAL STATUS	REMARKS	
BALDORN	NOP	861200Z	WRT/CON	NOP	LOP	LOP	TRUNKY AND TRUNKY CRATERED
ALCOBURY	POP				POP	POP	
BENTWATERS	POP				POP	POP	
BITBURG	NOP	861100Z	WRT/CHK	LOP	NOP	LOP	NEED REPLACEMENT MAINTION LOBO CREWS
BOSCOMBE DOWN	POP				POP	POP	
BRECKENRICH	POP				POP	POP	
COLTISWALL	POP				POP	POP	
DE PEEL	POP				POP	POP	
EDDING	LOP	861000Z	WRT/ID	LOP	NOP	NOP	TRAINING, FIELDS, AND TRUCKS PERIS TILL WITH UNKNOWN VIRUS
FALLENBURY	POP				POP	POP	
FINDON	POP				POP	POP	
FLORES	POP				POP	POP	
GILBERTON	NOP	UNKNOWN			UNK	UNK	TRUCK SHOWS RUNWAY INOP WITH CRACKS
GREENHAM COMMON	POP				POP	POP	
HEARN	LOP				LOP	LOP	
ROSTON	UNK				UNK	UNK	TRUCK SHOWS RUNWAY OK
THROGSTADT	NOP	UNKNOWN			NOP	NOP	BASE UNUSABLE
JEVER	LOP				LOP	LOP	
LEHR	POP				POP	POP	

1800Z

UNCLASSIFIED

30 Apr 85

PAGE 1 OF 3

PAGE REV
 PAGE FWD
 HALF PG
 CHANGE STATUS DATA
 SEARCH
 LIST
 PRINT
 EXIT

SCREEN TITLE: BASE STATUS (INPUT VERSION)

SCREEN NUMBER: MAJ.STAT. .T

SCREEN PURPOSE:

This version of the Base Status screen provides an input capability.

SCENARIO: (Reference baseline scenario.)

AFIRMS Communication links are down between HQ USAFE and the units. The CSS has received the base status information via secure telephone other secure means.

DATA SOURCE:

The CSS is inputting the base status data into the data base.

DISPLAY SCREEN FEATURES: See Product Display Screen Features, page 3-8.

Full Screen Editor
Paging and Scrolling
Data Change Indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, Page 3-9.)

Keys No. 1, 2, 4-7, and 9-16.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Base Status Remarks	53G

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 8 MAY 1985,1409Z UNCLASSIFIED
 OLD: DTG Z BASE STATUS
 NEW: 30 APR 1985,1714Z CENTRAL ALL MISSIONS ALL BASE TYPES

STATUS AS OF:
 8 MAY 1985,1409Z

NAME	BASE	STAT	ETIC	(ATK)	OPERATIONAL STATUS	REMARKS
JALHORN	INOP	061200Z	MAY	CON	INOP	LOP
JALCONBURY	FOP				FOP	LOP
JBENTWATERS	FOP				FOP	LOP
JBITBURG	INOP	061100Z	MAY	CHE	INOP	LOP
JBOSCOMBE DOWN	FOP				FOP	LOP
JBREMGARTEN	FOP				FOP	LOP
JCOLTISHALL	FOP				FOP	LOP
JDE PEEL	FOP				FOP	LOP
JERDING	INOP	061000Z	MAY	BIO	LOP	INOP
JFAIRFORD	FOP				FOP	LOP
JFINNINGLY	FOP				FOP	LOP
JFLORENES	FOP				FOP	LOP

RUNWAY AND TAXIWAY CRATERED
 NEED REPLACEMENT MUNITION LOAD CREWS
 MAINT, FUELS, AND TRANS PERS ILL WITH UNKNOWN VIRUS

PAGE 1 OF 4

8 May 85

UNCLASSIFIED

1409Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

SCREEN CURRENCY:
30 APR 1985.1400Z
SCREEN DATA CURRENCY:
076Z
DLG: 30 APR 1985.1400Z

UNCLASSIFIED
UNIT STATUS
CENTRAL ALL MDS

STATUS AS OF:
30 APR 1985.1400Z

UNIT NAME	AIRCRAFT			MR CRW	LOCATION		
	MDS	PAA	POS		MC	BASE	STATUS
91TFS	A-10A	18	6	6	9	AHLH NOP	061200Z MAY
17RW	TR-1A	6	6	4	9	ALCO FOP	
1TRS	RF-4C	18	18	14	21	ALCO FOP	
527TFS	F-5E	18	18	17	23	ALCO FOP	
509TFS	A-10A	18	18	16	23	BENT FOP	
510TFS	A-10A	18	12	9	14	BENT FOP	
511TFS	A-10A	18	18	16	23	BENT FOP	
92TFS	A-10A	18	12	11	15	BENT FOP	
1TRS	RF-4C	18	22	22	22	BITB NOP	061100Z MAY
22TFS	F-15C	22	23	13	29	BITB NOP	061100Z MAY
	F-150	2	22	0	0	BITB NOP	061100Z MAY
525TFS	F-15C	22	23	16	29	BITB NOP	061100Z MAY
	F-150	2	1	1	0	BITB NOP	061100Z MAY

PAGE 1 OF 5

30 Apr 85

2800Z

UNCLASSIFIED

SCREEN TITLE: UNIT STATUS

SCREEN NUMBER: MAJ.STAT. .T

SCREEN PURPOSE:

Display operational status of unit aircraft and aircrews on a large screen video display.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC, PRC, JRCC, ALCC, SAC Control Element, Reports Cell

SCENARIO: (Reference baseline scenario.)

During the excitement and confusion of the initial stages of a conflict/crisis, it is difficult to keep an accurate "scorecard" of the deploying units to know "who's on first." The biggest need for such information is knowing what units are at particular locations that may need support and/or can be used.

CLASSIFICATION:

This product is classified SECRET (this is test data).

ASSUMPTIONS: None.

DATA SOURCE:

The units report their status to the HQ USAF OSC via AFIRMS. USAF, in turn, accumulates the information and reports it to HQ USAF via AFIRMS.

RELATED SCREENS:

Base Status
Unit Status (Input)

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Output screen only
Paging/Scrolling
Field coloring
Data change indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-11, and 15.

RECOMMENDED CHANGES:

- a. Unless the product is used for a large screen video, reduce the character size for the color terminal to a 2x2 pixel size.
- b. For color terminals, use color codes instead of a value for base status.
- c. Delete the Base ETIC.
- d. Delete Aircraft PAA.
- e. Add a data sort parameter so the user can view the data in the desired sorted sequence.
- f. Add a column for unit mission, i.e., air-air, air-ground.

DATA ELEMENTS:

Element Name	DRD #
Unit Name	13A
Resource Designator (MDS)	13B
Resource Authorized Amount (PAA)	13C
Resource Current Amount (POS)	13H
Base Name	13J
Aircrews MR	13P
Aircraft MC	13Q
Base Geographical Area	53C
Base Operational Status	53D
Base ETIC	53F
Base Short Name	53J
Base Country Name	53K

PARAMETER SELECTION SCREEN:

UNIT STATUS PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 3			
<p>1. GEOGRAPHIC REGION CENTRAL REGION</p> <p>2. COUNTRY NAME ALL COUNTRIES</p> <p>3. UNIT AIRCRAFT MDS ALL MDS</p> <p>4. BASE NAME ALL BASES</p> <p>5. UNIT NAME ALL UNITS</p>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	→	↶	↷

Choose a minimum of 1 value and a maximum of 5.
 ALL MDS
 FIGHTER/REECE
 AIRLIFT
 BOMBER
 RESCUE
 SUPPORT
 TANKER
 A-7
 A-10
 F-4
 F-15
 F-16
 F-111

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16

10/1-90

34501

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 15 MAY 1985,1438Z
 OLD: DTG Z
 NEW: 30 APR 1985,1708Z

UNCLASSIFIED
 UNIT STATUS
 CENTRAL ALL MDS

STATUS AS OF:
 15 MAY 1985,1438Z

UNIT	AIRCRAFT	IMR	LOCATION
19LTF	A-10A	18 16 16 19	AHLH NOP 061200Z MAY
17MA	TR-1A	16 16 14 19	ALCO FOP
11TR	RF-4C	18 18 14 21	ALCO FOP
5271F	F-5E	18 18 17 23	ALCO FOP
5091F	A-10A	18 18 16 23	BENT FOP
5101F	A-10A	18 12 9 14	BENT FOP
5111F	A-10A	18 18 16 23	BENT FOP
921F	A-10A	18 12 11 15	BENT FOP
11TR	RF-4C	18 22 22 22	BITB NOP 061100Z MAY
221F	F-15C	22 23 18 29	BITB NOP 061100Z MAY
	F-15D	2 22 10 10	BITB NOP 061100Z MAY
5251F	F-15C	22 23 16 29	BITB NOP 061100Z MAY

PAGE 1 OF 6

15 May 85

UNCLASSIFIED

1438Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

SCREEN CURRENCY:
30 APR 1985.1719Z
SCREEN DATA CURRENCY:
DLO: 0112
MEL: 30 APR 1985.1708Z

UNCLASSIFIED
UNIT STATUS
CENTRAL ALL MDS

STATUS IS OF:
30 APR 1985.1719Z

UNIT NAME	AIRCRAFT				MR	LOCATION		
	MDS	PAR	POS	MC		CRW	BASE	STATUS
22TFS	F-15C	22	23	18	29	BITB	NOP	061100Z MAY
	F-15D	2	22	0	0	BITB	NOP	061100Z MAY
525TFS	F-15C	22	23	16	29	BITB	NOP	061100Z MAY
	F-15D	2	1	1	0	BITB	NOP	061100Z MAY
53TFS	F-15C	22	21	17	29	BITB	NOP	061100Z MAY
	F-15D	2	23	1	0	BITB	NOP	061100Z MAY
111TG	KC-135A	0	18	16	24	FAIR	FOP	
405TMS	BGM-109	16	16	15		FLO	FOP	
111TMS	BGM-109	16	16	14		GRCO	FOP	
10TFS	F-16A	22	24	19	28	HAAH	LOP	
	F-16B	2	1	0	0	HAAH	LOP	
313TFS	F-16A	22	23	17	28	HAAH	LOP	
	F-16B	2	1	1	0	HAAH	LOP	
496TFS	F-16A	22	23	17	29	HAAH	LOP	
	F-16B	2	1	1	0	HAAH	LOP	
492TFS	F-111F	24	24	16	30	LAKE	FOP	
493TFS	F-111F	18	18	12	23	LAKE	FOP	
494TFS	F-111F	24	24	16	30	LAKE	FOP	
495TFS	F-111F	12	12	8	10	LAKE	FOP	
92TFS	A-10A	18	6	6	9	LEIP	FOP	

2118Z

UNCLASSIFIED

30 APR 85

PAGE 1 OF 4

PAGE REV
 FULL PG
 PAGE END
 CHANGE STATUS
 DATA

SCREEN TITLE: UNIT STATUS (INPUT VERSION)

SCREEN NUMBER: MAJ.STAT. .T

SCREEN PURPOSE:

This version of the Unit Status screen provides an input capability.

SCENARIO: (Reference baseline scenario.)

AFIRMS communications links are down between HQ USAFE and the units. The CSS has received the unit status information by secure telephone or other secure means.

DATA SOURCE:

The CSS inputs the unit status data into the data base.

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full Screen Editor

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

CLASSIFICATION COMMUNICATIONS SUPPORT STATUS CENTRAL REGION

SCREEN CURRENCY:
DTG
SCREEN DATA CURRENCY:
DTG
DTG

STATUS AS OF:
15 AUG 83, 0600Z

BASE	TOWER	RAPCON /GCA	TACAN	AUTODIN	SECURE VOICE	CMD POST	CABLE PLANT	OVERALL	ETIC
AHLHORN									
SPANGDAHLEN	A								161300Z
BITBURG									
HAHN	A								
LEIPHEIM									
NORVENICH									
RAMSTEIN									
RHEIN-MAIN									
SEMBACH									
SOESTERBERG									
WEISBADEN									
ZWEIBRUCKEN									

FOP	
LOP	
NOP	
ALT FAC	A

SCREEN ID NO.:

0700Z

15 AUG 83 CLASSIFICATION

SCREEN TITLE: COMMUNICATIONS SUPPORT STATUS

SCREEN NUMBER: MAJSTAT. .G

SCREEN PURPOSE:

Present the status of base communications resources.

USERS:

PRIMARY: Communications RC

SUPPORTING: Reports Cell, Battle Staff, ALCC, JRCC

SCENARIO: (Reference baseline scenario.)

After viewing the Base Status product, the Communications RC user wants to see more detailed information on communications in the Central Region.

CLASSIFICATION:

This product is UNCLASSIFIED when all bases are fully operational (FOP). When any base becomes limited or not operational (LOP or NOP) the product is SECRET.

ASSUMPTIONS:

An overall communications status is assigned based on component statuses.

DATA SOURCES:

- a. The bases report their status to the HQ USAFE OSC via AFIRMS. USAFE, in turn, accumulates the information and reports it to HQ USAF via AFIRMS.
- b. When communication links between the OSC and the unit are down, the Communications RC user will input the data.
- c. AF-wide terms do not have to be used (e.g., FOP, LOP, NOP are unique to USAFE).

RELATED SCREENS:

Base Status
Status Map
Base Communication Status Detail [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Output screen only
Paging/Scrolling
Field coloring
Data change indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-11, and 15.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED MUNITIONS STATUS USAF

SCREEN CURRENCY:
30 APR 1985, 1405Z
SCREEN DATA CURRENCY:
DTZ
REV: 30 APR 1985, 1405Z

STATUS AS OF:
30 APR 1985, 1405Z

BASE NAME	AIR INTERCEPT MISSILE (AIM)				AIR-GROUND MISSILE (AGM)				DISPENSERS				BOMBS				GUN ARMD (x 000)		FLARES NU-2			
	7E	7F	7H	7J	9P	45A	65A	65B	78	CBUS2	CBUS8	CBU71	MK-20	MK-82C	CBU-12	MK-82B	MK84C	CBU101H		20MM	30MM	
16AF RESIDUAL	0	0	0	0	0	100	0	0	0	0	2000	2000	0	1000000	0	2000000	300	0	4000	0	0	0
17AF	300	0	0	0	300	0	500	0	0	0	200	700	500	0	0	0	0	0	200	0	0	3000
CP DABBY	0	0	0	0	0	0	0	0	0	0	7000	0	0	0	0	0	0	0	200	0	0	0
CP DUCKY	1100	0	0	0	400	0	100	100	0	2000	1500	1000	2500	0	0	2000	2000	0	200	0	0	0
TOURAJON	0	0	0	0	0	0	0	0	0	0	0	0	0	2000	0	2000	0	0	4000	0	0	0
17AF RESIDUAL	0	0	0	0	0	0	0	0	0	2000	2000	0	2000	10000	0	10000	2000	0	2000	0	5000	0
8178LBS	0	400	400	0	100	0	300	0	0	0	1500	0	500	0	0	0	0	0	2000	0	0	0
PHAN	0	0	0	0	500	0	0	1500	0	1500	0	500	5000	0	6000	0	0	0	1000	0	0	0
ROVSTEIN	500	0	0	0	300	0	400	0	0	1500	0	500	3000	0	3000	100	0	0	1000	0	0	0
SUSITPBRG	0	600	200	0	1500	0	0	0	0	0	0	0	0	0	0	0	0	0	2500	0	0	0
SPANGHLEH	3200	0	0	0	2000	650	375	0	100	204	654	300	2630	3500	401	4301	240	600	500	0	0	0
MENTGARTH	0	0	0	0	0	400	1000	0	0	4000	4000	4000	6000	3000	0	3000	500	0	500	0	3500	0
ZETROUCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6000
3AF RESIDUAL	0	0	0	0	0	0	0	0	0	600	6500	0	40000	0	40000	10000	0	0	0	0	0	0
ALCONBURY	0	0	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6000
BENTWITERS	0	0	0	0	0	0	0	0	0	700	0	500	100	0	700	600	0	0	500	0	1700	0
LANEWEATH	0	0	100	0	0	0	0	0	1500	0	2000	1000	0	0	1500	900	0	0	0	0	0	0
UPPER HEYFORD	0	0	0	0	0	0	0	0	750	1500	500	400	0	0	5000	600	0	0	0	0	0	0
WELFORD	0	0	0	0	0	0	0	0	10500	8500	6500	1200	1000	0	3000	0	0	6000	100	0	0	0

16AF	400	0	0	0	400	300	1100	0	0	2000	10700	3700	3000	102000	0	205000	2300	0	8000	640	990	3000	
17AF	3700	1000	600	0	2500	1050	3275	0	100	6204	11154	4300	12130	25550	401	25301	2540	600	0	9500	8500	14000	
3AF	0	0	0	0	0	0	0	0	0	13350	17200	9000	3100	41100	0	50200	12100	0	6000	600	2300	6000	
USAFE	4100	1000	600	500	2700	4000	1050	6475	0	100	25534	19054	17000	18230	174600	401	281501	27240	600	17000	10740	11790	23000

PRICE 1 OF 2 30 Apr 85 2046Z

PRICE REV PRICE FND HFL PG PAGE 2

SCREEN TITLE: MUNITIONS STATUS

SCREEN NUMBER: MAJ.STAT. .T

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8)

SCREEN PURPOSE:

To display the inventory levels of various munitions at many bases or storage sites.

Full screen editor

Paging and Scrolling (including horizontal paging)

Totals in special area at bottom of screen

Field coloring

USERS:

PRIMARY: LRC

SUPPORTING: Battle Staff

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9)

Keys no. 1, 2, 4-7, and 9-16.

SCENARIO: (Reference baseline scenario.)

After reviewing the Base Status screen or Munitions Capability, the LRC is reviewing the status of munitions in the Central Region.

RECOMMENDED CHANGES:

- a. Add columns for MK-82A (A = Airburst), MK-84A, and GBU-15 bombs, MJU-7 and M206 flares, MI29, RR119, RR136, RR141, and RR170 chaff.
- b. This color screen needs horizontal paging (or segmentation like the black and white version). With the additional columns just recommended, the product needs three pages or segments: (1) AIMS and AGMs; (2) dispensers and bombs; and (3) gun ammo, flares, and chaff (to be added).
- c. After implementing the horizontal paging or segmentation change, make the character size larger.
- d. It must be an input product.
- e. The non-technical user needs ability to add and delete columns/munitions as munitions enter or leave the inventory.
- f. Gun ammunition measurement must be change to "each" versus "x000."
- g. Need ability to input a management level for each munition and base that, when compared to the current quantity, will cause the field for the appropriate munition and base to color/highlight when the current quantity falls below the management level.
- h. Need field coloring when the munition quantity for a base falls below a preset management level.
- i. Add database label to subtitle, e.g., WINTEX.

CLASSIFICATION:

This is normally classified SECRET. However, "what-if" exercises may be UNCLASSIFIED.

ASSUMPTIONS:

Munition quantities are "whole up" rounds.

DATA SOURCES:

The munitions data is input by the units into their AFIRMS and reported to USAFE. USAFE inputs the depot and residual munitions into their AFIRMS and rolls-up the data to HQ USAF. If an interface with CAS is developed, the data could be obtained from CAS. During Command Post Exercises (CPX), the USAFE LRC will probably enter all of the data into AFIRMS.

RELATED SCREENS:

Munitions Capability
Resource Reallocation

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Unit Name Owning Resource	I3A
Resource Name	I3B
Resource Set Label	I3D
Resource Current Amount	I3H
Base Name	I3J
Resource Roll-up DTG (for status as of)	I3N

PARAMETER SELECTION SCREEN:

MUNITIONS STATUS PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><input checked="" type="checkbox"/> 1. COMMAND UNIT USAFE</p> <p>2. BASE NAME ALL BASES</p> <p>3. DATABASE LABEL WINTEX</p> </div> <div style="width: 45%; border: 1px solid black; padding: 5px;"> <p>Choose a minimum of 1 value and a maximum of 2.</p> <p>3AF 16AF 17AF USAFE</p> </div> </div>									
DISPLAY PRODUCT				RETURN TO TOP MENU		RETURN PREVIOUS MENU	HELP		→
KEY # 1	2	3	4	5	6	7	8		

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	HALF PG	PAGE FORWARD		SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15	16	

2ND ARRAY OF PARAMETER SCREEN KEYS

34 501

10/1-98

SCREEN CURRENCY:
30 APR 1965.1822Z
SCREEN DATA CURRENCY: DTGZ
DL: 30 APR 1965.1822Z
FL: 30 APR 1965.1822Z

UNCLASSIFIED WING RESOURCE SUMMARY

STATUS AS OF:
30 APR 1965.1719Z

RESOURCE SET NAME	WING NAME	ACT	PARING	NR	RESOURCE ORIGIN	TYPE	QUANTITY	AS OF DATE AND TIME (Z)	TRANSMIT
WESTERL	3215	28	18	30	WESTERL	W-17	50000		
WESTERL	3011	72	12	87	WESTERL	W-17	2000000		
						W-17	400		
						W-17	400		
						W-17	100		
						W-17	300		
						W-17	1500		
						W-17	5000000		
						W-17	10000		
						W-17	500		
						W-17	100000		
						W-17	500000		
						W-17	3500000		
						W-17	400		
						W-17	1000		
						W-17	4000		
						W-17	4000		
						W-17	4000		
						W-17	150000		
						W-17	6000		
						W-17	3000		
						W-17	3000		

PAGE 2 OF 3

30 Apr 65

UNCLASSIFIED

2221Z

← PAGE REV

PAGE FWD

HALF PG

SCREEN TITLE: WING RESOURCE SUMMARY

SCREEN NUMBER: MAJSTAT. .T

SCREEN PURPOSE:

Display the rolled up unit resources after the resources are reported to HQ USAFE, and/or before or after the Sortie Generation Model (SGM) has used the resources to compute unit readiness assessment.

USERS:

PRIMARY: LRC

SUPPORTING: Battle Staff

SCENARIO: (Reference baseline scenario.)

Having reviewed the tasking and capability assessments, the LRC is reviewing the unit resources used in the assessments.

CLASSIFICATION:

This display will normally be classified SECRET for real data. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the resource database must set the classification.

ASSUMPTIONS: None.

DATA SOURCES:

There are three sources for the resource data: (1) the unit inputs real/actual resource data and transmits it to the HQ USAFE which, in turn, inputs theatre depot resource data and rolls up unit and depot data to HQ USAF; (2) the HQ USAFE user inputs the data for "what-if" queries and/or POM exercises; and (3) AFIRMS interfaces with other automated resource data systems such as CFMS and CAS for real/actual resource data (no exercise data).

RELATED SCREENS:

Integrated Capability
Individual Resource Capability
Fuels Capability
Base Fuels Capability
Munitions Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name	DRD #
Resource Set Identifier	I3D
Unit Name Owning Resource	I3A
Resource Authorized Amount (aircraft PAA)	I3C
Aircraft MC	I3Q
Aircrew MR	I3P
Base Name	I3J
Resource Type	I3B
Resource Current Amount	I3H
Resource Rollup DTG	I3N

PARAMETER SELECTION SCREEN:

WING RESOURCE SUMMARY PARAMETER SCREEN									
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1					
<p>1. RESOURCE SET NAME</p> <p>2. UNIT NAME ALL UNITS</p> <p>3. LOCATION ALL BASES</p> <p>4. RESOURCE TYPE ALL RESOURCES</p> <p>5. COMMAND UNIT USAFE</p>									
TESTACTUAL									
DISPLAY PRODUCT									↑

Write in a value.

KEY #	1	2	3	4	5	6	7	8
1ST ARRAY OF PARAMETER SCREEN KEYS								
	←	PAGE REVERSE	FULL PG	PAGE FORWARD				
		HALF PG			RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑
					SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	
KEY #	9	10	11	12	13	14	15	16

2ND ARRAY OF PARAMETER SCREEN KEYS

34501

10/1-102

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 16 MAY 1985,1120Z
 OLD: DTG Z
 NEW: 8 MAY 1985,1450Z

UNCLASSIFIED
 MING RESOURCE SUMMARY

STATUS AS OF:
 8 MAY 1985,1409Z

RESOURCE SET NAME	MING NAME	ACFT PAA MC	IMR CRU BASE	RESOURCE NAME	TYPE	QUANTITY ROLL UP	AS OF DATE AND TIME(Z) TRANSMIT
TESTACTUAL	36TFH	72	52	87	BITBURG	400	
					BITBURG	400	
					BITBURG	1100	
					BITBURG	300	
					BITBURG	1500	
					BITBURG	5003124	
					JP-4	1000	
					M129	500	
					MK-20	100000	
					RR170	500000	
TESTACTUAL	50ASS	0	0	0	MENIGRATH	3500000	
					MENIGRATH	400	

PAGE 3 OF 9

16 May 85

UNCLASSIFIED

1120Z

SEGMENT 1 OF 1

PAGE	FULL PG	PAGE	CHANGE	ADD	DELETE	ENTER
(-REV)	END	SUMMARY	SUMMARY	SUMMARY)
			DATA	DATA	DATA	

SCREEN CURRENCY:
DTG
SCREEN DATA CURRENCY:
DTG
DTG

STATUS AS OF:
28 JUL 83. 0600Z

CLASSIFICATION

ATTRITION STATISTICS

CENTRAL REGION: FIGHTER/RECCE

MDS	AIRCRAFT LOSSES	AIRCREW PILOT	WSO	LOSSES	AIRCRAFT BATTLE DAMAGED	AIRCRAFT REMAINING FOR TASKING
A-10A	90	85			40	124
F-4C	20	10	12		30	145
F-4D	40	20	18		27	92
F-4E	30	20	21		32	123
F-4G	10	5	3		5	62
F-15C	62	30			15	250
F-16A	36	21			19	180
F-111	31	25	25		15	200
RF-4C	15	10	11		5	75
TOTAL	334	226	90		188	1251

28 JUL 83

CLASSIFICATION

0700Z

SCREEN ID NO.

SCREEN TITLE: ATTRITION STATISTICS

SCREEN NUMBER: MAJ.STAT. .T

SCREEN PURPOSE:

Display attrition data on both aircraft and aircrews to the user.

USER:

PRIMARY: PRC

SUPPORTING: Battle Staff, LRC

SCENARIO: (Reference baseline scenario.)

The CSS will need to replace attrited aircraft and aircrews in the units.

CLASSIFICATION:

This product is classified SECRET.

ASSUMPTIONS:

- a. Once a battle damaged aircraft is repaired, it is reported in Aircraft Remaining.
- b. Battle-damaged aircraft can be distinguished (or are reported separately) from NMC aircraft.
- c. Aircrew losses include Missing In Action (MIA), Killed In Action (KIA), and wounded aircrew air-evacuated from the base.

DATA SOURCES:

The units report the data via AFIRMS to USAFE. The USAFE PRC may also input the data from message traffic and intelligence reports.

RELATED SCREENS:

Attrition Trends
Unit Status

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, and 9-16.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

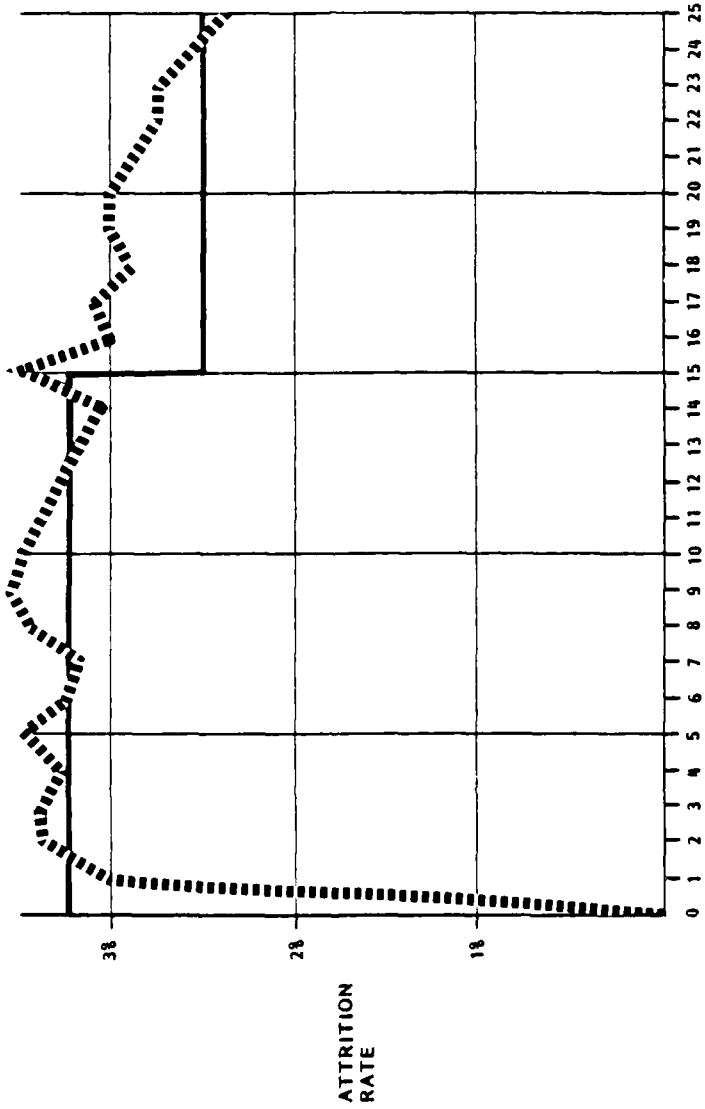
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

CLASSIFICATION
ATTRITION TRENDS
USAFE: FIGHTER/RECCE

SCREEN CURRENCY:
 DTG
 SCREEN DATA CURRENCY:
 DTG
 DTG

STATUS AS OF:
 15 AUG 83, 0600Z



TOTALS	24 HRS
AIRCRAFT	334
PILOTS	276
WSOs	90
	1

— PROJECTED RATE
 - - - - - ACTUAL RATE

SCREEN ID NO.:

0700Z

CLASSIFICATION

15 AUG 83

SCREEN TITLE: ATTRITION TRENDS

SCREEN NUMBER: MAJ.STAT. .G

SCREEN PURPOSE:

Compare the actual attrition rate with the (WMP, OPLAN, etc.) projected attrition rate.

USERS:

PRIMARY: Battle Staff

SUPPORTING: LRC, PRC,

SCENARIO: (Reference baseline scenario.)

In any war, forces are attrited and must be replaced. If the rate at which attrition occurs can be anticipated, replacements can be deployed to the theatre before the loss occurs to minimize any reduction in readiness.

CLASSIFICATION:

This product is classified SECRET.

ASSUMPTIONS: None.

DATA SOURCES:

The units report the actual data via AFIRMS to USAFE which, in turn, reports it to HQ USAF. The USAFE CSS may also input the data from message traffic and intelligence reports.

RELATED SCREENS: None.

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

A variation of the normal line graph screen.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES:

Change the y-axis from a percentage rate to a quantity. It is too much to expect the number of sorties flown to be reported by all units in all scenarios (e.g., NATO). When the actual number falls above the expected number, color the difference in red. When the actual number is below the expected number, color the difference green.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

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10/1-108

34 501

2.1 HQ USAFE Staff Support Products

The USAFE staff support products included in this section support USAFE's activities during the Program Objective Memorandum (POM) exercises. A major objective of AFIRMS is to provide a capability for the Air Force to connect budget dollars to force readiness.

SCREEN TITLE

Mission Area Tasking
War Mobilization Plan (POM Variation)
Individual Resource Capability (POM Variation)
Wing Resource Summary (POM Variation)
Resupply Schedule (POM Variation)
Dollars to Readiness - Comparisons (for Fuels)
Dollars to Readiness - Comparisons (for all resources)
Dollars to Readiness - Resource Perspective
Resource Unit Price
Dollars to Readiness Associations
Munitions Substitution Sortie Requirement
Munitions Substitution Sortie Capability
Capability Perspective
Process Status

The screens in the previous section used current unit data to determine current unit readiness/capabilities. The unit data and unit readiness/capabilities needed to support the USAFE staff in its POM activities are out-year data. By updating current unit and depot resource data with programmed resource increases/decreases, a programmed out-year readiness/capability can be projected with the tasking and capability products. Therefore, except for four screens, the tasking products in Section 1.1 and capability assessment products in Section 1.2, will not be repeated in this section. As can be seen in the four screens that are included, only the task name is different - the process is basically the same.

The updating of current unit resource data, mentioned above, to reflect the out-years will have three steps:

1. Process the resource programming plans (munitions, fuels, aircrews, unit manning, etc.);
2. Allocate the programmed resources, both funded and planned, to the units level, and,
3. Assess the impact on unit readiness. Iteration over these three steps to obtain an acceptable result will, presumably, be required.

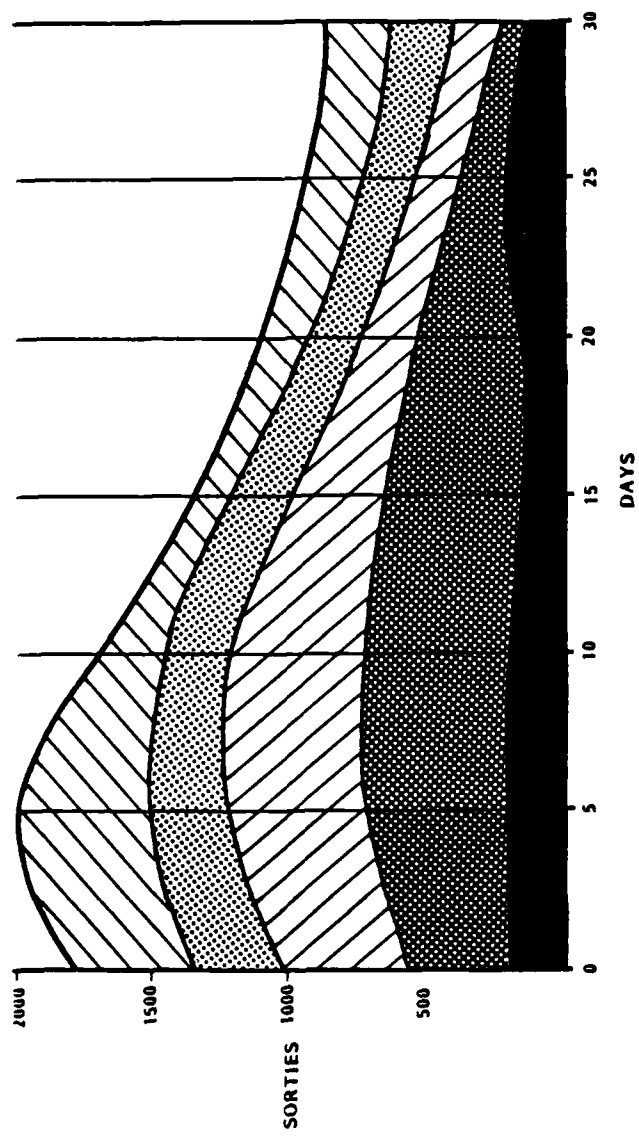
Processing the resource programming plans entails converting out-year spending plans to resource counts and updating the current levels accordingly. This and the other two steps will need both "real-world" and "what-if" inputs from the users.

The need for AFIRMS to process historical data on past capabilities, tasks, and "standards" has been established. However, the methodology and ability of AFIRMS to normalize the past to the present (or vice versa) will be established during the Analysis Phase of the AFIRMS implementation.

CLASSIFICATION MISSION AREA TASKING USAFE

SCREEN CURRENCY:
DTG
SCREEN DATA CURRENCY:
DTG
DTG
DTG

TASKING: CHARGE 3
FY86 WMP



TASKING

MISSION AREAS:

- COUNTER-AIR
- DS/JEW
- AIR SUPPORT
- INTERDICTION
- RECCE

SCREEN ID NO.:

0700Z

CLASSIFICATION

15 AUG 83

10/1-110

SCREEN TITLE: MISSION AREA TASKING

SCREEN NUMBER: MAJ.TASK. G.

SCREEN PURPOSE:

Display the distribution of sorties across multiple mission areas. This screen also demonstrates the application of other tasking screens from the Translate Tasking section (1.1) using the FY86 WMP as the task.

USERS:

PRIMARY: XPX,XPP

SUPPORTING: DOJ

SCENARIO:

XPX is developing the out-year tasking from the Air Force WMP for use in developing the resource requirements, e-g., munitions, TRAP, spares, support equipment, and manpower, etc., for the Air Force POM.

CLASSIFICATION:

This product is normally classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the HQ USAF user building the task must set the classification.

ASSUMPTIONS:

- a. The out-year tasking data has been entered and units tasked.
- b. The sortie data will be WMP data.
- c. Input may be via tape, disk, or manual effort.

DATA SOURCES:

The mission data is computed from tasking data that a user has input and assigned to units. The mission data is then aggregated into mission areas for the POM. If an interface is developed with COMPEs, some of the tasking data can be obtained from it. If such an interface is not developed, the data is manually input by the users.

RELATED SCREENS:

Mission Tasking (Ref. Section 1.1)
Aircraft Tasking (Ref. Section 1.1)
War Mobilization Plan (Ref. Section 1.1)
Mission Profile Definition (Ref. Section 1.1)
Order Assignments (Ref. Section 1.1)
Wing Flying Day (Ref. Section 1.1)
Wing Operations Rates (Ref. Section 1.1)
Mission and Aircraft Tasking Detail Summary (Ref. Section 1.1)
Munitions Tasking [Planned; not included]
Fuels Tasking [Planned; not included]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8).

Dynamic legend

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9).

Keys no. 1 and 3-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED
WAR MOBILIZATION PLAN
VOL 5 - EXTRACT

SCREEN CURRENCY:
 20 MAY 1985.1148Z
 SCREEN DATA CURRENCY:
 070Z
 REF: 20 MAY 1985.1148Z

TRKING: CHANGE 3
 FY86 WMP

WMP LABEL	SEGMENT DAY FROM TO	SORTIES PER DAY MD	PER A/C RATE	SORTIE DURATION
FY86 WMP	0 6	A-10	3	1.5
		A-7	3	1.5
		EF-111	2	2.5
		F-111	2	2.5
		F-15	3	1.3
		F-16	3	1.5
		F-4	3	1.3
		RF-4	2.6	1.5
FY86 WMP	7 29	A-10	2	1.5
		A-7	2	1.5
		EF-111	1.5	2.5
		F-111	1.5	2.5
		F-15	2	1.3
		F-16	2	1.5
		F-4	2	1.3
		RF-4	2	1.5
FY86 WMP	30 365	A-10	1	1.5
		A-7	1	1.5
		EF-111	1	2.5
		F-111	1	2.5
		F-15	1	1.3
		F-16	1	1.5
		F-4	1	1.3

15492

UNCLASSIFIED

20 May 85

PAGE 1 OF 2

PAGE REV
 HALF PG
 PAGE FWD
 CHANGE WMP/DATA
 ADD WMP SECRET
 DELETE WMP SECRET
 PAGE

SCREEN TITLE: WAR MOBILIZATION PLAN (POM Variation)

SCREEN NUMBER: MAJ.TASK. .T

SCREEN PURPOSE:

Display the War Mobilization Plan (WMP) Volume 5 planning factors for the FY86 POM.

USERS:

PRIMARY: XPX

SUPPORTING: LGS, LGW

SCENARIO:

XPX is reviewing the FY86 WMP planning factors used in building the FY86 POM.

CLASSIFICATION:

Normally this screen will be classified SECRET. However, "what-if" versions may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

The sortie rates and duration will be the same for all units with the same MDS.

DATA SOURCE:

The data for the WMP will be input by XPX, obtained by an interface to COMPES, or sent to USAFE by HQ USAF via AFIRMS.

RELATED SCREENS:

Mission Area Tasking
Order Assignments (Ref. Section I.1)
Wing Flying Day (Ref. Section I.1)

RECOMMENDED CHANGE:

Use aircraft MDS versus MD.

SCREEN TITLE: RESUPPLY SCHEDULE (POM Variation)

SCREEN NUMBER: MAJ-STAT. .T

SCREEN PURPOSE:

Display the out-year resource resupply schedule planned for the units in the POM.

USERS:

PRIMARY: LGW, LGS

SUPPORTING: XPP

SCENARIO:

Having made a capability assessment for the POM, the user now wants to selectively increase some of the resources at some of the USAFE units for a "what-if" exercise. A very good way to do that is to give the desired units a "resupply" of resources on Day 0.

CLASSIFICATION:

This display will normally be UNCLASSIFIED but may be classified SECRET for some POM theatre resupply schedules.

ASSUMPTIONS:

Munition quantities are "whole-up" rounds.

DATA SOURCE:

The data is input by the user or transmitted to USAFE by HQ USAF via AFIRMS.

RELATED SCREENS:

Integrated Capability (Ref. Section 1.2)
Individual Resource Capability
Fuels Capability (Ref. Section 1.2)
Base Fuels Capability (Ref. Section 1.2)
Munitions Capability (Ref. Section 1.2)

RECOMMENDED CHANGES:

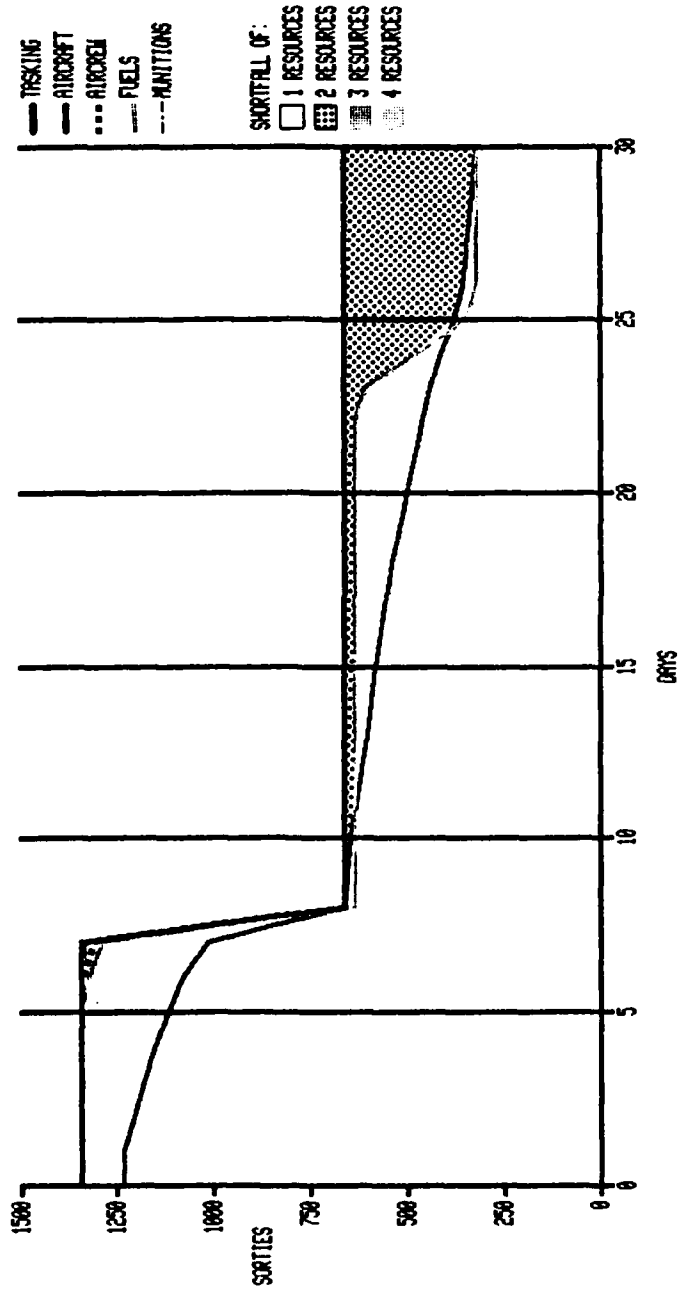
- a. Add a column for fuels type. Need to distinguish between the different grades of fuel being resupplied.
- b. Add a column for Unit Resupply Base (should equal the employment base). As currently designed, the quantity resupplied is added to the unit's home base current amount -- which is alright if the unit is employed in-place.

UNCLASSIFIED INDIVIDUAL RESOURCE CAPABILITY

USAFE FIGHTER/RECCE

TASKING: CHANGE 1
FTR& W/P

SCREEN CURRENCY: 29 APR 1985, 1634Z
SCREEN DATA CURRENCY: 0110Z
TEL: 29 APR 1985, 1725Z



UNCLASSIFIED

1 May 85 1947Z

DISPBY UPDATE
PARM SCREEN
SELECT

TOP MENU PREVIOUS MENU

SCREEN TITLE: INDIVIDUAL RESOURCE CAPABILITY (POM VARIATION)

SCREEN NUMBER: MAJ.CAP. .G

SCREEN PURPOSE:

This screen variation demonstrates the out-year application of the Individual Resource Capability product and other capability assessment products in section 1.2 using the FY86 WMP (as the task) and programmed unit resource levels.

USERS:

PRIMARY: LGW, LGS

SUPPORTING: XPX, XPP, DO

SCENARIO:

DO, LG, and XP users would use this product in its Mission Area Analysis to help identify (and rank in relative importance) factors limiting USAFE capabilities and to help build and maintain a balanced capability in the POM. These users might also use it to defend the budget and/or help decide where any funding decreases/increases should be used.

CLASSIFICATION:

This product is normally classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. Each individual resource's assessment is made without constraints by the other resources, e.g., the aircrew assessment was not constrained by a lack of spares or munitions.
- b. Assumptions applying to separate resource area assessments apply to this display as well.

RELATED SCREENS:

Integrated Capability (Ref. Section 1.2)
Aircraft Spares Support Capability (Ref. Section 1.2)
Munitions Capability (Ref. Section 1.2)
Fuels Capability (Ref. Section 1.2)
Dollars To Readiness - Comparisons
Dollars To Readiness - Resource Perspective
Wing Resource Summary
Resupply Schedule

STATUS AS OF:
20 MAY 1965, 1511Z

UNCLASSIFIED WING RESOURCE SUMMARY

SCREEN CURRENCY:
20 MAY 1965, 1252Z
SCREEN DATA CURRENCY:
011Z
REV: 8 MAY 1965, 1452Z

RESOURCE SET NAME	WING NAME	ACT	MR RESOURCE	TYPE	QTY	RS OF DATE AND TIME (Z)
1965 P01	2015	24	30	18170	500000	TRANSPIT
1965 P01	30174	72	87	20011E1	2000000	
				18170	400	
				18170	400	
				18170	100	
				18170	300	
				18170	1500	
				18170	5003124	
				18170	1000	
				18170	500	
				18170	1000000	
1965 P01	30055	0	0	20011E1	500000	
				30011E1	2500000	
				18170	400	
				18170	1000	
				18170	4000	
				18170	4000	
				18170	4000	
				18170	4000	
				18170	150000	
				18170	6000	
				18170	3000	
				18170	3000	

1654Z

UNCLASSIFIED

20 May 65

PAGE 2 OF 5

PREV
 NEXT
 PAGE 1 OF 5
 PAGE 2 OF 5
 PAGE 3 OF 5
 PAGE 4 OF 5
 PAGE 5 OF 5

SCREEN TITLE: WING RESOURCE SUMMARY (POM Variation)

SCREEN NUMBER: MAJ.STAT. .T

SCREEN PURPOSE:

Display the out-year unit resources allocated by USAFE before and/or after the Sortie Generation Model (SGM) has used the resources to computer out-year unit readiness assessments for the POM. This product also demonstrates the application of other resource status products in Section 1.3 using programmed unit resources.

USERS:

PRIMARY: LGW, LGSF

SUPPORTING: XPX, XPP, DO

SCENARIO:

In POM development or "what-if" exercises, this product would be used to investigate resource shortfalls or to build or modify a resource database for capability assessments or resource allocation iterations.

CLASSIFICATION:

This display will normally be classified SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the resource database must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

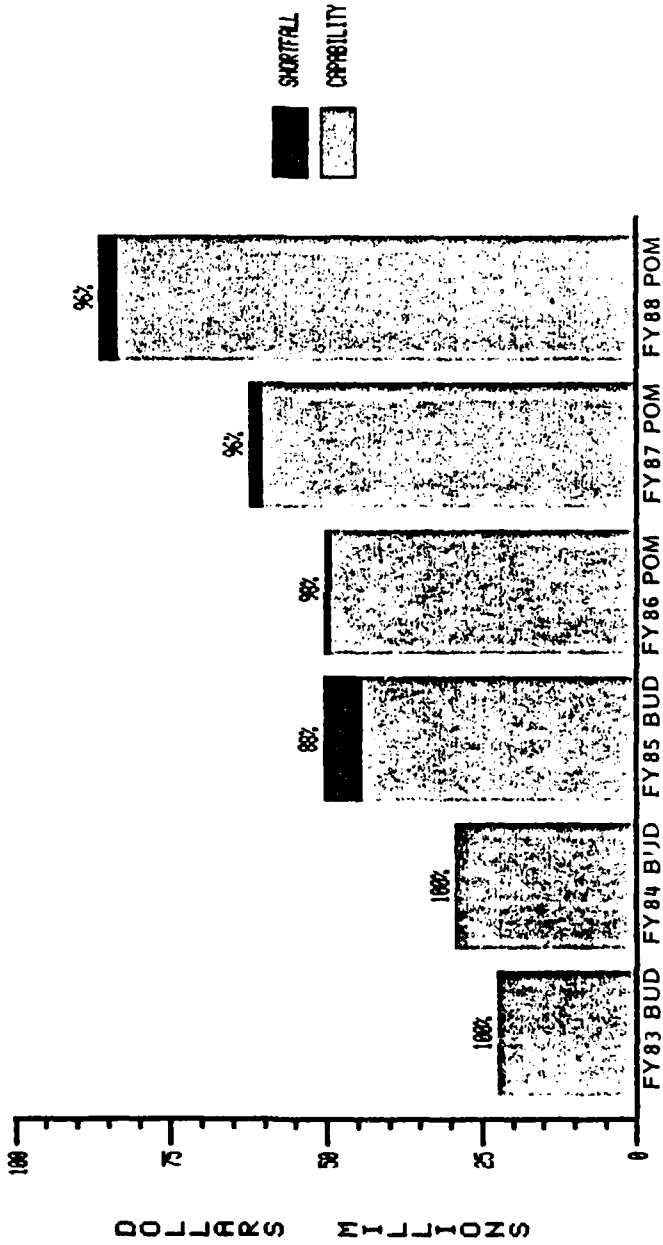
There are two sources for the out-year resource data: (1a) USAFE uses current unit data and adds current theatre depot resource data and projected resource gains; or, (1b) USAFE updates a existing out-year database with the resource program changes; and (2) the HQ USAFE user inputs the data for "what-if" queries and/or POM exercises.

RELATED SCREENS:

Integrated Capability (Ref. Section 1.2)
Individual Resource Capability
Fuels Capability (Ref. Section 1.2)
Base Fuels Capability (Ref. Section 1.2)
Munitions Capability (Ref. Section 1.2)
Resupply Schedule
Munitions Status (Ref. Section 1.3)

UNCLASSIFIED
 DOLLARS TO READINESS
 COMPARISONS
 (FUELS)

SCREEN CURRENCY:
 19 MAY 1985, 2108Z
 SCREEN DATA CURRENCY:
 01J: 15 APR 1985, 1607Z
 ME: 16 MAY 1985, 1506Z



28 May 85

UNCLASSIFIED

8657Z

DISPLAY PROGRAM SELECT

TOP MENU

PREVIOUS MENU

UPDATE SCREEN



SCREEN TITLE: DOLLARS TO READINESS - COMPARISONS

SCREEN NUMBER: MAJ.DLR. .G

SCREEN PURPOSE:

Display the projected dollar requirements and shortfall of a single resource's tasking and capability for several tasks. The tasks may be WMP tasks for different fiscal years, different OPLANs, or different costing estimates of a single OPLAN.

USERS:

PRIMARY: LGS, LGW

SUPPORTING: XPP, DO, XPX

SCENARIO:

The resource manager or program element monitor (PEM) is reviewing the fuels program dollar shortfall to support the WMP tasking. In another situation, the fuels manager could be reviewing the fuels dollar shortfall for several different OPLANs. Alternately, the manager may be reviewing the effects of different price inflation possibilities on an OPLAN or set of OPLANs.

CLASSIFICATION:

This display will normally be UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The tasking and capability data is computed by AFIRMS. The dollar costs of fuels (per gallon) is input by HQ USAF. AFIRMS then computes the dollar costs by multiplying the resource tasking and capability summary data times the appropriate unit price.

RELATED SCREENS:

Individual Resource Capability
Fuels Capability (Ref. Section 1.2)
Munitions Capability (Ref. Section 1.2)
Resource Unit Price
Dollars to Readiness Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES:

- a. Add a parameter for Resource Type so this can also be used to display the dollar status of other resources.
- b. Add a parameter to write free-form subtitle (see Capability Perspective product) with a default option to use the remarks element of the Dollars to Readiness Associations product.
- c. Combine this product with Dollars to Readiness - Comparisons (All Resource Types) when the Resource Type parameter (mentioned in a. above) is added.

DATA ELEMENTS:

Element Name	DRD #
Resource Set Identifier	13D
Resource Type	13B
Resource Dollars Required	13CC
Resource Dollars Short	13DD
Dollars to Readiness Remarks	4D

PARAMETER SELECTION SCREEN:

DOLLARS TO READINESS - COMPARISONS PARAMETER SCREEN			
ENVIRONMENT: PEACE	EXERCISE	CRISIS	PAGE 1 of 1
<p>1. PRICE RUN LABELS FY83 BUD FY84 BUD FY85 BUD FY86 POM FY87 POM</p>			
<p>2. RESOURCE TYPE FUELS</p>			
<p>3. SUB-TITLE DESIRED</p>			
FY88 POM			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	→	↶	↷

Write in a minimum of 2 values and a maximum of 6.

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

PAGE REVERSE	FULL PG	PAGE FORWARD	ENTER PARAM VALUE
←	↶	→	↷

KEY # 9 10 11 12 13 14 15 16

2ND ARRAY OF PARAMETER SCREEN KEYS

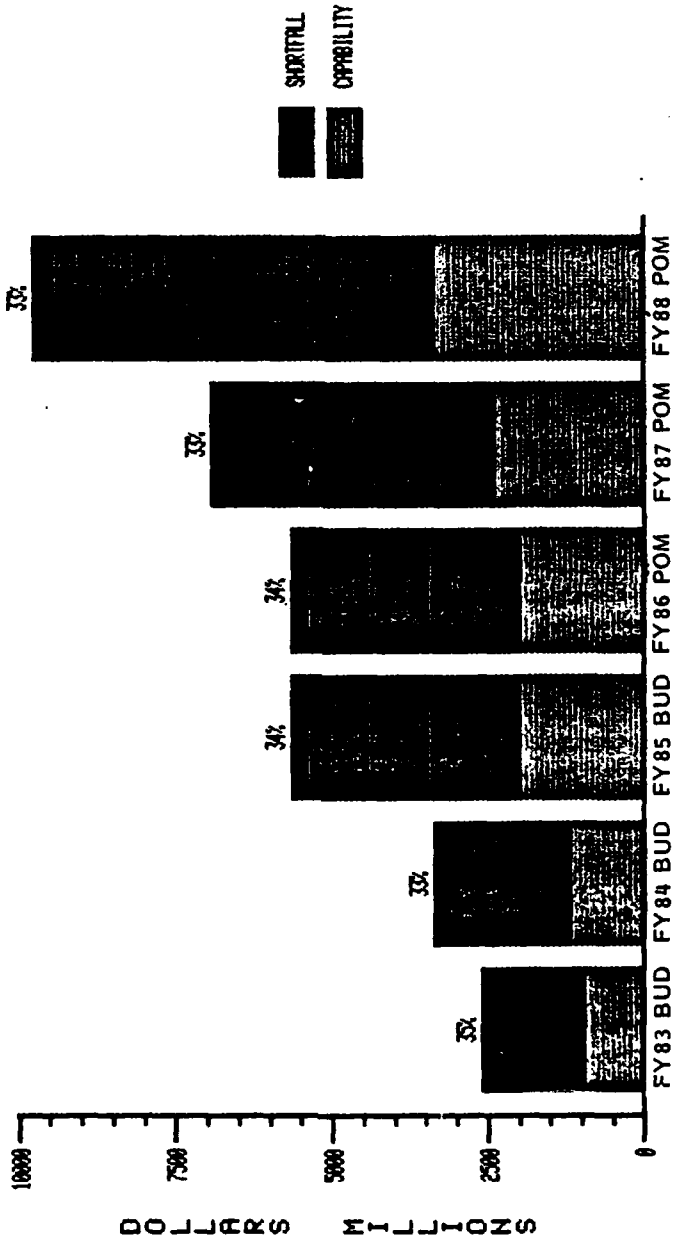
PAGE REVERSE	FULL PG	PAGE FORWARD	DELETE PARAM VALUE
←	↶	→	↷

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

**UNCLASSIFIED
DOLLARS TO READINESS
COMPARISONS
(ALL RESOURCE TYPES)**

SCREEN CURRENCY:
19 MAY 1985, 2053Z
SCREEN DATA CURRENCY:
01: 15 APR 1985, 1607Z
KEY: 16 MAY 1985, 1508Z



29 May 85

UNCLASSIFIED

06542

DISPLAY PROGRAM SELECT TOP MENU PREVIOUS MENU UPDATE SCREEN

SCREEN TITLE: DOLLARS TO READINESS - COMPARISONS

SCREEN NUMBER: MAJ.DLR. .G

SCREEN PURPOSE:

Display the projected total integrated capability shortfall of all resources in dollars for several tasks. The tasks may be WMP tasks for different POMs, different OPLANs, or different costing estimates of a single OPLAN.

USERS:

PRIMARY: XPP

SUPPORTING: LGS, LGW, XPX, DO

SCENARIO:

The resource managers or PEMs are reviewing the total resource program dollar shortfall to support the POM (or OPLAN tasks) with past budget capabilities for budget trends and/or POM "bow waves."

CLASSIFICATION:

This display will normally be UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The tasking and capability data is computed by AFIRMS. The dollar costs of the resources are input by HQ USAF. AFIRMS then computes the dollar costs using the tasking and capability data.

RELATED SCREENS:

Integrated Capability (Ref. Section 1.2)
Resource Unit Price
Dollars to Readiness Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28

RECOMMENDED CHANGES:

- a. Add a parameter for Resource Type so this can also be used to display the dollar status of individual resources.
- b. Combine this with Dollars to Readiness - Comparisons (Fuels) when the Resource Type parameter is added.
- c. Add a parameter to write a free-form subtitle (see Capability Perspective product) with a default option to use the remarks element of the Dollars to Readiness Associations product.

DATA ELEMENTS:

Element Name	DRD.#
Resource Set Identifier	13D
Resource Type	13B
Resource Dollars Required	13CC
Resource Dollars Short	13DD
Dollars to Readiness Remarks	4D

PARAMETER SELECTION SCREEN:

DOLLARS TO READINESS - COMPARISONS PARAMETER SCREEN								
ENVIRONMENT: PEACE			EXERCISE		CRISIS			
PAGE 1 of 1								
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1. PRICE LABELS FY83 BUD FY84 BUD FY85 BUD FY86 POM FY87 POM</p> </div> <p>2. RESOURCE TYPE ALL RESOURCE TYPES</p> <p>3. SUB-TITLE DESIRED</p> <p style="text-align: center;">FY88 POM</p> <div style="border: 1px solid black; padding: 10px; margin-top: 20px; width: fit-content; margin-left: auto; margin-right: auto;"> <p>Write in a minimum of 2 values and a maximum of 6.</p> </div>								
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP					↑

KEY # 1 2 3 4 5 6 7 8
1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
---	--------------	---------	--------------	--------------------	--------------------	-------------------

KEY # 9 10 11 12 13 14 15 16
2ND ARRAY OF PARAMETER SCREEN KEYS

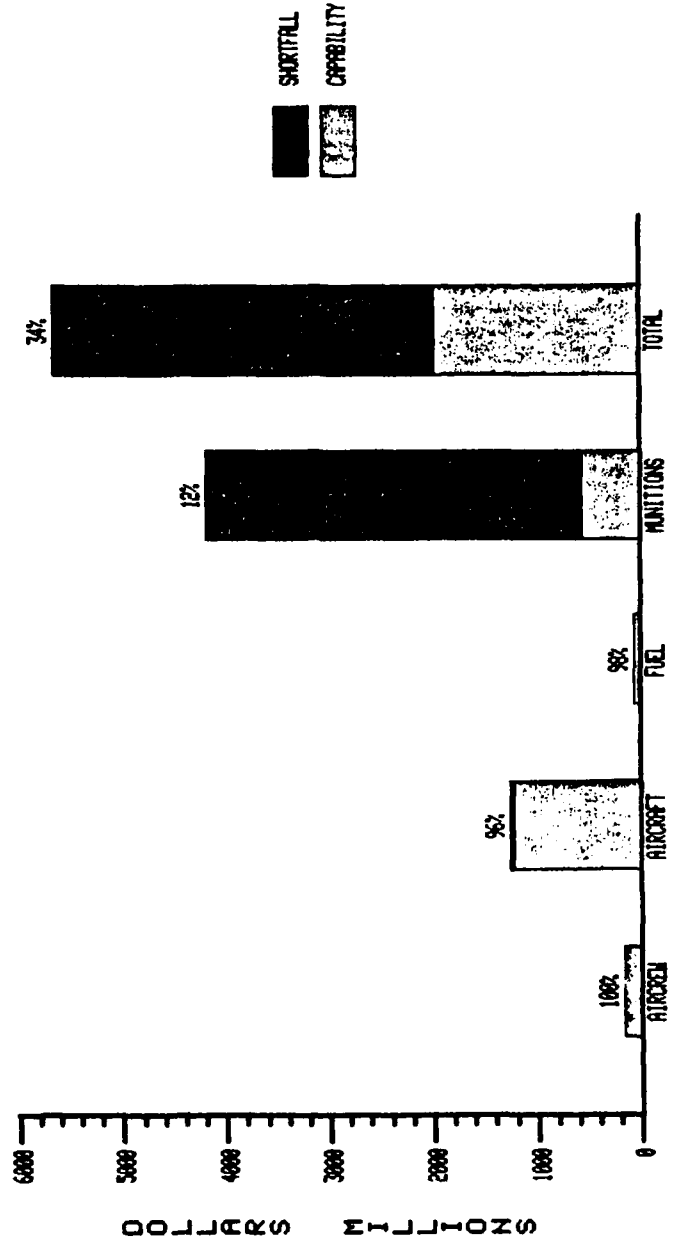
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED DOLLARS TO READINESS RESOURCE PERSPECTIVE

TASKING: FY85 POM

SCREEN CURRENCY:
19 MAY 1985 2042Z
SCREEN DATA CURRENCY:
DTZ
REF: 15 APR 1985 1607Z



SHORTFALL
CAPABILITY

UNCLASSIFIED

0042Z

20 May 85

DISPLAY PROGRAM SELECT

TOP MENU

PREVIOUS MENU

UPDATE SCREEN

SCREEN TITLE: DOLLARS TO READINESS - RESOURCE PERSPECTIVE

SCREEN NUMBER: MAJ.DLR. .G.

SCREEN PURPOSE:

Display the projected capability shortfall of several resources in dollars for a single task (the task may be a WMP task for a fiscal year or an OPLAN task).

USERS:

PRIMARY: XPP, XPX

SUPPORTING: LGS, LGW, DO

SCENARIO:

The resource managers or PEMs are reviewing the resource programs dollar shortfall, individually and collectively, to support the POM (or OPLAN) planning exercises. Depending on the size of the shortfalls, decisions may be made on how much additional funding for each resource will best improve readiness with the funds available.

CLASSIFICATION:

This product will normally be UNCLASSIFIED.

ASSUMPTION: None.

DATA SOURCE:

The tasking and capability data is computed by AFIRMS. The dollar costs of the resources are input by HQ USAF. AFIRMS then computes the dollar costs by multiplying the resource tasking and capability summary data times the appropriate unit price.

RELATED SCREENS:

Integrated Capability (Ref. Section 1.2)
Individual Resource Capability
Resource Unit Price
Dollars to Readiness Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28

RECOMMENDED CHANGES:

- a. Add a parameter to write a free-form subtitle (see Capability Perspective product) with a default option to use the remarks element of the Dollars to Readiness Associations product.
- b. Add a tasking box in upper right corner of display. A task capability (WMP or OPLAN) is represented by the dollar requirements and shortfalls. The tasking displayed is that which is costed for this display.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Resource Set Identifier	13D
Resource Type	13B
Resource Dollars Required	13CC
Resource Dollars Short	13DD
Order Identifier	54A
Order Date	54E
Order Change Number	54G

PARAMETER SELECTION SCREEN:

DOLLARS TO READINESS - RESOURCE PERSPECTIVE PARAMETER SCREEN							
ENVIRONMENT: PEACE		EXERCISE		CRISIS		PAGE 1 of 1	
1. PRICE RUN LABELS FY86 POM				Write in a value.			
2. SUBTITLE DESIRED							
DISPLAY PRODUCT		RETURN TO TOP MENU	HELP	RETURN PREVIOUS MENU			→

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY #	1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD		SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY #	9	10	11	12	13	14	15	16

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED
RESOURCE UNIT PRICE

ACFT ACRW FUEL MUN

SCREEN CURRENCY:
22 MAY 1985, 1942
SCREEN DATA CURRENCY:
DLD: DTGZ
NEW: 22 MAY 1985, 1942

PRICE LABEL	RESOURCE TYPE	RESOURCE IDENT.	UNIT PRICE	REMARKS
FY86 POM	ACFT	A-10	51000	AFR 173-13 SOURCE BUT AS NOTED
		A-7	64000	
		EF-111	276000	
		F-111	140000	
		F-15	147000	
		F-16	128000	
		F-4	160000	
		F-5	51000	
		RF-4	150000	
	ACRW	A-10	52000	AYRCREW \$ = ANNUAL MUNITIONS TN
		A-7	46000	
		EF-111	16000	
		F-111	14000	
		F-15	25000	
		F-16	12000	
		F-4	30000	
		F-5	13000	
		RF-4	13000	
	FUEL	JP-4	.93	
	MUN	20MM HEI	5.57	
		30MM HEI	16.4	
		AGM-45	9000	\$ = GUESS

PAGE 1 OF 3

22 MAY 85

1942

PAGE REV

HALF PG

PRICE FWD

CHANGE PRICE DATA

ADD PRICE LINE

DELETE PRICE LINE

ENTER

UNCLASSIFIED

SCREEN TITLE: RESOURCE UNIT PRICE

SCREEN NUMBER: MAJ.DLR. .J

SCREEN PURPOSE:

Display the unit prices used in the Price Run Label for the Dollars To Readiness Model. The product is also an input screen for unit price data.

USERS:

PRIMARY: LGSF, LGW

SUPPORTING: XPP

SCENARIO:

The user is reviewing or entering the unit prices for the resources in this database set to accommodate his particular budgetary review needs. The user may change the prices or create a new set of prices for the resources.

CLASSIFICATION:

This display is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The HQ USAF user can obtain the data from published Air Force documents or from the Air Force Comptroller. Once entered, the data can be used over and over.

RELATED SCREENS:

Dollars To Readiness - Comparisons (Fuels)
Dollars to Readiness - Comparisons (All Resource Types)
Dollars To Readiness - Resource Perspective
Dollars to Readiness Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Resource Type	5A
Resource Name	13B
Resource Set Identifier	13D
Resource Remarks	13U
Resource Unit Price	13BB

PARAMETER SELECTION SCREEN:

RESOURCE UNIT PRICE PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1. RESOURCE UNIT PRICE LABEL FY86 POM</p> </div> <p>2. RESOURCE TYPE ALL TYPES</p> <p>3. RESOURCE NAME ALL RESOURCES</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; text-align: center;"> <p>Choose a minimum of 1 value and a maximum of 3.</p> <p>ALL TYPES AIRCRAFT FUEL MUNITION</p> </div>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	→	↶	↷

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

PAGE REVERSE	FULL PG	PAGE FORWARD	ENTER PARAM VALUE
←	HALF PG	→	↵

KEY # 9 10 11 12 13 14 15 16

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 30 MAY 1985,1101Z UNCLASSIFIED
 OLD: DTG Z RESOURCE UNIT PRICE
 NEW: 22 MAY 1985,1345Z ACFT ACRW FUEL MUN

PRICE LABEL	RESOURCE TYPE	RESOURCE IDENT.	UNIT PRICE	REMARKS
1FY86 POM	ACFT	A-10	51000	AFR 173-13 SOURCE BUT AS NOTED
		A-7	64000	
		EF-111	276000	
		F-111	140000	
		F-15	147000	
		F-16	128000	
		F-4	160000	
		F-5	51000	
		RF-4	150000	
	ACRW	A-10	52000	AIRCREW \$ = ANNUAL MUNITIONS TNG COST/ACRW
		A-7	46000	
		EF-111	16000	

PAGE 1 OF 4

30 May 85

UNCLASSIFIED

1101Z

SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

AD-A170 526

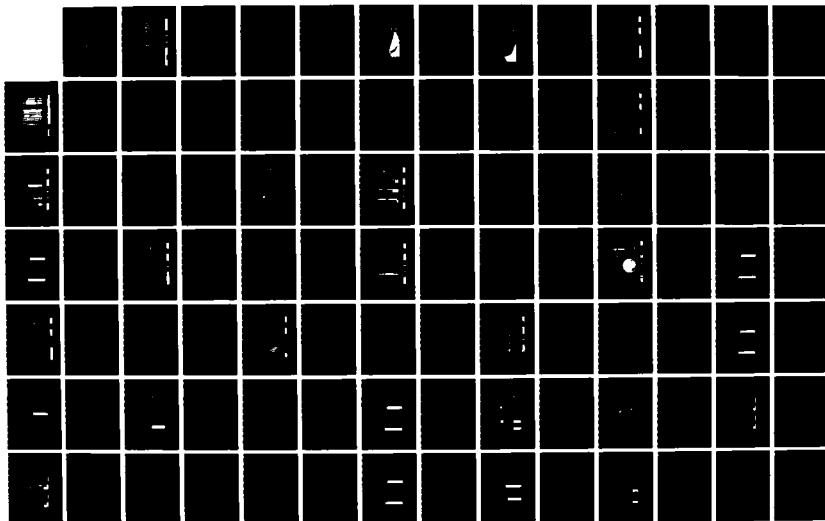
AIR FORCE INTEGRATED READINESS MEASUREMENT SYSTEM
(AFIRMS) PRODUCT DESCRIPTIONS(U) SOFTECH INC
ALEXANDRIA VA 31 MAY 85 F49642-83-C-0022

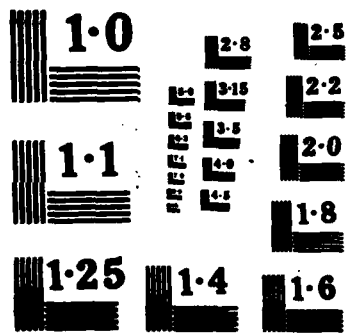
5/6

UNCLASSIFIED

F/G 5/2

NL





**UNCLASSIFIED
DOLLARS TO READINESS ASSOCIATIONS**

RMS OF THE DOLLARS TO READINESS MODEL

SCREEN CURRENCY: 21 MAY 1985, 1420Z
 SCREEN DATA CURRENCY: 010Z
 ELD: 16 MAY 1985, 1344Z

PRICE RUN LABEL	OPPLAN OPORD RUN LABEL	RESOURCE UNIT PRICE LABEL	REMARKS
DOLLARS TEST	TEST	TESTACTUAL	THIS IS A TEST ASSOC RECORD
DOLLARS TEST2	TESTACTUAL	TESTACTUAL	ANOTHER TEST
DOLLARS10	TEST10	TESTACTUAL	10 DAYS OF TESTACTUAL DOLLARS
DOLLARS15	TEST15	TESTACTUAL	15 DAYS OF TESTACTUAL DOLLARS
DOLLARS30	TEST30	TESTACTUAL	30 DAYS OF TESTACTUAL DOLLARS
DOLLARS30-M	TEST30-M	TESTACTUAL	30 DAYS UNCONSTRAINED BY MUNITIONS
DOLLARS35	TEST35	TESTACTUAL	35 DAYS OF TESTACTUAL DOLLARS
DOLLARS40	TEST40	TESTACTUAL	40 DAYS OF TESTACTUAL DOLLARS
DOLLARS60	TEST60	TESTACTUAL	60 DAYS OF TESTACTUAL DOLLARS
TESTDOLLARS	TESTDAYS	TESTACTUAL	SEVEN DAY TEST

PAGE 1 OF 1

21 May 85

18192

UNCLASSIFIED

CHANGE OPPLAN DATA
 NO OPPLAN SCREEN
 DELETE OPPLAN SCREEN

WALF PG

SCREEN TITLE: DOLLARS TO READINESS ASSOCIATIONS

SCREEN NUMBER: MAJ.DLR. .T

SCREEN PURPOSE:

Display the on-line runs already made with the Dollars to Readiness Model and provide the means for the user to associate different sets of Sortie Generation Model tasking and capability data with different sets of resource unit pricing data for input to the Dollars to Readiness Model. This also facilitates "what-ifing" dollars to readiness issues, e.g., this year's task with last year's prices.

USERS:

PRIMARY: LGSF, LGW

SUPPORTING: XPP

SCENARIO:

The user wants to either (1) see what Price Run Labels to use as parameter choices for the Dollars to Readiness products, (2) see what OPLAN/POM tasking and/or resource unit price data sets were used for a particular run of the Dollars to Readiness Model, or (3) set up a run for the Dollars to Readiness Model. The model uses the Dollars to Readiness Associations Price Run Label to execute a model run.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE: The user.

RELATED SCREENS:

Dollars to Readiness - Comparisons (Fuels)
Dollars to Readiness - Comparisons (All Resource Types)
Dollars to Readiness - Resource Perspective
Dollars to Readiness Model
Resource Unit Price
OPLAN/OPORD Associations (Ref. Section 1.1)

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and Scrolling
Full screen editor

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 3-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

Add a column for the number of days of OPLAN/OPORD data wanted for use in the Dollars To Readiness Model and products. If a SGM run has computed 60 days of a task, the users of Dollars To Readiness products will not always wait the full 60 days.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Dollars to Readiness Identifier	4A
Order Identifier	4B
Resource Price Identifier	4C
Dollars to Readiness Remarks	4D

PARAMETER SELECTION SCREEN:

DOLLARS TO READINESS ASSOCIATIONS PARAMETER SCREEN								
ENVIRONMENT: PEACE						EXERCISE	CRISIS	PAGE 1 of 1
<p>1. PRICE RUN LABEL ALL LABELS</p> <p>2. OPLAN/OPORD LABEL ALL LABELS</p> <p><input checked="" type="checkbox"/> 3. RESOURCE UNIT PRICE LABEL</p>								
TESTACTUAL								
DISPLAY PRODUCT			RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP		↑	
KEY # 1	2	3	4	5	6	7	8	

Write in a value.

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG HALF PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16
---------	----	----	----	----	----	----	----

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 30 MAY 1985,1105Z UNCLASSIFIED
 OLD: DTG Z DOLLARS TO READINESS ASSOCIATIONS
 NEW: 16 MAY 1985,1344Z RUNS OF THE DOLLARS TO READINESS MODEL

PRICE	PLAN	OPORD	RESOURCE	UNIT PRICE	REMARKS
ILABEL	IRUN LABEL	ILABEL	ILABEL	ILABEL	
DOLLARS TEST	TEST	TESTACTUAL	TESTACTUAL	TESTACTUAL	THIS IS A TEST ASSOC RECORD
DOLLARS TEST2	TESTACTUAL	TESTACTUAL	TESTACTUAL	TESTACTUAL	ANOTHER TEST
DOLLARS10	TEST10	TESTACTUAL	TESTACTUAL	TESTACTUAL	10 DAYS OF TESTACTUAL DOLLARS
DOLLARS15	TEST15	TESTACTUAL	TESTACTUAL	TESTACTUAL	15 DAYS OF TESTACTUAL DOLLARS
DOLLARS30	TEST30	TESTACTUAL	TESTACTUAL	TESTACTUAL	30 DAYS OF TESTACTUAL DOLLARS
DOLLARS30-H	TEST30-H	TESTACTUAL	TESTACTUAL	TESTACTUAL	30 DAYS UNCONSTRAINED BY MUNITIONS
DOLLARS35	TEST35	TESTACTUAL	TESTACTUAL	TESTACTUAL	35 DAYS OF TESTACTUAL DOLLARS
DOLLARS40	TEST40	TESTACTUAL	TESTACTUAL	TESTACTUAL	40 DAYS OF TESTACTUAL DOLLARS
DOLLARS60	TEST60	TESTACTUAL	TESTACTUAL	TESTACTUAL	60 DAYS OF TESTACTUAL DOLLARS
TESTDAYS	TESTDAYS	TESTACTUAL	TESTACTUAL	TESTACTUAL	SEVEN DAY TEST

PAGE 1 OF 1

30 May 85

UNCLASSIFIED

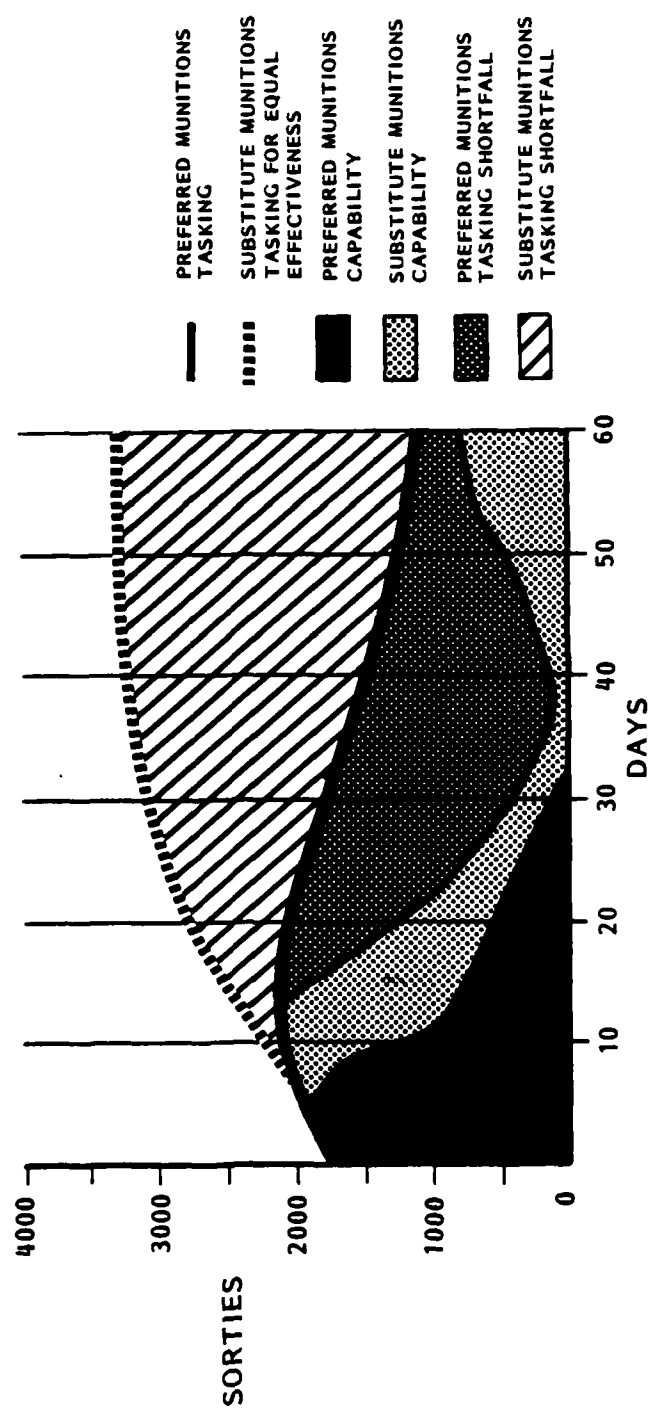
1105Z

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARA#	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

CLASSIFICATION MUNITIONS SUBSTITUTION SORTIE REQUIREMENT USAFE FY 86

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC

TASKING:
FY 86 WMP



SCREEN ID NO.:

07002

CLASSIFICATION

15 AUG 83

10/1-140

SCREEN TITLE: MUNITIONS SUBSTITUTION SORTIE REQUIREMENT

SCREEN NUMBER: MAJ.POM. .G

SCREEN PURPOSE:

Display the sortie requirement to maintain the probability of target kill with the substitute munitions.

USERS:

PRIMARY: XPX, XPP

SUPPORTING: LGW, DO

SCENARIO:

The Air Force FY86-90 POM is being reviewed by OSD. During the review, some substitute alternatives to the Air Force munitions program were proposed. The USAFE staff is determining the sortie impact if the desired target kill effectiveness of the preferred munition is maintained.

CLASSIFICATION:

This product is normally classified SECRET. However, "what-if" exercises will be UNCLASSIFIED. Therefore, the user building the tasking must set the classification.

ASSUMPTIONS:

- a. In theatre munitions have been allocated to the units.
- b. Availability of munitions is not limited by the ability to build up munitions.
- c. WMP tasking, target information, and munition data have been entered.
- d. Reference assumptions in Munitions Capability (Section 1.2).
- e. Data has been loaded on equivalent sortie effectiveness for the substitute munition Standard Conventional Load (SCL).

DATA SOURCES:

The tasking is computed as described in the Translate Tasking section. The munitions capability is computed by the AFIRMS Sortie Generation Model. The munitions inventory for the appropriate out-year is allocated by the USAFE. USAFE has established SCL equivalency data for the substitute SCLs.

RELATED SCREENS:

Munitions Capability (Ref. Section 1.2)
Munitions Substitution Sortie Capability
War Mobilization Plan
Mission Profile Definition (Ref. Section 1.1)

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Two tasking lines plotted. Otherwise, standard line graph display.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

CLASSIFICATION

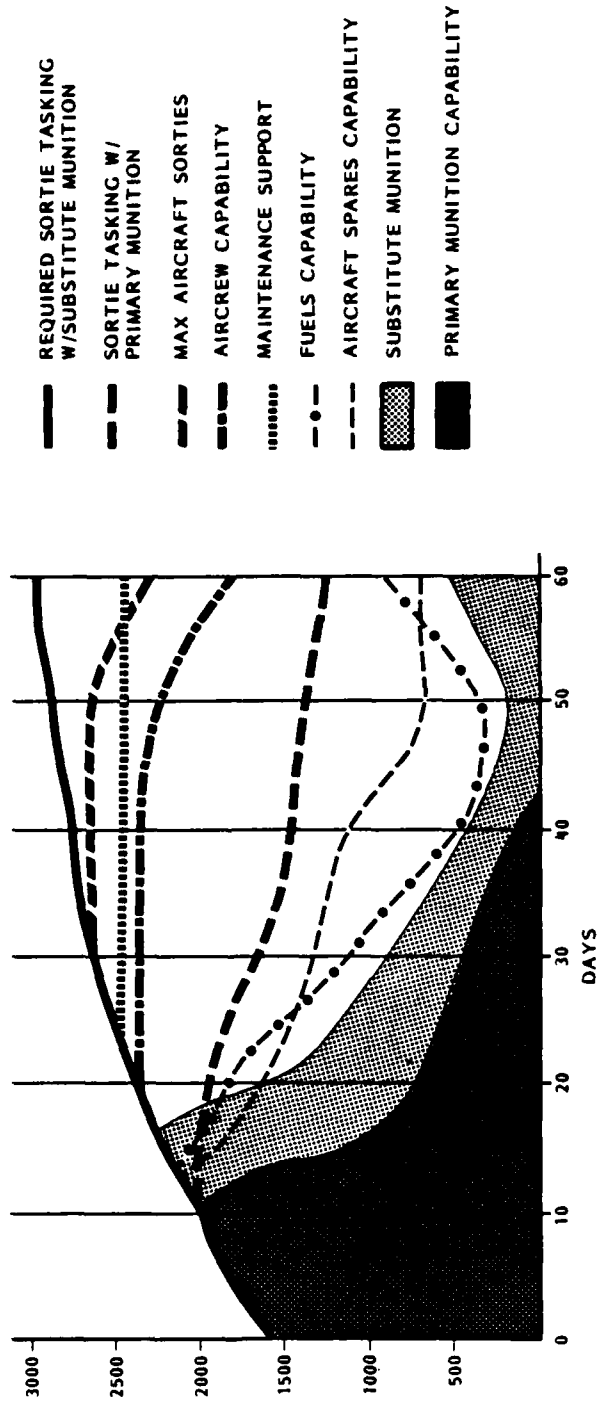
MUNITIONS SUBSTITUTION

SORTIE CAPABILITY

USAFE: FY 86

SCREEN CURRENCY
DTC
SCREEN DATA CURRENCY
DTC
DTC

TASKING
FY86 MMP



0100Z

CLASSIFICATION

20 MAY 83

SCREEN ID NO.:

10/1-142

SCREEN TITLE: MUNITIONS SUBSTITUTION SORTIE CAPABILITY

SCREEN NUMBER: MAJ.POM. .G

SCREEN PURPOSE:

Display the capability of the individual resources to support the sorties required to maintain the target kill effectiveness of the preferred munition(s).

USERS:

PRIMARY: XPX, XPP

SUPPORTING: LGW, LGSF, DO

SCENARIO:

The Air Force FY86-90 POM is being reviewed by OSD. Some substitute munitions are proposed as alternatives to the Air Force munitions program. In order to determine the complete cost of the substitute munition(s) proposed, the Air Staff and USAFE are determining the capability of other Air Force resources to support the substitution sortie requirement. (The same process could also be done to defend the program before Congress.)

CLASSIFICATION:

The expected classification is SECRET. However, "what-if" exercises will be UNCLASSIFIED. Therefore, the user building the tasking must set the classification.

ASSUMPTIONS:

- a. The munitions substitution sortie requirement has been determined. (Ref. Munitions Substitution Sortie Requirement)
- b. All assumptions applying to the individual resource capabilities also apply.
- c. The maximum aircraft sortie generation is a function of time (e.g., 24 hours divided by (sortie duration plus aircraft turnaround time) gives the maximum number of sorties an aircraft can fly in one day).

DATA SOURCES:

The tasking is the output of the Munitions Substitution Sortie Requirement product. The resource capabilities are computed by the AFIRMS Sortie Generation Model. The munitions inventory for the appropriate our-year was allocated by the MAJCOM.

RELATED SCREENS:

Munition Substitution Sortie Requirement

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

This product does not color the shortfall.
There are two tasking lines plotted on this product.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

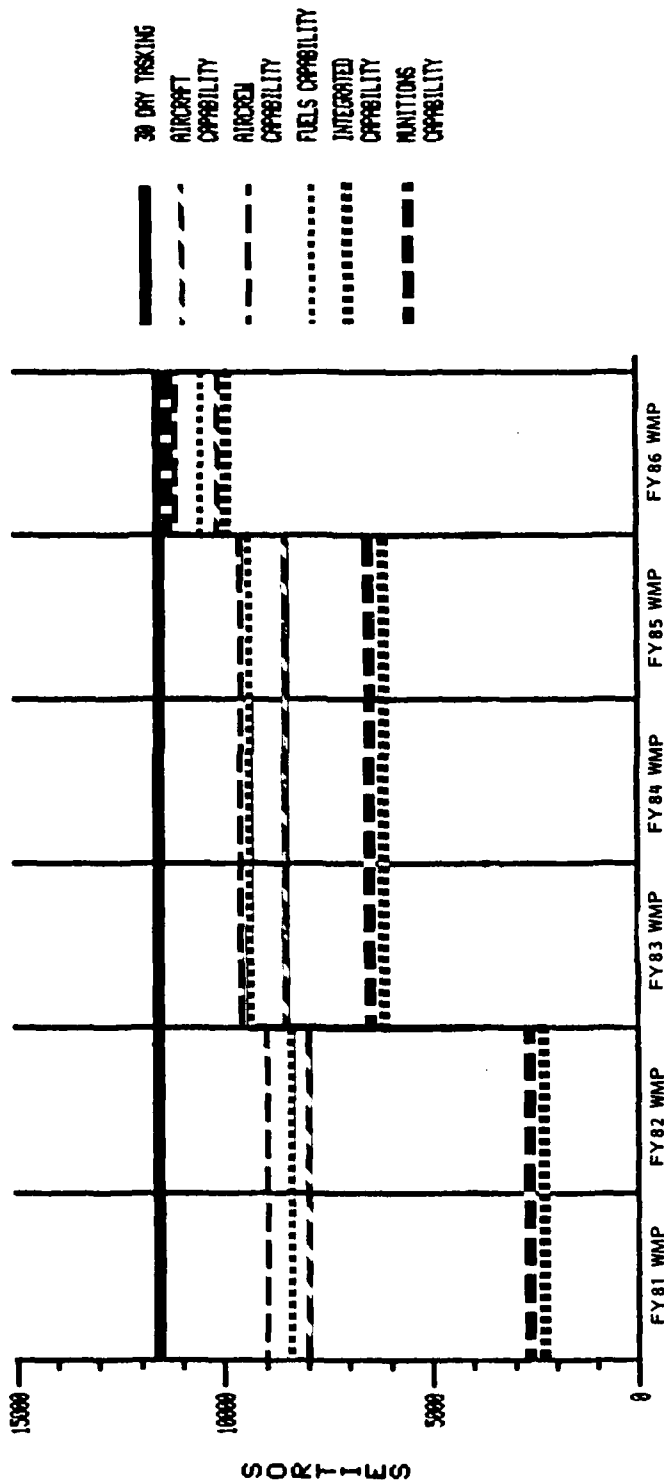
The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED
CAPABILITY PERSPECTIVE
 USAF FIGHTER/RECCE

SCREEN CURRENCY:
 7 JUN 1985, 1854Z
 SCREEN DATA CURRENCY:
 20 FEB 1985, 0954Z
 OLD: 29 FEB 1985, 0954Z
 NEW: 29 MAY 1985, 1331Z



1452

UNCLASSIFIED

07 Jun 85

DISPLAY PAUSE SELECT

TOP MENU

PREVIOUS MENU

UPDATE SCREEN

SCREEN TITLE: CAPABILITY PERSPECTIVE

SCREEN NUMBER: MAJ.CAP. .G

SCREEN PURPOSES:

Display past, current, and/or projected capabilities of Air Force individual resources.

USERS:

PRIMARY: DOC

SUPPORTING: XPX, LGS, LGW, LGX, DOJ, XPP

SCENARIO:

A look back at historical readiness/capability is needed to obtain a better perspective on our current and very near future capability to do the task. The genesis for the required look back could also be from outside the Air Force or DoD, e.g., Congress, GAO.

CLASSIFICATION: The expected classification is SECRET.

ASSUMPTIONS:

- a. The total USAFE capability is an aggregation of unit capability.
- b. Assumptions that apply to the individual resource capability assessments also apply here.
- c. A year-end capability is run for each year and the computed data stored for retrieval.

DATA SOURCES:

The unit capabilities are computed for AFIRMS and aggregated upward to HQ USAF for the current year. Historical unit capabilities are expected to be stored at the wing or USAFE and transmitted to HQ USAF when needed. Out-year Unit capabilities are expected to be computed at USAFE and transmitted to HQ USAF via AFIRMS.

RELATED SCREENS:

Integrated Capability (Ref. Section 1.2)
Individual Resource Capability (Ref. Section 1.2)
Fuels Capability (Ref. Section 1.2)
Munitions Capability (Ref. Section 1.2)

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Dynamic legend
Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES:

Add a parameter to allow selection of the resources desired. It is not necessary to display all resources when only one resource is desired.

DATA ELEMENTS:

Element Name **DRD #**

Unit Name
 Unit Short Name
 Order Identifier
 Order Date
 Order Change Number
 Order Classification
 Unit Daily Sortie Task
 Unit Daily Integrated Sortie Capability
 Resource Type Supporting Unit Task
 Unit Daily Resource Sortie Capability

IC
 IF
 54A
 54E
 54G
 54K
 56G
 56H
 73C
 73D

PARAMETER SELECTION SCREEN:

CAPABILITY PERSPECTIVE PARAMETER SCREEN									
ENVIRONMENT			PEACE	EXERCISE	CRISIS	PAGE 1 of 1			
<p>1. OPLAN/OPORD LABELS</p> <p>FY81 WMP FY82 WMP FY83 WMP FY84 WMP FY85 WMP FY86 WMP</p> <p style="text-align: center;">2. SCREEN SUBTITLE</p> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto; text-align: center; vertical-align: middle;"> Write in a value. </div> <p style="text-align: center;">USAFE FIGHTER/REECE</p>									
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	→					
KEY # 1	2	3	4	5	6	7	8		

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	
KEY # 9	10	11	12	13	14	15	16

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS Implementation.

SCREEN CURRENCY:
 24 MAY 1985, 1252Z
 SCREEN DATA CURRENCY:
 0102
 0102
 NEW: 23 MAY 1985, 1252Z

UNCLASSIFIED PROCESS STATUS RECORDED BACKGROUND JOBS

USER	SITE	TRANS ID	PRG	FUNCTION	ASSOCIATION LABEL	DATE-TIME START	DATE-TIME FINISH	STATUS	COMPLETION	ERROR MESSAGE
BR7874	SUP	1187	153	1	SOFTIE GEN MODEL	25-APR-1985, 1737Z	25-APR-1985, 1943Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1184	442	1		03-MAY-1985, 0717Z	03-MAY-1985, 0802Z	COMPLETE	-11	-10000 err-cur 42
		1187	424	1		04-MAY-1985, 0532Z	04-MAY-1985, 0532Z	COMPLETE	-42	-10000 err-cur 42
		1187	484	1		07-MAY-1985, 0232Z	07-MAY-1985, 0232Z	COMPLETE	4	DOUBLE FETCH Error on Query 63
CHESUP	SUP	1184	385	1	SOFTIE GEN MODEL	25-APR-1985, 0402Z	25-APR-1985, 0457Z	COMPLETE	888	888 VSES/SYSTEM DASHED
DEVELL	SUP	1182	5813	1	8-10-REQUIRESS	07-119-1985, 1207Z	07-119-1985, 1207Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1182	5812	1		07-119-1985, 0922Z	07-119-1985, 0922Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1185	6385	1		15-MAY-1985, 1472Z	15-MAY-1985, 1532Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1185	6314	1		15-MAY-1985, 1472Z	15-MAY-1985, 1532Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1185	6358	1		15-MAY-1985, 1532Z	15-MAY-1985, 1607Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1184	522	1		15-MAY-1985, 2012Z	15-MAY-1985, 2102Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1185	6319	1		15-MAY-1985, 1332Z	15-MAY-1985, 1332Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1185	6311	1		16-MAY-1985, 1527Z	16-MAY-1985, 1527Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1185	6156	1		23-119-1985, 0322Z	23-119-1985, 0342Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1185	6310	1		07-MAY-1985, 0332Z	07-MAY-1985, 0332Z	COMPLETE	4	OPTICAL Error on Query 61
		1184	488	1		08-MAY-1985, 1532Z	08-MAY-1985, 1532Z	COMPLETE	4	OPTICAL Error on Query 61
		1185	5588	1		07-119-1985, 0532Z	07-119-1985, 0532Z	COMPLETE	888	888 VSES/SYSTEM DASHED
		1182	6737	1		22-MAY-1985, 0317Z	22-MAY-1985, 0472Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1183	458	1		21-MAY-1985, 1322Z	21-MAY-1985, 1482Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1185	6582	1		15-MAY-1985, 1327Z	15-MAY-1985, 1352Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1182	6278	1		04-MAY-1985, 0452Z	04-MAY-1985, 1128Z	COMPLETE		0 REQUESTED SERVICE COMPLETE
		1087	651	1		22-APR-1985, 0200Z	22-APR-1985, 1252Z	COMPLETE		0 REQUESTED SERVICE COMPLETE

SCREEN TITLE: PROCESS STATUS

SCREEN NUMBER: MAJ.SPT. .J

SCREEN PURPOSE:

Display the job status of the AFIRMS functions requested, i.e., the Sortie Generation Model, Dollars To Readiness Model, Post Base Status Rollup, Post Unit Status Rollup, Post Resource Rollup, Transmit Base Status Rollup, Transmit Unit Status Rollup, and Transmit Resource Rollup.

USERS:

PRIMARY: Reports Cell/DOCR

SUPPORTING: LRC, DOCP

SCENARIO:

The user has executed one of the models, has executed a function to update the database with unit rollup data, or transmitted the rollup data to HQ USAF. After initiating the batch job, the user is periodically monitoring the completion of the job.

CLASSIFICATION:

This display is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The AFIRMS system provides the data.

RELATED SCREENS:

OPLAN/OPORD Associations
Dollars to Readiness Associations

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Key Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-11, and 15

RECOMMENDED CHANGES:

- a. A function needed with this screen is the ability to cancel/kill a job request.
- b. Delete the Operating Site parameter.

DATA ELEMENTS:

Element Name DRD #

User Name
Operating Site Name
Terminal ID
Transaction ID
Function Name
Association Label
Job Start DTG
Job Finish DTG
Job Run Status
Job Status Completion Code
Error Message

PARAMETER SELECTION SCREEN:

PROCESS STATUS PARAMETER SCREEN							
ENVIRONMENT:		PEACE	EXERCISE	CRISIS	PAGE 1 of 1		
1. FUNCTION ALL FUNCTIONS							
2. ASSOCIATION LABEL ALL LABELS							
<input checked="" type="checkbox"/> 3. OPERATING SITE ALL							
4. USER NAME ALL USERS							
DISPLAY PRODUCT				RETURN TO TOP MENU	HELP		→
KEY # 1	2	3	4	5	6	7	8
1ST ARRAY OF PARAMETER SCREEN KEYS							
PAGE REVERSE ←	FULL PG HALF PG	PAGE FORWARD		SELECT PARAM VALUE		DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15	16
2ND ARRAY OF PARAMETER SCREEN KEYS							

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 28 MAY 1985,1107Z
 OLP: DTB Z
 MEM: 28 MAY 1985,1302Z

UNCLASSIFIED
 PROCESS STATUS
 RECORDED BACKGROUND JOB

LINE	SITE/ID	IPR/FUNCTION	ASSOCIATION LABEL	STATUS	COMPLETION	ERROR MESSAGE
1	17MAY	153	080716-1985,1742Z	COMPLETE		
2	17MAY	242	080716-1985,1742Z	COMPLETE		
3	17MAY	243	080716-1985,1742Z	COMPLETE		
4	17MAY	244	080716-1985,1742Z	COMPLETE		
5	17MAY	245	080716-1985,1742Z	COMPLETE		
6	17MAY	246	080716-1985,1742Z	COMPLETE		
7	17MAY	247	080716-1985,1742Z	COMPLETE		
8	17MAY	248	080716-1985,1742Z	COMPLETE		
9	17MAY	249	080716-1985,1742Z	COMPLETE		
10	17MAY	250	080716-1985,1742Z	COMPLETE		
11	17MAY	251	080716-1985,1742Z	COMPLETE		
12	17MAY	252	080716-1985,1742Z	COMPLETE		
13	17MAY	253	080716-1985,1742Z	COMPLETE		
14	17MAY	254	080716-1985,1742Z	COMPLETE		
15	17MAY	255	080716-1985,1742Z	COMPLETE		
16	17MAY	256	080716-1985,1742Z	COMPLETE		
17	17MAY	257	080716-1985,1742Z	COMPLETE		
18	17MAY	258	080716-1985,1742Z	COMPLETE		
19	17MAY	259	080716-1985,1742Z	COMPLETE		
20	17MAY	260	080716-1985,1742Z	COMPLETE		

PAGE 1 OF 4

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UNCLASSIFIED

1107Z

SESSION 1 OF 2

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PRINT	HIGHLIGHT	MENU	SCREEN	SCREEN
SELECT	TITLE			

SCREEN: 28 MAY 1985,1107Z
 OLP: DTB Z
 MEM: 28 MAY 1985,1302Z

UNCLASSIFIED
 PROCESS STATUS
 RECORDED BACKGROUND JOB

LINE	SITE/ID	IPR/FUNCTION	ASSOCIATION LABEL	STATUS	COMPLETION	ERROR MESSAGE
1	17MAY	153	080716-1985,1742Z	COMPLETE		
2	17MAY	242	080716-1985,1742Z	COMPLETE		
3	17MAY	243	080716-1985,1742Z	COMPLETE		
4	17MAY	244	080716-1985,1742Z	COMPLETE		
5	17MAY	245	080716-1985,1742Z	COMPLETE		
6	17MAY	246	080716-1985,1742Z	COMPLETE		
7	17MAY	247	080716-1985,1742Z	COMPLETE		
8	17MAY	248	080716-1985,1742Z	COMPLETE		
9	17MAY	249	080716-1985,1742Z	COMPLETE		
10	17MAY	250	080716-1985,1742Z	COMPLETE		
11	17MAY	251	080716-1985,1742Z	COMPLETE		
12	17MAY	252	080716-1985,1742Z	COMPLETE		
13	17MAY	253	080716-1985,1742Z	COMPLETE		
14	17MAY	254	080716-1985,1742Z	COMPLETE		
15	17MAY	255	080716-1985,1742Z	COMPLETE		
16	17MAY	256	080716-1985,1742Z	COMPLETE		
17	17MAY	257	080716-1985,1742Z	COMPLETE		
18	17MAY	258	080716-1985,1742Z	COMPLETE		
19	17MAY	259	080716-1985,1742Z	COMPLETE		
20	17MAY	260	080716-1985,1742Z	COMPLETE		

PAGE 1 OF 4

28 May 85

UNCLASSIFIED

1107Z

SESSION 2 OF 2

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PRINT	HIGHLIGHT	MENU	SCREEN	SCREEN
SELECT	TITLE			

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10/1-152

30531

SECTION 3 Alphabetical Index

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Individual Resource Capability	MAJ.CAP. .G	10/1-46
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Mission Profile Definition	MAJ.TASK. .T	10/1-16
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SCREEN NUMBER

PAGE NUMBER

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Resupply Schedule	MAJ.STAT. .T	10/1-32
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Wing Resource Summary	MAJ.STAT. .T	10/1-100
Wing Resource Summary (POM Variation)	MAJ.STAT. .T	10/1-118

The WOC Battle Staff receives ATOs with the missions for the next day from the Allied/Air Tactical Operations Centers (ATOCs). The Frag Shop "breaks out" the wing's portion of the ATO and determines the wing's capability to perform the assigned missions. If there are any shortfalls in the resource data maintained in AFIRMS by the functional control areas (reference Figure 2), the Frag Shop coordinates changes in Standard Conventional Loads (SCLs) and/or changes in mission time over target, combines missions, etc., and/or turns back missions the wing can't complete to the ATOC. The WOC also sends periodic operational reports to the North Atlantic Treaty Organization (NATO) via EIFEL (a NATO command and control system) and functional area reports to Headquarters, United States Air Forces, Europe (HQ USAFE) via AFIRMS.

The scenario for these products is a crisis or exercise, and assumes the WOC has received an ATO which has been reviewed by the Mission Director and Senior Battle Staff. The Frag Shop is determining the wing's capability to fly the missions. This scenario is not repeated for the individual products. Each product description discusses a specific circumstance within this baseline scenario.

SECTION 2. 52ND TFW STAFF SUPPORT PRODUCTS

The 52nd TFW products in this section support the Wing's staff during normal peacetime day-to-day operations. In this mode of operations, most of the WOC Battle Staff functions are performed by certain functional areas in the wing headquarters (i.e., Senior Battle Staff, Frag Shop, LRC, Intelligence). Only the Emergency Actions Cell remains in the WOC. The control centers outside the WOC also remain and continue to operate as they did during the exercise or crisis -- only the work pace is slowed.

Thus, the wing's activities and processes in this section are very similar in exercise and in day-to-day duties. The differences are:

- a. The tasking (i.e., a training schedule) is generated by the wing itself, not by the ATOC (i.e., the ATO).
- b. The locations and titles of the Battle Staff functions are changed.
- c. The Battle Staff has a short-term view (i.e., today and tomorrow). The wing staff also looks at next week and next month or longer.

The wing also must report on its readiness to perform the standard task it was designed to accomplish -- the unit Designed Operational Capability (DOC) statement. The DOC statement is the unit's piece of the United States Air Force (USAF) War Mobilization Plan (WMP). Unlike the ATO, it is a general statement of the task, and it is a multi-day task. The products in this section assist the unit in making the DOC (or a similar generalized task statement from a contingency plan, a "what-if" plan, etc.) into a more specific statement of the task. When this is accomplished, the unit's resources (i.e., aircraft, aircrews, fuels, and munitions) can then be measured against the task.

There are crisis/exercise products that the wing will use in its daily routine such as Aircraft Status, Aircrew Status, Fuels Status, and the flying schedule. They are not repeated in this section.

That is the baseline scenario for Section 2. The scenario in the products references it and states a specific user circumstance within the baseline scenario.

1.1 Translate/Breakout Tasking Products

The product screens in Section 1.1 provide functional and "bird's eye" views of the task (in this case an ATO) that aid the user to determine:

- a. The scope of the task (e.g., how many sorties by type of mission, how many and what type of munition, timeframe of the missions, etc.).
- b. The validity of the task (e.g., is the wing tasked for missions it is not qualified to perform, munitions it doesn't possess or is not qualified to load?).

SCREEN TITLE

Tasking Information
Tasked Missions
Missions Flow
Tasked Munitions
Munition Flow

SCREEN CURRENCY:
 2 OCT 1984 1159Z
 SCREEN DATA CURRENCY:
 016Z
 OLD:
 FEB 10 JUL 1984 1214Z

UNCLASSIFIED
 TASKING INFORMATION

TASKING:
 ATOL, 02-JUL-84

52 TFW

MISSION		AIRCRAFT		NOTICED		TARGET	SUPPORT	REMARKS
NUMBER	TYPE	TRN SEQ	NUM	MODE	UTY	DESCRIPTION	MISSION	
125301	OCR	2	2	14E	2	125301		
125301	OCR	2	3	14E	2	125301		
125301	OCR	2	1	14E	2	125301		
125302	OCR	2	2	14E	2	125302		
125303	OCR	2	2	14E	2	125303		
125304	OCR	2	1	14E	2	125304		
125305	OCR	2	1	14E	1	125305		
125306	OCR	2	3	14E	2	125306		
125307	CRS	4	1	14E	2	125307		
125308	CRS	4	1	14E	4	125308		
125309	CRS	4	1	14E	2	125309		
125310	CRS	4	1	14E	2	125310		
125311	CRS	4	1	14E	2	125311		
125312	CRS	4	1	14E	4	125312		
125313	CRS	4	1	14E	4	125313		
125314	CRS	4	1	14E	4	125314		
125315	CRS	4	1	14E	2	125315		
125316	CRS	4	1	14E	2	125316		
125317	CRS	4	1	14E	2	125317		
125318	CRS	4	1	14E	2	125318		
125319	CRS	4	1	14E	2	125319		

PRICE 1 OF 2

02 OCT 84

UNCLASSIFIED

15672

DISPLAY MENU SELECT

PRINT COPY

TOP MENU

PREVIOUS MENU

UPDATE SCREEN

SCREEN TITLE: TASKING INFORMATION

SCREEN NUMBER: WG.TASK. .T

SCREEN PURPOSE:

Display the lowest level tasking information specified in the Air Tasking Order (ATO).

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Tactical Fighter Squadron
Munitions Branch Chief
Maintenance Operations Center

SCENARIO: (Reference baseline scenario.)

The Frag Shop has entered the tasking and is validating the ATO mission data to ensure the missions are legal and feasible. If necessary, the ATO mission data will be changed or turned back to the ATOC.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

Munitions are not substituted. If a mission cannot be performed because of a munition shortfall, the SCL will be changed, if possible, to an acceptable and available munition.

DATA SOURCE:

The wing receives the ATO from the ATOC via EIFEL or message. The wing Frag Shop enters the ATO into AFIRMS.

RELATED SCREENS:

Task Capability
Tasking Mission Flow
Tasked Missions
Tasked Munitions

DISPLAY SCREEN FEATURES: (See Product Display Screen Display Features, page 3-8.)

Full screen editor
Paging and scrolling

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Add a column for a squadron name.
- b. Add columns for tasked take-off and landing times.

DATA ELEMENTS:

Element Name

Mission Number
 Mission Type
 Unit Name
 Mission Priority
 Mission Turn Back
 Aircraft MDS
 Number of Aircraft
 Tasked Munition SCL
 Start Time Over Target
 End Time Over Target

DRD #

15C
 15D
 15E
 15O
 15U
 15Q
 15F
 15W
 15G
 15H

Element Name

Target Description
 Support Mission Number
 Mission Remarks
 Aircraft Sequence Number
 Order Identifier
 Order Date
 Order Change Number
 Order Classification

DRD #

15N
 15L
 15V
 157
 54A
 54E
 54G
 54K

PARAMETER SELECTION SCREEN:

TASKING INFORMATION PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>1. AIR TASK ORDER</p> <p style="text-align: center;">Write in a value.</p> </div>			
AT01			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	→	↶	↷

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	↷

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16
---------	----	----	----	----	----	----	----

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 8 MAY 1985,1456Z
 OLD: DTG Z
 NEW: 10 JUL 1984,1214Z

UNCLASSIFIED
 TASKING INFORMATION
 SZIFH

TASKING:
 ATOL

MISSION	IRACRAFT	TOT(ZULU)	TARGET	SUPPORT								
NUMBER	TYPE	PR	BAK	IN	POS	QTY	SCL	BEGIN	END	DESCRIPTION	MISSION	REMARKS
112FS300	10CA	12	1	1	2	1	1	UD302Q	0746	RUNWAY AND TAXI		
						3		UD301Q				
112FS301	10CA	12	1	1	1	1	1	UD101Q	0752	RNMY AND BOMBS		
						2		UD101Q				
112FS302	10CA	12	1	1	1	1	1	UD101Q	0800	RNMY AND PX	05FS311	
						2		UD201Q				
112FS303	1BA1	13	1	1	1	1	1	UD302Q	0800	BRIDGE		
112FS304	1BA1	13	1	1	1	1	1	UD302Q	0800	BOMB DUMP		
112FS305	10CA	12	1	1	1	1	1	UD101Q	0812	RNMY AND RADAR	112FS318A	
						2		UD101Q				
						3		UD201Q				

PAGE 1 OF 3

8 May 85

UNCLASSIFIED

1456Z

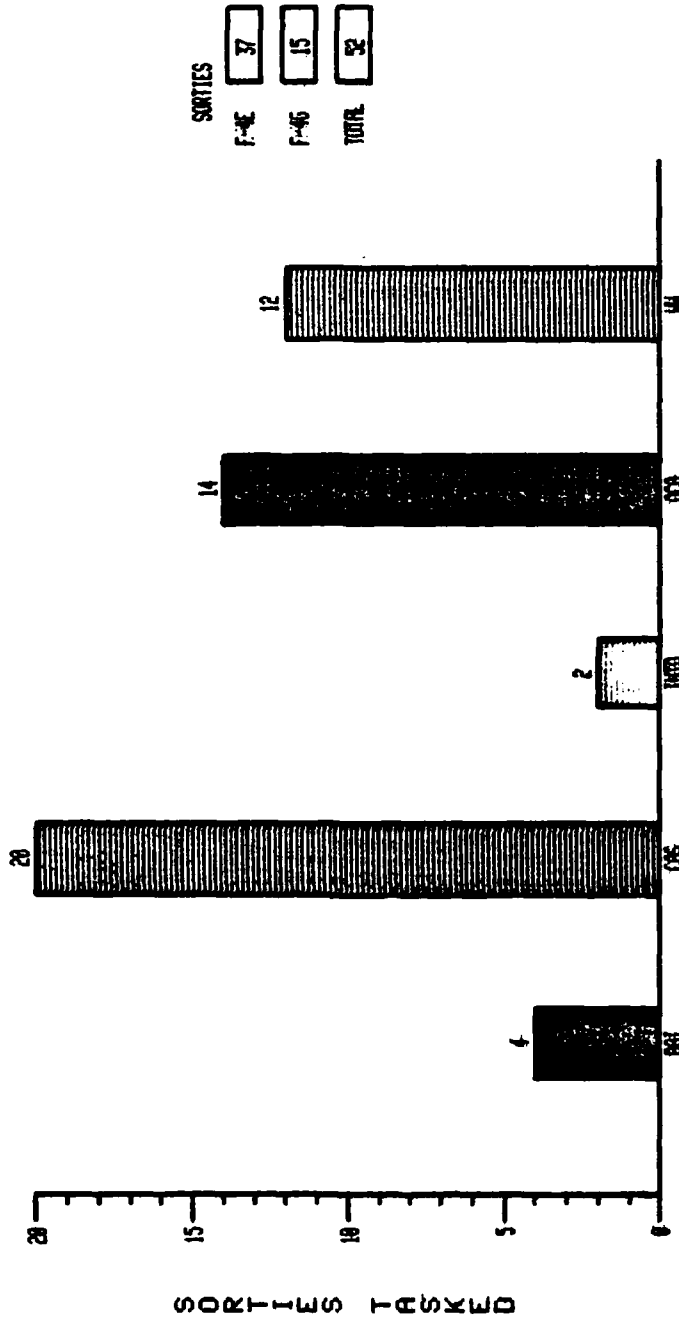
SEGMENT 1 OF 1

DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARAM	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			

UNCLASSIFIED
 2001 02-28-04

UNCLASSIFIED
 TASKED MISSIONS
 52 TFM

SCREEN CURRENCY:
 10 OCT 1994 1612Z
 SCREEN DATA CURRENCY:
 0102
 DATE: 00 JAN 1994 1630Z



SORTIES

F-4E	37
F-46	15
TOTAL	52

TASKED MISSIONS



SCREEN TITLE: TASKED MISSIONS

SCREEN NUMBER: WG.TASK. .G

SCREEN PURPOSE:

Display the tasking in the form of the mission types required. Mission types are presented on the horizontal axis.

USER:

PRIMARY: Senior Battle Staff

SUPPORTING:

Mission Director
Tactical Fighter Squadron
Maintenance Operations Center
Frag Shop

SCENARIO: (Reference baseline scenario.)

The Frag Shop has entered the ATO mission data into the system. The user wants to look at the tasking in a number of ways (e.g., by the types of missions tasked).

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

DATA SOURCE:

The wing receives the ATO from the ATOC via EIFEL or message. The wing Frag Shop enters the ATO into AFIRMS.

RELATED SCREENS:

Task Capability
Tasked Munitions
Mission Flow
Tasking Information

DISPLAY SCREEN FEATURES: (See Product Display Screen Display Features, page 3-8.)

Rescalable y-axis.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name

Mission Type
Mission Turnback
Order Identifier
Order Date
Order Change Number
Order Classification
Tasked Unit Name

DRD #

15D
15U
54A
54E
54G
54K
56A

Element Name

Mission Type
Sorties Per Day
Resource Type
Resource Amount Tasked

DRD #

59G
59K
73C
73L

PARAMETER SELECTION SCREEN:

TASKED MISSIONS PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<p><input type="checkbox"/> 1. AIR TASK ORDER</p> <p><input type="checkbox"/> 2. INCLUDE TURNED BACK MISSIONS? YES</p> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto; text-align: center; vertical-align: middle;"> Write in a value. </div>			
AT01			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
↑			↑

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY # 9	10	11	12	13	14	15	16
---------	----	----	----	----	----	----	----

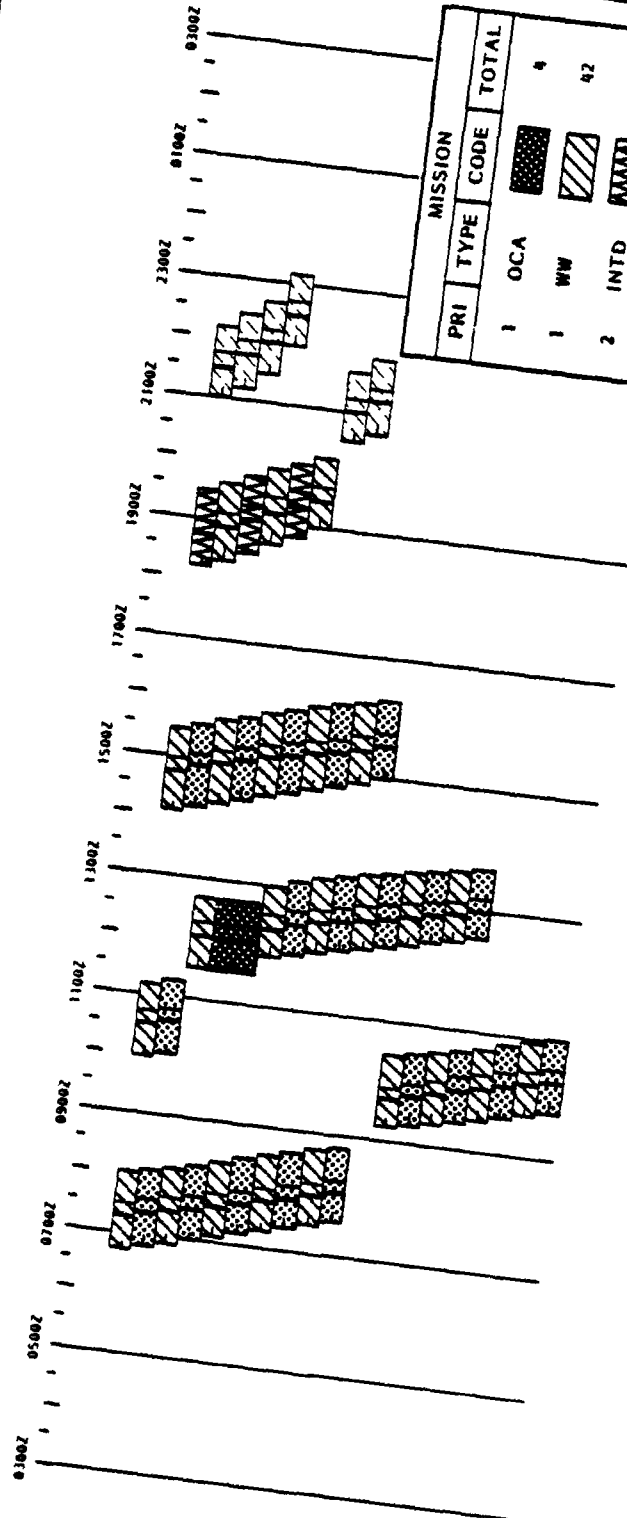
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS Implementation.

**CLASSIFICATION
MISSION FLOW
52 TFW**

TASKING:
ATO NO. 2, 28 MAY 83

SCREEN CURRENCY
DTC
SCREEN DATA CURRENCY
DTC
DTC



MISSION			
PRI	TYPE	CODE	TOTAL
1	OCA		4
1	WW		42
2	INTD		12
3	AD		12
4	BAI		40

REQUIRED TURN PATTERN							
	1	2	3	4	5	TOTAL	
F-NE	18	x	16	x	10	x	110
F-BC	18	x	14	x	10	x	62
				6	x		48

CLASSIFICATION

28 MAY 83

0100Z

SCREEN ID NO.

10/11-12

SCREEN TITLE: MISSION FLOW

SCREEN NUMBER: WG.TASK. .G

SCREEN PURPOSE:

Display the "first cut" at the scheduling requirements specified in the ATO.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Maintenance Operations Center
Mission Director
Tactical Fighter Squadron
Fuels Control Center

SCENARIO:

The Frag Shop validated the ATO mission data to ensure the missions were legal and feasible and entered the tasking into the system.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

The system uses wing standards for estimated time enroute (ETE) to and from the target area if no take-off or landing times are available.

DATA SOURCE:

The wing receives the ATO from the ATOC via EIFEL or message. The wing Frag Shop enters the ATO into AFIRMS.

RELATED SCREENS:

Task Capability
Tasked Missions
Tasked Munitions
Tasking Information

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9)

Keys no. 1, 4-7, and 8-16.

RECOMMENDED CHANGES: None

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

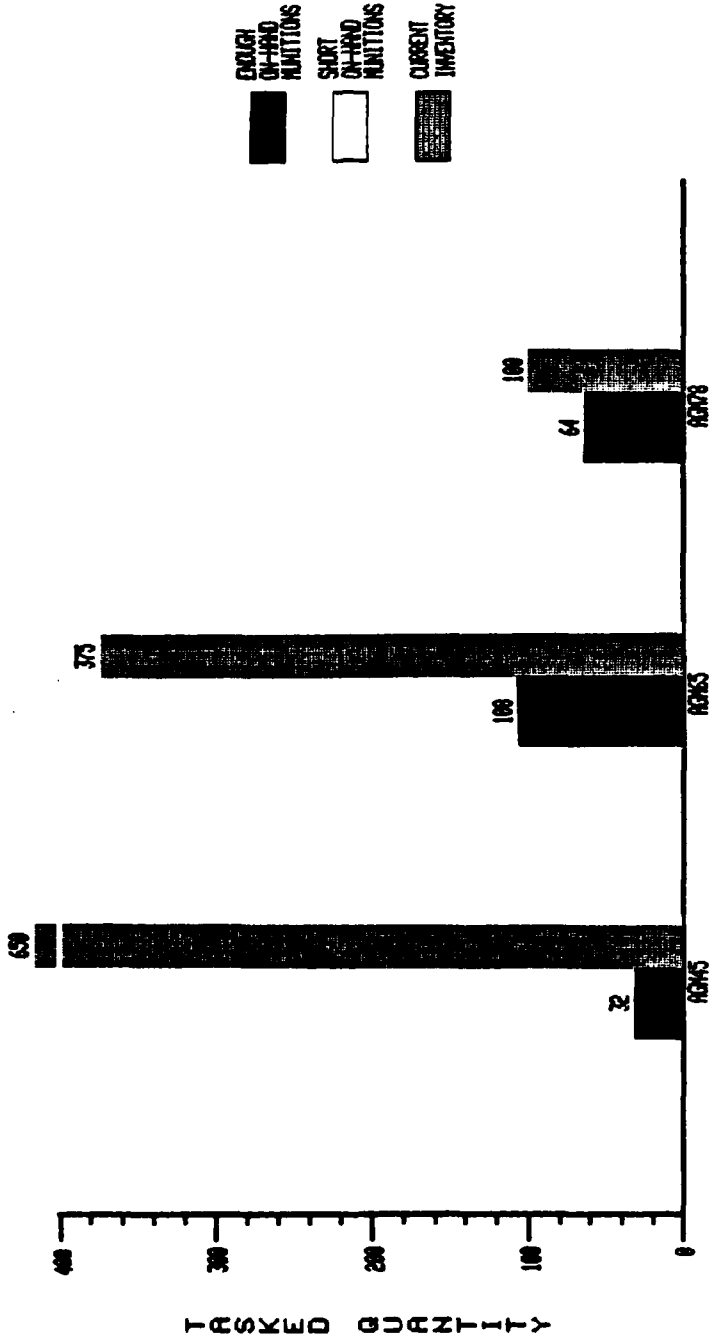
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of the AFIRMS implementation.

SCREEN CURRENCY:
 18 OCT 1994 1610Z
 SCREEN DATA CURRENCY: 010Z
 D.O.:
 REV: 17 APR 1994 1107Z

UNCLASSIFIED
 TASKED MUNITIONS
 52 TFW
 ACCEPTED MISSIONS

TASKING
 0101, 02-11-94



ENOUGH ON-HAND MUNITIONS
 SHORT ON-HAND MUNITIONS
 CURRENT INVENTORY

TASKED MUNITIONS
 UNCLASSIFIED

0102

18 Oct 94

DISPLAY PRINT SELECT

HARD COPY

TOP MENU

PREVIOUS MENU

UPON SCREEN

SCREEN TITLE: TASKED MUNITIONS

SCREEN NUMBER: WG.TASK. .G

SCREEN PURPOSE:

Display the specified tasking in the form of required munitions. Standard Conventional Loads (SCLs) specified in the ATO are translated internally into actual munitions, aggregated and presented on the horizontal axis. Available munitions are also presented alongside the tasked munitions as a quick check on munition tasking validity.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Tactical Fighter Squadron
Munitions Control
Maintenance Operations Center

SCENARIO:

The Frag Shop entered the ATO mission data into the system and now wants to review and validate the ATO's munition requirements.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. There is no munition substitution. If there is a shortage, the user must change the tasked SCL.
- b. Munition quantities are in "whole up" rounds.

DATA SOURCE:

This is computed by AFIRMS from the mission SCLs. The Frag Shop entered the mission data from the ATO.

RELATED SCREENS:

Mission Flow
Munitions Status
Tasked Missions
Tasking Information

DISPLAY SCREEN FEATURES: (See Product Display Screen Display Features, page 3-8.)

Rescalable y-axis.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Resource Current Amount	13H
Mission Turnback Flag	15U
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Tasked Unit Name	74A
Resource Type	74B
Resource Quantity Required	74D

PARAMETER SELECTION SCREEN:

TASKED MUNITIONS PARAMETER SCREEN									
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p><input type="checkbox"/> 1. AIR TASK ORDER</p> </div> <p>2. INCLUDED TURNED BACK MISSIONS NO</p> <p>3. TASKED MUNITIONS AGM 45A AGM 65A AGM 78</p> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto; text-align: center; vertical-align: middle;"> <p>Write in a value.</p> </div>									
ATO1									
←	1	2	3	4	5	6	7	8	↑
PAGE REVERSE	FULL PG		PAGE FORWARD		RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP		
←	9	10	11	12	13	14	15	16	ENTER PARAM VALUE
1ST ARRAY OF PARAMETER SCREEN KEYS									
2ND ARRAY OF PARAMETER SCREEN KEYS									



BLACK-AND-WHITE TABULAR VERSION:

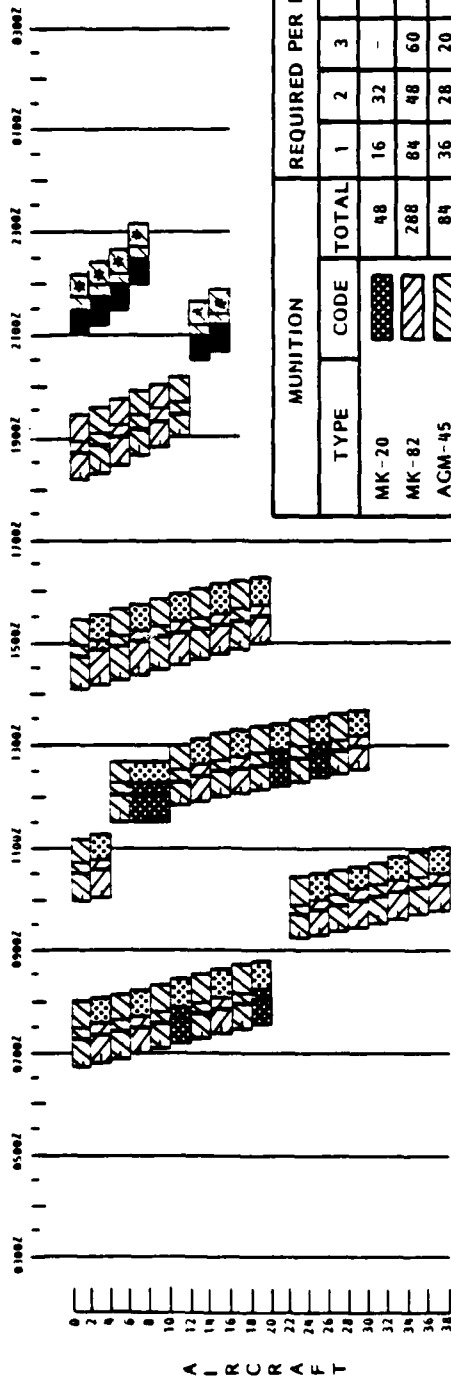
This version will be furnished during the Analysis Phase of AFIRMS Implementation.



CLASSIFICATION MUNITION FLOW 52TFW

SCREEN CURRENCY
DTG
SCREEN DATA CURRENCY
DTG
DTG
DTG

TASKING
ATO NO. 3, 20 MAY 83



MUNITION		REQUIRED PER LAUNCH					
TYPE	CODE	TOTAL	1	2	3	4	5
MK-20		48	16	32	-	-	-
MK-82		288	84	48	60	96	-
ACM-45		84	36	28	20	-	-
ACM-65		104	44	44	16	-	-
AIM-7		48	-	-	-	16	32
AIM-9		48	-	-	-	16	32
SHORTFALL							

SCREEN ID NO.

0100Z

CLASSIFICATION

20 MAY 83

SCREEN TITLE: MUNITION FLOW

SCREEN NUMBER: WG.TASK. .G

SCREEN PURPOSE:

Display the tasking flow of the munition types needed and indicate any munition shortfalls that may occur. Only the quantity of munitions is considered; not the ability to build or load a munition.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Munitions Control
Maintenance Operations Center

SCENARIO:

The Frag Shop entered the tasking data into the system. The Frag Shop is validating the munitions tasking. Munitions Control is evaluating the feasibility of the munitions task.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. No munitions substitution.
- b. Wing standards for ETE to and from the target area are used if no take-off or landing times are available.
- c. Munitions quantities are in "whole up" rounds.

DATA SOURCE:

This is computed by AFIRMS from the mission SCLs. The Frag Shop entered the mission data from the ATO.

RELATED SCREENS:

Mission Flow
Munitions Status
Tasked Missions
Tasked Munitions

DISPLAY SCREEN FEATURES: (See Product Display Screen Display Features, page 3-8.)

Paging and scrolling
Full screen editor
Special area for munition summary data

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 4-7, and 9-16.

RECOMMENDED CHANGE: None

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of the AFIRMS implementation.

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10/11-20

34701

1.2 Determine Resource Capability and Availability Products

The screens in Section 1.2 enable the wing user to compare tasking requirements to available resources and determine capability. In addition to capability screens, a number of availability screens are also presented. Please note that while capability screens require both tasking and resource availability, the tasking is superfluous when only information on the availability of resources is desired.

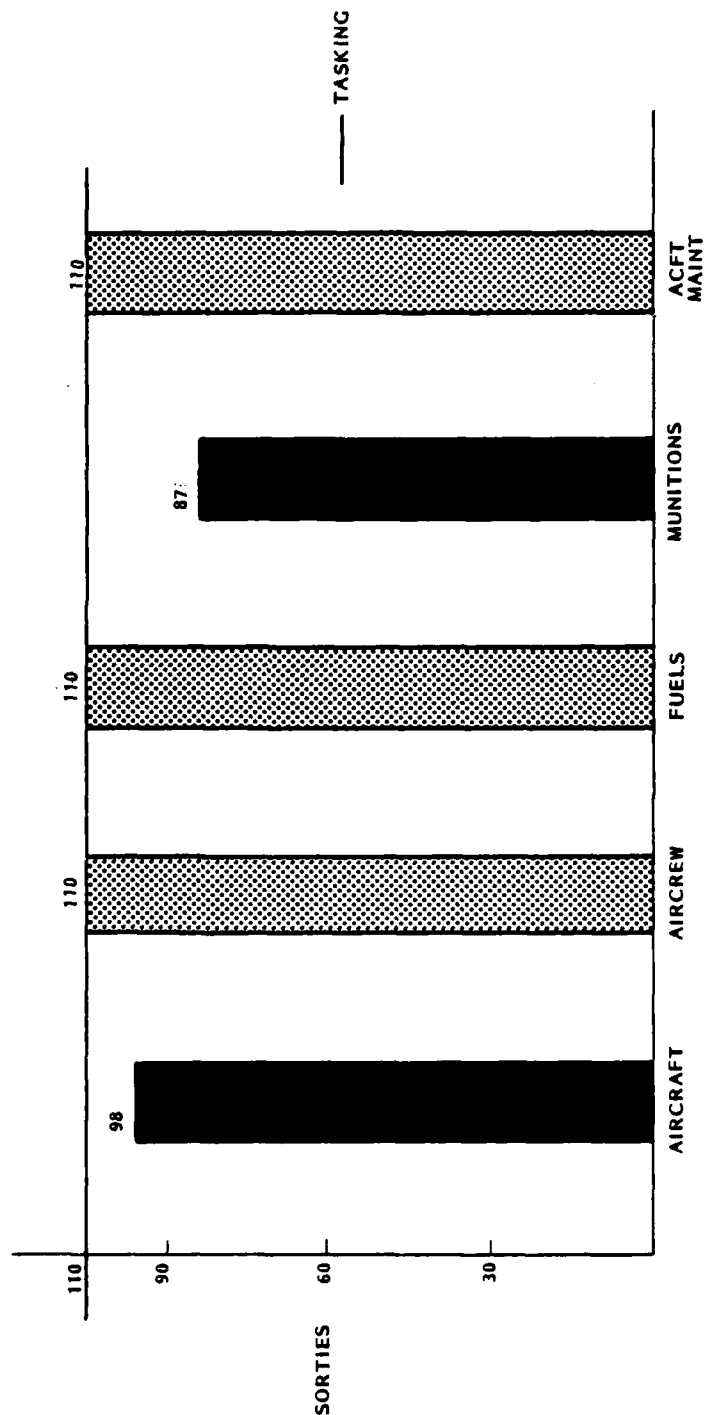
SCREEN TITLE

Task Capability
Aircraft Capability
Aircraft Availability
Aircraft Availability Status
Supply MICAP Status
Task Capability (repeated for continuity)
Aircrew Capability
Aircrew Availability
Task Capability (repeated for continuity)
Fuels Capability
Refuel Capability
Refueling Truck Flow
Task Capability (repeated for continuity)
Munitions Capability
Munitions Load Capability
Munitions Distribution Capability
Munitions Assembly Capability
Munitions Status
Munitions Availability Forecast
Munitions A and D Availability
Munitions Load Crew Flow
Munitions Load Crew Availability
Task Capability (repeated for continuity)
Maintenance Support Capability
AGIE Support Capability
AGIE Availability Status

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC
DTC

TASKING:
ATO NO. 3, 28 MAY 83

TASK CAPABILITY 52 TFW



28 MAY 83

01002

SCREEN ID NO. :

10/11-22

SCREEN TITLE: TASK CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Present an overall view of the capability of the Wing's resources to perform a specified task.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Tactical Fighter Squadron
Maintenance Operations Center
Munitions Control

SCENARIO:

The Frag Shop validated the ATO mission data and entered the tasking into the system. Meanwhile, the Wing's Maintenance and Operations squadrons updated the resource data for the aircraft, aircrews, fuels, munitions, and maintenance support areas. The Wing's capability to do the task is presented on this screen.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

Tasking data have been entered into the system and resource data are current.

DATA SOURCE:

The Frag Shop has input the tasking data into AFIRMS. The attrition data and resource data are input by the resource managers. The AFIRMS Sortie Generation Model then computes the capability data.

RELATED SCREENS:

Aircraft Capability
Aircrew Capability
Fuels Capability
Munitions Capability
Maintenance Support Capability

[NOTE: The Task Capability screen represents an overall view of the resource areas addressed within the screen. The screens immediately following this screen address the aircraft resource area. Following this grouping, the Task Capability screen is repeated for continuity for the remaining resource areas: aircrew, fuels, munitions, and maintenance support.]

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES:

The Aircraft Maintenance Support resource (represented by the far right bar) should be a sub-area of the Aircraft resource.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED AIRCRAFT CAPABILITY 52 TFW DAY 1

TASKING:
SE7TH DCC

SCREEN CURRENCY:
6 JUN 1985, 0922Z
SCREEN DATA CURRENCY:
0102Z
FLD: 06 JUN 1985, 0922Z

SHORTFALL
CAPABILITY



UNCLASSIFIED

06 Jun 85

1317Z

DISPLAY FROM SELECT

TOP MENU

PREVIOUS MENU

UPDATE SCREEN

SCREEN TITLE: AIRCRAFT CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the ability of the wing's aircraft resource to perform the task.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Tactical Fighter Squadron
Maintenance Operations Center

SCENARIO:

The task has been entered and the wing's capability to do the task has been determined. The users now want to review the aircraft resource ability to perform the task.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

The capability computed is limited to the time frame of the task at hand, not to what the aircraft could do in a 24-hour day (unless the task time frame = 24 hours).

DATA SOURCE:

The ATO data is input by the Frag Shop. The Maintenance Operations Center inputs the aircraft status data. AFIRMS computes the capability data.

RELATED SCREENS:

Task Capability
Aircraft Capability
Aircraft Availability
Aircraft Status
Supply MICAP Status

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name	DRD #
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Tasked Unit Name	56A
Task Day	56L
Resource Type	59N
Task Day Wave	74G
Wave Total Sorties	74J
Daily Resource Capability	73D

PARAMETER SELECTION SCREEN:

AIRCRAFT CAPABILITY PARAMETER SCREEN									
ENVIRONMENT: PEACE					CRISIS				
PAGE 1 of 1									
<div style="border: 1px solid black; padding: 10px; margin: 0 auto; width: 80%;"> <p>1. ORDER IDENTIFIER</p> <p>2. TASK DAY</p> <p style="text-align: center;">0</p> </div>									
527FW DOC									
←	DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	→				

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY #	1	2	3	4	5	6	7	8
←	PAGE REVERSE	FULL PG	PAGE FORWARD		SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	

2ND ARRAY OF PARAMETER SCREEN KEYS

KEY #	9	10	11	12	13	14	15	16

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

10/11-27

34701

UNCLASSIFIED AIRCRAFT AVAILABILITY

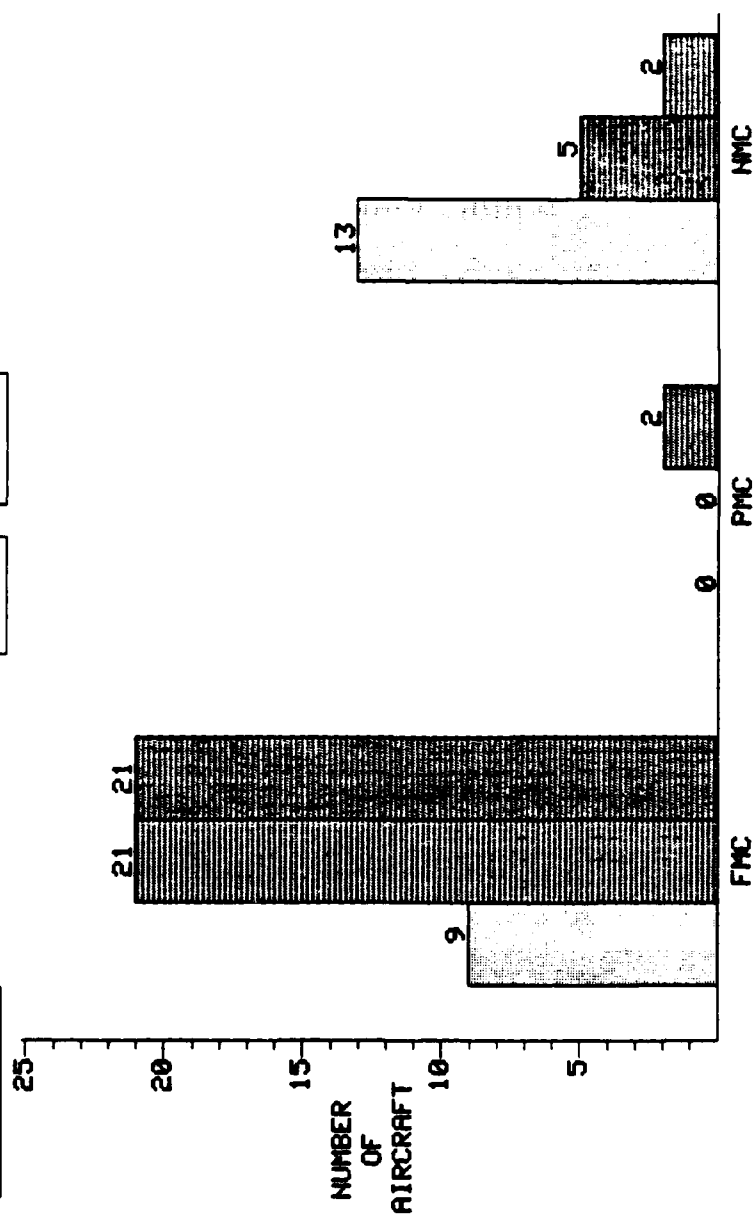
52 TFW

ALL MDS

SCREEN CURRENCY:
2 OCT 1984, 1632Z
SCREEN DATA CURRENCY:
010: 016
REV: 17 APR 1984, 1109Z

STATUS AS OF:
2 OCT 1984, 1109Z

MC	
9	23
21	188
23	188
53	52



02 OCT 84

UNCLASSIFIED

1632Z

- DISPLAY PROGRAM SELECT
- HARD COPY
- TOP MENU
- PREVIOUS MENU
- UPDATE SCREEN

SCREEN TITLE: AIRCRAFT AVAILABILITY

SCREEN NUMBER: WG.STAT .G

SCREEN PURPOSE:

Display summarized aircraft availability information about the 52nd TFW. Data is aggregated across squadron for entire wing.

USER:

PRIMARY: Frag Shop and Mission Director

SUPPORTING:

Senior Battle Staff
Tactical Fighter Squadron
Aircraft Maintenance Units
Maintenance Operations Center

CLASSIFICATION:

This product is UNCLASSIFIED.

SCENARIO:

While the Frag Shop entered the tasking into the system, the Maintenance squadrons updated the aircraft status data. The users are interested in the availability of wing aircraft to support the ATO.

ASSUMPTIONS:

The aircraft status data is current.

DATA SOURCE:

The Maintenance Operations Center and/or the Aircraft Maintenance Units (AMUs) will enter the data into the AFIRMS.

RELATED SCREENS:

Aircraft Capability
Aircraft Status
Supply MICAP Status
Task Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES:

Incorporate the aircraft mission statuses of Partially Mission Capable for Supply (PMCS), Maintenance (PMCM), and Both (PMCB), Not Mission Capable for Supply (NMCS), Maintenance (NMCM), and Both (NMCB) from the pie chart version of this product.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Unit Name	11A
Aircraft MDS	11C
Aircraft Operational Status	11E
Aircraft MC	13Q
Status As Of DTG	13?
Quantity In Status	88C

PARAMETER SELECTION SCREEN:

AIRCRAFT AVAILABILITY PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
			PAGE 1 of 1
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p>1. AIRCRAFT MDS ALL</p> <p>Choose a minimum of 1 value and a maximum of 1.</p> <p>ALL F-4E F-4C</p> </div>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
↑			→

KEY # 1 2 3 4 5 6 7 8
1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG HALF PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15
16						

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED AIRCRAFT AVAILABILITY

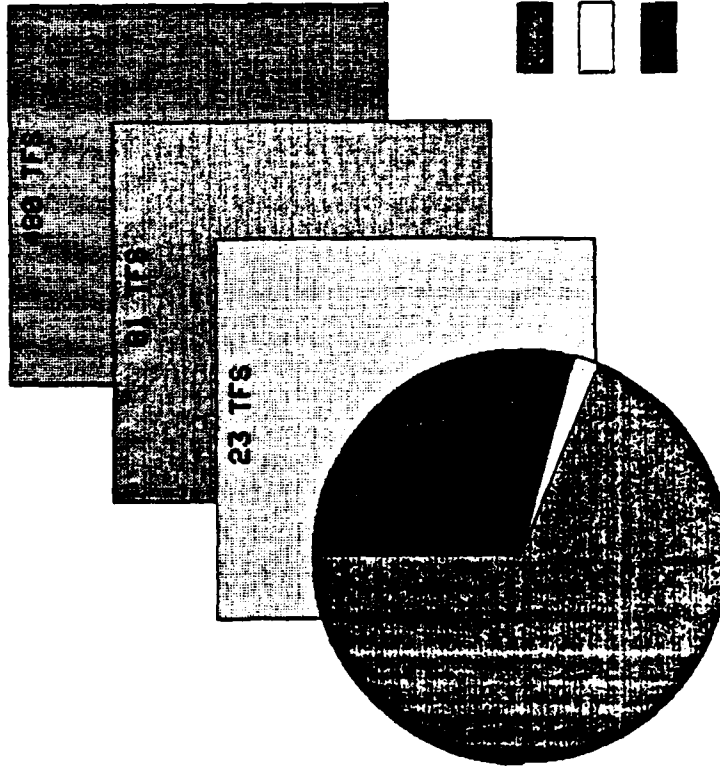
STATUS AS OF:
2 OCT 1984, 1109Z

52 TFW (ALL MDS)

SCREEN CURRENT:
8 NOV 1984, 1741Z
SCREEN DATA CURRENT:
DLG: 016
REV: 22 OCT 1984, 1722Z

	23 TFS	81 TFS	488 TFS	52 TFW
MC	9	21	23	53
FMC	9	21	21	51
PMC	0	0	2	2
PMCS	0	0	1	1
PMCM	0	0	1	1
PMCB	0	0	0	0

NMC	13	3	2	20
NMCS	6	2	1	9
NMCM	3	3	1	7
NMCB	4	0	0	4



FMC
PMC
NMC

UNCLASSIFIED

08 Nov 83

2239Z

DISPLAY PAGE SELECT

HARD COPY

TOP MENU

PREVIOUS MENU

UPDATE SCREEN

SCREEN TITLE: AIRCRAFT AVAILABILITY (Pie Version)

SCREEN PURPOSE:

Display a pie chart version of aircraft availability.

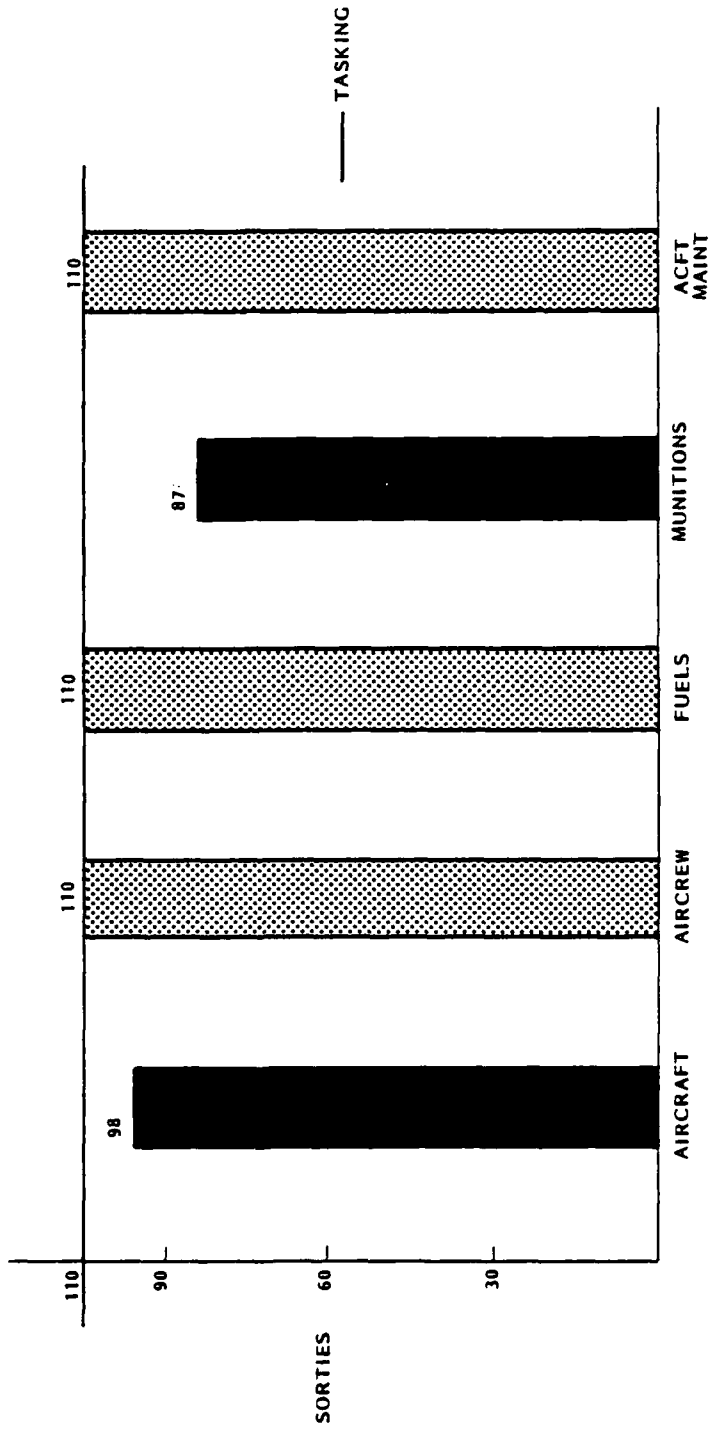
RECOMMENDED CHANGES:

- a. Delete this pie chart version, add the PMCS/M/B and NMCS/M/B data to the bar chart version, and add the PMCS/M/B data to Aircraft Status.
- b. If the pie chart is desired, the graphics (i.e., bar or pie chart) should be a parameter selection. In other words, there should be only one product displaying the same information but with an option for a different form of graphic presentation.

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC

TASKING:
ATO NO. 3, 20 MAY 83

TASK CAPABILITY 52 TFW



20 MAY 83

0100Z

SCREEN ID NO.:

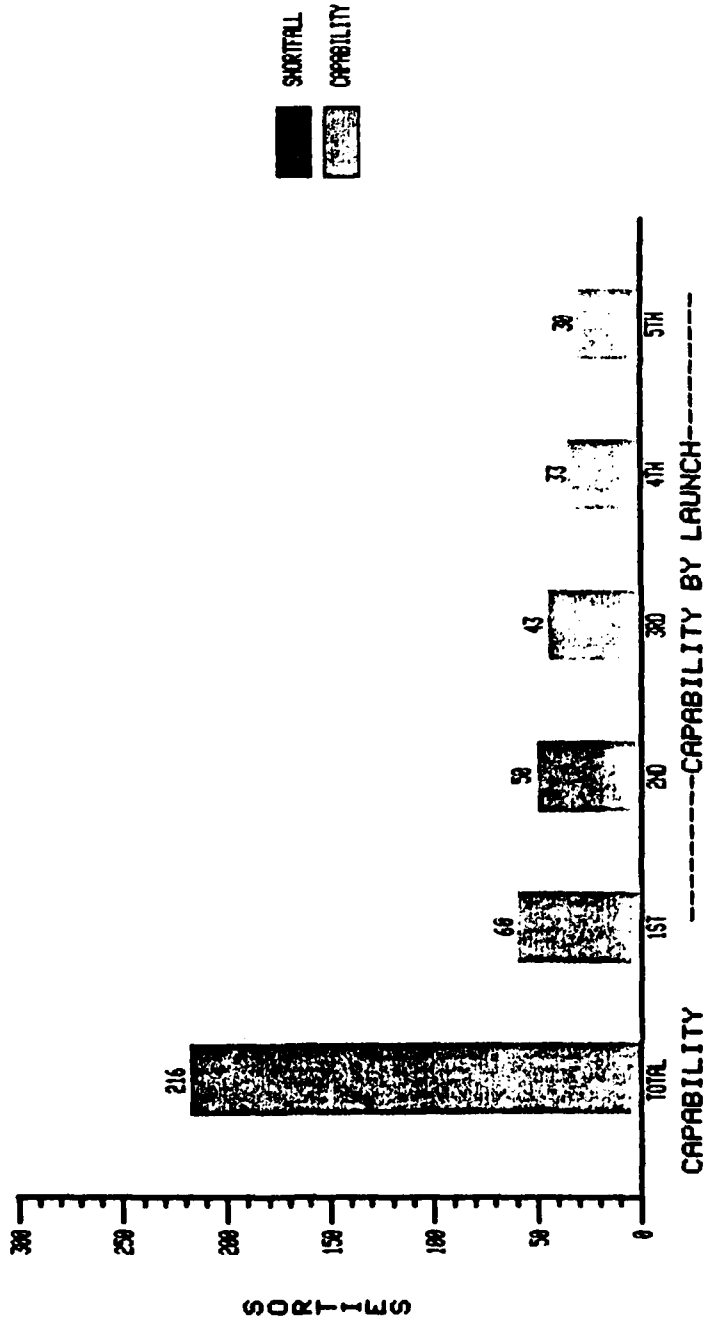
SCREEN NUMBER: WG.CAP. .G

The Task Capability screen is repeated for continuity. The screens immediately following this screen address the Aircrew resource area.

UNCLASSIFIED
 AIRCREW CAPABILITY
 52 TFW DAY 1

SCREEN CURRENCY:
 6 JUN 1985, 0932Z
 SCREEN DATA CURRENCY:
 0102Z
 OLD:
 NEW: 06 JUN 1985, 0932Z

TASKING:
 SETTN DOC



UNCLASSIFIED

1332

DISPLAY
 PARAM
 SELECT

TOP
 MENU

PREVIOUS
 MENU

UPDATE
 SCREEN

SCREEN TITLE: AIRCREW CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the capability of the Wing's aircrews to accomplish a specific task.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Tactical Fighter Squadron

SCENARIO:

The Frag Shop entered the ATO mission data while the fighter squadrons updated the aircrew data. The Wing's capability to do the task has been determined. The users are investigating the aircrew capability to fly the task.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. Aircrews are not limited to a maximum number of sorties per day but are limited by the input crew duty day (see Wing Fly Day product).
- b. The capability computed is limited to the time frame of the ATO (1st takeoff to last landing) and to the number of sorties tasked, not to what the aircrews could fly in a 24-hour day.

DATA SOURCE:

The Frag Shop inputs the ATO mission data and the fighter squadrons input the aircrew status data. If an interface is developed with AFORMS, then AFORMS could provide the aircrew data. AFIRMS will compute the aircrew capability data.

RELATED SCREENS:

Task Capability
Aircrew Status
Aircrew Availability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name	DRD #
Order Identifier	54A
Order Date	54E
Order Change Number	54G
Order Classification	54K
Tasked Unit Name	56A
Task Day	56L
Resource Type	59N
Task Day Wave	74G
Wave Total Sorties	74J
Daily Resource Capability	73D

PARAMETER SELECTION SCREEN:

AIRCREW CAPABILITY PARAMETER SCREEN							
ENVIRONMENT: PEACE			EXERCISE		CRISIS		PAGE 1 of 1
<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; width: 80%; height: 80%; display: flex; align-items: center; justify-content: center;"> <p>Write in a value.</p> </div> </div>							
52TFW DOC							
1. ORDER IDENTIFIER							
2. TASK DAY							
#							
↑							

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	DISPLAY PRODUCT		RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP		↑
←	PAGE REVERSE	FULL PG	PAGE FORWARD			DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15	16
	HALF PG		SELECT PARAM VALUE				

2ND ARRAY OF PARAMETER SCREEN KEYS

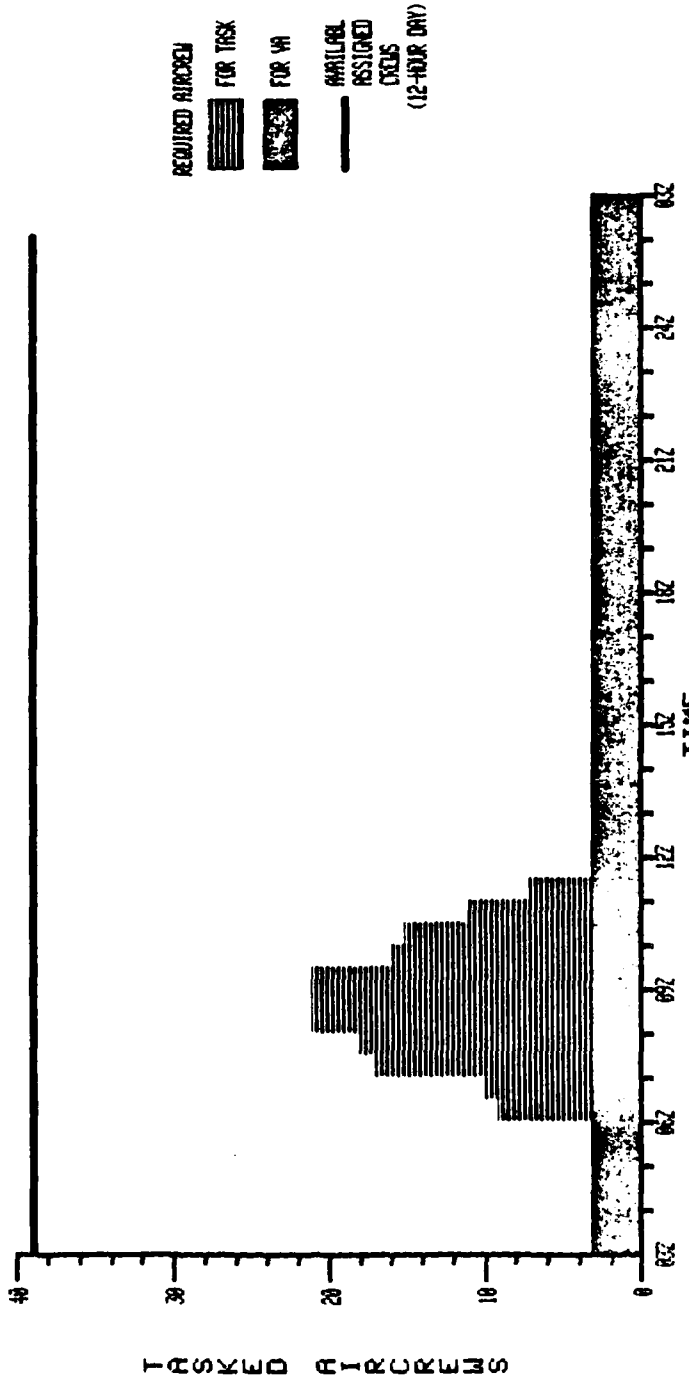
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

UNCLASSIFIED
 AIRCREW GENERATION

32750 32750

SCREEN CURRENT:
 10 OCT 1984, 1627Z
 SCREEN DATA CURRENT:
 FILE: 10 JUN 1984, 1106Z



32750

UNCLASSIFIED

10 OCT 84

DISPLAY
 PRINT
 SELECT
 HARD COPY
 TOP MENU
 PREVIOUS MENU
 FRONT SCREEN

SCREEN TITLE: AIRCREW GENERATION

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the aircrew tasking and generation capability over the flying day for the MDS(s) selected.

USER:

PRIMARY: Frag Shop and Mission Director

SUPPORTING:

Senior Battle Staff
Tactical Fighter Squadron

SCENARIO:

The Frag Shop entered the tasking into the system while the fighter squadrons updated the aircrew data. The Frag Shop has run the Mission Flow of unit accepted missions (reference Tasking Information product) or has built a flying schedule (reference Flying Schedule). The Frag Shop wants to see the tasked aircrew flow against available aircrews.

ASSUMPTIONS:

- a. An available aircrew is counted as available (top line on screen) regardless of the mission qualifications.
- b. Aircrew numbers available by shift may be input via Wing Flying Day product.
- c. If no input is available from Wing Flying Day, a default aircrew input of a 12-hour crew day, and a 50-50 shift allocation (if the tasked flying day is longer than 12 hours).

DATA SOURCE:

The Frag Shop will enter the task or schedule data into the AFIRMS. The fighter squadrons will enter the aircrew status data.

RELATED SCREENS:

Aircrew Availability
Aircrew Capability
Aircrew Status
Mission Flow (with scheduled missions)

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis
A stacked bar chart without space between the bars.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES:

- a. Change "VA" (Victor Alert) to "Alert" and make the number of Alert crews a parameter input.
- b. Currently, this product uses only a flying schedule as a task input. It should also use Mission Flow as a task input or use the Mission Flow algorithm to produce the input.
- c. When recommendation b. above is implemented, parameter #1 and #2 should be changed accordingly.
- d. Add a tasking box. The name of the task or order displayed in the box will reflect the source data, e.g., ATO 1, Flying Schedule, etc.

DATA ELEMENTS:

Element Name	DRD #	Element Name	DRD #
Task Type	9A	Sortie Aircrew Completion Time	50Q
Task Type Execution Time	9C	Sortie MDS	50S
Unit Name	12B	Order Identifier	54A
Resource Possessed Total	13M	Order Date	54E
Airman Availability Status	12C	Order Change Number	54G
Airman Crew Position	12I	Order Classification	54K
Sortie Sequence Number	50A	Quantity of Type In Status	88C
Sortie Assigned Take-Off Time	50D	Resource Type of Units Supply	88D
Sortie Expected Land Time	50E	In Status	
Sortie Aircrew Show Time	50P		

PARAMETER SELECTION SCREEN:

AIRCREW GENERATION PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<p><input checked="" type="checkbox"/> 1. FLYING SCHEDULE DATE</p> <p>2. FLYING SCHEDULE VERSION 1</p> <p>3. UNIT(S) 52TFW</p> <p>4. AIRCRAFT MDS ALL MDS</p> <p>5. CREW ARRIVAL PRIOR TO TAKEOFF TIME 1 HOUR</p> <p>6. CREW DEBRIEF TIME BEFORE NEXT BRIEFING 1/2 HOUR</p> <p style="text-align: center;">02-JUL-84</p> <div style="border: 1px solid black; width: 200px; height: 80px; margin: 10px auto; text-align: center; vertical-align: middle;">Write in a value.</div>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
↑			↑

KEY #	1	2	3	4	5	6	7	8
1ST ARRAY OF PARAMETER SCREEN KEYS								
←	PAGE REVERSE	FULL PG	PAGE FORWARD	HALF PG	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE	ENTER PARAM VALUE
KEY #	9	10	11	12	13	14	15	16
2ND ARRAY OF PARAMETER SCREEN KEYS								

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

SCREEN CURRENCY:
2 OCT 1984, 1114Z
SCREEN DATA CURRENCY:
DLO: DTGZ
REV: 10 JAN 1984, 1109Z

UNCLASSIFIED AIRCREW AVAILABILITY

52 TFM

STATUS AS OF:
2 OCT 1984, 1109Z

UNIT	MDS	GBU	STRIKE	WILD MERSEL	MR AIRCREWS AVAIL	MR AIRCREWS ASGND	ALL AIRCREWS AVAIL	ALL AIRCREWS ASGND
23TFS	F-4E	21	21	-	21	21	21	21
	F-4G	9	9	9	9	9	9	9
81TFS	F-4E	14	14	14	14	14	14	14
	F-4G	6	6	6	6	6	6	6
488TFS	F-4E	22	22	22	22	22	22	22
	F-4G	7	7	7	7	7	7	7
521TFS	F-4E	15	15	15	15	15	15	15
	F-4G	16	16	16	16	16	16	16

PAGE 1 OF 1

02 OCT 84

UNCLASSIFIED

151Z

DISPLAY
PAGE
SELECT

HARD
COPY

TOP
MENU

PREVIOUS
MENU

UPDATE
SCREEN

SCREEN TITLE: AIRCREW AVAILABILITY

SCREEN NUMBER: WG.STAT. .G

SCREEN PURPOSE:

Display summarized aircrew availability data for the Wing. All aircrew qualifications are displayed.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Tactical Fighter Squadron

SCENARIO:

The Frag Shop entered the ATO mission data while the fighter squadrons updated the aircrew resource data. Resource capability has been determined for mission ready (MR) aircrews. A shortfall may have been detected and the user wants to see summarized aircrew availability data.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS:

- a. Only assigned squadron aircrew members are used.
- b. One Aircraft Commander (AC) and one Weapon Systems Operator (WSO) or one Electronic Warfare Officer (EWO) equal one aircrew. Any extra crew members are not included in the squadron totals.
- c. Extra squadron aircrew members are paired and included in the wing total.
- d. If two aircrew members with no matching mission/weapon qualifications are paired, then the qualifications are not counted.

DATA SOURCE:

The flying squadrons will enter the data into the AFIRMS. If an interface with AFORMS is developed, the data could be obtained from AFORMS.

RELATED SCREENS:

Task Capability
Aircrew Capability
Aircrew Generation
Aircrew Status

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Row/record coloring

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

<u>Element Name</u>	<u>DRD #</u>
Airman Unit Name	12B
Airman Availability Status	12C
Airman Crew Position	12I
Airman Attached Unit Name	12K
Resource Assigned Amount	13G
Resource Possessed Total	13M
Aircrews MR	13P

<u>Element Name</u>	<u>DRD #</u>
Airman Last Name - Possession of Skill	6IA
Skill Identifier - Resource	6ID
Quantity of Type in Status	88C
Resource Type of Unit's Supply in Status	88D

PARAMETER SELECTION SCREEN:

AIRCREW AVAILABILITY PARAMETERS																			
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 of 1										
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1. UNIT(S) 52TFW</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <p>Choose a minimum of 1 value and a maximum of 1.</p> <p>52TFW 23TFS 81TFS 480TFS</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">DISPLAY PRODUCT</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;">RETURN TO TOP MENU</td> <td style="width: 15%;">RETURN PREVIOUS MENU</td> <td style="width: 15%;">HELP</td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: right;">→</td> </tr> </table>										DISPLAY PRODUCT					RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP		→
DISPLAY PRODUCT					RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP		→										

KEY # 1 2 3 4 5 6 7 8
1ST ARRAY OF PARAMETER SCREEN KEYS

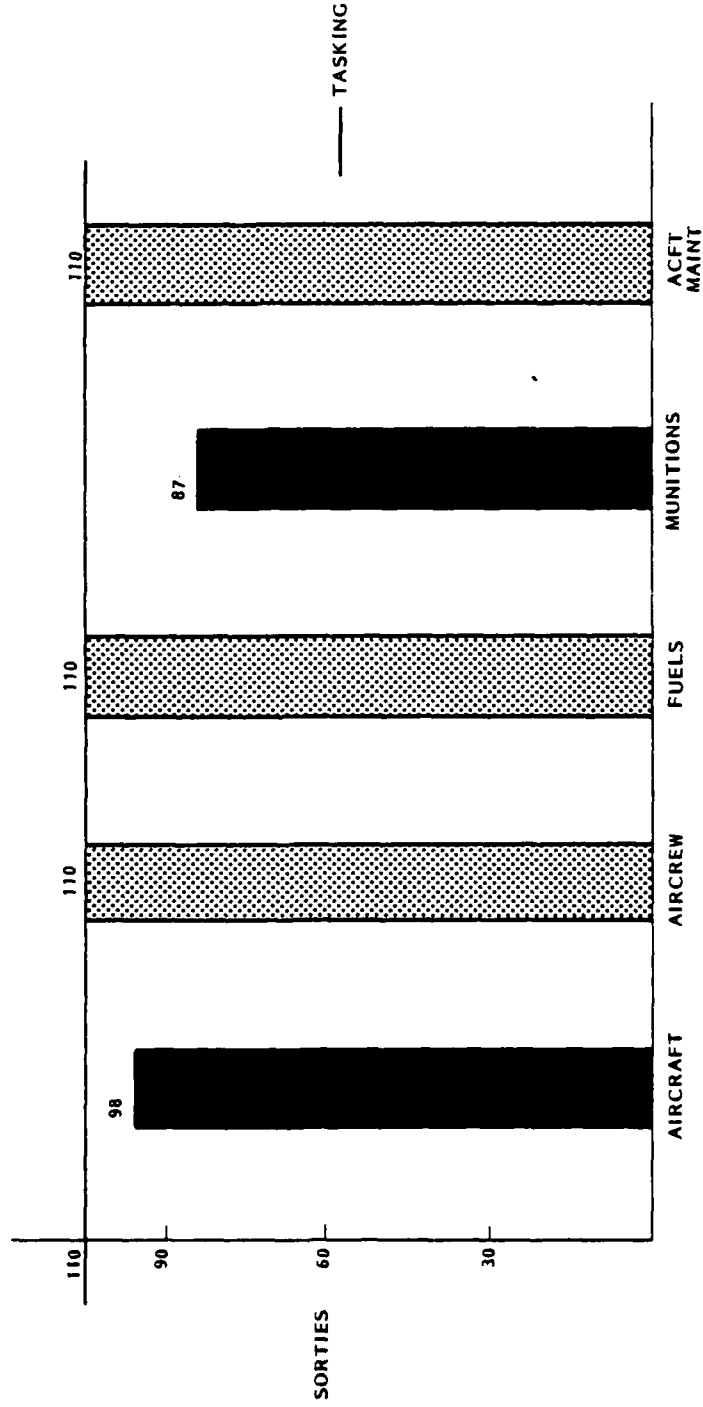
←	PAGE REVERSE	FULL PG	PAGE FORWARD		SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
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KEY # 9 10 11 12 13 14 15 16
2ND ARRAY OF PARAMETER SCREEN KEYS

CLASSIFICATION TASK CAPABILITY 52 TFW

SCREEN CURRENCY
DTC
SCREEN DATA CURRENCY:
DTC
DTC

TASKING:
ATO NO. 3, 20 MAY 83



20 MAY 83

CLASSIFICATION

0100Z

SCREEN ID NO.:

10/11-48

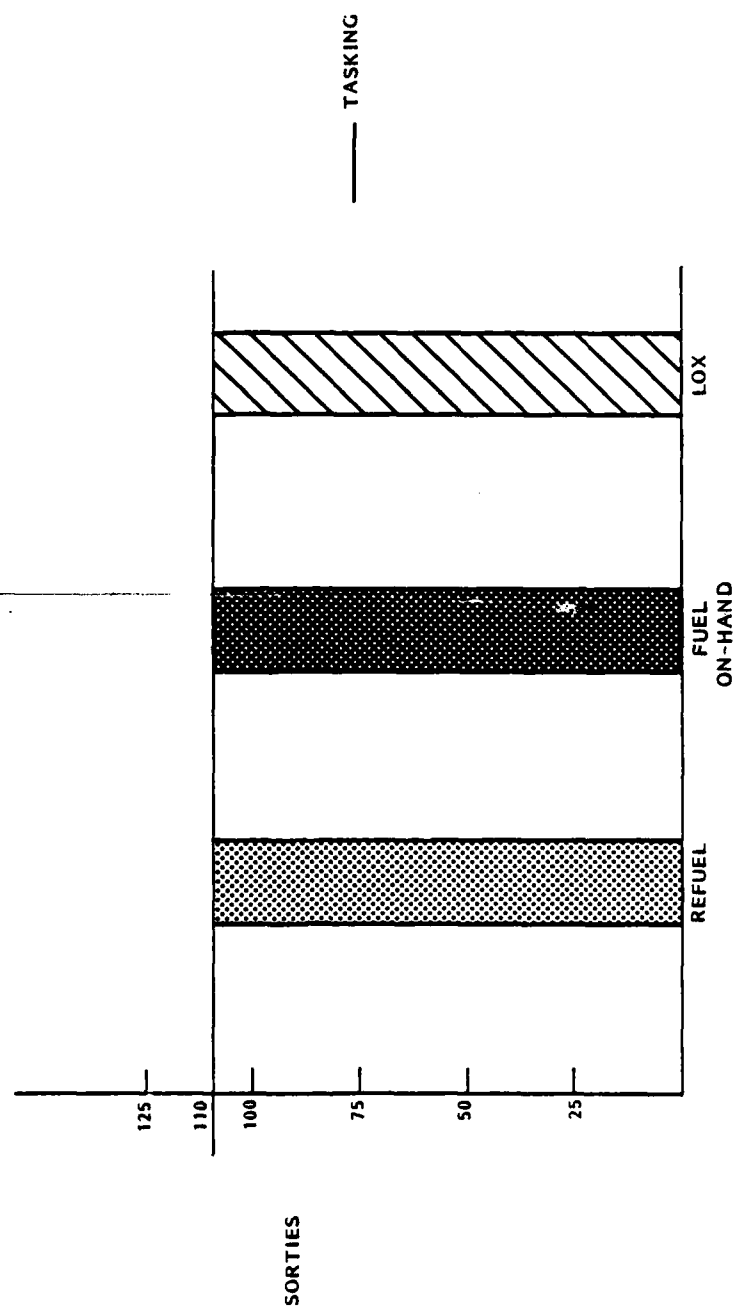
SCREEN NUMBER: WG.CAP. .G

The Task Capability screen is repeated for continuity. The screens immediately following this screen address the Fuels resource area.

CLASSIFICATION FUELS CAPABILITY 52 TFW

TASKING:
ATO NO. 3, 20 MAY 83

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC



SCREEN ID NO.:

6100Z

CLASSIFICATION

20 MAY 83

10/11-50

SCREEN TITLE: FUELS CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the capability of the Wing's fuel resources to perform the specified tasking.

USER:

PRIMARY: Frag Shop, Mission Director

SUPPORTING:

Senior Battle Staff
Maintenance Operations Center
Aircraft Maintenance Units
Fuels Control

SCENARIO:

The wing's task has been entered and the wing's capability to do the task has been determined. The users are interested in more information on the Fuels capability.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. Air refueling is not considered.
- b. All aircraft are assumed to land with minimum fuel requirement.

DATA SOURCE:

The ATO data is input by the Frag Shop. The Fuels Control inputs the fuels data, and AFIRMS computes the capability data.

RELATED SCREENS:

Task Capability
Fuels Status
Refuel Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES:

Add parameter for type of fuel, i.e., JP-4, JP-8.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

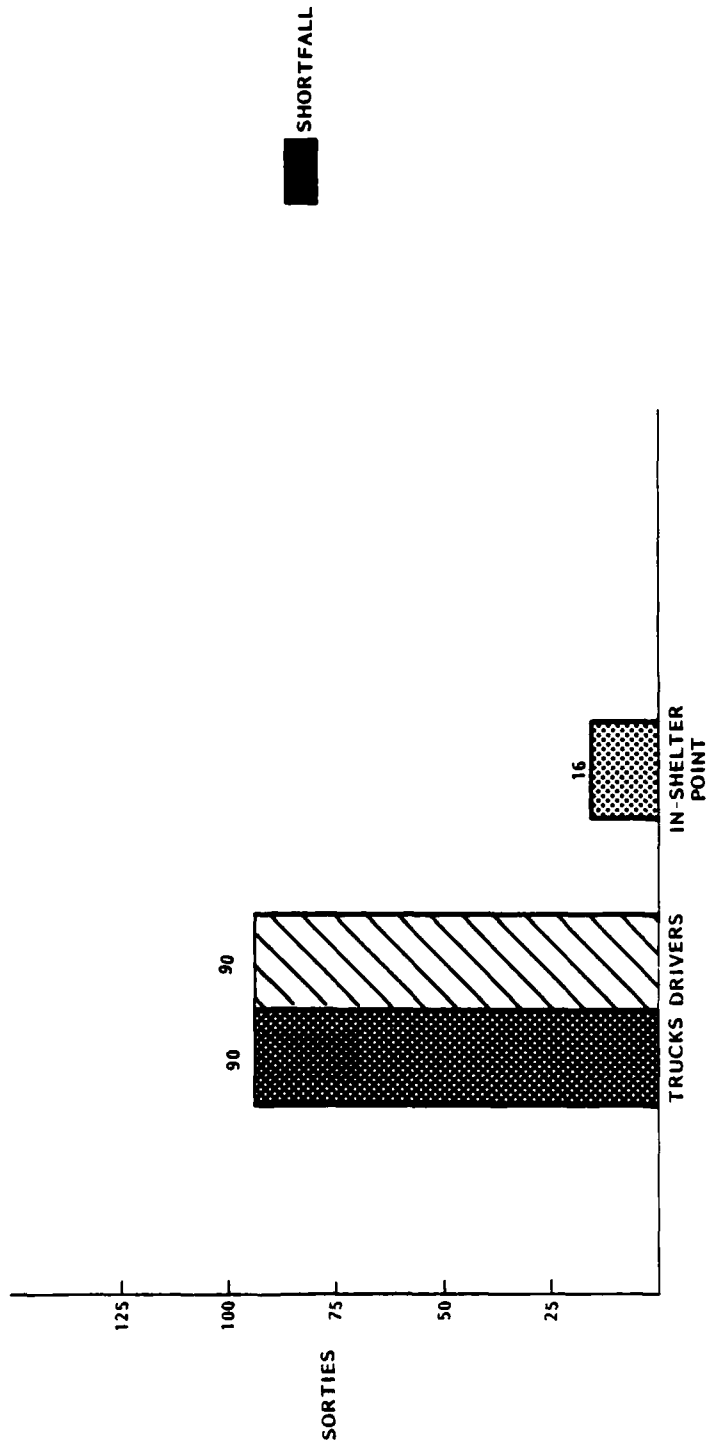
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

CLASSIFICATION REFUEL CAPABILITY 52 TFW

SCREEN CURRENCY.
DTC
SCREEN DATA CURRENCY
DTC
DTC

TASKING:
ATO NO. 3, 28 MAY 83



SCREEN ID NO.:

01002

CLASSIFICATION

28 MAY 83

10/11-52

SCREEN TITLE: REFUEL CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the refueling capability of the Wing to execute the specified tasking.

USER:

PRIMARY: Fuels Control

SUPPORTING:

Senior Battle Staff
Mission Director
Maintenance Operating Center
Frag Shop

SCENARIO:

The Frag Shop entered the tasking, and the wing's capability to do the task has been computed. The users are investigating the Fuels resource refueling ability to support the task.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. One fuel truck can refuel one F-4E or F-4G with three external tanks or two F-4E or F-4G with two wing tanks or one centerline tank.
- b. In-shelter refueling points are used once per launch. Additionally, to reduce aircraft exposure, the Hot Pits are used only if the refueling needs cannot be met with refueling trucks and in-shelter points.

DATA SOURCE:

The tasking data is input by the Frag Shop. Fuels Control inputs the fuels status. AFIRMS computes the capability data.

RELATED SCREENS:

Task Capability
Fuels Capability
Fuels Status
Refueling Truck Flow

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

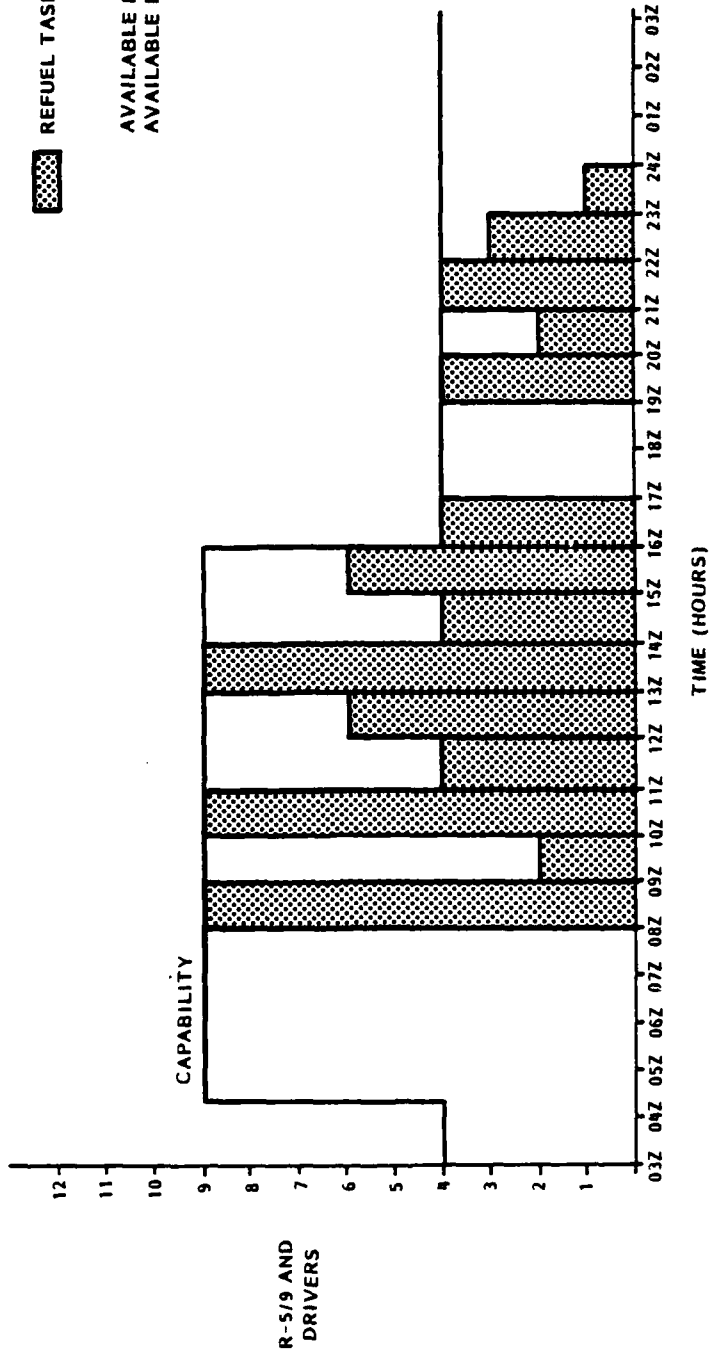
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

CLASSIFICATION REFUELING TRUCK FLOW 52 TFW

SCREEN CURRENCY
DTC
SCREEN DATA CURRENCY
DTC
DTC

TASKING:
ATO NO. 3, 20 MAY 83



PAGE: _____ OF _____

20 MAY 83

0100Z

SCREEN ID NO.:

CLASSIFICATION

SCREEN TITLE: REFUELING TRUCK FLOW

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the work flow for the R-5/9 refueling operations to the user.

USER:

PRIMARY: Fuels Control

SUPPORTING:

Senior Battle Staff
Mission Director
Frag Shop
Maintenance Operations Center

SCENARIO:

The Frag Shop entered the tasking into the system. Fuels Control updated the availability data for fuels and the wing's fuels capability has been computed. The users are investigating the refueling ability to support the task.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS:

One truck is withheld as a defueler and one is held in reserve. Normal refueling operation is to use 9 trucks (three per AMU, if possible).

DATA SOURCE:

The tasking data is input by the Frag Shop. The fuels data is input by Fuels Control. AFIRMS computes the capability data.

RELATED SCREENS:

Task Capability
Fuels Capability
Fuels Status
Refuel Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

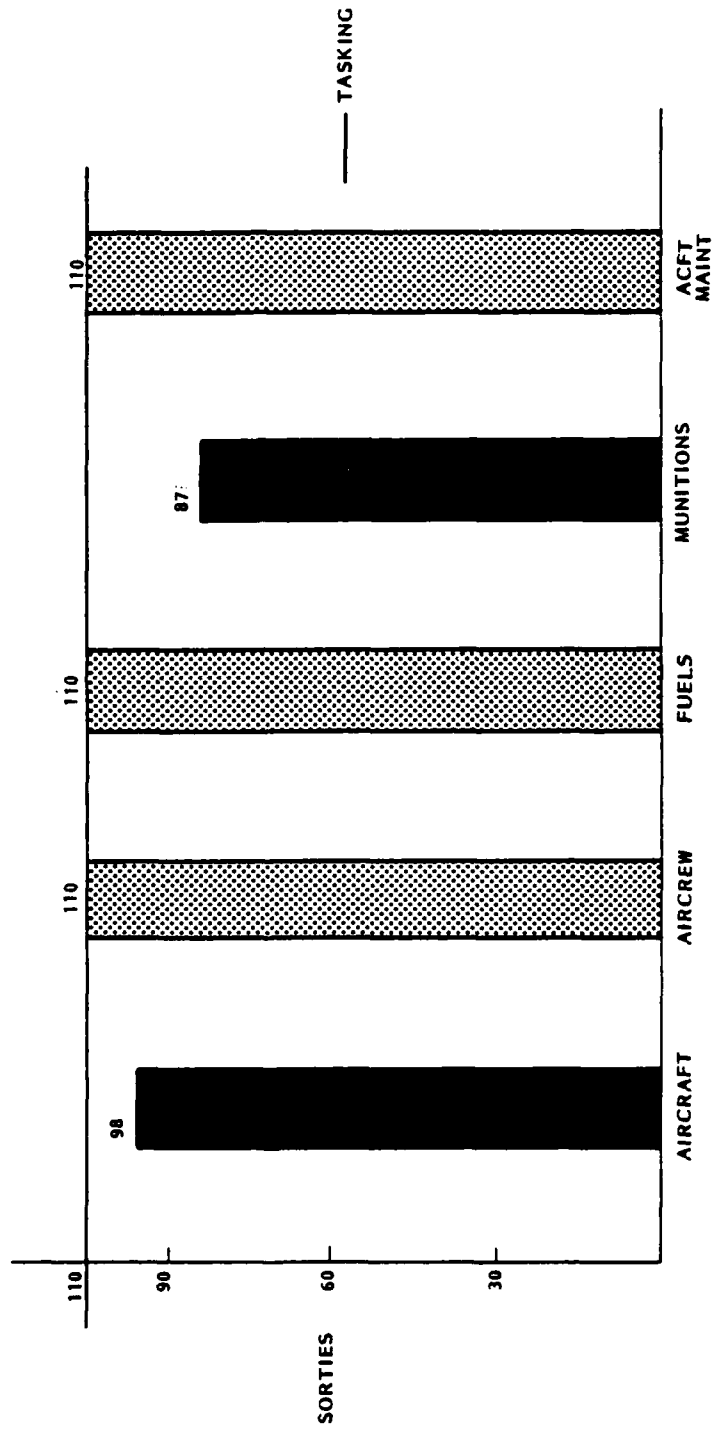
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS Implementation.

TASKING:
ATO NO. 1, 20 MAY 83

SCREEN CURRENCY:
DTG
SCREEN DATA CURRENCY:
DTG
DTG
DTG

TASK CAPABILITY 52 TFW



SCREEN ID NO.:

01002

20 MAY 83

10/11-56

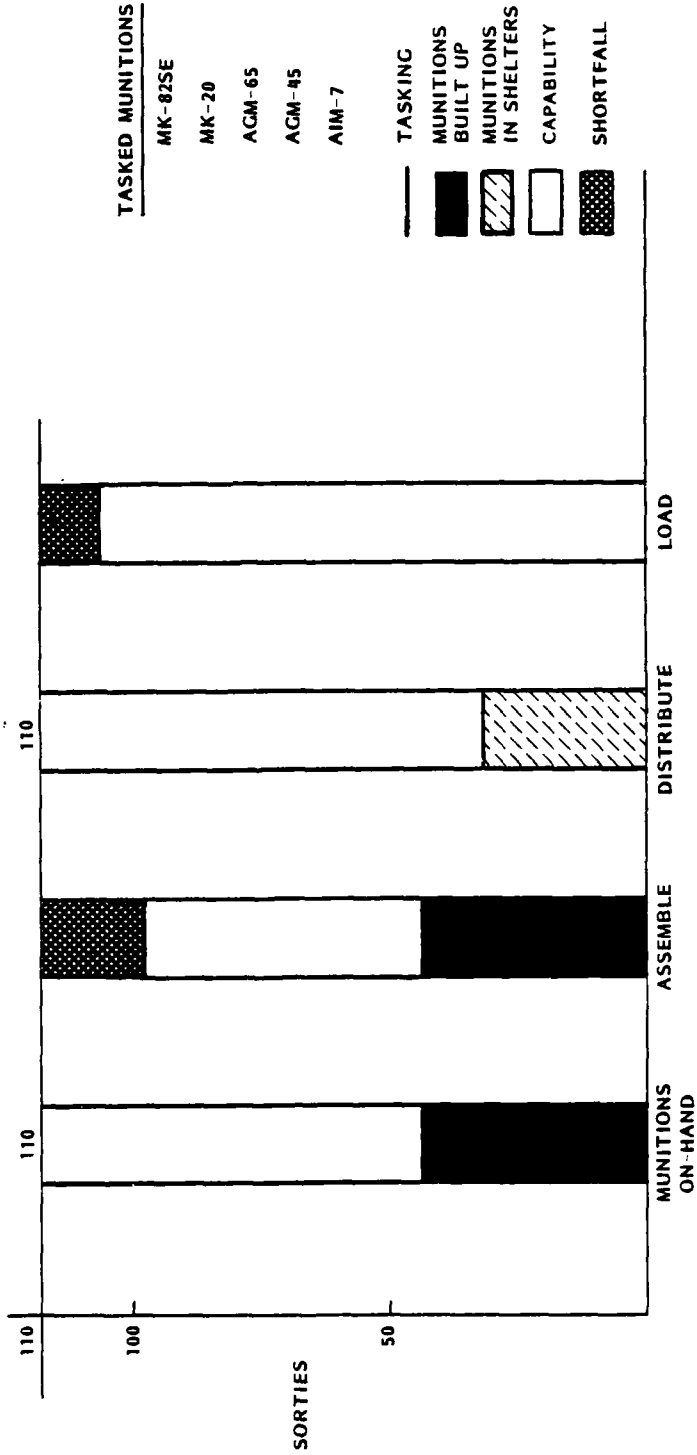
SCREEN NUMBER: WG.CAP. .G

The Task Capability screen is repeated for continuity. The screens immediately following this screen address the Munitions resource area.

CLASSIFICATION MUNITIONS CAPABILITY 52 TFW

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC

TASKING:
ATO NO. 3, 20 MAY 83



SCREEN ID NO.:

0190Z

CLASSIFICATION

20 MAY 83

10/11-58

SCREEN TITLE: MUNITIONS CAPABILITY (ATO Version)

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the Munitions capability of the Wing to execute the daily ATO tasking.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Munitions Control
Maintenance Operations Center

SCENARIO:

The Frag Shop entered the mission tasking into the system, and the Wing's capability to do the task has been determined. The users are interested in the munitions capability to support the task.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. No substitution of munitions.
- b. Munition quantities are whole-up rounds.

DATA SOURCE:

The Frag Shop inputs the ATO mission data. Munitions Control inputs the munition data. AFIRMS computes the capability data.

RELATED SCREENS:

Task Capability
Munitions Load Capability
Munitions Distribution Capability
Munitions Assembly Capability
Munitions Status

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

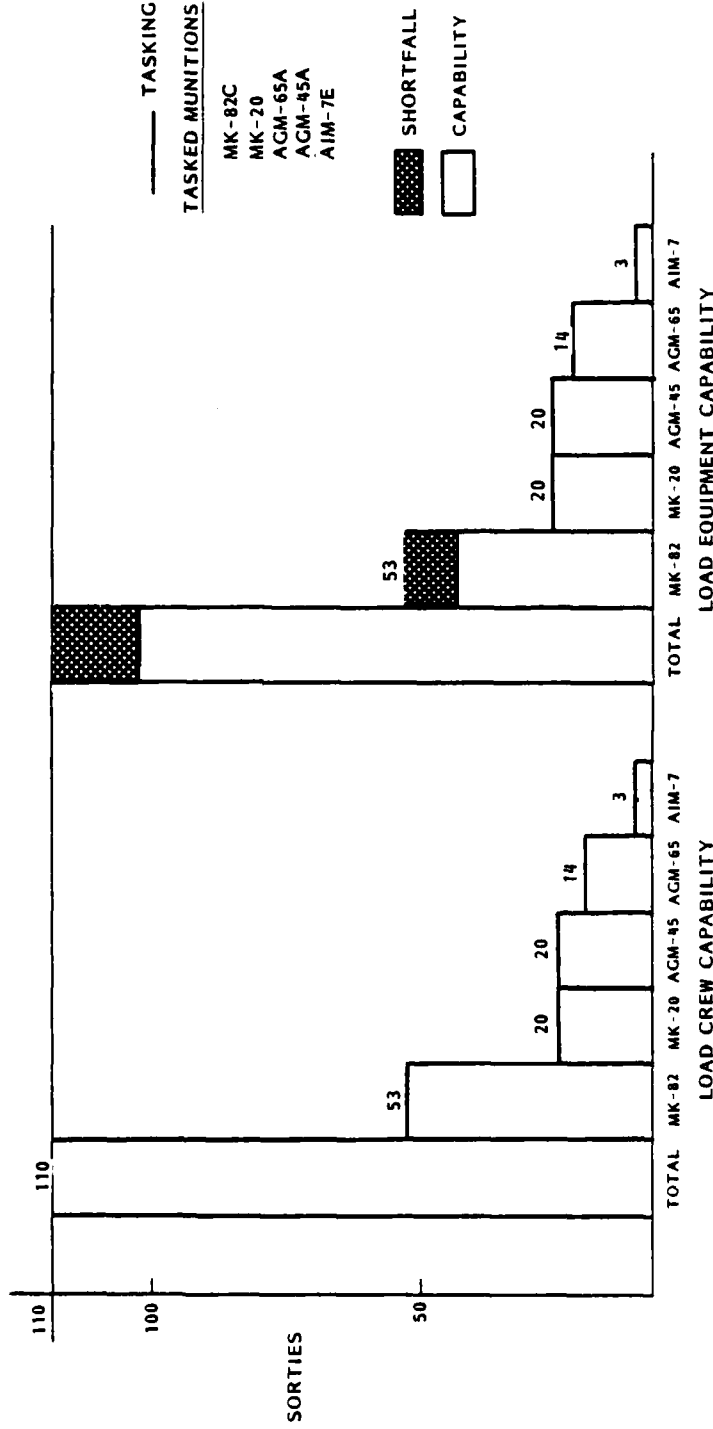
CLASSIFICATION

MUNITIONS LOAD CAPABILITY

52 TFW

SCREEN CURRENCY
DTG
SCREEN DATA CURRENCY:
DTG
DTG

TASKING:
ATO NO. 3, 20 MAY 83



TASKING
TASKED MUNITIONS
MK-82C
MK-20
AGM-65A
AGM-45A
AIM-7E

SHORTFALL
CAPABILITY

20 MAY 83

0100Z

SCREEN ID NO.:

CLASSIFICATION

10/11-60

SCREEN TITLE: MUNITIONS LOAD CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the munitions load capability of the Wing to execute a specified task. The munitions loading capability for each munition type is presented on the horizontal axis.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Maintenance Operations Center

SCENARIO:

The Wing's munitions capability to do the task has been determined, and the users want to investigate the wing's loading capability.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. Munitions are not substituted.
- b. Munition quantities are whole-up records.

DATA SOURCE:

The same information used to compute Munitions capability also provides the load capability.

RELATED SCREENS:

Task Capability
Munitions Capability
Munitions Distribution Capability
Munitions Assembly Capability
Munitions Load Crew Status

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREENS:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

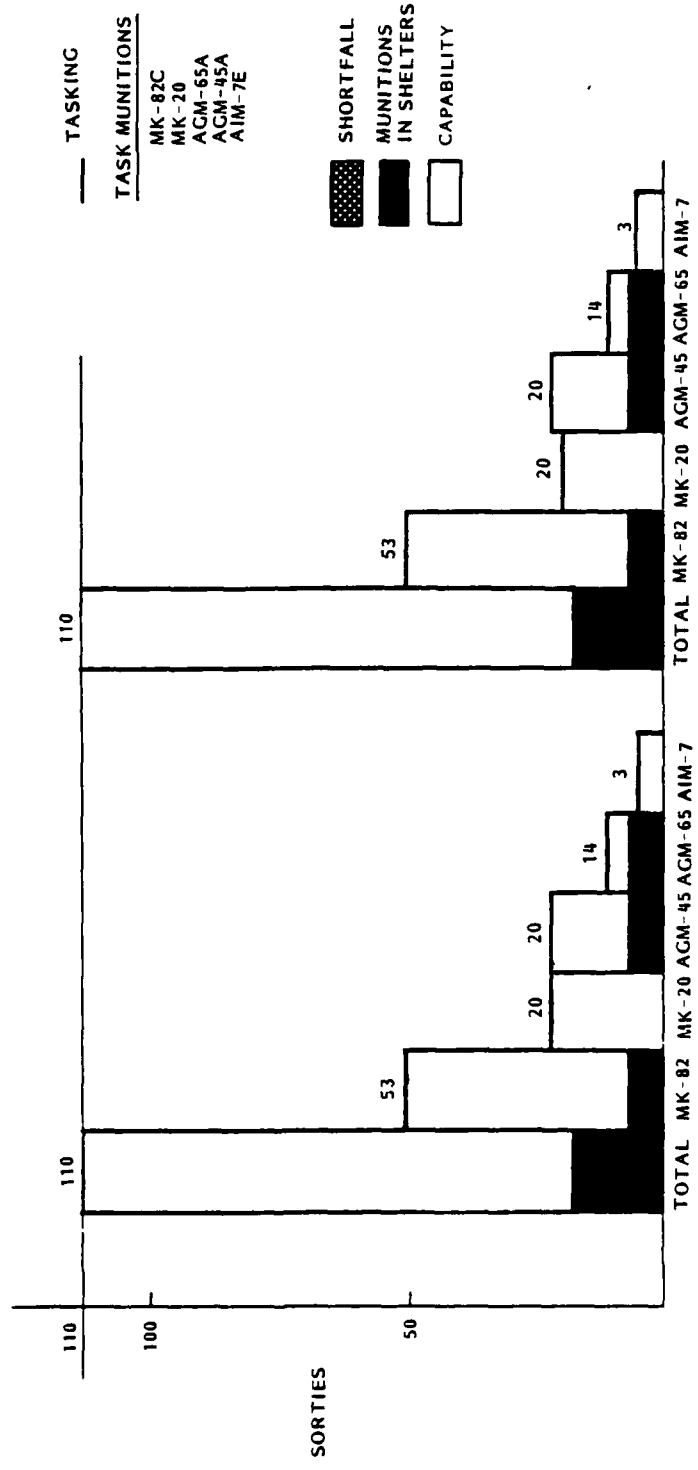
CLASSIFICATION

MUNITIONS DISTRIBUTION CAPABILITY

52 TFW

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC
DTC

TASKING:
ATO NO. 3, 20 MAY 83



TASKING
TASK MUNITIONS
MK-82C
MK-20
AGM-65A
AGM-45A
AIM-7E

SHORTFALL
MUNITIONS IN SHELTERS
CAPABILITY

PERSONNEL
20 MAY 83

EQUIPMENT
0100Z

SCREEN ID NO.:

10/11-62

SCREEN TITLE: MUNITIONS DISTRIBUTION CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the munitions distribution capability of the Wing to execute a task. The munitions distribution capability for each munition type is presented along the horizontal axis.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Munitions Control
Maintenance Operations Center

SCENARIO:

The Frag Shop entered the ATO mission data, and the Wing's munitions capability to do the task has been determined. The users are investigating the distribution capability of the Munitions Branch.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. Munitions are not substituted.
- b. Munition quantities are in whole-up rounds.

DATA SOURCE:

The same information used to compute Munitions capability also provides the Distribution capability.

RELATED SCREENS:

Task Capability
Munitions Capability
Munitions Load Capability
Munitions Assembly Capability
Munitions A and D Availability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

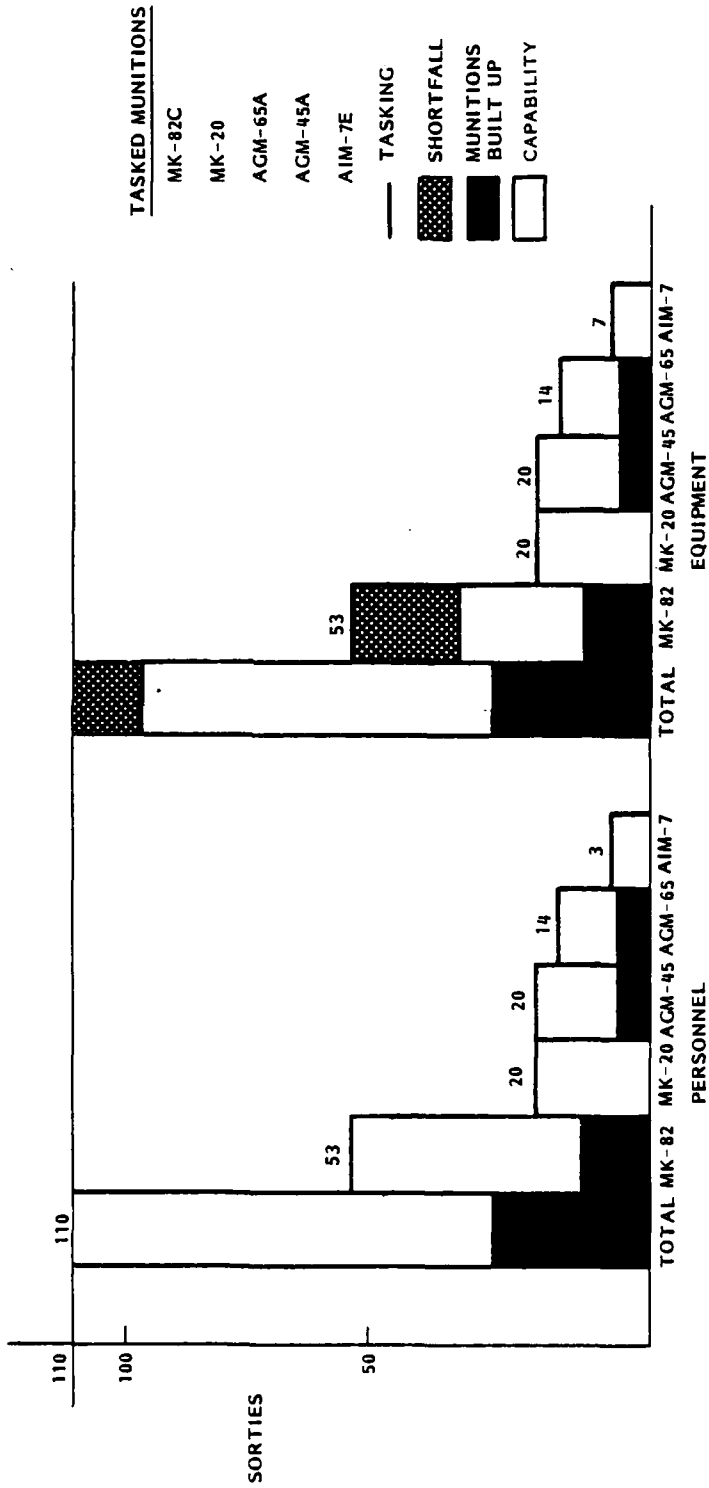
CLASSIFICATION

MUNITIONS ASSEMBLY CAPABILITY

52 TFW

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC

TASKING:
ATD NO. 3, 20 MAY 83



20 MAY 83

61002

SCREEN ID NO.:

CLASSIFICATION

10/11-64

SCREEN TITLE: MUNITIONS ASSEMBLY CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the munitions assembly capability of the Wing to execute the task. The munitions assembly capability per munitions type is displayed on the horizontal axis.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Control
Munitions Control
Maintenance Operations Center

SCENARIO:

The Frag Shop entered the ATO mission data, and the Wing's munitions capability to do the task has been determined. The users are investigating the assembly capability of the Munitions Branch.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

- a. Munitions are not substituted.
- b. Munition quantities are in whole-up rounds.

DATA SOURCE:

The same information used to compute Munitions capability also provides the Assembly capability.

RELATED SCREENS:

Task Capability
Munitions Capability
Munitions Load Capability
Munitions Distribution Capability
Munitions A and D Availability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.


CLASSIFICATION

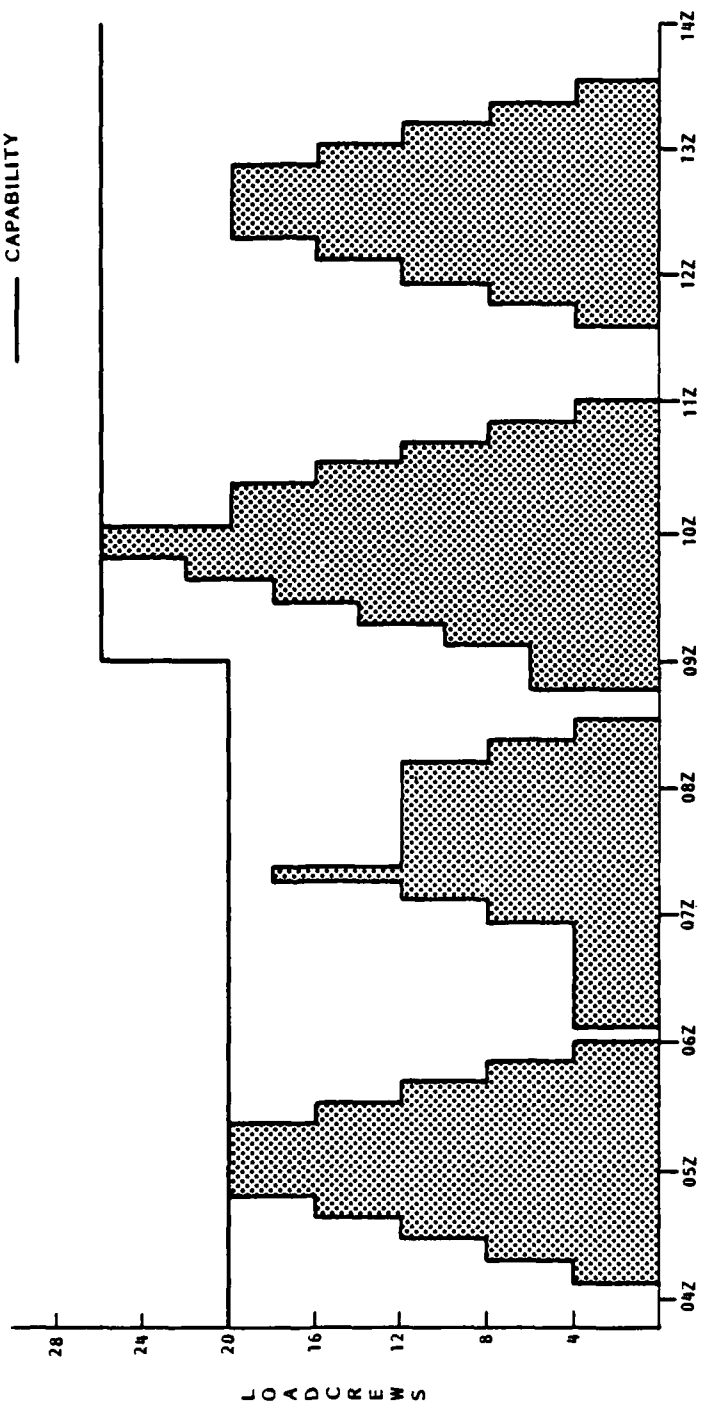
MUNITIONS LOAD CREW FLOW

52 TFW

SCREEN CURRENCY
DTG
SCREEN DATA CURRENCY
DTG
DTG
DTG

TASKING:
ATO NO. 3, 26 MAY 83

 MUNITIONS LOAD TASKING
 CAPABILITY



26 MAY 83

0100Z

SCREEN ID NO. . .

CLASSIFICATION

10/11-66

SCREEN TITLE: MUNITIONS LOAD CREW FLOW

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the work flow of the Wing's munition load crews.

USER:

PRIMARY: AMUS

SUPPORTING:

Senior Battle Staff
Mission Director
Munitions Control
Maintenance Operations Center

SCENARIO:

The Frag Shop entered the ATO mission data. The AMUs have updated the load crew status, and the Wing's capability to do the task has been determined. The users are investigating the required load crew work schedule to accomplish the task.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS:

- a. Load time is one hour for the tasked munitions and 15 minutes for travel to the next aircraft to be loaded.
- b. Loading should be complete by one hour and 45 minutes prior to takeoff time (this does not consider "quick turns," which can be included).
- c. There were enough bomb lifts to support the munitions loading.

DATA SOURCE:

The same data used to compute Munitions capability provides the data for this spread sheet.

RELATED SCREENS:

Task Capability
Munitions Load Capability
Munitions Load Crew Status

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

CLASSIFICATION
MUNITIONS A and D AVAILABILITY
52 TFW

SCREEN CURRENCY
 DTC
 SCREEN DATA CURRENCY
 DTC
 DTC

STATUS AS OF:
 20 MAY 83, 0600Z

MUNITIONS AREA	EQUIPMENT NOMENCLATURE	AUTH	ASSIGN	AWM	AWP	TDY/DEPLOYED	AVAIL	WARTIME MIN
ASSEMBLY	4K FORKLIFT	6	6	1	2	0	3	4
	6K FORKLIFT	7	7	2	0	0	5	10
	10K FORKLIFT	4	4	1	1	0	2	4
	MHU-83 FORK ASSEMBLY	5	5	1	1	1	2	8
DISTRIBUTION	M-48 ROUGH TERRAIN CRANE	1	1	0	0	0	1	1
	MHU-12/141 TRAILER	80	80	6	3	1	70	44
	MHU-85/110 TRAILER	100	100	10	5	0	85	50
	25/40 FT FLATBED TRAILER	10	10	1	1	1	7	4
	MB-4 BOBTAIL	10	10	1	2	0	7	10
	5/10 TON TRACTOR	0	6	1	1	0	4	0
	6-PAX 4/4 PICKUP	6	4	1	2	0	1	0

20 MAY 83

CLASSIFICATION

0100Z

SCREEN ID NO.:

10/11-68

SCREEN TITLE: MUNITIONS A AND D AVAILABILITY

SCREEN NUMBER: WG.STAT. .T

SCREEN PURPOSE:

Present to the user the detailed munitions assembly and distribution (A and D) equipment information.

USER:

PRIMARY: Munitions Control

SUPPORTING:

Senior Battle Staff
Maintenance Operations Center
Aircraft Maintenance Units

SCENARIO:

The Frag Shop entered the tasking data into the system. Meanwhile, Munitions Control is updating the availability data for the munitions area.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS:

- a. The A and D equipment awaiting maintenance (AWM) and awaiting parts (AWP) are not capable of operating until the maintenance actions are completed.
- b. The user wants the product to indicate those equipment items whose Mission Ready availability is below the Wartime Minimum requirement.

DATA SOURCE:

Munitions Control will enter the data into the AFIRMS.

RELATED SCREENS:

Task Capability
Munitions Capability
Munitions Assembly Capability
Munitions Distribution Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and Scrolling
Full Screen Editor
Field Coloring

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

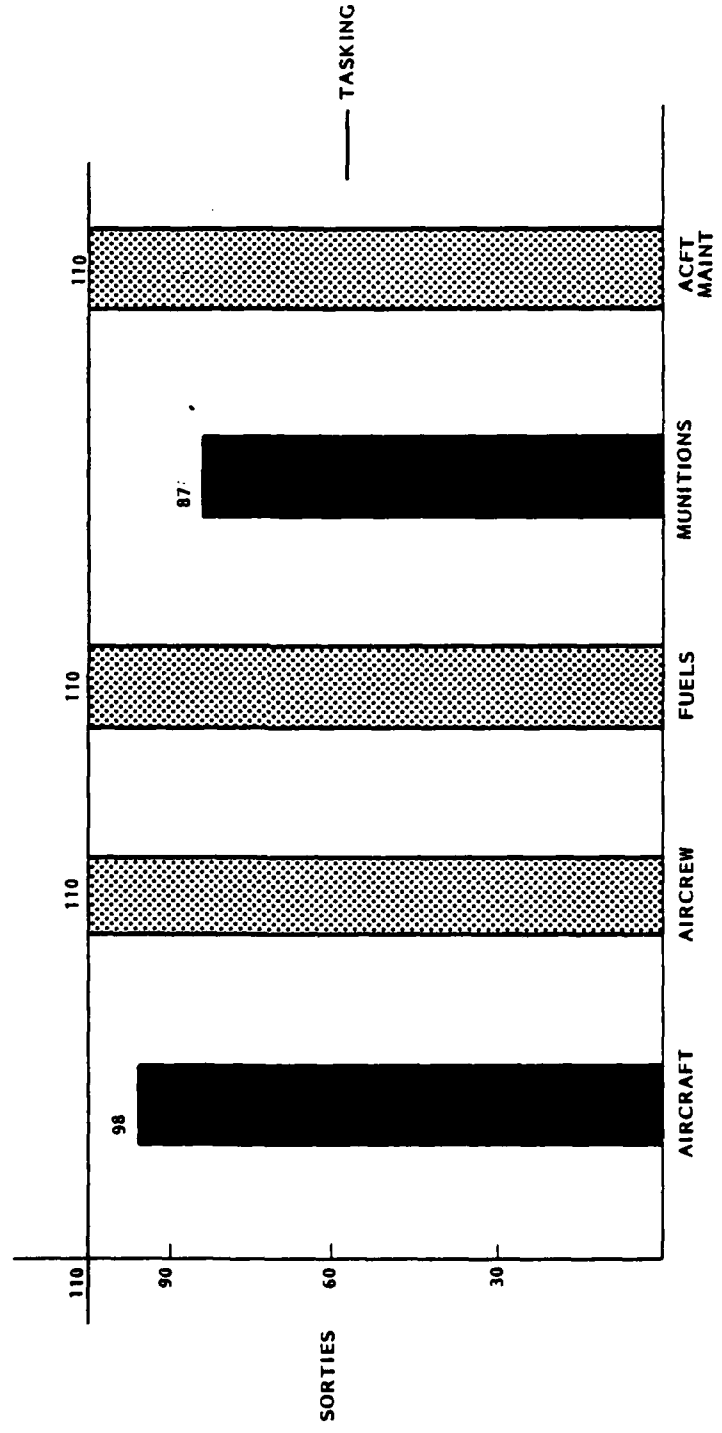
BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

TASKING:
ATO NO. 3, 28 MAY 83

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC

TASK CAPABILITY 52 TFW



SCREEN ID NO.:

9199Z

28 MAY 83

10/11-70

SCREEN NUMBER: WG-CAP. .G

The Task Capability screen is repeated for continuity. The screens immediately following this screen address the Maintenance support resource area.

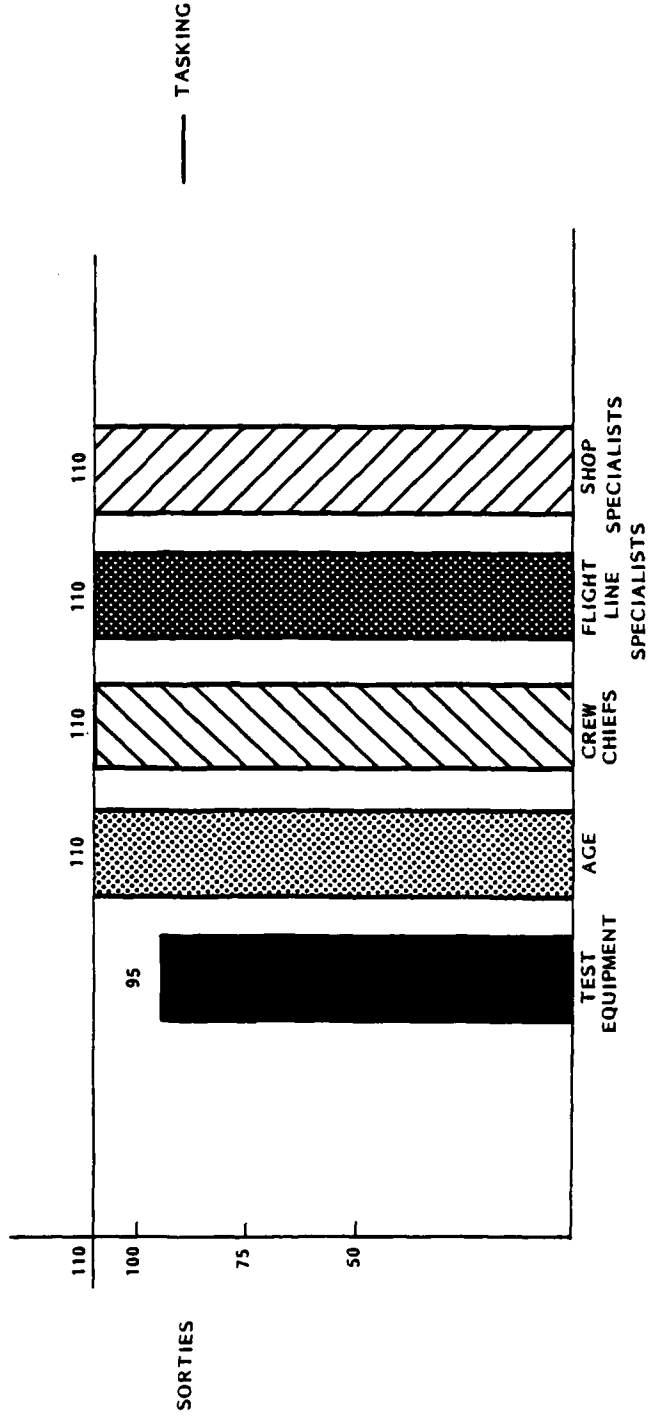
RECOMMENDED CHANGES:

The Aircraft Maintenance Support resource (represented by the far right bar) should be a sub-area of the Aircraft resource.

CLASSIFICATION MAINTENANCE SUPPORT CAPABILITY 52 TFW

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC
DTC

TASKING:
ATO NO. 3, 20 MAY 83



20 MAY 83

01002

SCREEN ID NO.:

CLASSIFICATION

10/11-72

SCREEN TITLE: MAINTENANCE SUPPORT CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the maintenance support capability of the Wing to execute a task. The key maintenance support factors will be displayed on the horizontal axis.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Tactical Fighter Squadron
Maintenance Operations Center

SCENARIO:

The Frag Shop entered the ATO mission data while the Wing's Maintenance and Operations squadrons updated the resource data for the aircraft, aircrews, fuels, munitions, and maintenance support areas. The users are investigating the Maintenance Support capability to support the task.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

The Frag Shop inputs the ATO mission data. The Maintenance Operations Center (MOC) and the AMUs input the maintenance data. AFIRMS computes the capability data.

RELATED SCREENS:

Task Capability
AGE Support Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES:

This should be a part of the aircraft resource area.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

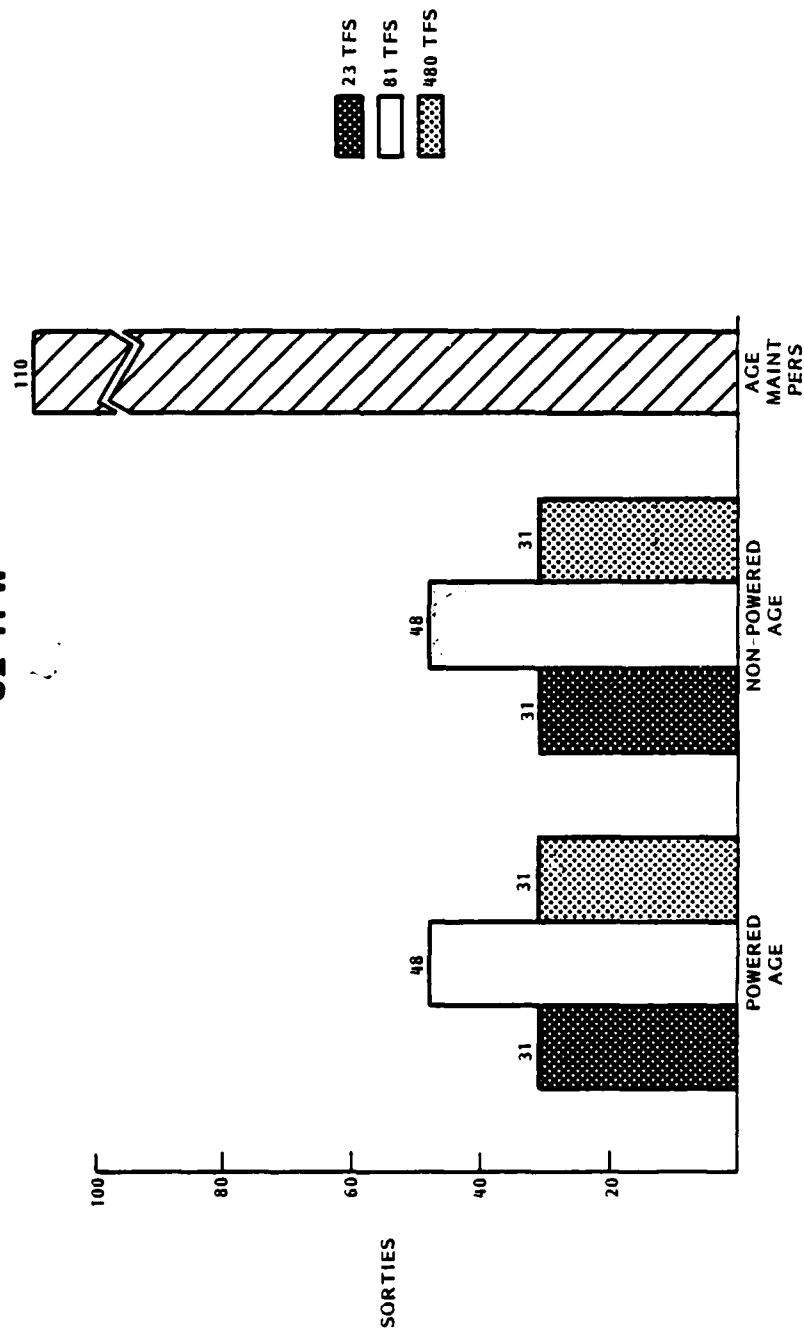
CLASSIFICATION

AGE SUPPORT CAPABILITY

52 TFW

SCREEN CURRENCY:
 DTC
 SCREEN DATA CURRENCY:
 DTC
 DTC

TASKING:
 ATD NO. 3, 20 MAY 83



23 TFS
 81 TFS
 480 TFS

20 MAY 83

CLASSIFICATION

9100Z

SCREEN ID NO.:

10/11-74

SCREEN TITLE: AGE SUPPORT CAPABILITY

SCREEN NUMBER: WG.CAP. .G

SCREEN PURPOSE:

Display the Aerospace Ground Equipment (AGE) support capability of the Wing to execute a specified task. Key AGE support factors will be plotted.

USER:

PRIMARY: Maintenance Operations Center

SUPPORTING:

Senior Battle Staff
Mission Director
Frag Shop

SCENARIO:

The Wing's Maintenance Support capability to do the ATO task has been determined and the users want to investigate the ability of the AGE to support the task.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" queries may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS: None.

DATA SOURCE:

The same data used to compute Maintenance Support capability also provides the AGE Support capability.

RELATED SCREENS:

Task Capability
Maintenance Support Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Rescalable y-axis

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 3-7, 27, and 28.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC

CLASSIFICATION AGE AVAILABILITY STATUS 52 TFW

STATUS AS OF:
20 MAY 83, 0600Z

AGE TYPE	AGE NOMENCLATURE	AUTH	ASSIGNED	MIN REQD	OR	NMCS	NMCM	TDY	REMARKS
POWERED	AM 32A-60 GEN. SET	43	43	37	42	1	0	0	
	MD-3 GEN. SET	4	4	3	3	0	1	0	
	MC-1A AIR COMP	25	25	20	22	0	3	0	
	AF/M32 T-1 CABIN LEAKAGE TESTER	5	5	5	5	0	0	0	
	MJ-1 BOMBLIFT	30	30	25	28	1	1	0	
	AM27T-2 HYDRAULIC TEST STAND	1	1	1	1	0	0	0	
	MHU-83 BOMBLIFT	24	24	20	22	2	0	0	
	TTU-228/E HYDRAULIC TEST STAND	12	12	10	12	0	0	0	
NON-POWERED	TMU-27M LOX CART	23	23	23	22	0	0	1	
	OIL SERVICING CART	27	27	22	25	1	1	0	
	HYDRAULIC SERVICING CART	34	34	30	30	2	1	1	TDY AT BITBURG
	AXLE JACK	14	14	13	13	0	1	0	
	TRIPOD JACK	44	44	44	44	0	0	0	

PAGE: _____ OF _____

20 MAY 83

CLASSIFICATION

01602

SCREEN ID NO.:

10/11-76

SCREEN TITLE: AGE AVAILABILITY STATUS

SCREEN NUMBER: WG.STAT. .T

SCREEN PURPOSE:

Display the most current AGE availability status information.
Key AGE factors are presented.

USER:

PRIMARY: Maintenance Operations Center

SUPPORTING:

Senior Battle Staff
Mission Director
Aircraft Maintenance Branch
Munitions Control

SCENARIO:

The Frag Shop entered the ATO mission data while the Wing's Maintenance squadrons updated the AGE availability data.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS:

AGE data has been entered into the system and is current.

DATA SOURCE:

The wing Maintenance Operations Center and the AMUs will enter the data into the AFIRMS.

RELATED SCREENS:

Task Capability
AGE Support Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

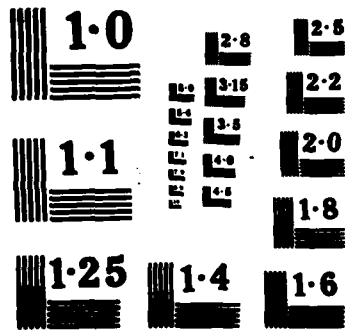
The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.



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10/11-78



34721



1.3 Resource Status and Schedule Products

The screens in this section present detailed resource status information needed for assignment of resources to the flying schedule. Still other screens provide the user with the capability to build, modify, and view the flying schedule to meet a specified tasking with the available resources.

SCREEN TITLE

Aircraft Status
Aircraft Status
Fuels Status
Munitions Load Crew Status
Munitions Status
Munitions Availability Forecast
Mass Load Generation Schedule
Mission Flow (Schedule Variation)
Flying Schedule (Operations)
Flying Schedule (Maintenance)

SCREEN TITLE: AIRCRAFT STATUS

SCREEN NUMBER: WG-STAT. .T

SCREEN PURPOSE:

Display detailed aircraft information for each aircraft including maintenance capability codes and ETIC data.

USER:

PRIMARY: Maintenance Operations Center

SUPPORTING:

Senior Battle Staff
Mission Director
Tactical Fighter Squadron
Munitions Control
Fuels Control
Aircraft Maintenance Unit
Frag Shop

SCENARIO:

The Frag Shop entered the ATO mission data while the Maintenance Operations Center and/or AMUs updated the aircraft status data. The wing's capability to do the task has been computed. The schedule has been built and detailed information on aircraft status is needed.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The Maintenance Operations Center and AMUs will input the aircraft status data.

RELATED SCREENS:

Task Capability
Aircraft Capability
Aircraft Availability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor
Data change indicator
Row/record coloring

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, and 9-16.

RECOMMENDED CHANGES:

- a. Add PMCS, PMCM, and PMCB totals at the bottom of the screen (same as NMC areas).
- b. A change indicator or flag is needed to mark those aircraft records that have had a recent change.

DATA ELEMENTS:

Element Name
 Unit Name
 Aircraft Serial Number
 Aircraft MDS
 Aircraft Operational Status
 Aircraft Status Remarks
 Aircraft Location
 Aircraft ETIC
 Aircraft Tank Configuration
 Aircraft Station Status

DRD #
 IIA
 IIB
 IIC
 IIE
 IIF
 IIG
 IIH
 IJK
 IIL

Element Name

Aircraft Preselect Indicator
 Aircraft Generation Factor
 Aircraft Tail Number
 Resource Authorized Amount
 Resource Assigned Amount
 Resource Current Amount
 Resource Current Amount Off-base
 Resource Possessed Amount
 Quantity In Status

DRD #
 IIM
 IIN
 IIP
 I3C
 I3G
 I3H
 I3I
 I3M
 88C

PARAMETER SELECTION SCREEN:

AIRCRAFT STATUS PARAMETER SCREEN			
ENVIRONMENT: PEACE	EXERCISE	CRISIS	PAGE 1 of 1
<p>1. UNIT NAME 52TEW</p> <p>2. AIRCRAFT MDS ALL MDS</p> <p><input checked="" type="checkbox"/> 3. AIRCRAFT STATUS ALL</p>			
<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 80%;"> Choose a minimum of 1 value and a maximum of 8. ALL NMCS NMCM NMCB PMCS PMCM PMCB FMC OTHER XFER </div>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	↑	→	↵

KEY # 1 2 3 4 5 6 7 8
 1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
---	--------------	---------	--------------	--------------------	--------------------	-------------------

KEY # 9 10 11 12 13 14 15 16
 2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 21 MAY 1985,1728Z
 CLD: 018 2
 M84: 24 APR 1985,1832Z

UNCLASSIFIED
 AIRCRAFT STATUS
 SOUTH _ALL POS

STATUS AS OF:
 21 MAY 1985,1728Z

SERIAL/ID	POS	MAC	TYPE	ICM	INERTIC	IRSN	IRSN
JMCH	128773 IF-4E	162510	162	1877	2100	113 JUL	
	481773 IF-4E	162510	162	1877	1800	100	
	181773	162510	162	1877	2100	105 JUL	
		162510	162	1877	2100	105 JUL	
		162510	162	1877	2200	105 JUL	
JMCH	128773 IF-4E	162510	162	1877	1945		
		162510	162	1877	1800	106 JUL	
		162510	162	1877	1945		
		162510	162	1877	2100	100 JUL	

PAGE 1 OF 7

UNCLASSIFIED

REPORT 1 OF 2

DISPLAY LINE	TOP	PREVIOUS	UPDATE
INFORM	HOME	HOME	SCREEN
SELECT	TABLE))))
			(-)

SCREEN: 21 MAY 1985,1728Z
 CLD: 018 2
 M84: 24 APR 1985,1832Z

UNCLASSIFIED
 AIRCRAFT STATUS
 SOUTH _ALL POS

STATUS AS OF:
 21 MAY 1985,1728Z

SERIAL/ID	POS	MAC	TYPE	ICM	INERTIC	IRSN	IRSN
JMCH	128773 IF-4E	162510	162	1877	2100	113 JUL	
	481773 IF-4E	162510	162	1877	1800	100	
	181773	162510	162	1877	2100	105 JUL	
		162510	162	1877	2100	105 JUL	
		162510	162	1877	2200	105 JUL	
JMCH	128773 IF-4E	162510	162	1877	1945		
		162510	162	1877	1800	106 JUL	
		162510	162	1877	1945		
		162510	162	1877	2100	100 JUL	

PAGE 1 OF 7

UNCLASSIFIED

REPORT 2 OF 2

DISPLAY LINE	TOP	PREVIOUS	UPDATE
INFORM	HOME	HOME	SCREEN
SELECT	TABLE))))
			(-)

SCREEN TITLE: SUPPLY MICAP STATUS

SCREEN NUMBER: WG-STAT. .T

SCREEN PURPOSE:

Display supply mission capable (MICAP) information for each aircraft with a NMCS or NMCB status.

USER:

PRIMARY: Logistics Readiness Center

SUPPORTING:

Senior Battle Staff
Aircraft Maintenance Unit
Maintenance Operations Center
Supply

SCENARIO:

The Maintenance Operations Center and wing supply have updated the aircraft status data. The user wants to know what parts are causing the (NMCS) status for all aircraft.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS:

Current MICAP information has been entered into the system.

DATA SOURCE:

The supply personnel will enter the MICAP supply data into the AFIRMS and the Maintenance Operations Center will enter the status codes for the aircraft.

RELATED DISPLAYS:

Aircraft Status
Aircraft Availability
Aircraft Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor
Row/record coloring

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name

Aircraft Unit Name
 Aircraft Serial Number
 Aircraft Operational Status
 Requisition Resource Type
 Due-Out Requisition Number
 Due-In Requisition Number
 MICAP Start Date
 Number of MICAP Days

DRD #

11A
 11B
 11E
 92A
 92B
 92C
 92D
 92E

Element Name

Requisition Cause Code
 Requisition Route ID
 Requisition Remarks

DRD #

92F
 92G
 92H

PARAMETER SELECTION SCREEN:

SUPPLY MICAP STATUS PARAMETER SCREEN			
ENVIRONMENT: PEACE	EXERCISE	CRISIS	PAGE 1 of 1
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <input type="checkbox"/> UNIT(S) 52TFW </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 5px;"> Choose a minimum of 1 value, and a maximum of 1. 52TFW 23TFS 01TFS 400TFS </div>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
←	2	3	→

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	HALF PG	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
9	10	11	12	13	14	15	16

2ND ARRAY OF PARAMETER SCREEN KEYS

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 21 NOV 1985,174ZZ
 OLD: 078
 NEW: 16 NOV 1984,052Z

UNCLASSIFIED
 SUPPLY HICAP STATUS
 SETEL

STATUS AS OF:
 21 NOV 1985,174ZZ

ALIAS	TRAIL	STATUS	ALLOCATION	LINE	NUM	LINE	IN	NUM
(MSH)	(MSH)	(MSH)	(MSH)	(MSH)	(MSH)	(MSH)	(MSH)	(MSH)
11231	11231	11231	11231	11231	11231	11231	11231	11231
11232	11232	11232	11232	11232	11232	11232	11232	11232
11233	11233	11233	11233	11233	11233	11233	11233	11233
11234	11234	11234	11234	11234	11234	11234	11234	11234
11235	11235	11235	11235	11235	11235	11235	11235	11235
11236	11236	11236	11236	11236	11236	11236	11236	11236
11237	11237	11237	11237	11237	11237	11237	11237	11237
11238	11238	11238	11238	11238	11238	11238	11238	11238
11239	11239	11239	11239	11239	11239	11239	11239	11239
11240	11240	11240	11240	11240	11240	11240	11240	11240
11241	11241	11241	11241	11241	11241	11241	11241	11241
11242	11242	11242	11242	11242	11242	11242	11242	11242
11243	11243	11243	11243	11243	11243	11243	11243	11243
11244	11244	11244	11244	11244	11244	11244	11244	11244
11245	11245	11245	11245	11245	11245	11245	11245	11245
11246	11246	11246	11246	11246	11246	11246	11246	11246
11247	11247	11247	11247	11247	11247	11247	11247	11247
11248	11248	11248	11248	11248	11248	11248	11248	11248
11249	11249	11249	11249	11249	11249	11249	11249	11249
11250	11250	11250	11250	11250	11250	11250	11250	11250

PAGE 1 OF 1

UNCLASSIFIED

21 NOV 85

174ZZ

EDIT	LINE	NUM	LINE	NUM	UPDATE
(E)	(L)	(N)	(L)	(N)	(U)
EDIT	LINE	NUM	LINE	NUM	UPDATE
(E)	(L)	(N)	(L)	(N)	(U)

SCREEN: 21 NOV 1985,174ZZ
 OLD: 078
 NEW: 16 NOV 1984,052Z

UNCLASSIFIED
 SUPPLY HICAP STATUS
 SETEL

STATUS AS OF:
 21 NOV 1985,174ZZ

ALIAS	TRAIL	STATUS	ALLOCATION	LINE	NUM	LINE	IN	NUM
(MSH)	(MSH)	(MSH)	(MSH)	(MSH)	(MSH)	(MSH)	(MSH)	(MSH)
11231	11231	11231	11231	11231	11231	11231	11231	11231
11232	11232	11232	11232	11232	11232	11232	11232	11232
11233	11233	11233	11233	11233	11233	11233	11233	11233
11234	11234	11234	11234	11234	11234	11234	11234	11234
11235	11235	11235	11235	11235	11235	11235	11235	11235
11236	11236	11236	11236	11236	11236	11236	11236	11236
11237	11237	11237	11237	11237	11237	11237	11237	11237
11238	11238	11238	11238	11238	11238	11238	11238	11238
11239	11239	11239	11239	11239	11239	11239	11239	11239
11240	11240	11240	11240	11240	11240	11240	11240	11240
11241	11241	11241	11241	11241	11241	11241	11241	11241
11242	11242	11242	11242	11242	11242	11242	11242	11242
11243	11243	11243	11243	11243	11243	11243	11243	11243
11244	11244	11244	11244	11244	11244	11244	11244	11244
11245	11245	11245	11245	11245	11245	11245	11245	11245
11246	11246	11246	11246	11246	11246	11246	11246	11246
11247	11247	11247	11247	11247	11247	11247	11247	11247
11248	11248	11248	11248	11248	11248	11248	11248	11248
11249	11249	11249	11249	11249	11249	11249	11249	11249
11250	11250	11250	11250	11250	11250	11250	11250	11250

PAGE 1 OF 1

UNCLASSIFIED

21 NOV 85

174ZZ

EDIT	LINE	NUM	LINE	NUM	UPDATE
(E)	(L)	(N)	(L)	(N)	(U)
EDIT	LINE	NUM	LINE	NUM	UPDATE
(E)	(L)	(N)	(L)	(N)	(U)

SCREEN TITLE: AIRCREW STATUS

SCREEN NUMBER: WG.STAT. .J

SCREEN PURPOSE:

Display detailed information regarding individual aircrews and their qualifications.

USER:

PRIMARY: Tactical Fighter Squadron

SUPPORTING:

Senior Battle Staff
Mission Director
Frag Shop

SCENARIO:

The Frag Shop entered the ATO mission data while the fighter squadrons updated the aircrew status data. The Frag Shop has built a schedule shell and is ready for aircrew assignments to the flying schedule.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The flying squadrons will enter the data into AFIRMS. If an interface with AFORMS is developed, the data could come from AFORMS.

RELATED SCREENS:

Task Capability
Aircrew Availability
Aircrew Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor
Data change indicator
Row/record coloring

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, and 9-16.

RECOMMENDED CHANGES:

- a. A change indicator or flag is needed to mark those aircrew member records that have recently changed.
- b. Further analysis is needed on the Aircrew Assignment parameter. LPP testing indicates marginal use as a parameter (this is not to be interpreted as a recommendation to delete the value from the display).

DATA ELEMENTS:

Element Name

Airman Last Name
 Unit Name
 Availability Status
 Crew Day Start
 Airman Status Remarks
 Airman Rank
 Airman ETR
 Crew Position
 Duty Status

DRD #

12A
 12B
 12C
 12D
 12F
 12G
 12H
 12I
 12J

Element Name

Assignment Type
 Expected MR Date
 Duty Status Qualifier
 Resource Authorized Amount
 Resource Assigned Amount
 Resource Possessed Amount
 Aircrews MR
 Skill Identifier
 Skill Level (GCC level)
 Quantity In Status

DRD #

12L
 12M
 12N
 13C
 13G
 13M
 13P
 61B
 61C
 88C

PARAMETER SELECTION SCREEN:

AIRCREW STATUS PARAMETER SCREEN										
ENVIRONMENT: PEACE			EXERCISE			CRISIS			PAGE 1 OF 1	
<p>1. UNIT NAME 81TFS</p> <p>2. AIRCREW POSITION AC</p> <p><input checked="" type="checkbox"/> 3. AIRCREW ASSIGNMENT ASGND</p>										
<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 80%;"> Choose a minimum of 1 value and a maximum of 2. STAFF ASGND ATCHD ALL </div>										
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP							↗

1ST ARRAY OF PARAMETER SCREEN KEYS

KEY # 1	2	3	4	5	6	7	8
←	PACE REVERSE	FULL PG	HALF PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15	16

2ND ARRAY OF PARAMETER SCREEN KEYS

34721

10/11-90

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 8 MAY 1985,1407Z
 OLD: DTG Z
 NEW: 22 OCT 1984,1734Z

UNCLASSIFIED
 AIRCREW STATUS
 81TFS AC ASSG

STATUS AS OF:
 8 MAY 1985,1407Z

ITYPE	UNIT	INAME	IRNK	IPOS	IRK	ISRT	IRN	IFILE	ILEAV	ITDY	IAVAL	LETR	IGCC	DATE	IMR	IMISS	IQS	ISTK	IMDS	IFLT	IQUL
	81TFS	ADAIR																			
		ALRED																			
		CANTRELL																			
		CAREL																			
		DAVIS																			
		DELGREGO																			
		DIKKERS																			
		GELMIX																			
		GRUSE																			
		HEBERT																			
		HENNINGER																			

PAGE 1 OF 3

8 May 85

UNCLASSIFIED

1407Z

SEGMENT 1 OF 1

	DISPLAY		LINE		TOP		PREVIOUS		UPDATE
	PARAM		HIGHLIGHT		MENU		MENU		SCREEN
	SELECT		TOGGLE						

UNCLASSIFIED FUELS STATUS

STATUS AS OF:
2 OCT 1984, 1109Z

52TFW

SCREEN CURRENCY:
2 OCT 1984, 1148Z
SCREEN DATA CURRENCY:
DTCZ 016Z
REV: 17 APR 1984, 1109Z

FUEL GRADE	FUEL FACILITY	SER NO / LOCATION	CAPACITY (GAL)	INVENTORY AMOUNT	DATE	CONDITION (C/C/E/T/C)	REMARKS	15 TRUCKS		19 TRUCKS		10Y PLY		FILLSTAD TOP		FILLSTAD BOT	
								ASSIGN	ASH ROY	ASSIGN	ASH ROY	ASSIGN	ASH ROY	ASSIGN	ASH ROY	ASSIGN	ASH ROY
W4	FILLSTAD BOT	3664	3666			NR											
	FILLSTAD TOP	3648				NR											
		3054				NR											
		311				NR											
	10Y PLY					NR											
	PIPE					NR											
		268				NR											
		WELDER				NR											
		PHIL2				NR											
	15 TRUCK	5522	5668	2268		NR											
		5678	5908	3200		NR											
		56878	5668	6		NR											
	19 TRUCK	07109	5908	0		NR											
		10119	5668	6		NR											
		19237	5908	3000		NR											
		121146	5668	6368		NR											
		21409	5908	6000		NR											

1588Z

UNCLASSIFIED

02 OCT 84

PAGE 1 OF 2

SCREEN TITLE: FUELS STATUS

SCREEN NUMBER: WG.STAT. .T

SCREEN PURPOSE:

Permit manual data entry and tabular display of current fuels status information for availability and schedule execution monitoring.

USER:

PRIMARY: Fuels Control

SUPPORTING:

Senior Battle Staff
Maintenance Operations Center
Mission Director
Frag Shop
LRC

SCENARIO:

Current fuel status has been updated. The users are reviewing the updated fuels availability to support the tasking.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS:

Jet fuels quantity is maintained in gallons in the database and converted to either barrels or pounds if necessary.

DATA SOURCE:

Fuels Control will input the data. However, if an interface is developed with Combat Fuels Management System (CFMS), the data could be obtained from CFMS. Alternately, the interface could go in the opposite direction, i.e., AFIRMS could provide CFMS with the necessary data.

RELATED SCREEN:

Task Capability
Refuel Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Full screen editor
Paging and scrolling
Row/record coloring
Special area totals at the bottom of the screen

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

- a. Include fuels personnel, e.g., drivers, hot pit operators, etc.
- b. Delete the inventory date.

DATA ELEMENTS:

Element Name
 Unit Name
 Resource Type
 Resource Unit of Measure
 Resource Current Amount
 Resource Capacity Amount
 Supply Location Facility
 Supply Location Number

DRD #
 IF
 5A
 5E
 13H
 137
 20C
 20D

Element Name
 Supply Location Capacity
 Supply Location Inventory
 Supply Location Inventory Date
 Storage Container Serviceability
 Storage Container ETIC
 Storage Container Remarks

DRD #
 20E
 20F
 20G
 20J
 20K
 20L

PARAMETER SELECTION SCREEN:

FUELS STATUS PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 OF 1			
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>1. FUEL GRADE ALL</p> </div>			
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>Choose a minimum of 1 value and a maximum of 4. JP-4 DF-2 MGR LOX LN2 ALL</p> </div>			
DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
↑	←	→	↵

KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG HALF PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
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KEY # 9 10 11 12 13 14 15 16

2ND ARRAY OF PARAMETER SCREEN KEYS

CLASSIFICATION MUNITIONS LOAD CREW STATUS 52 TFW

SCREEN CURRENCY
DTG
SCREEN DATA CURRENCY
DTG
DTG
DTG

STATUS AS OF:
20 MAY 83, 0600Z

LOAD CREW NO.	CREW POS. NO.	NAME	SCL QUALIFICATION PRIMARY			SCL QUALIFICATION SUPPORT			DUTY STATUS			REMARKS							
			045	093	023	014	073	725	310	022	030		017	TDY	LV	LOCALE	FTR	AVAIL	PRP
01	1	BRYANT															X	X	
	2	LACO															X	X	
	3	SILVA															X	X	
02	1	HOOPER	045	093	023	014	073	725	310	022	028	017					X	X	DEROS 18/85
	2	ANDERSON															X	X	
	3	ALBRECHT															X	X	
03	1	SIMMONS	045	093	023	014	073	725	310	022	028	017					X	X	
	2	SMITH, T											EGLIN	01 JUL			X	X	
	3	SMITH, S											EGLIN	01 JUL			X	X	
04	1	PARKER	045	093	023	014	073	725									X	X	EST TNG COMP 15 JUL
	2	DOLGERT															X	X	
	3	WILLIAMS															X	X	
05	1	LLOYD	045	093	023	014	073	725	310	022							X	X	EST TNG COMP 1 JUL
	2	CHEKHOFSKY											LOCAL				X	X	
	3	NGUYEN															X	X	
06	1	HOLIDAY	045	093	023	014	073	725	310	022	028	017					X	X	
	2	FILTER															X	X	
	3	BURNS															X	X	
07	1	ADKINS	045	093	023	014	073	725	310	022	028	017					X	X	
	2	FAY															X	X	
	3	WILLIAMS															X	X	
08	1	BUTLER	045	093	023	014	073	725	310	022	028	017					X	X	
	2	BARRETT															X	X	
	3	WROBLEWSKI															X	X	
09	1	WIENER	045	093	023	014	073	725	310	022	028	017					X	X	
	2	SCOTT															X	X	
	3	GALIANO															X	X	PRP REQUESTED 6 JUM

LOAD CREW TOTALS	TDY	LV	ASSOND	EXTRA	AVAIL	PRP
1	3	0	04	5	01	04
7	5	1	04	0	36	04
3	3	1	04	0	00	35

SCREEN ID NO.:

70 MAY 83

CLASSIFICATION 0100Z

OF

10/11-96

SCREEN TITLE: MUNITIONS LOAD CREW STATUS

SCREEN NUMBER: WG.STAT. .T

SCREEN PURPOSE:

Display the detailed information relating to load crew availability.

USER:

PRIMARY: Aircraft Maintenance Units

SUPPORTING:

Senior Battle Staff
Mission Director
Maintenance Operations Center
Munitions Control

SCENARIO:

The Frag Shop entered the ATO mission data into the system. Meanwhile, the AMUs updated the load crew status data.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS:

Individual load crew members are considered available if on leave or on temporary duty (TDY) in Europe.

DATA SOURCE:

The AMUs will enter the data into the AFIRMS.

RELATED SCREENS:

Task Capability
Munitions Capability
Munitions Load Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor
Special area for totals at the bottom

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGE: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

SCREEN CURRENCY:
2 OCT 1984, 1144Z
SCREEN DATA CURRENCY:
DTC
LEN: 10 JUN 1984, 1106Z

UNCLASSIFIED MUNITIONS STATUS

52TFW

STATUS AS OF:
2 OCT 1984, 1144Z

MUNITION CNT TYPE	AMTNR- IZED	CURRENTLY BUILT-UP	DATE OF LAST CHANGE	EXPECTED QUANTITY	ON-BASE QUANTITY	OFF-BASE QUANTITY	REMARKS
PKT 1200F-10	566666		26-JUN-84	18666	566666	786666	
PKM50F-5	300	22	04-SEP-84	2000	200	1200	
PKM50F-4	600	36	26-JUN-84	18	12366	366	
PKM50F-3	3200	68	29-JUL-84	76	6000	4400	
PKM50F-2	2300	34	26-JUN-84	148	5568	1568	
PKM50F-1	1600	48	29-JUL-84	54	3000	1720	
PKM50F-0	600	36	26-JUN-84	12	4666	126	
PKM50F-0	500	125	29-JUL-84	20	184	3500	
PKM50F-0	3000	150	21-AUG-84	18	2638	4668	
PKM50F-0	2000	135	12-SEP-84	60	3728	44500	
PKM50F-0	3000	345	26-SEP-84	70	4381	55677	
PKM50F-0	566666		29-JUL-84	12000	100000	6000	
PKM50F-0	300		17-JUN-84	40	40	20	
PKM50F-0	200	0	15-JUL-84	0	3000	200	
PKM50F-0	600	0	15-JUN-84	14	2100	340	
PKM50F-0	200	0	16-JUL-84	5	1200	276	
PKM50F-0	0	0	26-JUN-84	0	100	0	
PKM50F-0	500	20	19-JUL-84	20	1000	200	
PKM50F-0	30	0	17-JUN-84	0	0	200	
PKM50F-0	300	0	29-JUL-84	20	204	0	
PKM50F-0	400	0	11-JUN-84	0	300	1000	
PKM50F-0	600	0	16-JUL-84	0	600	1200	
PKM50F-0	50	0	11-JUN-84	0	75	300	

PAGE 1 OF 2

02 JUL 84

UNCLASSIFIED

154Z

DISPLAY
PAGE
SELECT

HARD
COPY

TOP
MENU

PREVIOUS
MENU

UPDATE
SCREEN

10/11-98

SCREEN TITLE: MUNITIONS STATUS

SCREEN NUMBER: WG.STAT. .T

SCREEN PURPOSE:

Display the whole-up round data on the status of munitions.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Senior
Mission Director
Tactical Fighter Squadron
Munitions Control
Maintenance Operations Center

SCENARIO:

The Wing's Munitions Control has updated the status data for munitions, and the users are reviewing the new status.

CLASSIFICATION:

This product is SECRET with the authorized amount displayed. When it is removed, the product is UNCLASSIFIED.

ASSUMPTIONS:

- a. Quantities are whole-up rounds.
- b. Primary (PRI), Support (SPT), and Training (TRNG) are load crew training categories for the munitions.

DATA SOURCE:

Munitions Control will input the data. If an interface with Combat Ammunition System (CAS) is developed, the inventory quantity could be obtained from CAS. However, the amount expended would still be an input.

RELATED SCREENS:

Task Capability
Munitions Availability Forecast
Munitions Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor
Row/record coloring

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, 9-16, 19-24, and 26.

RECOMMENDED CHANGES:

Delete the authorized amount to declassify the product.

DATA ELEMENTS:

Element Name	DRD #
Unit Name	13A
Resource Type	13B
Resource Authorized Amount	13C
Last Inventory Date	13E
Resource Current Amount	13H
Resource Off-base Amount	13I
Base Name	13J
Daily Expended Amount	13R
Current Built-up Amount	13S
Resource Remarks	13U

PARAMETER SELECTION SCREEN:

MUNITIONS STATUS PARAMETER SCREEN					
ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1	
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <input checked="" type="checkbox"/> MUNITION CATEGORY ALL </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 5px;"> Choose a minimum of 1 value and a maximum of 2. PRI SPT TNG ALL </div>					
DISPLAY PRODUCT			RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP
KEY # 1	2	3	4	5	6

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15

2ND ARRAY OF PARAMETER SCREEN KEYS

↑	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 7	8	9	10	11	12

BLACK-AND-WHITE TABULAR VERSION:

SCREEN: 8 MAY 1985,1437Z
 OLD: DTG Z
 NEW: 10 JUN 1984,1100Z

UNCLASSIFIED
 MUNITIONS STATUS
 SZIFW

STATUS AS OF:
 8 MAY 1985,1437Z

MUNITION CAT. TYPE	AUTHOR- LIZED	CURRENTLY BUILT-UP	DATE OF LAST CHANGE	EXPENDED QUANTITY	ON-BASE QUANTITY	OFF-BASE QUANTITY	REMARKS
PRI 2000 HEI	11000000	3000000	25-APR-85	18000	500000	780000	
AGM-45A-10	1200	0	25-APR-85	0	150	200	
AGM-45A-3	1300	22	25-APR-85	2000	200	1200	
AGM-45A-4	1200	36	25-APR-85	18	0	300	
AGM-45A-6	1200	0	25-APR-85	14	150	340	
AGM-45A-9	1280	0	25-APR-85	36	150	276	
AGM-45A-11	3200	460	25-APR-85	76	375	4400	
CBU-52	800	50	25-APR-85	28	284	456	
CBU-58	800	125	25-APR-85	20	654	5908	
CBU-71	800	0	25-APR-85	0	300	1000	
MK-82C	2000	135	25-APR-85	40	3588	445400	
MK-82R	2000	345	25-APR-85	180	4301	556677	

PAGE 1 OF 3

8 May 85

UNCLASSIFIED

1437Z

SEGMENT 1 OF 1

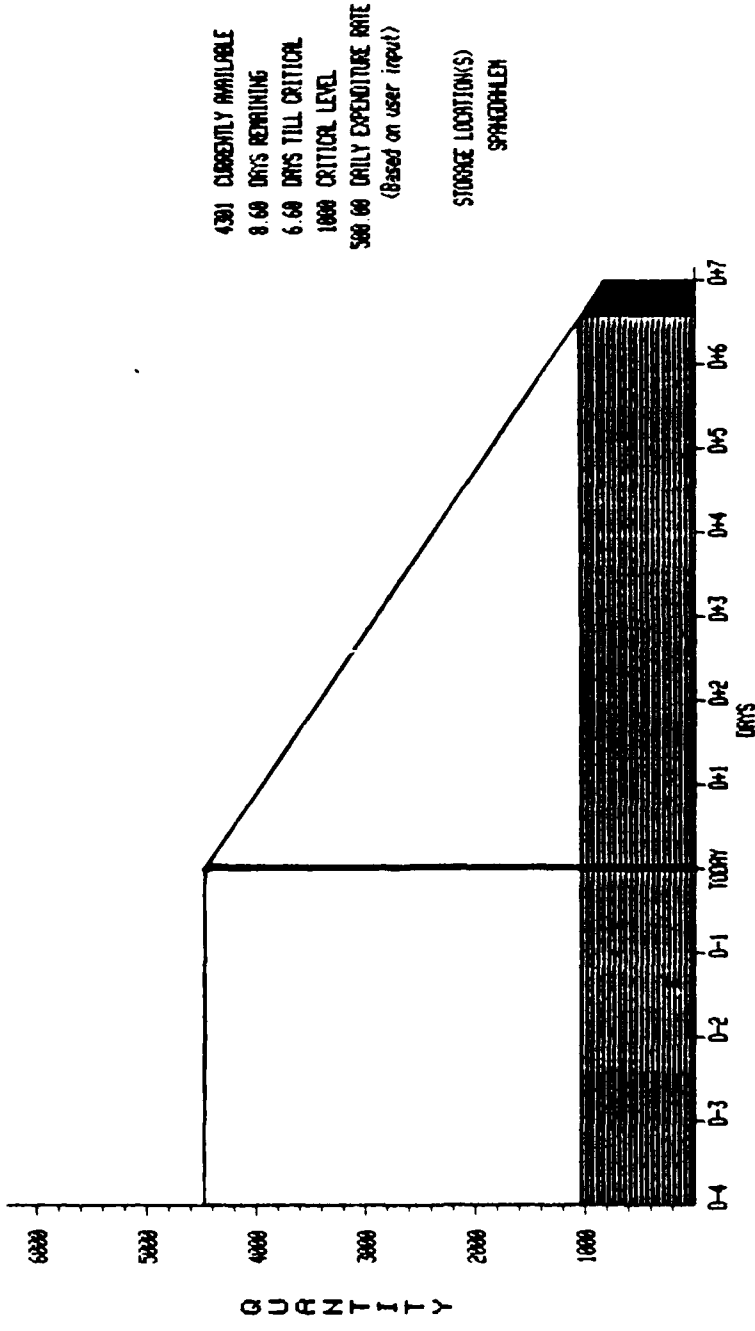
DISPLAY	LINE	TOP	PREVIOUS	UPDATE
PARA#	HIGHLIGHT	MENU	MENU	SCREEN
SELECT	TOGGLE			->

UNCLASSIFIED MUNITIONS AVAILABILITY FORECAST

STATUS AS OF:
2 OCT 1994, 100Z

52TFW MK82R

SCREEN CURRENCY:
4 OCT 1994, 1500Z
SCREEN DATA CURRENCY: 2
DLG: DTG
REV: 09 JAN 1994, 1030Z



4301 CURRENTLY AVAILABLE
8.60 DAYS REMAINING
6.60 DAYS TILL CRITICAL
1000 CRITICAL LEVEL
500.00 DAILY EXPENDITURE RATE
(Based on user input)

STORAGE LOCATION(S)
SPANORHLEN

UNCLASSIFIED

64 OCT 94

1982

DISPLAY PROGRAM SELECT	HARD COPY	TOP MENU	PREVIOUS MENU	UPDATE SCREEN
------------------------------	--------------	-------------	------------------	------------------

SCREEN TITLE: MUNITIONS AVAILABILITY FORECAST

SCREEN NUMBER: WG.STAT. .G

SCREEN PURPOSE:

Display, for a selected munition, the forecasted availability based upon a usage rate.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Tactical Fighter Squadron
Munitions Control

SCENARIO:

The Frag Shop is assessing munitions availability in order to build the next day's frag.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS:

Resupply is not included.

DATA SOURCE:

The Munitions personnel will enter the data into the AFIRMS.

RELATED SCREENS:

Munitions Status

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

This product is not a standard type of screen and must be a unique screen program.

Historical data is displayed.

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1 and 3-7.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

Element Name	DRD #	Element Name	DRD #
Unit Name Owning Resource	13A	Resource Supply Critical Level	13V
Resource Name	13B	Resource Total Currently Available	13W
Resource Last Inventory Date	13E	Resource Supply Days Remaining	13X
Resource Current Amount	13H	Resource Daily Expenditure Rate	13Y
Resource Current Off Base Amount	13I	Resource Supply Days Until Critical	13Z
Off Base Amount	13T		

PARAMETER SELECTION SCREEN:

MUNITIONS AVAILABILITY FORECAST PARAMETER SCREEN			
ENVIRONMENT:	PEACE	EXERCISE	CRISIS
PAGE 1 of 1			
<p>1. MUNITION MK-82R</p> <p>2. EXPENDITURE RATE DETERMINATION HISTORICAL AVERAGE</p> <p>3. IF HISTORICAL, ENTER NUMBER OF DAYS</p> <p>4. IF USER INPUT, ENTER ROUNDS PER DAY 500</p> <p>5. CRITICAL LEVEL IN WHOLE ROUNDS 1000</p> <p>6. FORECAST LENGTH 7</p> <p>7. INCLUDE OFFBASE STORAGE LOCATIONS? NO 500</p>			
<p>Write in a value.</p>			
DISPLAY PRODUCT		RETURN TO TOP MENU	HELP
KEY 0 1	2	3	4
1ST ARRAY OF PARAMETER SCREEN KEYS			
PAGE REVERSE	FULL PG	PAGE FORWARD	DELETE PARAM VALUE
KEY 0 9	10	11	12
2ND ARRAY OF PARAMETER SCREEN KEYS			
		SELECT PARAM VALUE	ENTER PARAM VALUE
		13	14
		15	16



BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.



SCREEN CURRENCY:
DTG
SCREEN DATA CURRENCY:
DTG
DTG

CLASSIFICATION MASS LOAD GENERATION SCHEDULE 52 TFW

TASKING:
CLOSED ESTATE 20 MAY 83

START TIME: 0100Z

ATTAINED BY TIME:

TIME REMAINING:

A	B	C	D	E	F	G	H	I	J	K	L	M
LINE NO.	ACFT NO.	ACFT LOC	PRE-FLT START COMP	PRE-CONF START COMP	ECM PODS START COMP	LOAD	LOAD CREW	WPN DEL START COMP	LOAD START	LOAD COMP	ACFT READY	ON STATUS
101		A+ SCHED ACT	00:00 01:00 0300		00:30 01:30 0350			01:15 01:35 0235	01:00 02:00 0300	01:00 02:00 0300	01:15 02:15 0315	
102		A+ SCHED ACT	00:00 01:00 0300		00:30 01:30 0210			01:15 01:35 0235	01:00 02:00 0300	01:00 02:00 0300	01:15 02:15 0315	
103		A+ SCHED ACT	00:00 01:00 0300		01:10 02:10 0230			01:15 01:35 0235	01:00 02:00 0300	01:00 02:00 0300	01:15 02:15 0315	
104		A+ SCHED ACT	00:00 01:00 0300		01:30 02:30 0350			01:50 02:00 0300	02:00 03:00 0400	02:00 03:00 0400	02:15 03:15 0415	
105		A+ SCHED ACT	00:00 01:00 0300		02:00 03:00 0320			01:40 02:00 0300	02:00 03:00 0400	02:00 03:00 0400	02:15 03:15 0415	
106		A+ SCHED ACT	00:00 01:00 0300		02:20 03:20 0340			01:40 02:00 0300	02:15 03:15 0415	02:15 03:15 0415	02:30 03:30 0430	
107		A+ SCHED ACT	00:30 01:30 0330		02:00 03:00 0400			02:30 03:00 0350	02:50 03:50 0415	02:50 03:50 0415	03:30 04:30 0530	
108		A+ SCHED ACT	00:30 01:30 0330		02:00 03:00 0420			02:30 03:00 0350	02:50 03:50 0415	02:50 03:50 0415	03:30 04:30 0530	
109		A+ SCHED ACT	00:30 01:30 0330		03:30 04:30 0450			02:30 03:00 0350	02:50 03:50 0415	02:50 03:50 0415	03:30 04:30 0530	
110		A+ SCHED ACT	00:30 01:30 0330		03:50 04:50 0510			02:55 03:15 0355	03:15 04:15 0415	03:15 04:15 0415	03:30 04:30 0530	

PAGE _____ OF _____

20 MAY 83

CLASSIFICATION 0100Z

SCREEN ID NO.:

SCREEN TITLE: MASS LOAD GENERATION SCHEDULE

SCREEN NUMBER: WG.TASK. .T

SCREEN PURPOSE:

Display and compute the mass load-out plan for a specified task.

USER:

PRIMARY: Mission Director

SECONDARY:

Senior Battle Staff
Munitions Control
Maintenance Operations Center
Fuels Control
Tactical Fighter Squadrons

SCENARIO:

The Wing is generating and loading aircraft in accordance with a predetermined schedule for a task or plan. A-Hour has been established and entered into the system.

CLASSIFICATION:

This product is UNCLASSIFIED until A-Hour is input at which time it is classified SECRET.

ASSUMPTIONS:

The line numbers, A+ times, and A- hour are already input by the Mission Director.

DATA SOURCE:

The respective wing user will input the data.

RELATED SCREENS:

Aircraft Status

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor
Data change indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, and 9-16.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

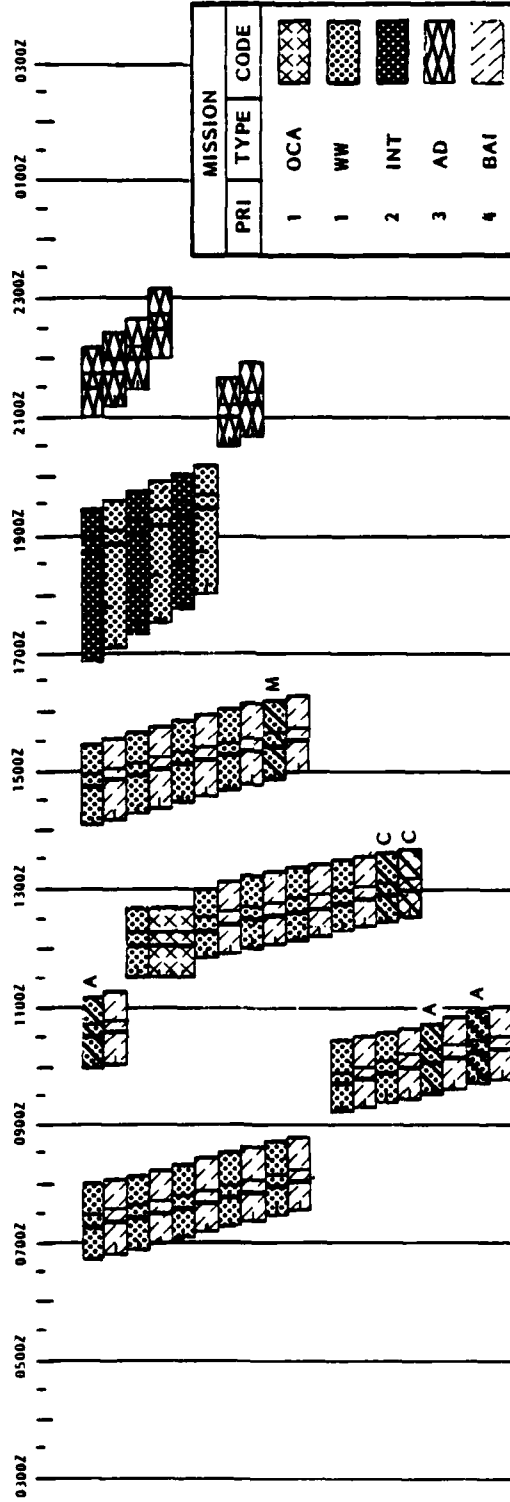
CLASSIFICATION

MISSION FLOW

52 TFW

SCREEN CURRENCY:
DTC
SCREEN DATA CURRENCY:
DTC
DTC

TASKING:
ATO NO. 3, 20 MAY 83



UNFILLED MISSION CAUSE CODES
A - AIRCRAFT
C - AIRCREW
M - MUNITIONS
F - FUEL
MX - MAINT. SPT.

TURN PATTERN	
1	2
3	4
5	
F-NE	18 x 14 x 10 x 10 x 8
F-4G	14 x 10 x 8 x 6 x

PAGE _____ OF _____

20 MAY 83

CLASSIFICATION

SCREEN ID NO.

SCREEN TITLE: MISSION FLOW (Schedule Variation)

SCREEN NUMBER: WG.TASK. .G

SCREEN PURPOSE:

Provide a visual display of the mission flow and the capability for the user to reject, move, and/or modify missions as needed to adjust tasked mission requirements to conform with available resources.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Maintenance Plans and Scheduling
Aircraft Maintenance Unit
Job Control Supervisor
Fuels Control Center

SCENARIO:

The tasking has been entered into the system and the user has viewed the requirements in the form of a spread sheet. Following an inspection of resource capability, the user is deciding which mission(s) to turn back and which to move in order to form a feasible flow. This process involves both the manipulation of missions on this screen and determining Task Capability.

CLASSIFICATION:

The normal classification of this product is SECRET. However, "what-if" exercises may be UNCLASSIFIED. Therefore, the user building the task must set the classification.

ASSUMPTIONS:

If no take-off and/or landing times are input, wing standards for ETE to the target area are used as defaults.

DATA SOURCE:

The Frag Shop will enter the schedule data into the AFIRMS.

RELATED SCREENS:

Tasking Information
Task Capability

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Spreadsheet

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 4-7, 9-11, and 15.

RECOMMENDED CHANGES: None.

DATA ELEMENTS:

The data elements will be furnished during the Analysis Phase of AFIRMS implementation.

PARAMETER SELECTION SCREEN:

The parameters and parameter choices will be furnished during the Analysis Phase of AFIRMS implementation.

BLACK-AND-WHITE TABULAR VERSION:

This version will be furnished during the Analysis Phase of AFIRMS implementation.

SCREEN TITLE: FLYING SCHEDULE (OPERATIONS)

SCREEN NUMBER: WG.CAP. .TJ

SCREEN PURPOSE:

Display those tasked missions which have been accepted by the Wing in the standard USAFE format for a flying schedule.

USER:

PRIMARY: Frag Shop

SUPPORTING:

Senior Battle Staff
Mission Director
Tactical Fighter Squadron
Maintenance Operations Center

SCENARIO:

The Frag Shop entered the ATO tasking data into the system, determined the Wing's capability to do the task, and now is ready to build the schedule.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The Frag Shop will enter the schedule data into the AFIRMS.

RELATED SCREENS:

Aircrew Generation
Mission Flow (with scheduled missions)
Tasking Information

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor
Data change indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, and 9-16.

RECOMMENDED CHANGES:

- a. Ditto marks or a vertical line (arrow) should be displayed for information that repeats within a flight/mission (a mission has from 1 to n number of aircraft per mission).
- b. Change "Version" to "change" in the schedule heading.
- c. Delete "Version/Change" Number and Schedule Date from the subtitle.

DATA ELEMENTS:

Element Name	DRD #	Element Name	DRD #	Element Name	DRD #
Aircraft MDS	11C	Sortie Expected Land Time	50E	Skill Identifier - Skill Possessed	61B
Aircraft Tail Number	11P	Sortie Expected Flight Duration	50F	Unit Name - Schedule	89A
Airman Last Name	12A	Sortie Actual Take-Off Time	50G	Flying Schedule Date	89B
Airman Crew Position	12I	Sortie Actual Land Time	50H	Flying Schedule Day	89C
Primary Mission Type Assigned	15D	Sortie Actual Flight Duration	50I	Flight Section	89D
Alternate Mission Type	15P	Effectiveness Primary Mission	50J	Flying Schedule RD ID	89E
Sortie Sequence Number	50A	Effectiveness GCC	50K	Flying Schedule CM	89F
Sortie Assigned Call Sign	50B	Schedule Deviation Code	50L	Flying Schedule SOF	89G
Sortie Turn Number	50C	OPS/Command Post Remarks	50M	Flying Schedule RSU	89H
Sortie Assigned Take-Off Time	50D	Sortie Assigned Configuration Type	500	Flying Schedule SLO	89I
				Flying Schedule SQS	89J
				Flying Schedule Base Code	89K
				Flying Schedule Time Reference	89L
				Aircraft MDS Covered	89M
				Version Number of Schedule	90A

PARAMETER SELECTION SCREEN:

FLYING SCHEDULE (OPERATIONS) PARAMETER SCREEN

ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1
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1. UNIT DESIGNATION

2. SCHEDULE VERSION
1

3. SCHEDULE DATE
02-JUL-85

Choose a minimum
1 value and a
maximum of 1.

23TFS
81TFS
480TFS

DISPLAY PRODUCT	RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑
KEY # 1	2	3	4	5
6	7	8	9	0

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
KEY # 9	10	11	12	13	14	15

2ND ARRAY OF PARAMETER SCREEN KEYS

UNCLASSIFIED FLYING SCHEDULE

[231FS] [VERSION 1] [02 JUL 84]

SEARCH CURRENCY: 2 OCT 1984-1132Z
 SEARCH DATA CURRENCY: DTGZ
 ILO: 10 JAN 1984-1100Z

NO		DATE		MISSION		SCHEDULE		CONFIG		CALL		TIME		REMARKS		SERV		VERSION	
NO	NO	MO	DA	NO	NO	PR	ALT	UT	LAD	OUR	CONF	STN	CALL	TIME	TIME	TIME	TIME	TIME	TIME
001	002	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01
002	003	01	02	01	02	01	02	01	02	01	02	01	02	01	02	01	02	01	02
003	004	01	03	01	03	01	03	01	03	01	03	01	03	01	03	01	03	01	03
004	005	01	04	01	04	01	04	01	04	01	04	01	04	01	04	01	04	01	04
005	006	01	05	01	05	01	05	01	05	01	05	01	05	01	05	01	05	01	05
006	007	01	06	01	06	01	06	01	06	01	06	01	06	01	06	01	06	01	06
007	008	01	07	01	07	01	07	01	07	01	07	01	07	01	07	01	07	01	07
008	009	01	08	01	08	01	08	01	08	01	08	01	08	01	08	01	08	01	08
009	010	01	09	01	09	01	09	01	09	01	09	01	09	01	09	01	09	01	09
010	011	01	10	01	10	01	10	01	10	01	10	01	10	01	10	01	10	01	10
011	012	01	11	01	11	01	11	01	11	01	11	01	11	01	11	01	11	01	11
012	013	01	12	01	12	01	12	01	12	01	12	01	12	01	12	01	12	01	12
013	014	01	13	01	13	01	13	01	13	01	13	01	13	01	13	01	13	01	13
014	015	01	14	01	14	01	14	01	14	01	14	01	14	01	14	01	14	01	14
015	016	01	15	01	15	01	15	01	15	01	15	01	15	01	15	01	15	01	15
016	017	01	16	01	16	01	16	01	16	01	16	01	16	01	16	01	16	01	16
017	018	01	17	01	17	01	17	01	17	01	17	01	17	01	17	01	17	01	17

PREC 1 OF 2

PREC KEY

PREC FWD

PREC REV

PREC 1 OF 2

PREC FWD

PREC REV

PREC COPY

PREC COPY

SCREEN TITLE: FLYING SCHEDULE (MAINTENANCE)

SCREEN NUMBER: WG.CAP. .T2

This screen contains a variation of the information portrayed on the Operations Flying Schedule (FORM 438).

SCREEN PURPOSE:

Display those tasked missions which have been accepted by the Wing in a modified format for a flying schedule that provides maintenance information.

USER:

PRIMARY: Maintenance Operations Center

SUPPORTING:

Senior Battle Staff
Mission Director
Tactical Fighter Squadron
Aircraft Maintenance Unit
Fuels Control
Munitions Control
Frag Shop

SCENARIO:

The Frag Shop entered the ATO tasking data into the system, determined the Wing's capability to do the task, and now is ready to build the schedule. Maintenance will use this version to input the aircraft numbers.

CLASSIFICATION:

This product is UNCLASSIFIED.

ASSUMPTIONS: None.

DATA SOURCE:

The Frag Shop will enter the schedule data into the AFIRMS. The Maintenance Operations Center will enter the aircraft numbers and remarks.

RELATED SCREENS:

Mission Flow (with scheduled missions)
Tasking Information

DISPLAY SCREEN FEATURES: (See Product Display Screen Features, page 3-8.)

Paging and scrolling
Full screen editor
Data change indicator

DISPLAY SCREEN FUNCTION KEYS: (See Product Display Function Keys Description, page 3-9.)

Keys no. 1, 2, 4-7, and 9-16.

RECOMMENDED CHANGES:

- a. The changes recommended for the Operations Flying Schedule product also apply to this product.
- b. With horizontal paging and/or scrolling, this product can be combined with the Operations version.

DATA ELEMENTS:

Element Name	DRD #	Element Name	DRD #	Element Name	DRD #
Aircraft MDS	11C	Sortie Actual Take-Off Time	50G	Flying Schedule RD ID	89E
Aircraft Tail Number	11P	Sortie Actual Land Time	50H	Flying Schedule CM	89F
Primary Mission Type Assigned	15D	Sortie Actual Flight Duration	50I	Flying Schedule SOF	89G
Alternate Mission Type	15P	Schedule Deviation Code	50L	Flying Schedule RSU	89H
Sortie Sequence Number	50A	Maintenance Remarks	50N	Flying Schedule SLO	89J
Sortie Assigned Call Sign	50B	Sortie Assigned Configuration Type	50ON	Flying Schedule SQS	89K
Sortie Turn Number	50C	Unit Name - Schedule	89A	Flying Schedule Base Code	89L
Sortie Assigned Take-Off Time	50D	Flying Schedule Date	89B	Flying Schedule Time Reference	89M
Sortie Expected Land Time	50E	Flying Schedule Day	89C	Aircraft MDS Covered	90A
Sortie Expected Flight Duration	50F	Flight Section	89D	Version Number of Schedule	

PARAMETER SELECTION SCREEN:

FLYING SCHEDULE (MAINTENANCE) PARAMETER SCREEN

ENVIRONMENT:	PEACE	EXERCISE	CRISIS	PAGE 1 of 1
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1. UNIT DESIGNATION

2. SCHEDULE VERSION
1

3. SCHEDULE DATE
02-JUL-85

Choose a minimum
1 value and a
maximum of 1.

23TFS
81TFS
480TFS

DISPLAY PRODUCT		RETURN TO TOP MENU	RETURN PREVIOUS MENU	HELP	↑
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KEY # 1 2 3 4 5 6 7 8

1ST ARRAY OF PARAMETER SCREEN KEYS

←	PAGE REVERSE	FULL PG	PAGE FORWARD	SELECT PARAM VALUE	DELETE PARAM VALUE	ENTER PARAM VALUE
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KEY # 9 10 11 12 13 14 15 16

2ND ARRAY OF PARAMETER SCREEN KEYS

34721

10/11-116

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34721



10/11-118



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DTIC

9-86