(This reprint includes change one)

DoD 5010.15.1-M
VOLUME IX

STANDARDIZATION OF WORK MEASUREMENT

Defense Work Measurement Standard Time Data Program

VOLUME IX
MISCELLANEOUS OCCUPATIONS (TRANSPORTATION, PACKAGING, MATERIALS HANDLING...)

January 1977

DEPARTMENT OF DEFENSE
DEFENSE INDUSTRIAL RESOURCES SUPPORT OFFICE
CAMERON STATION
ALEXANDRIA, VIRGINIA 22314

DIRSO
1 Dec 77

IN REPLY
REFER TO

CHANGE NO. 1
DOD 5010.15.1-M

STANDARDIZATION OF WORK MEASUREMENT
MISCELLANEOUS OCCUPATION

I. DoD 5010.15.1-M, Volume IX, 1 January 1977, is changed as follows:

A. Page v: After Part Two, Section I

1. Line 6: Delete "three" and substitute "four".
2. Add the following paragraph:

The Action Verb Index which is an alphabetical listing of the "title"line of the operation/element description sequenced by the Action Verb, page D-1 thru D-21.

B. Page headed Occupation Code Index

1. Line 20: Delete "170" and substitute "169".
2. Line 24: Delete "225" and substitute "223".
3. Line 28: Delete "225" and substitute "224".
4. Add the page number A-1 at bottom of page.

C. Pages B-15 thru B-23: Change all page numbers from 133 up to reflect one lower number (i.e., 135 is changed to 134).

D. Pages C-1 thru C-23: Change all page numbers from 133 up to reflect one lower number (i.e., 179 is changed to 178).

E. Add page D-1 thru D-21 after page C-23

II. This change is an administrative correction of error and an addition of a verb index for the elements published in this volume.

III. This change sheet will be filled in front of the publication for reference purposes, after changes have been made.

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INSTALLATIONS AND LOGISTICS

15 Jan 77

FOREWORD

This volume of DoD 5010.15.1-M, "Standardization of Work Measurement", is one of a series published under the authority of DoD Directive 5010.31, Productivity Enhancement, Measurement, and Evaluation. It provides standard time data for Miscellaneous Occupations as classified by Department of Labor codes and includes guidelines for uniform application.

Maximum use of the guidelines and standard time data is mandatory at each Department of Defense activity where Labor Performance Standards are developed and applied.

All of the included standard time data have been reviewed and approved by a Joint Service/Agency Standard Time Data Group prior to publication.

Richard J. Power

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Director
Defense Industrial Resources
Support Office

DISTRIBUTION
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This DoD manual supersedes DoD 5010.15.1-M, Volume IX, 1 Aug 74.

STANDARD TIME DATA
FOR
MISCELLANEOUS OCCUPATIONS

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DEFENSE WORK MEASUREMENT STANDARD TIME DATA PROGRAM (DWMSTDP)

MISCELLANEOUS OCCUPATIONS

PART ONE - GUIDANCE

CHAPTER I - GENERAL INFORMATION

1.1 PURPOSE

This volume of Miscellaneous Occupations Standard Time Data is one of ten volumes of standard time data in the 11 volume series included in DWMSTDP. Miscellaneous Occupations as categorized by the Department of Labor includes those occupations concerned with transportation services (surface, water and air); materials handling, packaging and warehousing; utilities; amusement, recreation and motion picture services; mining and logging; graphic arts; and various other activities. This volume provides a single DoD source for Standard Time Data elements which can be used in the development of labor standards for:

1.1.1 Organizations, activities or functional areas whose primary mission correlates to miscellaneous occupations, e.g., surface, water and air transport and terminal operations; packaging or packing; materials handling, warehousing.

1.1.2 Miscellaneous type operations which are accomplished in organizations, activities or functional areas with primary missions not correlated to Miscellaneous Occupations, e.g., packagers or material handlers assigned to maintenance or machine shops.

1.1.3 Elements of work performed by personnel whose primary job is other than Miscellaneous but who may actually do that type work as part of their job, e.g., a machinist attaching and operating a hoist to a part being machined, (materials handling), a mechanic unpacking a part to be installed, (packaging), or a construction worker handling materials, (materials handling).

1.2. SCOPE

This publication applies to all military services and defense agencies. The data contained herein will be used to the maximum extent practicable in the development of labor performance standards in compliance with DoD Directive 5010.31.

1.3 APPLICATION

The Miscellaneous Occupations Standard Time Data contained in this volume must be applied in accordance with the general instructions contained in the Basic Volume and the specific instructions contained in this volume.

The data should be used in conjunction with the standard storage and materials handling methods provided in Volume II of the Joint Storage and Materials Handling Manual (TM 743-200/NAVSUP PUB 284/AFM67-3/NAVMC 1101/DSAM 4145.1). These are considered the minimum acceptable methods. Where more modern or improved facilities or equipment permit more effective methods, the improved method is used.

1.4 SUBMISSION OF NEW ELEMENTS

All newly developed or existing Miscellaneous Occupations Standard Time Data element(s) not now included herein will be submitted with back-up motion pattern analysis to the Defense Industrial Resources Support Office (DIRSO) for review and possible inclusion in the updating changes to this volume. The Basic Volume contains procedures for submitting this input.

CHAPTER II - CODING

2.1 GENERAL

The complete coding structure for a Defense Work Measurement Standard Time Data element is explained in the Basic Volume. Figure 1 highlights the Occupation Code, Work Category Code, and the Work Sub-Category Code of a Miscellaneous element.

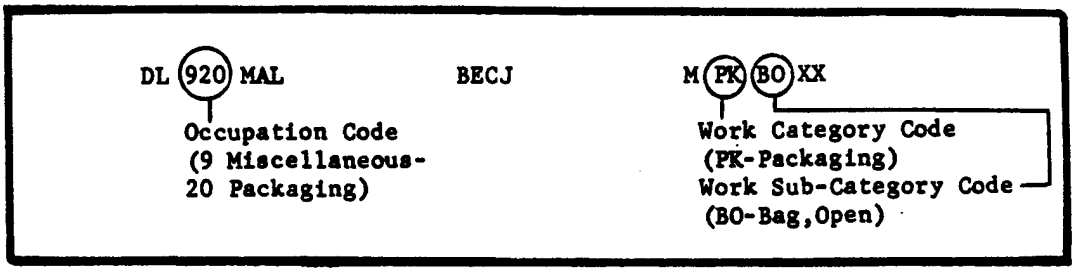

Figure 1. - DWMSTDP Coding Structure

2.2 TYPES OF CODES

2.2.1 Occupation Codes

The Occupation Codes for standard time data elements in this volume conform to the numeric codes of Miscellaneous Occupations listed in the U.S. Department of Labor Dictionary of Occupational Titles. All Department of Labor Miscellaneous Occupations are shown in Figure 2. Figure 3 identifies the work ascribed to the specific occupations contained in this volume.

2.2.2 Work Category Code

The two position Work Category Code encircled in Figure 1 further identifies the various types of work performed within the occupation groups. This classification category indicates the major action being performed or major equipment involved in the standard time data element. Figure 4 lists and defines the work categories used in coding Miscellaneous Occupations standard time data.

2.2.3 Work Sub-Category Code

The two position Work Sub-Category Code encircled in Figure 1 is a sub-division of the Work Category Code and identifies the object, process, or condition associated with

the action or equipment. This code is generally oriented to a noun-verb relationship, e.g., BO is the code for "Bag,Open" in the element description header line. However, if the noun-verb sequence in the element code causes a duplication of the code, the sequence has been modified. The noun-verb sequence will remain in the verbage of the element title whenever possible.

2.2.4 Special and Task Level Case Codes

Several . . the Special (S) and Task (K) level elements are coded in a Constant and Variable (Con and Var) time format to provide the flexibility needed for local use. In these elements the DEC includes an X in the sixth position and either an alpha or numeric symbol in the seventh position, (e.g., KSHCLXA). In the subordinate Cases the sixth position is coded with either a numeric to indicate a constant time case (KSHCL1A) or an alpha to indicate a variable time case (KSHCLAA or KSHCLBA).

2.3 Job Level Formats

Job level formats are provided to assist in the local development and application of job standards.

2.4 Fundamental Elements

Every occupation includes general purpose elements such as get, place, read or write which are fundamental to each occupation but not specific to any one. These elements are called "Universal" and are contained in Volume X - Universal Standard Time Data.

9 - MISCELLANEOUS OCCUPATIONS

(MISCELLANEOUS WORK)

90 Motor Freight Occupations
(Motor Freight Transportation)

900. Concrete-mixing truck drivers
(Concrete-mixing-truck driving)
902. Dump-truck drivers
(Dump-truck driving)
903. Truck drivers, inflammables
(Truck driving, inflammables)
904. Trailer-truck drivers
(Trailer-truck driving
905. Truck drivers, heavy
(Heavy truck driving)
906. Truck drivers, light
(Light truck driving)
909. Motor freight occupations, n.e.c.
(Motor freight transportation, n.e.c.)

91 Transportation Occupations, N.E.C.
(Transportation Work, N.E.C.)

910. Railroad transportation occupations
(Railroad transportation)
911. Water transportation occupations
(Water transportation)
912. Air transportation occupations
(Air transportation)
913. Passenger transportation occupations, n.e.c.
(Passenger transportation, n.e.c.)
914. Pumping and pipeline transportation occupations
(Pumping and pipeline transportation)
915. Attendants and servicemen, parking lots and service facilities
(Parking lot and related service work)
919. Miscellaneous transportation occupations, n.e.c.
(Miscellaneous transportation work, n.e.c.)

92 Packaging and Materials Handling Occupations
(Packaging and Materials Handling)

920. Packaging occupations
(Packaging)
921. Hoisting and conveying occupations
(Hoisting and conveying)

Figure 2 - Miscellaneous Occupations Codes

922. Occupations in moving and storing materials, n.e.c.
(Materials moving and storing, n.e.c.)
929. Packaging and materials handling occupations, n.e.c.
(Packaging and materials handling, n.e.c.)

93 Occupations in Extraction of Minerals
(Extraction of Minerals)

930. Boring, drilling, cutting, and related occupations
(Boring, drilling, cutting, and related work)
931. Blasting Occupations
(Blasting)
932. Loading and conveying occupations
(Loading and conveying)
933. Crushing occupations
(Crushing)
934. Screening and related occupations
(Screening and related work)
939. Occupations in extraction of minerals, n.e.c.
(Extraction of minerals, n.e.c.)

94 Occupations in Logging
(Logging)

940. Timber cutting and related occupations
(Timber cutting and related work)
941. Log inspecting, grading, scaling, and related occupations
(Log inspecting, grading, scaling, and related work)
942. Log sorting, gathering, storing, and related occupations
(Log sorting, gathering, storing, and related work)
949. Occupations in logging, n.e.c.
(Logging, n.e.c.)

95 Occupations in Production and Distribution of Utilities
(Production and Distribution of Utilities)

950. Stationary engineers
(Stationary engineering)
951. Firemen and related occupations
(Firing and related work)
952. Occupations in generation, transmission, and distribution of electric light and power
(Generation, transmission, and distribution of electric light and power)
953. Occupations in production and distribution of gas
(Production and distribution of gas)
954. Occupations in filtration, purification, and distribution of water
(Filtration, purification, and distribution of water)
955. Occupations in disposal of refuse and sewage
(Refuse and sewage disposal)

Figure 2 - Miscellaneous Occupations Codes (Continued)

956. Occupations in distribution of steam
(Distribution of steam)
957. Occupations in transmissions of communications, n.e.c.
(Transmission of communications, n.e.c.)
959. Occupations in production and distribution of utilities, n.e.c.
(Production and distribution of utilities, n.e.c.)

96 Amusement, Recreation, and Motion Picture Occupations, N.E.C.
(Amusement, Recreation, and Motion Picture Work, N.E.C.)

960. Motion picture projectionists
(Motion picture projecting)
961. Model and stand-ins, n.e.c.
(Modeling and related work, n.e.c.)
962. Occupations in production of motion pictures, n.e.c.
(Motion picture production, n.e.c.)
963. Occupations in radio and television production, n.e.c.
(Radio and television production, n.e.c.)
964. Occupations in theatrical and related entertainment production, n.e.c.
(Theatrical and related entertainment production, n.e.c.)
969. Miscellaneous amusement, recreation, and motion picture occupations, n.e.c.
(Miscellaneous amusement, recreation, and motion picture work, n.e.c.)

97 Occupations in Graphic Art Work
(Graphic Art Work)

970. Art work occupations, brush, spray or pen
(Art work, brush, spray or pen)
971. Photoengraving occupations
(Photoengraving)
972. Lithographers and related occupations
(lithography and related work)
973. Hand compositors, typesetters, related occupations
(Hand composition, typesetting, and related work)
974. Electrotypers and related occupations
(electrotyping and related work)
975. Stereotypers and related occupations
(Stereotyping and related work)
976. Darkroom occupations, n.e.c.
(darkroom work, n.e.c.)
977. Bookbinders and related occupations
(Bookbinding and related work)
979. Occupations in graphic art work, n.e.c.
(Graphic art work, n.e.c.)

n.e.c. - not elsewhere classified

Figure 2 - Miscellaneous Occupations Codes (Continued)

DWMSTDP MISCELLANEOUS OCCUPATIONS CODES

Code	Occupation	Work Description
904	Trailer Truck Driver (Trailer Truck Driving)	Driving semitrailer or full-trailer trucks to transport cargo.
910	Railroad Transportation Occupations (Railroad Transportation)	Transporting passengers and freight by controlling movement of trains, trolleys, and railway vehicles; collecting fares from passengers and giving information; supply fuel; adjusting alignment of tracks; signaling operational information; shifting railway cars in classification yards; cleaning and lubricating equipment; and related activities.
920	Packaging Occupations (Packaging)	Assembling containers; pouring and placing materials and products into containers, covering articles or goods with cellophane, paper and/or other wrapping materials; cleaning, closing, labeling, stenciling, and stacking articles and containers; and operating or tending, filling, packing or wrapping machines.
921	Hoisting and Conveying Occupations (Hoisting and Conveying)	Lifting and moving materials, machines, and products using power-operated cranes, hoists, winches, conveyors, and/or industrial trucks; attaching ropes, chains, slings, or other devices to objects being moved; signaling machine operators and guiding moving loads; and related activities.
922	Occupations in Moving and Storing Materials, n.e.c. (Moving and Storing Materials)	Loading and moving materials and products, using handtrucks or wheelbarrows; shoveling, carrying, sorting, and stacking materials and products; and stock checking or records keeping.
929	Packaging and Materials Handling Occupations, n.e.c. (Packaging and Materials Handling)	Packaging and materials handling not elsewhere classified.

n.e.c. - not elsewhere classified

Figure 3 - Work Description of DWMSTDP Miscellaneous Occupations Codes

DWMSTDP MISCELLANEOUS OCCUPATIONS CODES

Code	Occupation	Work Description
972	Lithographers and Related Occupations (Lithography and Related Work)	Lithographers and Related Occupations This group includes occupations concerned with reproducing line or continuous tone copy on stone, metal, plastic, glass, or other media by photographic or other means of transferring images to make plates used in lithographic or offset printing processes.
976	Darkroom Occupations, n.e.c.	This group includes occupations, not elsewhere classified, concerned with photographing flat copy; enlarging or reducing copy by projection printing; contact printing; developing and fixing negatives, positives, and prints; developing and printing still or motion-picture black-and-white or color film; toning, dodging, or otherwise controlling resulting prints; and mixing small batches of photographic chemicals for immediate use.

n.e.c. - not elsewhere classified

Figure 3 - Work Description of DWMSTDP Miscellaneous Occupations Codes (Continued)

MISCELLANEOUS OCCUPATIONS WORK CATEGORY CODES

Work Category	Code	Definition
Actuate	AC	Manual manipulation of an object for engaging, disengaging, starting or stopping a device. (Examples: crank, dial, set with knob, move lever.) The process of manipulating an object by cranking, turning, or moving through a fixed part. Putting something else in action by handling a switch or control.
Body Motion	BM	Gross foot, leg, and body movement (other than basic manual and eye motions). (Examples: leg motion, horizontal change, sit and stand, vertical change, walk.)
Calculate	CA	The processes and motions involved in calculating machine computations.
Clean	CL	The removal of foreign matter by chemical, mechanical, or manual process. (Examples: ultrasonic cleaning, abrasive cleaning, use of solvent, rubbing, wiping, sweeping.)
Clamp	CP	The actions required to accomplish the nonmanual holding of object(s) with a clamp when required for repairing, modifying, manufacturing or assembly operations (Examples: "C", cleco, spring, hose, cable, conduit clamps, etc.)
Dip	DP	Motions necessary to dip or immerse an object in liquid or paste and/or remove excess. (Examples: dip brush, cloth, stick, parts, dip hand, finger.)
Equipment - Materials Handling	EH	The operation or preparation for operation of any mobile powered materials handling equipment to transport material from one location to another. (Examples: forklift truck, crane, straddle truck, warehouse tractor/trailer, cargo transporter.)

Figure 4 - Major Categories of Work Used in Coding Miscellaneous Occupations Data.

MISCELLANEOUS OCCUPATIONS WORK CATEGORY CODES

Work Category	Code	Definition
Equipment-Transport Vehicle	EV	The operation or preparation for use of any powered over-the-road transport vehicle for transportation of personnel or cargo. (Examples: automobile, bus, pickup truck, truck trailer, and railcar.)
File	FL	The motions necessary to locate, place, remove or partially remove and replace cards, documents and folders at file location.
Gauge and Measure	GM	The procedure by which the size, amount extent, or capacity of an item is determined. (Examples: bisect, gauge, square, weigh.)
Identify	ID	The process and motions required to stamp, tab, label, or mark documents, cards, folders, or objects to provide for locating, recognizing, or comparing. The actions necessary to recognize, match, or compare similar characteristics.
Inspect and Test	IT	The procedure or action by which an item is subjected to comparisons or measurements to determine its qualities for use. (Examples: use of bore indicating gauge, use of feeler gauge, use of micrometers, eye times, check mandrel for run-out.)
Job Preparation	JP	The actions required to prepare an object(s), work place, or employee(s), or any combination of the three for ensuing work. NOTE: Excluded from this category are layout, packaging, and machine setup.
Materials Handling Devices	MH	The process of locating relocating, positioning, and aligning mechanical devices such as conveyors, pallet jacks, hoists, carts, slings, etc., for the purpose of moving objects or moving the device out of the way.
Machine Time	MT	The elapsed time for a machine which is under the command of an operator, operating under

Figure 4 - Major Categories of Work Used in Coding Miscellaneous Occupations Data (Continued)

MISCELLANEOUS OCCUPATIONS WORK CATEGORY CODES

Work Category	Code	Definition
Machine Time (Continued)	MT	automatic control, to complete an operation necessary to a product. (Example: lower/ raise pallet pit platform - 66.7 TMU/FT.)
Non-threaded Fastener	NF	The permanent or semi-permanent holding or locking of mating objects by other than threads or clamping actions.
Object Handling	OH	The process of manually moving an object for the purpose of changing its location or alignment. The movement path may or may not be fixed.
Paper Handling	PH	The processes and motions involved in the securing, movement, placement and alignment of paper, cards, sheets, etc.
Package	PK	Preparing an object for shipping or storing or removing object from shipping or storing condition.
Process Time	PT	The interval of time made up of a combination of manual and machine time components, so integrated that it would be impossible or impractical to separate and analyze them with MTM. Process time may be obtained by stopwatch, manufacturers' specs or formulae.
Receiving	RC	The physical handling and movement of inbound material from a carrier to consolidation breakdown area or storage, including removal of blocks, braces, tie downs, shoring and other actions that are necessary to receive material. Elements in this work category are primarily at the task (K) and job (J) levels and are generally composed of a number of lower level elements in other occupational or work categories that, when combined, make up the receiving operation.
Shipping	SH	The physical handling and movement of material from storage or packing onto an outbound carrier or transportation container and includes installing blocks, braces, tie downs, shoring and the performance of other operations that are necessary to ship material.

Figure 4 - Major Categories of Work Used in Coding Miscellaneous Occupations Data (Continued)

MISCELLANEOUS OCCUPATIONS WORK CATEGORY CODES

Work Categories	Code	Definition
Shipping (Continued)	SH	Elements in this work category are primarily at the task (K) and job (J) level and are generally composed of a number of lower level elements in other occupational or work categories that, when combined, make up the shipping operation.
Surface Treatment	ST	The application of chemicals to an object when the predominant purpose is to change the composition of its surface.
Tool, Use, Hand Operated - Man-powered	TL	The use or preparation for use of any non-powered implement, instrument or utensil held in the hand and used for cutting, hitting, digging, rubbing, etc. (Examples: knife, saw, hammer, shovel, rake, prybar, needle for sewing.)
Tool, Use, Hand Held - Powered	TP	The use or preparation for use of any hand held tool which derives its primary power for operation from a source other than the operator or user. (Examples: electric portable saw, portable pneumatic wrench.)
Write	WR	Writing or freehand printing numbers, letters, or punctuation of average readable quality and normal size or less than 1" height. (Examples: write letter-longhand, punctuate, write signs.)

Figure 4 - Major Categories of Work Used in Coding Miscellaneous Occupations Data (Continued)

per Change 1, 1 Dec 77

DEFENSE WORK MEASUREMENT STANDARD TIME
DATA PROGRAM (DWMSTDP)

MISCELLANEOUS OCCUPATIONS

PART TWO - STANDARD TIME DATA

SECTION I - INDEXES

per Change 1, 1 Dec 77

This provides four indexes as follows:

The Occupation Code Index which includes the page location for each Code in both the Element Index and the Element Listing, Page A-1.

The DWMSTDP Element Index which is sequenced according to the DWMSTDP Element Code, pages B-1 through B-20.

The Noun/Verb Index which is an alphabetical listing of the "title" line of the operation/element description, pages C-1 through C-20.

The Action Verb Index which is an alphabetical listing of the "title" line of the operation/element description sequenced by the Action Verb, page D-1 thru D-21.

OCCUPATION CODE INDEX

Code	Occupation	DWMSTDP Element Index Page	DWMSTDP Element Listing
904	Trailer Truck Driver (Trailer Truck Driving)	B-1	1
910	Railroad Transportation Occupations (Railroad Transportation)	B-1	2
920	Packaging Occupations (Packaging)	B-3	9
921	Hoisting and Conveying Occupations (Hoisting and Conveying)	B-9	58
922	Occupations in Moving and Storing Materials, n.e.c. (Moving and Storing Materials)	B-11	88
929	Packaging and Materials Handling Occupations, n.e.c. (Packaging and Materials Handling)	B-15	169
972	Lithographers and Related Occupations (Lithography and Related Work)	B-23	223
976	Darkroom Occupations, n.e.c. (Darkroom Work, n.e.c.)	B-23	224

DEFENSE WORK MEASUREMENT STANDARD TIME DATA
ELEMENT INDEX

OCCUP-ATION	QUALITY	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION	PAGE
904	MAL	MEVTMXX	VARIABLE	TRAILER(VAN OR STAKE),MOUNT/DISMOUNT	1
904	MAL	MJPCC01	229	CABLE(ELECTRICAL),CONNECT TO TRAILER	
904	MAL	MJPCD01	166	CABLE(ELECTRICAL),DISCONNECT FROM TRAILER	
904	MAL	MJPDPXX	VARIABLE	WHEELS,(SEMI-TRAILER,DOLLY),POSITION	
904	MAL	MJPHC01	561	HOSE(AIR BRAKE),CONNECT TO TRAILER	
904	MAL	MJPHD01	515	HOSE(AIR BRAKE),DISCONNECT FROM TRAILER	
904	MAL	MJPLR01	64	LOCK PIN(FIFTH WHEEL),RELEASE	2
910	MAF	MCLPC01	139	PLATE(TIE),CLEAN WITH BROOM	
910	MAF	MCPCP01	89	CLAMP(C-TYPE),PLACE ON RAIL FLANGE	
910	MAF	BGMBG01	105	BAR(GAUGE),GET FROM ALIGNING POSITION	
910	MAF	MGMBP01	124	BAR(GAUGE),PLACE ON RAILS	
910	MAF	MGMRG01	126	ROD(GAUGE),GET FROM BESIDE TRACK	
910	MAF	MGMRM01	146	ROD(GAUGE),MOVE FROM LAST LOCATION PLACED TO NEXT LOCATION TO PLACE	
910	MAF	MGMRM02	107	RAIL,MARK FOR CUTTING	
910	MAL	MGMRP01	188	ROD(GAUGE),PLACE ON RAIL FLANGE	
910	MAF	MITRA01	483	RAIL,ALIGN BY SIGHTING	
910	MAF	BOHPG01	83	PLUG(RAIL SPIKE HOLE),GET AND PLACE IN HOLE	3
910	MAF	BOHPR01	119	PLATE(TIE),REMOVE AND ASIDE	
910	MAF	BOHSP01	80	SPIKE,POSITION IN SPIKE HOLE	
910	MAF	BOHTD01	204	TIE,DRAG UNDER RAIL	
910	MAF	BOHTS01	114	TIE(NEW),SLIDE UNDER RAIL	
910	MAF	MOHAG01	146	ANCHOR,GET AND PLACE UNDER RAIL	
910	MAF	MOHAR01	122	ANCHOR,REMOVE FROM UNDER RAIL,ASIDE	
910	MAF	MOHBA01	107	BAR(JOINT),ASIDE(FOR RE-USE)	
910	MAF	MOHBG01	128	BAR(JOINT),GET AND PLACE ON RAIL	
910	MAF	MOHBO01	114	BOLT,OBTAIN AND POSITION	
910	MAF	MOHPG01	165	PLATE(TIE),GET AND PLACE UNDER RAIL	4
910	MAF	MOHPG02	130	PLATE(TIE),GET AND POSITION ON RAIL	
910	MAF	MOHPP01	204	PLATE(TIE),PULL FROM UNDER RAIL,ASIDE	
910	MAF	MOHSOXX	VARIABLE	SPIKES,DISTRIBUTE	
910	MAF	SOHHL01	150	HARDWARE,LOAD ON HANDCAR ALONG RIGHT OF WAY	
910	MAF	SOHHL02	221	HARDWARE,LOAD ONTO HANDCAR OR UNLOAD FROM OR TO STORAGE	
910	MAF	SOHHU01	98	HARDWARE,UNLOAD HANDCAR ALONG RIGHT OF WAY	
910	MAF	BTLAT01	118	TIE,ALIGN TO RAIL WITH TONGS	
910	MAF	BTLBA01	92	BAR(CLAW),ALIGN WITH SPIKE	5

DEFENSE WORK MEASUREMENT STANDARD TIME DATA
ELEMENT INDEX

OCCUPATION	QUALITY	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION	PAGE
910	MAF	BTLBDXX	VARIABLE	BAR(CLAW),DRIVE ON SPIKE WITH MAUL	5
910	MAF	BTLBL01	84	BAR(JOINT),LOOSEN WITH SPIKE MAUL	
910	MAF	BTLBP01	120	BAR(CLAW),PLACE ON SPIKE	
910	MAF	BTLBP02	72	BAR(CLAW),PLACE ON FOUR BALL PULLER	
910	MAF	BTLBR01	84	BOLT,REMOVE WITH MAUL BLOW	
910	MAF	BTLBS01	83	BOLT,SEAT WITH HAMMER BLOWS	
910	MAF	BTLNS01	191	NUT,SEAT WITH WRENCH AND REMOVE WRENCH	
910	MAF	BTLPP01	153	PULLER(FOUR BALL),PLACE ON SPIKE	
910	MAF	BTLPR01	28	PULLER(FOUR BALL),REMOVE FROM CLAW BAR	
910	MAF	BTLRB01	53	BALLAST,REMOVE WITH PICK	6
910	MAF	BTLRJ01	46	RAIL,JACK	
910	MAF	BTLSD01	67	SPIKE,DRIVE WITH MAUL	
910	MAF	BTLSPXX	VARIABLE	SPIKE,PULL WITH CLAW BAR OR PULLER	
910	MAF	BTLSS01	123	SPIKE,SET WITH MAUL	
910	MAF	BTLTA01	162	TOOL,ASIDE TO ROADBED	
910	MAF	BTLTG01	117	TIE(NEW),GET WITH TONGS	
910	MAF	BTLTL01	424	TIE,LOOSEN WITH BAR	
910	MAF	BTLTM01	151	TIE(OLD),MOVE ASIDE WITH TONGS	
910	MAF	BTLTO01	179	TOOL,OBTAIN FROM ROADBED	7
910	MAF	BTLTP01	91	TONGS,PLACE ON TIE(RAILROAD)	
910	MAF	BTLTR01	76	TONGS,RELEASE FROM TIE(RAILROAD)	
910	MAF	BTLWM01	44	WRENCH,MOVE TO NUT	
910	MAF	MTLBR01	89	BALLAST,REMOVE FROM END OF TIE WITH SHOVEL	
910	MAF	MTLBR02	83	BALLAST,REMOVE EXCESS FROM TIE SPACE	
910	MAF	MTLHP01	93	HANDLE(JACK),PICK UP	
910	MAF	MTLHP02	75	HANDLE,PLACE IN JACK	
910	MAF	MTLJG01	101	JACK,GET FROM UNDER RAIL	
910	MAF	MTLJPXX	VARIABLE	JACK,PLACE UNDER RAIL AND TIGHTEN	8
910	MAF	MTLJR01	155	JACK,RELEASE FROM RAIL	
910	MAF	MTLLG01	96	LEVEL,GET FROM RAIL	
910	MAF	MTLLP01	120	LEVEL,PLACE ON RAIL	
910	MAF	MTLNT01	98	NUT,TURN WITH WRENCH	
910	MAF	MTLPS01	192	PLUG(RAIL S E HOLE),SET AND DRIVE	
910	MAF	MTLRA01	221	RAIL,ADJUST TO GAUGE WITH BAR	
910	MAF	MTLTRXX	VARIABLE	TIE(RAILROAD),RAISE WITH PINCH BAR	
910	MAF	BTPNR01	39	NUT SETTER,REMOVE FROM NUT	

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910	MAF	MTPNP01	68	NUT SETTER,PLACE HEAD ON NUT	9
910	MAF	MTPNT01	39.	NUT,TURN DOWN,SEAT WITH NUT SETTER	
920	MAL	MDPCA01	1241	COMPOUND(STRIPPABLE),APPLY(SINGLE DIP)	
920	MAL	MDPCA02	1232	COMPOUND(STRIPPABLE),APPLY(DOUBLE DIP)	
920	MAL	MDPCDXX	VARIABLE	CONTAINER,DIP	
920	MAL	MDPID01	475	ITEM,DIP IN MOLTEN COMPOUND(SINGLE DIP)	
920	MAL	MFLIL01	636	INFORMATION(P AND P METHODS),LOCATE FROM CARD FILE AND MANUAL	
920	MAL	MGMCP01	1648	PALLET,CHECK CONFIGURATION	10
920	MAL	MGMCW01	499	CONTAINER(LIGHT PACK),WEIGH	
920	MAL	MGMCW02	1180	CONTAINER(BULK),WEIGH AND MEASURE	
920	MAL	MGMMM01	94	MATERIAL,MEASURE TO DETERMINE SIZE OF CARTON FOR PACKING	
920	MAL	MGMPC01	1061	PACK,MEASURE AND CUBE	
920	MAL	MIDDAXX	VARIABLE	DECAL OR ENVELOPE(PRESSURE SENSITIVE),APPLY TO SURFACE	
920	MAL	MIDLAXX	VARIABLE	LABEL,ATTACH TO CONTAINER	11
920	MAL	MIDLA05	300	LABEL(PRE-PRINTED ON 1348-1),APPLY	
920	MAL	MIDPI01	501	PRESERVATION AND PACKAGING,IDENTIFY METHOD OF	
920	MAL	MIDPI02	853	PRESERVATION AND PACKAGING(METHOD),IDENTIFY	
920	MAL	MIDPSXX	VARIABLE	PACK,STENCIL	
920	MAL	MIDTAXX	VARIABLE	TAG(SHIPPING),ATTACH	
920	MAL	TIDLAXX	TABLE	LABEL(S),ATTACH TO CONTAINER	12
920	MAL	SIDCS01	3969	CON[illegible],STENCIL	
920	MAL	SIDLSXX	VARIABLE	LABELS,STAMP WITH STENCIL ON ROLL STAMP	
920	MAL	SIDSCX1	CON/VAR	STENCIL,CUT AND APPLY TO AMMUNITION PACK	
920	MAL	SIDTW01	438	TAG OR ENVELOPE,WIRE TO MATERIAL	
920	MAL	MJPCC01	3792	CONEX,CLEAN IN PREPARATION FOR LOADING	13
920	MAL	MJPLP01	466	LINER(PAPER),PLACE IN CONTAINER	
920	MAL	MJPLP02	163	LINER(CARDBOARD),PLACE IN BOX	
920	MAL	MNFCS01	145	CARD/DOCUMENT,STAPLE TO CONTAINER	
920	MAL	MNFDTXX	VARIABLE	DOCUMENT,TAPE TO CONTAINER	
920	MAL	MOHCO01	193	CONTAINER,OBTAIN EMPTY AND ASIDE FULL	
920	MAL	MOHEG01	162	END(CRATE),GET AND INSTALL	
920	TBL	MOHNS01	1852	NETS(CARGO),STRAIGHTEN AND HANG ON RACK	
920	MAL	MOHSB01	102	STRAPPING,BREAK OFF EXCESS	14
920	MAL	MOHSFXX	VARIABLE	STRAP(METAL),FOLD	
920	MAL	MOHSF03	350	STRAPPING,FOLD TO FACILITATE DISPOSAL	

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920	MAL	MOHSGXX	VARIABLE	STRAPPING,GET	14
920	MAL	TOHBOXX	TABLE	BOX,OBTAIN	
920	MAL	TOHBPXX	TABLE	BOX,PLACE ASIDE	15
920	MAL	TOHCTXX	TABLE	CONTAINER,TURN (SLIDE)	
920	MAL	MPHDPXX	VARIABLE	DOCUMENTS(BUNDLE),PLACE OR REMOVE FROM CONTAINER	
920	MAA	MPHDP03	86	DOCUMENT,PLACE INTO PLASTIC PROTECTOR,TO 9X11 INCHES	
920	MAL	MPKAW01	863	BOX(WIREBOUND),ASSEMBLE	16
920	MAL	MPKBA01	1280	BARRIER(MATERIAL),APPLY TO BASE	
920	MAL	MPKBC01	111	BAG(POLY),CLOSE WITH PAPER CLIP(DOCUMENT OR CARD INSIDE)	
920	MAL	MPKBEXX	VARIABLE	BAG(BARRIER),EVACUATE AIR WITH VACUUM	
920	TBL	MPKBF01	3134	BAG(PLASTIC),FIT OVER 463L PALLET OF CARGO	
920	MAL	MPKBGXX	VARIABLE	BOX(WOOD),GET AND ASIDE	
920	MAL	MPKBG04	54	BOX,GET INTO POSITION TO PACK	
920	MAL	MPKBI01	575	BRACES,INSERT IN CONTAINER	
920	MAL	MPKBJXX	VARIABLE	BAG(JIFFY OR PAPER),OPEN(STAPELED)	17
920	MAL	MPKBMXX	VARIABLE	BOX,MOVE TO BANDING MACHINE	
920	MAL	MPKBOXX	VARIABLE	BAG,OPEN AND CLOSE	
920	MAL	MPKB003	603	BAG(PLASTIC-CARGO PROTECTOR),OBTAIN	
920	MAL	MPKBP01	1707	BASE(MOUNTING),PREPARE	
920	MAL	MPKBSXX	VARIABLE	BAG(BARRIER),SEAL	
920	MAL	MPKCAXX	VARIABLE	CUSHIONING,APPLY	18
920	MAL	MPKCB01	410	CONTAINER,BLUNT CORNERS	
920	MAL	MPKCC01	267	CRATE(WIREBOUND),CLOSE FRONT AND BACK	
920	MAL	MPKCC02	1514	CONEX,CLOSE AND SEAL	
920	TCL	MPKCD01	16387	CARGO(PALLETIZED-463L),DE-NET	
920	MAL	MPKCGXX	VARIABLE	CUSHIONING,GET	19
920	MAL	MPKCI01	232	CLIP,INSTALL TO 1 1/4 INCH BANDING	
920	MAL	MPKCI02	57	CLIP,INSTALL TO 5/8 OR 3/4 INCH BANDING	
920	MAL	MPKCL01	121	CONTAINERS,LOAD INTO BOX	
920	MAL	MPKCOXX	VARIABLE	CARTON(SEALED),OPEN	20
920	MAL	MPKCO07	137	CRATE(WIREBOUND),OPEN WITH HAMMER	
920	MAL	MPKCP01	2043	CAP AND SLEEVE,POSITION ON PALLET	
920	MAL	MPKCS01	301	CRATE(WIREBOUND),SECURE WITH WIRE LATCH	
920	MAL	MPKCT01	836	CARTON-OVERWRAP AND TAPE	
920	MAL	MPKCT02	292	CAN(FIBER),CLOSE AND TAPE	

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920	MAL	MPKDA01	416	DESICCANT OR HUMIDITY INDICATOR,ATTACH TO ITEM	20
920	MAL	MPKDG01	250	DESICCANT/INDICATOR,GET FROM DISPENSER	21
920	MAL	MPKDO01	1448	DOOR(CONEX),OPEN AND CLOSE	
920	MAL	MPKDP01	298	DESICCANT OR HUMIDITY INDICATOR,PUT IN BAG OR CONTAINER	
920	MAL	MPKEN01	811	ENVELOPE,NAIL TO CONTAINER	
920	MAL	MPKFA01	2897	FRAMES(SECTIONS),ASSEMBLE(BOX PALLET)	
920	MAL	MPKFS01	537	FRAME(BOX),STAPLE CORNER WITH A SPOTNAILER	
920	MAL	MPKGS01	153	GASKET,SECURE AND SEAL TO PRE-MOUNTED BOLT	
920	MAL	MPKIBXX	VARIABLE	ITEM,WRAP IN BARRIER OR WADDING	22
920	MAL	MPKIIXX	VARIABLE	ITEM,INSERT INTO BAG,PAPER OR JIFFY	
920	MAL	MPKIPXX	VARIABLE	ITEM(SUPPORTED),PLACE IN BAG	
920	MAL	MPKIP04	155	ITEM,PREPARE TO PACKAGE IN OIL PRESERVATIVE	
920	MAL	MPKIS01	87	ITEM,SUPPORT WITH FIBERBOARD	
920	MAL	MPKIWXX	VARIABLE	ITEM,WRAP AND PLACE IN HEAT SEAL BAG	
920	MAL	MPKIW04	313	ITEM,WRAP WITH LOCK-FOLD WRAP	23
920	MAL	MPKIW05	470	ITEM,WRAP AND PLACE IN RIGID CONTAINER	
920	MAL	MPKLAXX	VARIABLE	LIST(PACKING),ATTACH TO CONTAINER	
920	MAL	MPKLM01	245	LID,SEAL TO METAL CONTAINER(MACHINE SEAL)-MANUALLY OPERATED	
920	MAL	MPKLNXX	VARIABLE	LID(WOOD BOX),NAIL CLOSE	
920	MAL	MPKLO01	52	LID(WIREBOUND CRATE),OPEN	
920	MAL	MPKLP01	125	LID,PLACE ON FIBERCAN	
920	MAL	MPKLP02	283	LID AND LOCKING RING,PLACE ON METAL CONTAINER	24
920	MAL	MPKLP03	233	LID,PLACE ON TRIPLE-WALL CONTAINER	
920	MAL	MPKLRXX	VARIABLE	LID(WOOD BOX),REMOVE	
920	MAL	MPKLS01	125	LID,SEAT GASKET,ATTACH TO METAL CONTIANER-MACHINE SEAL	
920	MAL	MPKNO01	1917	NETS(463L PALLET TIEDOWN),OBTAIN AND PLACE	
920	TAL	MPKNPXX	VARIABLE	NETS(CARGO),POSITION AND SECURE ON 463L PALLET	
920	TBL	MPKNR01	16383	NETS(CARGO),REMOVE FROM PALLET(463L)	
920	MAL	MPKOBXX	VARIABLE	BOX(WOOD),OPEN,CLOSE AND NAIL	25
920	MAF	MPKOC01	137	CONTAINER(CARDBOARD),OPEN,STAPLED OR GLUED FLAP	
920	MAF	MPKOC02	184	CONTAINER(CARDBOARD),OPEN	
920	MAL	MPKOTXX	VARIABLE	OVERWRAP,TAPE	
920	MAL	MPKOUXX	VARIABLE	OBJECT(CYLINDRICAL),UNWRAP	
920	MAL	MPKPC01	162	PACKAGE(FIBERBOARD OR BLISTER),CUT	26

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920	MAL	MPKPG01	625	PAPER(SHEET),GET AND POSITION	26
920	MAL	MPKPI01	88	PACKING,INSTALL IN BOX	
920	MAL	MPKPI02	151	PACKING,INSTALL IN BOX	
920	MAL	MPKPP01	473	PROTECTORS(CORNER),POSITION	
920	MAL	MPKPRXX	VARIABLE	PART,REMOVE FROM BOX	
920	MAL	MPKPTXX	VARIABLE	PACK(LEVEL A),TAPE SEAMS AND STENCIL	27
920	MAL	MPKPUXX	VARIABLE	PART,UNPACK/UNWRAP	
920	MAL	MPKPWXX	VARIABLE	PART,WRAP OR PLACE IN OPEN BAG	
920	MAL	MPKPW03	2688	PART(POLISHED SURFACE),WRAP IN PAPER	
920	MAL	MPKRC01	1434	CONTAINER(RIGID METAL),CLOSE AND SEAL	
920	MAL	MPKRS01	1752	SEAL(CONEX),REMOVE,OPEN AND CLOSE DOOR	
920	MAL	MPKSAXX	VARIABLE	STRAP,APPLY TO BOX WITH MACHINE	28
920	MAL	MPKSA03	3800	STRAPS,APPLY TO PALLET	
920	MAL	MPKSFXX	VARIABLE	STRAP(METAL),FOLD	
920	MAL	MPKSPXX	VARIABLE	STRAPPING,POSITION THROUGH PALLET	
920	MAL	MPKSP04	393	STRAPPING,POSITION TO SKIDS	
920	MAL	MPKSRXX	VARIABLE	STRAPPING(5/8 INCH),REMOVE FROM BOX	
920	MAL	MPKTA01	4467	BOX(TRI-WALL),ASSEMBLE TO PALLET	
920	MAL	MPKTF01	167	TAPE,APPLY TO FIBERCAN	29
920	MAL	MPKTG01	77	TAPE(STRIP-ADHESIVE),GET FROM PUSH BUTTON DISPENSER	
920	MAL	MPKTO01	1578	CONTAINER(TRI-WALL),OPEN	
920	MAL	MPKWOXX	VARIABLE	WIREBOUND BOX,OPEN	
920	MAL	TPKBOXX	TABLE	BAG(PAPER AND JIFFY),OPEN AND STAPLE CLOSED	
920	MAL	TPKCAXX	TABLE	CARTON,ASSEMBLE	30
920	MAL	TPKCCXX	TABLE	CARTON,CLOSE AND SEAL	31
920	MAL	TPKCPXX	TABLE	CARTON(EXTERIOR CONTAINER),PACKAGE ITEM AND SEAL	32
920	MAL	TPKIIXX	TABLE	ITEM(S),INSERT AND ALIGN IN CONTAINER	33
920	MAL	TPKMIXX	TABLE	MATERIAL(PACKING),INSERT IN CARTON	
920	MAL	TPKSAXX	TABLE	STRAPPING,APPLY BY HAND	
920	MAA	SPKBB01	15114	BOX(WOOD),BREAK OPEN	34
920	MAL	SPKBCX1	CON/VAR	BOX(TRIPLE WALL),ASSEMBLE/COMPLETE	
920	MAL	SPKBC01	6912	BOX(TRIPLE WALL),ASSEMBLE/COMPLETE	
920	MAL	SPKBJ01	352	BAG(JIFFY),PACK-ON LINE	
920	MAL	SPKBM01	8149	BASE,PREPARE AND MOUNT ITEM WITH HOIST	35
920	MAL	SPKBP01	4680	BOX(WOOD),PREPARE/COMPLETE,OFF LINE/LOW LINE	

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920	MAL	SPKBP02	3242	BOX(WOOD),PREPARE/COMPLETE ON LINE	35
920	MAL	SPKBRXX	VARIABLE	BOX(WOOD,ORIGINAL),REPACK	
920	MAL	SPKBSXX	VARIABLE	BAG,SEAL(HEAT)AND EXHAUST AIR=	
920	MAA	SPKBU01	259	BEARING(IN PLASTIC PACK),UNPACK	36
920	MAL	SPKCA01	37638	CRATE(PREFABRICATED),ASSEMBLE	
920	MAL	SPKCA02	39542	CRATE,ASSEMBLE(OFF LINE/LOW LINE)	
920	MAL	SPKCCXX	TABLE	CARTON(FIBERBOARD),PREPARE AND COMPLETE	37
920	MAL	SPKCC01	2150	CARTON(INTERIOR),COMPLETE AND OVERWRAP	
920	MAL	SPKCC02	22176	CRATE,PREPARE/COMPLETE ON LINE	
920	MAL	SPKCC03	13989	CONEX,PREPARE/COMPLETE FOR LOADING	38
920	MAA	SPKCO01	352	CONTAINER(CYLINDRICAL),OPEN AND UNPACK	
920	MAL	SPKCPXX	VARIABLE	CARTON(INTERIOR CONTAINER),PACKAGE ITEM AND SEAL	
920	MAL	SPKCS01	18208	CONTAINER,STENCIL/LABEL/STRAP=OFF LINE/LOW LINE	39
920	MAL	SPKCS02	6560	CONTAINER,STENCIL/LABEL/STRAP=ON LINE	
920	MAA	SPKCT01	355	CONTAINER PLASTIC),TEAR APART	
920	MAL	SPKCW01	799	CONTAINER(PARCEL POST),WEIGH AND LABEL	
920	MAL	SPKCW02	5165	CONTAINER(BULK),WEIGH,MEASURE AND CUBE	
920	MAL	SPKDP01	1129	DOCUMENT,PROCESS PER CONEX	
920	MAL	SPKDP02	2143	DOCUMENT,PROCESS PER PACK=MULTIPLE LINE ITEM PER PACK	40
920	MAL	SPKDP03	2616	DOCUMENTS,PROCESS PER PACKED AS RECEIVED	
920	MAL	SPKDP04	2616	DOCUMENTS,PROCESS PER LINE ITEM=SINGLE LINE ITEM PER PACK OR MULTIPLE PACKS PER LINE ITEM	
920	MAL	SPKDP05	1763	DOCUMENTS,PROCESS PER LINE ITEM=MULTIPLE LINE ITEMS PER PACK	
920	MAL	SPKDP06	1524	DOCUMENTS(PER BUNDLED OR BANDED ITEMS),PROCESS	
920	MAL	SPKDP07	1664	DOCUMENTS(PER JIFFY BAG PACKED),PROCESS	
920	MAL	SPKIM01	5062	ITEM,PREPARE BASE FOR AND MOUNT WITH HOIST(NO BARRIER)	41
920	MAL	SPKIPXX	TABLE	ITEM,PACKAGE IN INTERIOR AND EXTERIOR CARTON	
920	MAL	SPKIP01	4564	ITEM,PACKAGE IN WOODBOX(FINAL SHIPPING CONTAINER)=WITH HOIST	
920	MAL	SPKIP02	1439	ITEM,PACKAGE IN FIBER CAN,SEAL WITH TAPE	42
920	MAL	SPKIP03	1388	ITEM,PACKAGE IN RIGID CONTAINER=MACHINE SEALED	
920	MAL	SPKIP04	2534	ITEM,PACKAGE IN RIGID CONTAINER=RING SEAL	
920	MAL	SPKIP05	1944	ITEM,PACKAGE IN STRIPPABLE COMPOUND=FOIL WRAP	
920	MAL	SPKIP06	1503	ITEM,PACKAGE IN STRIPPABLE COMPOUND(NO WRAP)	
920	MAL	SPKIP07	1363	ITEM,PACKAGE IN SKIN PACKAGE,VACUUM FORMED WITH CUSHIONING	

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920	MAL	SPKIP08	527	ITEM,PACKAGE IN BLISTER PACKAGE	42
920	MAL	SPKIP10	593	ITEM,PACKAGE IN OIL AND SEAL(MACHINE)	43
920	MAL	SPKIP11	12986	ITEM,PACKAGE IN REUSABLE METAL CONTAINER	
920	MAL	SPKISXX	VARIABLE	ITEM,SEAL IN HEAT SEALED BAG	
920	MAL	SPKIS03	1956	ITEM,SEAL IN HEAT SEALED BAG WITH FIBERBOARD SUPPORT	
920	MAL	SPKMA01	3357	MATERIAL,ATTACH TO SKID	
920	MAL	SPKPF01	318	PACKAGE(BLISTER OR SKIN),FORM	
920	MAA	SPKPIXX	TABLE	PART,INSERT IN CARTON AND SEAL	44
920	MAL	SPKPMXX	VARIABLE	PACK(INTERMEDIATE),MAKE WITH PAPER BAG	
920	MAL	SPKPPXX	TABLE	PACKAGE(METHOD II),PREPARE(INSERT DESICCANT WITH OR WITHOUT HUMIDITY INDICATOR;LABEL)	
920	MAA	SPKPP01	202	PART,PACK IN BAG AND BOX	
920	MAA	SPKPR01	414	PART,REMOVE FROM PAPER AND PLASTIC BAG	45
920	MAA	SPKPR01	474	PART(IN OIL),REMOVE FROM CAN	
920	MAL	SPKPSX1	CON/VAR	PALLET LOAD/TRI-WALL CONTAINER,STENCIL/LABEL/STRAP	
920	MAA	SPKPU01	375	PART(SEALED IN CAN),UNPACK	
920	MAL	SPKSAXX	VARIABLE	STRAPPING,ASSEMBLE TO PALLET	46
920	MAL	SPKSRXX	VARIABLE	STRAPPING AND CARDBOARD,REMOVE FROM PALLET LOAD	
920	MAL	KPKBPXX	VARIABLE	BAG(BARRIER),PACK OR UNPACK	
920	FAL	KPKMCX1	CON/VAR	MATERIAL,CONSOLIDATE ON PALLET-UNITS FOR IMPORT/EXPORT	47
920	MAL	KPKMCX2	CON/VAR	MATERIAL,CONSOLIDATE AND STRAP ON PALLET-UNITS FOR EXPORT/IMPORT	
920	MAL	KPKMCX3	CON/VAR	MATERIAL,CONSOLIDATE IN TRIPLE-WALL BOX-UNITS FOR EXPORT/IMPORT	
920	MAL	KPKMCX4	CON/VAR	MATERIAL,CONSOLIDATE(PACK)IN WOOD BOX-UNITS FOR EXPORT/IMPORT	48
920	FAL	KPKPBX1	CON/VAR	PALLET(463L),BUILD UP AND POSITION FOR MOVEMENT	49
920	MAL	KPKPM01	1511	PACK(INTERMEDIATE-FIBERBOARD),MAKE	
920	MAL	KPKPSX1	CON/VAR	PALLET LOAD,SHROUD(SHEATH)STRAP AND MARK	50
920	MAL	JPKBPX1	2815	BAG(JIFFY),PACK-PARCEL POST	
920	MAL	JPKBPX3	VARIABLE	WOOD BOX,PACK OFF LINE	51
920	MAL	JPKCPX1	VARIABLE	CARTON(FIBERBOARD),PACK FOR PARCEL POST	52
920	MAL	JPKCPX2	VARIABLE	CARTON(FIBERBOARD),PACK ON LINE	53
920	MAL	BTLSS01	125	STRAPPING,STAPLE WITH HAMMER	
920	MAL	MTLBA01	655	BOXES,ALIGN TO PALLET WITH RUBBER HAMMER	54

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920	MAL	MTLCA01	2904	CRATE(ASSEMBLED),ATTACH TO SKID WITH LAG BOLTS	54
920	MAL	MTLCC01	131	CORD,CUT WITH SCISSORS	
920	MAL	MTLOS01	221	OPENING(CORD-STRIPPABLE COMPOUND),SEAL	
920	MAL	MTLPCXX	VARIABLE	PAPER(PACKING),CUT WITH SHEARS	
920	MAL	MTLPS01	209	PACKAGE(BLISTER),SEPARATE FROM MULTI-COMPARTMENT UNITS	
920	MAL	MTLSA01	104	STRAPPER/BANDER(MANUAL),ATTACH TO STRAP	
920	MAL	MTLSB01	1327	BUNDLE,STRAP	
920	MAL	MTLSCXX	VARIABLE	STRAP,CUT AND ASIDE	55
920	MAL	MTLSC05	137	STRAP,CUT	
920	MAL	MTLSC06	147	SEAL,CRIMP TO STRAPPING	
920	MAL	MTLSI01	8051	SUPPORT,INSTALL IN PACKING CONTAINER	
920	MAL	MTLSTXX	VARIABLE	STRAPPING,TIGHTEN,WITH POWER TIGHTENER	
920	MAL	MTLST03	1137	STRAPPING,TIGHTEN	
920	MAL	MTLST04	578	STRAPPING,TIGHTEN WITH MANUAL TIGHTENER	
920	MAL	MTLST05	931	STRAPPING,TIGHTEN AROUND CONTAINER	
920	MAL	MTLTR01	129	TIGHTENER(STRAPPING-MANUAL),REMOVE	56
920	MAL	MTLWC01	268	WRAP OR CUSHIONING,CUT AT TABLE	
920	MAL	STLBSXX	VARIABLE	BARRIER,SEAL(HEAT)	
920	MAL	STLSCXX	VARIABLE	STENCIL,CUT WITH MANUAL OR ELECTRIC CUTTER	57
920	MAL	STLSC11	2781	STENCIL(ADDRESS AND IDENTIFICATION),CUT FOR OVERSEAS PACK WITH MANUAL CUTTER	
920	MAL	STLSC12	16890	STENCIL,CUT FOR AMMUNITION PACK WITH ELECTRIC CUTTER	58
920	MAL	STLSRXX	VARIABLE	STRAP(S),REMOVE(CUT AND ASIDE) FROM PALLET	
920	MAL	MTPMCXX	VARIABLE	MATERIAL(CUSHIONING),CUT WITH POWER CUTTER	
920	MAL	MWRCA01	116	CARTON/DOCUMENT,ANNOTATE WITH WEIGHT AND CUBE	
921	TAL	MEHBMXX	VARIABLE	BOOMLIFT,MOVE	
921	MAL	MEHBOXX	VARIABLE	BOOMLIFT(ELECTRIC),OPERATE BOOM	59
921	MAL	MEHHOXX	VARIABLE	HOIST(POWER,AIR OR ELECTRIC),OPERATE	
921	MAL	MEHSAXX	VARIABLE	SLING,ATTACH TO LOAD	60
921	TCL	TEHCOXX	TABLE	CRANE(TRUCK,WAREHOUSE),OPERATE	61
921	TUL	SEHML01	24311	MATERIAL(BULK),LOAD OR UNLOAD WITH CRANE	
921	MAL	SEHPL01	22782	PALLET,LOAD INTO AIRCRAFT USING A 10K FORKLIFT LOADER AND 463L TRAILER	
921	MAL	SEHPU01	24894	PALLET,UNLOAD FROM AIRCRAFT USING A 10K FORKLIFT LOADER AND 463L TRAILER	
921	MAL	SJPCS01	41700	CONVEYOR(ROLLER),SET UP AND BREAK DOWN	62
921	MAA	BMHHCXX	VARIABLE	HOIST,COMMENCE MOTION MANUALLY	

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921	MAA	8MHHRXX	VARIABLE	HOOK(PLAIN,CABLE OR HOIST),REMOVE	62
921	MAA	8MHHSXX	VARIABLE	HOIST,STOP MOVEMENT MANUALLY	
921	MAA	MMHBAXX	VARIABLE	BRACKET,ATTACH TO OR REMOVE FROM OBJECT, PREPATORY TO ATTACHING OR SUBSEQUENT TO REMOVING LIFTING SLING	63
921	MAA	MMH8I01	155	BELT,INSTALL TO OBJECT AND TO HOIST HOOK WITH SAFETY LATCH	
921	MAL	MMH8RXX	VARIABLE	BELT,REMOVE FROM HOIST WITH SAFETY TYPE LATCH	
921	FAL	MMHCC01	1136	CARGO,CYCLE WITHIN PIT LOOP TO AID SELECTION	
921	FAL	MMHCMXX	VARIABLE	CARGO,MOVE ON CONVEYOR	64
921	MAL	MMHCS01	51572	CONVEYOR(SKATE OR ROLLER),SET UP AND DISMANTLE	
921	TUL	MMHCU01	1817	CABLES,UNHOOK FROM CARGO AND HOOK TO ELEVATOR	
921	TUL	MMHCU02	283	CABLES(ELEVATOR),UNHOOK ON RAMP/ELEVATOR AIRCRAFT	
921	TUL	MMHCW01	16503	CARGO(U OR W CODED),WINCH UP RAMP INTO AIRCRAFT AND POSITION IN EXACT LOCATION	
921	TUL	MMHEL01	2467	ELEVATOR(CARGO),LOWER OR RAISE	
921	MAL	MMHHAXX	VARIABLE	HOOK,ATTACH TO EYELET,BELT,CABLE OR SIMILAR DEVICE	65
921	MAL	MMHHA07	1016	HOIST,ATTACH,MOVE ITEM TO BASE AND DETACH	
921	MAL	MMHHA08	907	HOIST,ATTACH,MOVE ITEM INTO CONTAINER AND DETACH HOIST	
921	MAL	MMHHA09	78	HOIST(OVERHEAD),ATTACH TO ITEM	
921	MAL	MMHHD01	155	HOIST(OVERHEAD),DETACH FROM ITEM	
921	TAL	MMHIM01	783	ITEM,MOVE TO BASE WITH OVERHEAD HOIST	
921	TAL	MMHIP01	674	ITEM,PLACE IN CONTAINER WITH OVERHEAD HOIST	66
921	MAL	MMH[illegible]01	165	PALLET,PUSH ON CONVEYOR	
921	TUL	MMHRA01	7301	RIGGING(WINCH),ARRANGE TO HOOK UP	
921	MAF	MMHSA01	107	SLING,ATTACH TO HOOK	
921	MAL	MMHSH01	658	SLING,HOOK AND UNHOOK TO/FROM LOAD AND HOIST	
921	MAF	MMHSP01	241	SLING,PUT AROUND PART OR OBJECT	
921	MAF	MMHSR01	110	SLING,REMOVE FROM PART	
921	MAF	MMHSR02	45	SLING,REMOVE FROM HOOK	
921	TAL	TMHHLXX	TABLE	HOIST(FLOOR CRANE),OPERATE/MOVE/RAISE/LOWER	67
921	TAL	TMHHMXX	TABLE	HOIST(BRIDGE CRANE),OPERATE/MOVE	68
921	TAL	TMHHOXX	TABLE	HOIST(A-FRAME),OPERATE	69
921	TAL	TMHHPXX	TABLE	HOIST(MONORAIL),OPERATE/MOVE/PULL	70
921	TAL	TMHHRXX	TABLE	HOIST(JIB CRANE),OPERATE/MOVE/RAISE/LOWER	71
921	FAL	TMHPMXX	TABLE	PALLET(463L-LOADED),OBTAIN CONTROL AND MOVE	
921	MAL	TMHSAXX	TABLE	SLING,ATTACH OR REMOVE	72

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921	MAL	SMHCL01	14238	CARGO(463L PALLET),LOAD USING 25/40K LOADER	72
921	MAL	SMHCO01	14436	CARGO(463L PALLET),OFFLOAD WITH 25/40 K LOADER	
921	MAL	SMHIM01	3355	ITEM,MOUNT TO BASE USING OVERHEAD HOIST	
921	MAF	SMHMB01	517	MATERIAL,BALANCE ON HOIST,PART OR PIPE	73
921	MAF	SMHSA01	1102	SLING,ATTACH FOR CRANE MOVE	
921	MAF	SMHSR01	525	SLING,REMOVE	
921	TUL	SMHWA01	31590	WINCH,ARRANGE FOR LOADING/OFFLOADING VIA CARGO RAMP(U OR W CODED)	
921	TUL	KMHCUXX	VARIABLE	AIRCRAFT(RAMP/ELEVATOR TYPE),OFFLOAD U/W CODED CARGO(PER PIECE)	
921	FAL	BMTCT01	100	CONVEYOR TRAVEL TIME	
921	FAL	MMTDO01	2009	DOCK(HYDRAULIC),OPERATE	74
921	FAL	MMTPL01	535	PLATFORM(PALLET PIT),LOWER/RAISE	
921	MAL	MOHBP01	408	BLOCK(SCOTCH),POSITION AND REMOVE FROM CONVEYOR	
921	TUL	KRCCUX1	CON/VAR	CARRIER,UNLOAD BY CRANE AND MOVE MATERIAL TO STORAGE LOCATION BY FORKLIFT	
921	EUL	KRCCUX2	CON/VAR	CARRIER,UNLOAD BY CRANE AND MOVE MATERIAL TO STORAGE LOCATION BY FORKLIFT TRUCK	
921	EUL	KRCCUX3	CON/VAR	VEHICLE(PIGGY BACK),PREPARE AND UNLOAD	75
921	TUL	KRCCUX4	CON/VAR	CARRIER(FLATCAR),UNLOAD WHEELED VEHICLE WITH CRANE	
921	EUL	JRCCUX1	VARIABLE	CAR(RAIL,FLAT),UNLOAD VEHICLES WITH CRANE-TOW AWAY	76
921	EUL	JRCCUX3	VARIABLE	CAR(RAIL,FLAT),UNLOAD WITH YARD CRANE	77
921	EUL	JRCCUX4	VARIABLE	CAR(GONDOLA-RAIL),UNLOAD WITH YARD CRANE	78
921	EUL	JRCTUX1	VARIABLE	TRUCK(FLATBED),UNLOAD WITH WAREHOUSE TRUCK CRANE	79
921	EUL	JRCTUX2	VARIABLE	TRUCK(FLATBED),UNLOAD WITH YARD CRANE	80
921	EUL	JRCVUX1	VARIABLE	VEHICLE(PIGGY-BACK),UNLOAD	81
921	TUL	KSHCLX1	CON/VAR	CARRIER(RAILROAD FLATCAR),LOAD WHEELED VEHICLE BY CRANE	82
921	TUL	KSHCLX2	CON/VAR	CARRIER(COMMON),LOAD BY WAREHOUSE CRANE	
921	TUL	KSHCLX3	CON/VAR	CARRIER(FLATBED),LOAD(MOVE LOAD FROM STORAGE BY FORKLIFT AND LOAD ON FLATBED BY CRANE)	
921	TUL	KSHLCX4	CON/VAR	CARGO(U/W CODED),LOAD ON RAMP/ELEVATOR AIR-CRAFT	83
921	EUL	JSHCLX1	VARIABLE	CAR(RAIL,GONDOLA),LOAD WITH CRANE	84

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921	EUL	JSHCLX2	VARIABLE	CAR(RAIL,FLAT),LOAD VEHICLES-TOW TO LOAD AREA-LOAD WITH CRANE	85
921	EUL	JSHCLX3	VARIABLE	CAR(RAIL,FLAT),LOAD WITH CRANE	86
921	EUL	JSHTLX1	VARIABLE	TRUCK(FLATBED),LOAD WITH CRANE	87
921	EUL	JSHTLX3	VARIABLE	TRUCK(FLATBED),LOAD WITH CRANE TRUCK,WAREHOUSE	88
922	MAL	MEHCC01	173	CABLE,CONNECT AND DISCONNECT TO BATTERY (ELECTRIC FORKLIFT TRUCK)	
922	MAL	MEHCC02	258	CABLE,CONNECT AND DISCONNECT TO BATTERY (ELECTRIC TRANSPORTER)	
922	MAL	MEHCR01	2544	CONTAINER,RAISE AND PLACE DUNNAGE FOR EASY PICKUP	89
922	MAL	MEHFMXX	VARIABLE	FORKLIFT TRUCK-K-LOADER,MOUNT,START,STOP AND DISMOUNT	
922	TAL	MEHFOXX	VARIABLE	FORKLIFT TRUCK,OPERATE	
922	MAL	MEHFPXX	VARIABLE	FORKLIFT TRUCK,PREPARE TO OPERATE	
922	FBL	MEHKPXX	VARIABLE	K LOADER,POSITION TO AIRCRAFT	90
922	FAL	MEHKP03	5179	K LOADER(25/40K),POSITION TO TRANSFER DOCK	
922	TUL	MEHKP04	1467	K LOADER(25/40 K),POSITION PRECISELY AT RAIL/ROLLER SYSTEM	
922	FAL	MEHPMXX	VARIABLE	PALLET(EMPTY),MOVE INTO OR OUT OF CARRIER USING FORKLIFT TRUCK	
922	MAL	MEHPO01	13496	PALLET(463L),OBTAIN WITH PLASTIC BAG,CARGO NETS AND TRANSPORT TO BUILD UP PIT	
922	FAL	MEHPP01	533	PALLET(LOADED-2000 POUNDS),PICK UP IN RAILROAD CAR WITH ELECTRIC FORKLIFT	
922	FAL	MEHPP02	465	PALLET(LOADED 2000 POUNDS),PICKUP WITH ELECTRIC FORKLIFT TRUCK	91
922	FAL	MEHPP03	447	PALLET(LOADED-4000 POUNDS),PICK UP WITH AN ELECTRIC FORKLIFT TRUCK	
922	FAL	MEHPP04	321	PALLET(LOADED-4000 POUNDS),PICK UP WITH ELECTRIC FORKLIFT TRUCK	
922	FAL	MEHPS01	335	PALLET(LOADED-4000 POUNDS),SET DOWN WITH ELECTRIC FORKLIFT TRUCK	
922	EUL	MEHTH01	744	TRAILER,HOOK/UNHOOK TO TRACTOR	
922	FAL	MEHTP01	1780	TRANSPORTER,PLACE IN CARRIER OR REMOVE FROM CARRIER	
922	FAL	MEHVTXX	VARIABLE	VEHICLE,TRAVEL TIMES(PRIME MOVER)(WHEEL)	92
922	FAL	TEHFBXX	TABLE	FORKLIFT TRUCK,TRAVEL INTO/OUT OF BOXCAR OR TRAILER	
922	TAL	TEHFEXX	TABLE	FORKLIFT(ELECTRIC),OPERATE	93
922	FAL	TEHFOXX	TABLE	FORKLIFT TRUCK(THREE TON CAPACITY),OPERATION	94
922	FAL	TEHFTXX	TABLE	FORKLIFT TRUCK-TRACTOR,TRAVEL	5

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922	TAL	TEHOFXX	TABLE	FORKLIFT(ELECTRIC),OPERATE	95
922	FAL	TEHPPXX	TABLE	PALLETS/UNIT LOADS,PICK UP WITH FORKLIFT TRUCK	96
922	FAL	TEHPSXX	TABLE	PALLET(S)/UNIT LOADS,STACK WITH FORKLIFT TRUCK	
922	TAL	TEHTOXX	TABLE	TRANSPORTER(ELECTRIC),OPERATE	97
922	MAL	SEHCMX1	CON/VAR	CARGO(SECURITY),MOVE FROM SECURITY CAGE/ROOM	
922	FAL	SEHDPX1	CON/VAR	DOLLY(PALLET),PLACE IN CARRIER BY FORKLIFT TRUCK AND RETURN DOLLY TO STORAGE	98
922	MAL	SEHFL01	8104	FORKLIFT TRUCK(3000-6000 POUND),LOAD/UNLOAD TO OR FROM CARRIER WITH 15000 POUND FORKLIFT	
922	FAL	SEHFO01	2020	FORKLIFT TRUCK,OPERATIONS IN STORAGE AND STRAPPING AREA	
922	FAL	SEHLP01	1789	LOAD,PICK UP WITH FORKLIFT,MOVE AND STACK	
922	FAL	SEHMPX1	CON/VAR	MATERIAL,PICK UP,TRANSPORT,DROP WITH FORKLIFT TRUCK	99
922	MAL	SEHMRX1	CON/VAR	MATERIAL(BOLT),RETURN TO STORAGE	
922	FAL	SEHPGX1	CON/VAR	PALLET(EMPTY),GET(SINGLE),RETURN STACK	
922	FAL	SEHPLXX	VARIABLE	PALLET(LOADED),LOAD INTO CARRIER BY FORKLIFT TRUCK	100
922	FAL	SEHPMX1	CON/VAR	PACK,MOVE WITH FORKLIFT TRUCK	
922	MAL	SEHPM01	10536	PALLET(463L),MOVE ONTO TRANSFER LOADING DOCK	
922	FAL	SEHPOX1	CON/VAR	PALLET(EMPTY),OBTAIN WITH FORKLIFT TRUCK	
922	FAL	SEHPOX2	CON/VAR	PALLET(463L-EMPTY),OBTAIN AND PLACE IN BUILD UP PIT	101
922	FAL	SEHPPX1	CON/VAR	PALLET(LOADED),PICK UP AND MOVE WITH ELECTRIC STANDUP OPERATED FORKLIFT TRUCK	
922	TAL	SEHPPX2	CON/VAR	PALLET(WAREHOUSE),POSITION AT AIRCRAFT FOR UNLOADING	102
922	FAL	SEHPRX1	CON/VAR	PALLET(EMPTY),REMOVE FROM CAR,RETURN TO STOW	
922	MAL	SEHPRX2	CON/VAR	PALLET(EMPTY),RETURN TO STORAGE	
922	MAL	SEHPR01	3828	PALLET(463L-EMPTY),RETURN TO STORAGE	103
922	FAL	SEHPTXX	VARIABLE	PALLET(LOADED),TRANSPORT FROM CARRIER WITH FORKLIFT	
922	FAL	SEHTP01	3958	TRANSPORTER(HAND),PLACE IN OR REMOVE FROM VAN OR RUN-THRU WITH ELECTRIC FORKLIFT TRUCK	
922	MAL	KEHCLX1	VARIABLE	CARRIER(VAN TRUCK/TRAILER),LOAD AT AIR TERMINAL	104
922	FAL	JEHDSX1	VARIABLE	DRUMS(55 GAL)OR CYLINDERS,SELECT FROM STORAGE, (FULL OR PARTIAL PALLETS)	105
922	FAL	JEHMSX4	VARIABLE	MATERIAL,SELECT-FULL PALLET(SINGLE LINE ITEM PER PALLET)	106
922	FAL	JEHMSX5	VARIABLE	MATERIAL,SELECT FROM BULK LOCATION-MORE THAN ONE LOCATION-MULTI LINES PER PALLET	107

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922	FAL	JEHMSX6	VARIABLE	MATERIAL,SELECT-ONE LINE FROM RACK STORAGE (MULTIPLE LINE ITEMS BY STOCK SELECTOR-PLATFORM TYPE)	108
922	FAL	JEHSSXZ		DELETE-BAD ENTRY	
922	FAL	JEHSSX1	VARIABLE	STOCK(BAR),SELECT FROM STORAGE(NO CUTTING)	109
922	FAL	JEHSSX2	VARIABLE	STOCK(BAR),SELECT FROM STORAGE(CUTTING REQUIRED)	110
922	TAL	MIDCC01	1019	CARGO,CHECK IDENTITY	
922	MAL	SIDOR01	1263	DOCUMENTS(RECEIVING),REMOVE,MATCH AND ATTACH TO CONTAINER	111
922	MAL	MJPBIXX	VARIABLE	BIN,PREPARE TO ISSUE FROM	
922	MAL	MJPBSXX	VARIABLE	BIN,PREPARE TO STOW/REPLENISH STOCK	
922	FAL	MJPPIXX	VARIABLE	PLATE(DOCK),INSTALL AND REMOVE	
922	FAL	MJPPOXX	VARIABLE	STACK(PALLETS-WAREHOUSE,463-L OR SKID),OBTAIN	112
922	MAL	MJPRS01	214	REEL(TEMPORARY),SET UP AND ATTACH REEL/COIL MATERIAL	
922	MAL	SJPDA01	478	DOCUMENTS(AND TOTE TRAYS),ASSEMBLE FOR ISSUE	
922	MAL	SJPES01	2360	EQUIPMENT(ELECTRIC FORKLIFT AND DOOR PLATE),SET UP AND SECURE	
922	MAL	SJPPSX1	CON/VAR	PLACARDS(WARNING),SET	
922	TUL	SJPSCX1	CON/VAR	AIRCRAFT/LOAD SPOT,CLEAN	113
922	FUL	KJPAPX1	CON/VAR	AIRCRAFT(PALLETIZED),PREPARE TO LOAD	
922	FBL	KJPCAXX	VARIABLE	CREW/EQUIPMENT,ASSEMBLE AND MOVE TO AIRCRAFT TO UNLOAD	114
922	FAL	KJPCAX1	CON/VAR	CREW/EQUIPMENT,ASSEMBLE AND PREPARE TO OFF-LOAD AIRCRAFT	
922	FAL	KJPCPX1	CON/VAR	CARG PALLETIZED-BULK OR UNIT LOAD),POSITION DOCK OR IN BULK STORAGE	115
922	FAL	KJPCTX1	CON/VAR	CREW/EQUIPMENT,TRAVEL TO"HOT SPOT"LOADING AREA	
922	FAL	KJPEAXX	VARIABLE	CREW/EQUIPMENT,ASSEMBLE AND MOVE TO AIRCRAFT PARKING AREA TO UNLOAD-10K OR 25/40K LOADER	116
922	MAL	MNFE001	73	ENVELOPE(TACKED TO CARRIER WALL),TEAR OPEN	
922	MAL	MOHCPXX	VARIABLE	CONTAINER,PREPARE TO HOLD BIN ISSUE	
922	MAL	MOHMCXX	VARIABLE	MATERIAL(REEL/COIL),CUT,REMOVE AND TIE	
922	MAL	JOHMSX1	VARIABLE	MATERIAL(BOLT),SELECT AND CUT	117
922	MAL	KPKCPX1	CON/VAR	CONTAINERS(CONSOLIDATED RECEIPTS),PREPARE AND DISPOSE	118
922	TUL	SRCM001	882	MANIFEST(AIR CARGO),OBTAIN FROM PILOT,SIGN FOR SPECIAL HANDLING	
922	FAL	SRCSDXX	VARIABLE	SHORING(DOOR-RAILROAD CAR),DISPOSE OF	

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922	FAL	KRCAOX1	CON/VAR	AIRCRAFT(RAMP/ELEVATOR TYPE),OFFLOAD LOOSE CARGO(PER AIRCRAFT)	119
922	FAL	KRCAOX2	CON/VAR	AIRCRAFT,OFFLOAD LOOSE CARGO(PER AIRCRAFT)	
922	MAL	KRCAUX1	CON/VAR	AIRCRAFT,UNLOAD NON-PALLETIZED,BELLY LOADED CARGO-PER AIRCRAFT	120
922	FUL	KRCAUX2	CON/VAR	AIRCRAFT,UNLOAD 463L PALLETS WITH 10K LOADER	121
922	MAL	KRCAUX3	CON/VAR	AIRCRAFT,UNLOWD 463L PALLET WITH 25/40K LOADER	
922	FAL	KRCCMX1	CON/VAR	CARGO(U/W CODED),MOVE FROM LOAD SPOT TO STORAGE/HOLD AREA	122
922	FAL	KRCCUXB	CON/VAR	CARRIER(VAN TRUCK),UNLOAD TO STORAGE WITH FORK LIFT-PALLET	
922	MUL	KRCCUXC	CON/VAR	CARRIER(COMMON-RAIL),UNLOAD TO STORAGE-VEHICLE	
922	MUL	KRCCUXE	CON/VAR	CARRIER(FLATBED TRUCK),UNLOAD AND MOVE TO STORAGE-WHEELED VEHICLE	123
922	FAL	KRCCUX2	CON/VAR	CARRIER(GONDOLA CAR),UNLOAD CONEX	
922	FAL	KRCCUX5	CON/VAR	CARRIER(TRUCK),UNLOAD THROUGH CENTRAL RECEIVING TO STORAGE LOCATION-PALLET	124
922	FAL	KRCCUX8	CON/VAR	CARRIER(RAILCAR),UNLOAD TO STORAGE,PALLETS	
922	FAL	KRCCUX9	CON/VAR	CARRIER(FLATBED TRUCK),UNLOAD TO STORAGE-PALLET	125
922	FAL	KRCPBX1	CON/VAR	PALLET(463L),BREAKDOWN(PER PALLET)	126
922	FAL	KRCPBX2	CON/VAR	PALLET(WAREHOUSE),BREAKDOWN	127
922	FAL	KRCPPX1	CON/VAR	PALLET(EMPTY),PLACE;MOVE LOADED	
922	MAL	KRCPTX1	CON/VAR	PALLET(463L),TRANSFER TO BREAKDOWN DOCK,STOW EQUIPMENT,DELIVER PAPER WORK TO OFFICE	128
922	TUL	KRCTOX1	CON/VAR	TRUCK/TRAILER,OFFLOAD AT TERMINAL,MOVE CARGO TO TEMPORARY HOLD AREA	129
922	MAL	KRCVMX1	CON/VAR	VEHICLE(RECEIVED),MOVE TO STORAGE	130
922	FAL	JRCAOX1	VARIABLE	AIRCRAFT,OFFLOAD PALLETIZED CARGO-AFLC AND MAC	131
922	FAL	JRCAOX2	VARIABLE	AIRCRAFT(NON-PALLETIZED),OFFLOAD	132
922	FAL	JRCAOX3	VARIABLE	AIRCRAFT(RAMP/ELEVATOR TYPE),OFFLOAD-PER AIR-CRAFT	133
922	FUL	JRCCUX1	VARIABLE	CAR(RAIL,BOX),UNLOAD WITH FORKLIFT TRUCK	134
922	MUL	JRCCUX2	VARIABLE	CAR(RAIL,REFRIGERATED,40 FOOT-SOLID),UNLOAD	135
922	FAL	JRCCUX3	VARIABLE	CAR(GONDOLA),UNLOAD BY HEAVY DUTY FORKLIFT WITH SPECIAL LIFTING DEVICE	136
922	FAL	JRCCUX4	VARIABLE	CAR(RAIL,FLAT),UNLOAD,TOW WHEELED VEHICLE OFF OF CAR	137

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922	FUL	JRCCUX6	VARIABLE	CAR(SPECIAL,BI-LEVEL,TRI-LEVEL,TTX),UNLOAD	139
922	FUL	JRCTUX1	VARIABLE	TRUCK(FLATBED),UNLOAD WHEELED VEHICLE-TOW OFF	140
922	FUL	JRCTUX4	VARIABLE	TRUCK(VAN/TRAILER),UNLOAD WITH FORKLIFT TRUCK	141
922	FUL	JRCTUX5	VARIABLE	TRUCK(FLATBED-SOLID),UNLOAD-TWO FORKLIFTS	142
922	FUL	JRCTUX6	VARIABLE	TRUCK(FLATBED-MIXED),UNLOAD-TWO FORKLIFTS	143
922	MAL	MRDLCXX	VARIABLE	LINE ITEMS,COUNT NUMBER ON A SHEET	144
922	FUL	KSHALX1	CON/VAR	AIRCRAFT(PALLETIZED),LOAD 463L PALLETS WITH 10K LOADER	
922	FUL	KSHALX2	CON/VAR	AIRCRAFT(PALLETIZED),LOAD 463L PALLETS WITH 25/40K LOADER	
922	MAL	KSHALX3	CON/VAR	AIRCRAFT,LOAD BELLY-LOADED CARGO	145
922	MAL	KSHCAX1	CON/VAR	CARGO(AIR-U/W CODED),ASSEMBLE FOR MOVEMENT TO RAMP/ELEVATOR AIRCRAFT	146
922	FAL	KSHCLXA	CON/VAR	CARRIER(FLATBED TRUCK),LOAD THROUGH CENTRAL SHIPPING-PALLETS	
922	MUL	KSHCLXC	CON/VAR	CARRIER(RAIL FLATCAR),LOAD AND BLOCK AND BRACE WHEELED VEHICLE ON CARRIER	147
922	MUL	KSHCLX1	CON/VAR	CARRIER(FLATBED TRUCK),LOAD,BLOCK AND BRACE A WHEELED VEHICLE	
922	FAL	KSHCLX2	CON/VAR	CARRIER(GONDOLA CAR),LOAD CONEX	
922	FAL	KSHCLX3	CON/VAR	CARRIER(FLATBED),LOAD FROM HOLD AREA-PALLET	148
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922	FAL	KSHCLX6	CON/VAR	CARRIER(RAILCAR),LOAD PALLET FROM PACKING	150
922	FAL	KSHCLX7	CON/VAR	CARRIER(RAILCAR),LOAD FROM STORAGE-PALLETS	
922	MAL	KSHCLX8	CON/VAR	CONTAINER(PARCEL POST),LOAD FOR SHIPMENT	
922	FAL	KSHCLX9	CON/VAR	CARGO(LOOSE),LOAD ON RAMP/ELEVATOR AIRCRAFT	151
922	MAL	KSHCMX1	CON/VAR	CARGO(U/N CODED),MOVE TO AIRCRAFT LOAD SPOT	
922	FUL	KSHCPX1	CON/VAR	CARGO(AIR),PLACE ON WAREHOUSE PALLET,POSITION PALLET FOR MOVEMENT TO AIRCRAFT	152
922	MAL	KSHMLX1	CON/VAR	MATERIAL,(PALLETIZED/UNITIZED),LOAD ON TRUCK FROM ABOVE GROUND MAGAZINE W/O PLATFORM(AMMO)	153
922	FUL	KSHPAX1	CON/VAR	PALLETS(463L-LOADED),ASSEMBLE FOR MOVEMENT TO AIRCRAFT	
922	FAL	JSHAOX1	VARIABLE	AIRCRAFT,ONLOAD WITH PRE-PALLETIZED MIXED CARGO(A/C FITTED WITH A 463L RAIL SYSTEM)	154

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922	FAL	JSHAOX2	VARIABLE	AIRCRAFT,ONLOAD WITH NON-PALLETIZED(FLOORLOAD) MIXED CARGO	155
922	FAL	JSHAOX3	VARIABLE	AIRCRAFT(RAMP/ELEVATOR ACCESS TYPE),ONLOAD	156
922	FAL	JSHCLX1	VARIABLE	CAR(RAIL,BOX),LOAD WITH FORKLIFT TRUCK(SOLID)	157
922	FUL	JSHCLX2	VARIABLE	CAR(40 FOOT REFRIGERATED),LOAD	158
922	FUL	JSHCLX3	VARIABLE	CAR(RAIL,BOX-MIXED),LOAD WITH FORKLIFT TRUCK	159
922	FUL	JSHCLX4	VARIABLE	CAR(RAIL,FLAT-SOLID OR MIXED),LOAD WITH FORK-LIFT-UNIT LOADS	160
922	FUL	JSHCLX5	VARIABLE	CAR(RAIL,FLAT-MIXED OR SOLID),LOAD-TOW ON	161
922	FUL	JSHCLX6	VARIABLE	CAR(RAIL,GONDOLA-SOLID/MIXED),LOAD CONEX WITH HEAVY DUTY FORKLIFT AND SPECIAL DEVICE	162
922	FUL	JSHTLX1	VARIABLE	TRUCK(FLATBED-SOLID),LOAD WITH TWO FORKLIFTS	163
922	FAL	JSHTLX2	VARIABLE	TRUCK(VAN/TRAILER-SOLID),LOAD WITH FORKLIFT	164
922	FUL	JSHTLX3	VARIABLE	TRUCK(FLATBED-MIXED),LOAD WITH TWO FORKLIFTS	165
922	FUL	JSHTLX4	VARIABLE	TRUCK(VAN/TRAILER),LOAD AT CENTRAL SHIPPING	166
922	FAL	JSHTLX5	VARIABLE	TRUCK(FLATBED-MIXED OR SOLID),LOAD-TOW ON	167
922	MAL	JSHTLX6	VARIABLE	TRUCK(VAN/TRAILER),LOAD PALLETIZED/UNITIZED AMMUNITION/COMPONENTS AT IGLOO	168
922	MAL	JSHTLX7	VARIABLE	TRUCK(VAN/TRAILER),LOAD PALLETIZED OR UNITIZED MATERIAL AT ABOVE GROUND MAGAZINE WITHOUT PLATFORM	169
922	MAL	MWRCM01	437	CONTAINER,MARK WITH DATE,NUMBER OF PIECES AND ORDER NUMBER	
922	MAL	KWRDP01	1511	DOCUMENT(PER LINE ITEM ISSUED),PROCESS AND ATTACH TO CONTAINER	170
929	TUL	MACLAXX	VARIABLE	LOCK(PALLET-463L),ACTUATE	
929	TUL	MACPLXX	VARIABLE	PALLET RESTRAINT(463L),LOCK/UNLOCK	
929	EUL	SACEOXX	VARIABLE	EQUIPMENT(LIGHTING),OPERATE	
929	MAL	MBMLC01	195	LADDER(BOXCAR),CLIMB,FROM GROUND TO DOCK	
929	MAL	MBMLC02	168	LADDER(BOXCAR),CLIMB,FROM DOCK TO GROUND	
929	MAL	MBMPC01	438	PLATFORM,CLIMB ON TO AND OFF FROM AND TO GROUND LEVEL(RAILCAR OR TRUCK BED)	
929	MAL	MBMPM01	203	PALLET(SAFETY),MOUNT AND DISMOUNT	171
929	MAL	MBMTCXX	VARIABLE	TANK(LARGE ARMORED),CLIMB INTO/OUT OF	

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929	MAL	MCACC01	245	CUBE,COMPUTE USING COMPUTER(SLIDE RULE TYPE)	172
929	MAL	MCL8W01	170	BIN,WIPE INSIDE WITH CLOTH	
929	MAL	MDPRS01	119	WIRE/ROPE,SEAL ENDS	
929	MAL	MEHPMXX	VARIABLE	PALLET,MOVE WITH MANUAL TRANSPORTER	
929	MAL	MGMDS01	130	DIALS,SET TO ZERO ON MEASURING DEVICE(CLOTH)	
929	MAL	MGMMM01	157	MATERIAL(BOLT),MOVE END THROUGH MEASURING DEVICE	
929	MAL	MGMPW01	7432	PALLET,WEIGH,RECORD WEIGHT ON DOCUMENTS AND ATTACH WEIGHT RECORD TO PALLET	173
929	MAL	MIDLS01	2669	LABEL(BIN),STAMP	
929	MAL	SIDSA01	612	SEAL,APPLY AND RECORD NUMBERS	
929	MAL	SIDSR01	563	SEAL,REMOVE,RECORD NUMBERS	
929	MAL	MJPBD01	244	BLOCKS/BRACES,DISTRIBUTE ON CARRIER	
929	MAL	MJPBI01	9800	BLOCKING(EVANS GEAR),INSTALL IN RAILROAD BOX-CAR	
929	MAL	MJPBR01	3344	BLOCKING(EVANS GEAR),REMOVE FROM LOADED CAR	
929	MAL	MJPBR02	3016	BLOCKING,REPLACE TO EMPTY CAR	174
929	MAL	MJPCG01	138	CHOCKS,GET AND ASIDE	
929	MAL	MJPCP01	109	CHOCKS,POSITION TO WHEELS	
929	MAL	MJPCR01	228	CHOCKS,REMOVE FROM WHEEL	
929	MAL	MJPDCXX	VARIABLE	DOOR(BOXCAR),CLOSE,SINGLE AND DOUBLE(ONE SIDE)	
929	MAL	MJPDHXX	VARIABLE	DOOR(SLIDING DOUBLE),OPEN OR CLOSE(BUTLER HUT)	
929	MAL	MJPDOXX	VARIABLE	DOOR(TRAILER-SIDE AND/OR REAR),OPEN AND CLOSE	175
929	MAL	MJPDO10	273	DOOR(BOXCAR),OPEN,SINGLE	
929	MAL	MJPDO11	586	DOOR(DOUBLE-BOXCAR),OPEN	
929	MAL	MJPDO12	891	DOOR(DOUBLE,BOXCAR),BREAK SEAL,OPEN FROM DOCK	
929	MAL	MJPDS01	137	DOOR(BOXCAR),SECURE WITH CAM AND HASP	
929	MAL	MJPDTXX	VARIABLE	DOOR(TRAILER),OPEN AND CLOSE(ATTACH/REMOVE SEAL)	
929	MAL	MJPDU01	171	DOOR(BOXCAR),UNLATCH	
929	MAL	MJPFSXX	VARIABLE	FLAGS(SAFETY),INSTALL/REMOVE(RAILROAD CAR)	176
929	MAL	MJPFS03	69	FLAG(BLUE SAFETY),INSTALL AND REMOVE FROM RAILCAR	
929	MAL	MJPFS04	1119	FLAG(BLUE SAFETY),INSTALL OR REMOVE FROM OR ON RAIL CAR	
929	MAL	MJPJG01	143	JACK(EVANS GEAR),GET AND ASIDE	
929	MAL	MJPMAXX	VARIABLE	MEMBER(WALL,DOOR OR CROSS-EVANS GEAR),ASIDE TO FLOOR OR FOUR WHEEL CART	
929	MAL	MJPMD01	2258	MATERIAL(BOLT),DISMOUNT FROM DISPENSING RACK	
929	MAL	MJPMGXX	VARIABLE	MEMBER(DOOR,WALL OR CROSS-EVANS),GET FROM FOUR WHEEL CART	

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929	MAL	MJPMIXX	VARIABLE	MEMBER(WALL,DOOR AND CROSS-EVANS GEAR), INSTALL IN BOXCAR	177
929	MAL	MJPMM01	2243	MATERIAL(BOLT),MOUNT ON DISPENSING RACK	
929	MAL	MJPM001	2857	MATERIAL(BOLT),OBTAIN FROM STORAGE	
929	MAL	MJPMRXX	VARIABLE	MEMBER(WALL,DOOR AND CROSS-EVANS GEAR),REMOVE FROM BOXCAR	
929	MAL	MJPPI01	1252	PLATE(DOOR),INSTALL AND ASIDE	
929	MAL	MJPPPXX	VARIABLE	PLACARD,POSITION ON TRAILER	178
929	MAL	MJPPRXX	VARIABLE	PLATE(DOCK-MAGNESIUM),INSTALL AND REMOVE	
929	MAL	MJPRP01	977	REEL/COIL,POSITION FOR MEASURING	
929	MAL	MJPRP02	77	ROLL OR COIL,POSITION ON HOLDER	
929	MAL	MJPSRXX	VARIABLE	STAKE SECTION,REMOVE AND REPLACE FROM/ONTO TRUCK	
929	TUL	SJPAP01	536491	AIRCRAFT,PREPARE FOR LOADING MISSILE COMPONENTS	
929	MAL	SJPBL01	7268	BOXCAR,SETUP FOR LOADING AMMUNITION	179
929	MAL	SJPBOX1	CON/VAR	BLOCKS,BRACES,TIE DOWNS,OBTAIN FOR SECURING LIGHT VEHICLE TO CARRIER	
929	MAL	SJPBS01	45973	BOXCAR,SETUP FOR UNLOADING AMMUNITION	
929	MAL	SJPDBXX	VARIABLE	DOOR(BUTLER HUT),OPEN AND SECURE	
929	MAL	SJPDOXX	VARIABLE	DOORS(BUILDING),OPEN AND SECURE	180
929	MAL	SJPD003	1649	DOORS(MAGAZINE),OPEN AND SECURE	
929	MAL	SJPMP01	2455	MATERIAL(BOLT),PREPARE TO ISSUE	
929	MAL	SJPSCX1	VARIABLE	LOADING SPOT (AIRCRAFT),CLEAN(AFTER LOADING)	
929	TUL	SJPSC01	6788	LOADING SPOT/AIRCRAFT,CLEAN	181
929	TUL	SJPSC02	9999	LOADING SPOT(AIRCRAFT),CLEAN UP	
929	FAL	KJPCPXA	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD WITH FORKLIFT TRUCKS	
929	EUL	KJPCPXB	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE FOR LOADING BY TRUCK CRANE	182
929	EUL	KJPCPXC	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE FOR LOADING BY TOW VEHICLES	
929	EUL	KJPCPXD	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO LOAD BY FORKLIFT TRUCKS(TWO)	183
929	EUL	KJPCPXE	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO LOAD WITH YARD CRANE AND FORKLIFT TRUCK	
929	MUL	KJPCPXF	CON/VAR	CARRIER(40 FOOT REFRIGERATOR RAIL CAR),PREPARE TO UNLOAD	184
929	MUL	KJPCPXG	CON/VAR	CARRIER(40 FOOT RAIL REFRIGERATED CAR),PREPARE TO LOAD	185
929	MUL	KJPCPXH	CON/VAR	CARRIER(GONDOLA CAR),PREPARE TO UNLOAD WITH FORKLIFT TRUCK	186
929	EUL	KJPCPXJ	CON/VAR	CARRIER(RAIL GONDOLA CAR),PREPARE TO UNLOAD WITH CRANE AND FORKLIFT TRUCK	187

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929	EUL	KJPCPXK	CON/VAR	CARRIER(RAIL GONDOLA CAR),PREPARE TO LOAD WITH YARD CRANE OR FORKLIFT TRUCK	188
929	EUL	KJPCPXL	CON/VAR	CARRIER(VAN TRUCK/TRAILER),PREPARE TO UNLOAD WITH GRAVITY CONVEYOR,FORKLIFT AND PALLETS	189
929	EUL	KJPCPXM	CON/VAR	CARRIER(VAN TRUCK/TRAILER),PREPARE TO UNLOAD WITH FORKLIFT TRUCK	190
929	EUL	KJPCPXN	CON/VAR	CARRIER(VAN TRUCK/TRAILER),PREPARE TO UNLOAD AT CENTRAL RECEIVING	191
929	MUL	KJPCPXP	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD BY CRANE TRUCK,WAREHOUSE	192
929	EUL	KJPCPXQ	CON/VAR	CARRIER(VAN TRUCK/TRAILER),PREPARE TO LOAD AT CENTRAL SHIPPING	193
929	EUL	KJPCPXR	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO LOAD VEHICLE BY YARD CRANE	
929	EUL	KJPCPXS	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO UNLOAD WITH CRANE	194
929	EUL	KJPCPXT	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO UNLOAD VEHICLES WITH YARD CRANE-TOW AWAY	195
929	EUL	KJPCPXU	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE FOR UNLOADING-TOW VEHICLE FROM CAR	196
929	EUL	KJPCPXV	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO UNLOAD WITH FORKLIFT TRUCK	197
929	EUL	KJPCPXW	CON/VAR	CARRIER(VAN TRUCK/TRAILER),PREPARE TO LOAD BY FORKLIFT TRUCK	198
929	EUL	KJPCPX1	CON/VAR	CARRIER(BI-LEVEL,TRI-LEVEL,AND TTX CAR), PREPARE TO LOAD WHEELED VEHICLES	
929	EUL	KJPCPX2	CON/VAR	CARRIER(RAILROAD BOXCAR),PREPARE TO UNLOAD BY FORKLIFT TRUCK	199
929	EUL	KJPCPX3	CON/VAR	CARRIER(RAIL BOXCAR),PREPARE TO UNLOAD BY GRAVITY CONVEYOR,FORKLIFT AND PALLETS	200
929	EUL	KJPCPX4	CON/VAR	CARRIER(BI-LEVEL,TRI-LEVEL,TTX RAIL CAR), PREPARE FOR UNLOADING VEHICLES	201
929	MUL	KJPCPX5	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO LOAD WITH FORKLIFT-UNIT LOADS	
929	EUL	KJPCPX6	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO LOAD TOWED VEHICLE ONTO CAR	202
929	EUL	KJPCPX7	CON/VAR	CARRIER(RAIL BOXCAR),PREPARE TO LOAD BY FORKLIFT TRUCK	203
929	EUL	KJPCPX8	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD WITH YARD CRANE	204
929	EUL	KJPCPX9	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD WITH TOW VEHICLE	
929	MAL	KJPCP01	8628	CARRIER(VAN TRUCK),PREPARE FOR LOADING AMMUNITION	205
929	MAL	KJPISXX	VARIABLE	IGLOO/MAGAZINE,SET UP AND SECURE	
929	FAL	KJPLCX1	CON/VAR	LOADING SPOT,CLEAN AFTER LOADING	
929	MAL	KJPPPX1	CON/VAR	PALLET/UNIT LOAD(AMMO),PREPARE TO LOAD	

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929	MAL	KJPTPXX	VARIABLE	TRAILER,PREPARE AND SECURE FOR LOADING OR UN-LOADING(INCLUDES SET UP AND SECURE BUILDING AND MATERIAL HANDLING EQUIPMENT)	206
929	MAL	KJPTPX1	CON/VAR	TRUCK (VAN TRUCK/TRAILER),PREPARE FOR LOADING AMMUNITION AT IGLOO	207
929	MAL	KJPTPX2	CON/VAR	TRUCK(VAN/TRAILER)PREPARE FOR LOADING AMMUNI-TION AT ABOVE GROUND MAGAZINE W/O PLATFORM	
929	MAL	KJPWPXX	VARIABLE	WORKSITE,PREPARE(SET UP AND SECURE BOXCAR, BUILDING AND MATERIAL HANDLING EQUIPMENT)	208
929	MAL	MMHCPXX	VARIABLE	CART,PUSH	
929	MAL	MMHCP07	262	CART(EMPTY),PUSH ASIDE	
929	MAL	MMHDM01	1418	DOLLY(PALLET),MOVE MANUALLY WITHIN CARRIER	209
929	MAA	MMHPG01	277	PALLET(ON CONVEYOR),GET WITH HOOKED ROD	
929	TUL	MMHPM01	6045	PALLET,MOVE FROM TRANSFER DOCK ONTO 25/40 K LOADER	
929	MAA	MMHPT01	217	PALLET,TURN ON TURNTABLE(NON-POWERED)	
929	MAL	MMHRA01	7067	RAMP(PORTABLE),ATTACH TO VEHICLE	
929	MAL	MMHRD01	5217	RAMP(PORTABLE),DETACH FROM TRUCK OR TRAILER	
929	MAL	MMHTGXX	VARIABLE	TRUCK(NON POWERED),GET AND ASIDE	
929	MAL	MMHTG05	293	TRUCK(HAND),PLACE IN OR GET OUT OF CREW TRUCK	210
929	MAL	MMHTLXX	VARIABLE	TRUCK(HAND-2 WHEEL),LOAD AND UNLOAD	
929	MAL	MMHTM01	301	DOLLY(FURNITURE-NON POWERED),MOVE BY HAND	
929	MAL	MMHTOXX	VARIABLE	TRANSPORTER(MANUAL),OPERATE FORKS	
929	TAL	MMHTO03	56	TRANSPORTER(MANUAL),OPERATE,RUN IN OR OUT	
929	TAL	MMHTPXX	VARIABLE	TRANSPORTER(MANUAL),PUSH/PULL	211
929	MAL	TMHCPXX	TABLE	CART(LOADED),PUSH	
929	MAL	TMHTMXX	TABLE	TRUCK(HAND),MOVE	212
929	TUL	SMHMT01	173368	MISSILE(CONTAINER,MISSILE MOTOR,OR TRANSPOR-TER),MOVE FROM OR INTO AIRCRAFT	
929	MAL	MMTPL01	3596	PLATFORM(PALLET PIT),RAISE AND LOWER	
929	MAL	MNFDA01	1325	DOCUMENTS,ATTACH TO RAILROAD CAR	
929	MAL	MNFDR01	178	DOCUMENTS,REMOVE FROM CARRIER	
929	MAL	MNFPSXX	VARIABLE	PLACARD,STAPLE TO FLAT SURFACE/REMOVE	213
929	MAL	MNFSA01	133	SEAL,ATTACH TO BOXCAR OR TRAILER	
929	MAL	MNFSB01	73	SEAL(BOXCAR OR TRAILER),BREAK AND ASIDE	
929	TUL	SNFCU01	17074	CARGO(AIR-GENERAL FLOOR-LOADED),UNTIE AND CHECK ON AIRCRAFT	
929	EUL	SNFCU02	6981	CARGO(AIR-U/W CODED),UNTIE AND CHECK ON AIR-CRAFT	
929	MAL	MOHBR01	288	MATERIAL(BOLT),REROLL	
929	TUL	MOHCA01	4501	CARGO,ALIGN TO RAMP ON RAMP/ELEVATOR AIRCRAFT	

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929	MAL	MOHCG01	119	CARTON(EMPTY),GET/PLACE	214
929	MAL	MOHCO01	134	COMPARTMENT(LOG-SINGLE AXLE ARTILLERY),OPEN AND CLOSE	
929	MAL	MOHCR01	329	COVERING(BURLAP),REMOVE OR REPLACE	215
929	MAL	MOHDFXX	VARIABLE	DOOR,FIREWALL,OPEN AND CLOSE	
929	MAL	MOHDM01	431	DRUM,MANHANDLE TO PALLET	
929	MAL	MOHDOXX	VARIABLE	DOORS(HINGED,DOUBLE),OPEN/CLOSE	
929	MAL	MOHDP01	518	DUNNAGE(STORAGE),POSITION MANUALLY FOR STACKING MATERIAL	
929	MAL	MOHDR01	430	DUNNAGE(STORAGE),REMOVE MANUALLY	
929	MAL	MOHGO01	723	GATE(DOUBLE),OPEN AND CLOSE	
929	MAL	MOHMF01	113	MATERIAL,FOLD(18 INCHES)	216
929	MAL	MOHMI01	357	MANDREL,INSERT OR REMOVE FROM CLOTH BOLT	
929	MAL	MOHMR01	288	MATERIAL(BOLT),REROLL	
929	TBL	MOHPH01	2534	PALLET(463L),HANDLE ONTO/OFF 10K FORKLIFT	
929	MAL	MOHPMXX	VARIABLE	PALLET(EMPTY),MANHANDLE	
929	MAF	MOHSM01	336	SHEET(METAL),MOVE BY HAND	217
929	MAF	MOHSS01	343	SHEET(METAL-LARGE),SLIDE FROM TABLE TO FLOOR	
929	MAL	MOHTH01	287	TRAY(TOTE),HANDLE AND STOW	
929	MAL	MOHTP01	132	TRAY(PLASTIC),PLACE ON CONVEYOR LINE	
929	MAL	TOHPHXX	TABLE	PACKAGE,HANDLING,MIXED LOADS	218
929	MAL	JOHMSX1	VARIABLE	MATERIAL,SELECT FROM BIN	219
929	MAL	JOHSRX1	VARIABLE	STOCK,REPLENISH IN BIN	220
929	MAL	MPHCP01	255	COPIES,PULL FROM FORM 1348-1	221
929	MAL	JPSCX1			
929	MBL	SRCSR01	10206	SHORING(HEAVY-DOOR),REMOVE FROM RAILROAD CAR	
929	MBL	SRCSR02	5897	SHORING(LIGHT),REMOVE FROM RAIL CAR DOOR	
929	MAL	SRCSR03	35598	SHORING(MAXIMUM INTERNAL),REMOVE FROM RAIL ROAD CAR	
929	MAL	SRCSR04	10968	SHORING(INTERNAL),REMOVE FROM RAILROAD CAR	
929	MAL	JRCCUX2	VARIABLE	CAR(RAIL,BOX),UNLOAD WITH GRAVITY CONVEYOR, FORKLIFT AND PALLETS	222
929	MAL	JRCRPX1	VARIABLE	RECEIPTS(CONSOLIDATED),PROCESS	223
929	MUL	JRCTUX2	VARIABLE	TRUCK(VAN/TRAILER),UNLOAD WITH GRAVITY CONVEYOR,FORKLIFT AND PALLET	224
929	MAL	MRDNV01	216	NUMBER(CAR SEAL),VERIFY	225

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929	MAL	MSHMC01	585	MATERIAL,CHECK AGAINST MANIFEST	226
929	TUL	SSHASX1	CON/VAR	AMMUNITION(PALLETIZED OR UNITIZED),SECURE IN A RAILROAD CAR	
929	TUL	SSHASX2	CON/VAR	AMMUNITION,SECURE IN VAN TRUCK	
929	TUL	SSHCT01	4084	CARGO(U/W CODED),TIEDOWN IN AIRCRAFT	227
929	MBL	SSHSI01	37564	SHORING(HEAVY),INSTALL IN BOXCAR DOOR	
929	MBL	SSHSI02	14780	SHORING(LIGHT),INSTALL IN BOXCAR DOOR	
929	MAL	SSHVSXX	VARIABLE	VEHICLE(LIGHT),SECURE TO CARRIER	
929	MAL	MTLBU01	412	BAR(PINCH),USE TO LOOSEN HEAVY SHORING	
929	MAL	MTLSR01	166	SEAL,CUT AND REMOVE WITH SIDE CUTTERS	
929	MAL	MTLWC01	666	WIRE,CUT AND REMOVE	
972	WEB	SPRC001	496	COPIER(BRUNING),OPERATE	
972	WEB	SPRC002	180	CAMERA(OVERHEAD-24 INCH),OPERATE	228
972	WEB	SPRC003	519	CAMERA(ITEK),OPERATE	
972	WEB	SPRF001	248	FRAME(VACUUM PRINTING),OPERATE	
972	WEB	SPRMP01	1082	MASTER(MULTILITH),PREPARE WITH XEROX EQUIPMENT	
976	MAA	SSUC001	VARIABLE	COVER(FILM DEVELOPER),OPEN AND CLOSE	
976	MAA	MTLFC01	243	FILM,CUT FOR SPLICING	

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		929	JPSCX1	218
AIRCRAFT(NON-PALLETIZED),OFFLOAD	VARIABLE	922	JRCAOX2	132
AIRCRAFT(PALLETIZED),LOAD 463L PALLETS WITH 10K LOADER	CON/VAR	922	KSHALX1	144
AIRCRAFT(PALLETIZED),LOAD 463L PALLETS WITH 25/40K LOADER	CON/VAR	922	KSHALX2	144
AIRCRAFT(PALLETIZED),PREPARE TO LOAD	CON/VAR	922	KJPAPX1	113
AIRCRAFT(RAMP/ELEVATOR ACCESS TYPE),ONLOAD	VARIABLE	922	JSHAOX3	155
AIRCRAFT(RAMP/ELEVATOR TYPE),OFFLOAD-PER AIR-CRAFT	VARIABLE	922	JRCAOX3	133
AIRCRAFT(RAMP/ELEVATOR TYPE),OFFLOAD U/W CODED CARGO(PER PIECE)	VARIABLE	921	KMHCUXX	73
AIRCRAFT(RAMP/ELEVATOR TYPE),OFFLOAD LOOSE CARGO(PER AIRCRAFT)	CON/VAR	922	KRCAOX1	119
AIRCRAFT/LOAD SPOT,CLEAN	CON/VAR	922	SJPSCX1	113
AIRCRAFT,LOAD BELLY-LOADED CARGO	CON/VAR	922	KSHALX3	145
AIRCRAFT,OFFLOAD LOOSE CARGO(PER AIRCRAFT)	CON/VAR	922	KRCAOX2	119
AIRCRAFT,OFFLOAD PALLETIZED CARGO-AFLC AND MAC	VARIABLE	922	JRCAOX1	131
AIRCRAFT,ONLOAD WITH NON-PALLETIZED(FLOORLOAD) MIXED CARGO	VARIABLE	922	JSHAOX2	154
AIRCRAFT,ONLOAD WITH PRE-PALLETIZED MIXED CARGO(A/C FITTED WITH A 463L RAIL SYSTEM)	VARIABLE	922	JSHAOX1	153
AIRCRAFT,PREPARE FOR LOADING MISSILE COMPONENTS	536491	929	SJPAPO1	176
AIRCRAFT,UNLOAD NON-PALLETIZED,BELLY LOADED CARGO-PER AIRCRAFT	CON/VAR	922	KRCAUX1	120
AIRCRAFT,UNLOAD 463L PALLETS WITH 10K LOADER	CON/VAR	922	KRCAUX2	121
AIRCRAFT,UNLOWD 463L PALLET WITH 25/40K LOADER	CON/VAR	922	KRCAUX3	121
AMMUNITION(PALLETIZED OR UNITIZED),SECURE IN A RAILROAD CAR	CON/VAR	929	SSHASX1	222
AMMUNITION,SECURE IN VAN TRUCK	CON/VAR	929	SSHASX2	222
ANCHOR,GET AND PLACE UNDER RAIL	146	910	MOHAGO1	3
ANCHOR,REMOVE FROM UNDER RAIL,ASIDE	122	910	MOHARO1	3
BAG(BARRIER),EVACUATE AIR WITH VACUUM	VARIABLE	920	MPKBEXX	16
BAG(BARRIER),PACK OR UNPACK	VARIABLE	920	KPKBPXX	46
BAG(BARRIER),SEAL	VARIABLE	920	MPKBSXX	17
BAG(JIFFY),PACK-ON LINE	352	920	SPKBJO1	34
BAG(JIFFY),PACK-PARCEL POST	2815	920	JPKBPX1	50

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BAG(JIFFY OR PAPER),OPEN(STAPELED)	VARIABLE	920	MPKBJXX	17
BAG(PAPER AND JIFFY),OPEN AND STAPLE CLOSED	TABLE	920	TPKBOXX	29
BAG(PLASTIC),FIT OVER 463L PALLET OF CARGO	3134	920	MPKBF01	16
BAG(PLASTIC-CARGO PROTECTOR),OBTAIN	603	920	MPKBO03	17
BAG(POLY),CLOSE WITH PAPER CLIP(DOCUMENT OR CARD INSIDE)	111	920	MPKBC01	16
BAG,OPEN AND CLOSE	VARIABLE	920	MPKBOXX	17
BAG,SEAL(HEAT)AND EXHAUST AIR-	VARIABLE	920	SPKBSXX	35
BALLAST,REMOVE EXCESS FROM TIE SPACE	83	910	MTLBR02	7
BALLAST,REMOVE FROM END OF TIE WITH SHOVEL	89	910	MTLBR01	7
BALLAST,REMOVE WITH PICK	53	910	BTLRB01	6
BAR(CLAW),ALIGN WITH SPIKE	92	910	BTLBA01	5
BAR(CLAW),DRIVE ON SPIKE WITH MAUL	VARIABLE	910	BTLBDXX	5
BAR(CLAW),PLACE ON FOUR BALL PULLER	72	910	BTLBP02	5
BAR(CLAW),PLACE ON SPIKE	120	910	BTLBP01	5
BAR(GAUGE),GET FROM ALIGNING POSITION	105	910	BGMBG01	2
BAR(GAUGE),PLACE ON RAILS	124	910	MGMBP01	2
BAR(JOINT),ASIDE(FOR RE-USE)	107	910	MOHBA01	3
BAR(JOINT),GET AND PLACE ON RAIL	128	910	MOHBG01	3
BAR(JOINT),LOOSEN WITH SPIKE MAUL	84	910	BTLBL01	5
BAR(PINCH),USE TO LOOSEN HEAVY SHORING	412	929	MTLBU01	223
BARRIER(MATERIAL),APPLY TO BASE	1280	920	MPKBA01	16
BARRIER,SEAL(HEAT)	VARIABLE	920	STLBSXX	56
BASE(MOUNTING),PREPARE	1707	920	MPKBP01	17
BASE,PREPARE AND MOUNT ITEM WITH HOIST	8149	920	SPKBM01	35
BEARING(IN PLASTIC PACK),UNPACK	259	920	SPKBU01	36
BELT,INSTALL TO OBJECT AND TO HOIST HOOK WITH SAFETY LATCH	155	921	MMHBI01	63
BELT,REMOVE FROM HOIST WITH SAFETY TYPE LATCH	VARIABLE	921	MMHBRXX	63
BIN,PREPARE TO ISSUE FROM	VARIABLE	922	MJPBIXX	111
BIN,PREPARE TO STOW/REPLENISH STOCK	VARIABLE	922	MJPBSXX	111
BIN,WIPE INSIDE WITH CLOTH	170	929	MCLBW01	170
BLOCK(SCOTCH),POSITION AND REMOVE FROM CONVEYOR	408	921	MOHBP01	74
BLOCKING(EVANS GEAR),INSTALL IN RAILROAD BOX-CAR	9800	929	MJPBI01	171
BLOCKING(EVANS GEAR),REMOVE FROM LOADED CAR	3344	929	MJPBR01	171
BLOCKING,REPLACE TO EMPTY CAR	3016	929	MJPBR02	172

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUPATION	DWMSTDP ELEMENT	PAGE
BLOCKS/BRACES,DISTRIBUTE ON CARRIER	244	929	MJPBD01	171
BLOCKS,BRACES,TIE DOWNS,OBTAIN FOR SECURING LIGHT VEHICLE TO CARRIER	CON/VAR	929	SJPBOX1	177
BOLT,OBTAIN AND POSITION	114	910	MOHBO01	3
BOLT,REMOVE WITH MAUL BLOW	84	910	BTLBR01	5
BOLT,SEAT WITH HAMMER BLOWS	83	910	BTLBS01	5
BOOMLIFT(ELECTRIC),OPERATE BOOM	VARIABLE	921	MEHBOXX	59
BOOMLIFT,MOVE	VARIABLE	921	MEHBMXX	58
BOX(TRI-WALL),ASSEMBLE TO PALLET	4467	920	MPKTA01	28
BOX(TRIPLE WALL),ASSEMBLE/COMPLETE	CON/VAR	920	SPKBCX1	34
BOX(TRIPLE WALL),ASSEMBLE/COMPLETE	6912	920	SPKBC01	34
BOX(WIREBOUND),ASSEMBLE	863	920	MPKAW01	16
BOX(WOOD),BREAK OPEN	15114	920	SPKBB01	34
BOX(WOOD),GET AND ASIDE	VARIABLE	920	MPKBGXX	16
BOX(WOOD),OPEN,CLOSE AND NAIL	VARIABLE	920	MPKOBXX	25
BOX(WOOD),PREPARE/COMPLETE,OFF LINE/LOW LINE	4680	920	SPKBP01	35
BOX(WOOD),PREPARE/COMPLETE ON LINE	3242	920	SPKBP02	35
BOX(WOOD,ORIGINAL),REPACK	VARIABLE	920	SPKBRXX	35
BOX,GET INTO POSITION TO PACK	54	920	MPKBG04	16
BOX,MOVE TO BANDING MACHINE	VARIABLE	920	MPKBMXX	17
BOX,OBTAIN	TABLE	920	TOHBOXX	14
BOX,PLACE ASIDE	TABLE	920	TOHBPXX	15
BOXCAR,SETUP FOR LOADING AMMUNITION	7268	929	SJPBL01	177
BOXCAR,SETUP FOR UNLOADING AMMUNITION	45973	929	SJPBS01	177
BOXES,ALIGN TO PALLET WITH RUBBER HAMMER	655	920	MTLBA01	54
BRACES,INSERT IN CONTAINER	575	920	MPKBI01	16
BRACKET,ATTACH TO OR REMOVE FROM OBJECT, PREPATORY TO ATTACHING OR SUBSEQUENT TO REMOVING LIFTING SLING	VARIABLE	921	MMHBAXX	63
BUNDLE,STRAP	1327	920	MTLSB01	54
CABLE(ELECTRICAL),CONNECT TO TRAILER	229	904	MJPCC01	1
CABLE(ELECTRICAL),DISCONNECT FROM TRAILER	166	904	MJPCD01	1
CABLE,CONNECT AND DISCONNECT TO BATTERY (ELECTRIC FORKLIFT TRUCK)	173	922	MEHCC01	88
CABLE,CONNECT AND DISCONNECT TO BATTERY (ELECTRIC TRANSPORTER)	258	922	MEHCC02	88
CABLES(ELEVATOR),UNHOOK ON RAMP/ELEVATOR AIRCRAFT	283	921	MMHCU02	64
CABLES,UNHOOK FROM CARGO AND HOOK TO ELEVATOR	1817	921	MMHCU01	64

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
CAMERA(ITEK),OPERATE	519	972	SPRC003	224
CAMERA(OVERHEAD=24 INCH),OPERATE	180	972	SPRC002	224
CAN(FIBER),CLOSE AND TAPE	292	920	MPKCT02	20
CAP AND SLEEVE,POSITION ON PALLET	2043	920	MPKCP01	20
CAR(GONDOLA),UNLOAD BY HEAVY DUTY FORKLIFT WITH SPECIAL LIFTING DEVICE	VARIABLE	922	JRCCUX3	136
CAR(GONDOLA=RAIL),UNLOAD WITH YARD CRANE	VARIABLE	921	JRCCUX4	78
CAR(RAIL,BOX),LOAD WITH FORKLIFT TRUCK(SOLID)	VARIABLE	922	JSHCLX1	156
CAR(RAIL,BOX),UNLOAD WITH FORKLIFT TRUCK	VARIABLE	922	JRCCUX1	134
CAR(RAIL,BOX),UNLOAD WITH GRAVITY CONVEYOR, FORKLIFT AND PALLETS	VARIABLE	929	JRCCUX2	220
CAR(RAIL,BOX=MIXED),LOAD WITH FORKLIFT TRUCK	VARIABLE	922	JSHCLX3	158
CAR(RAIL,FLAT),LOAD VEHICLES=TOW TO LOAD AREA=LOAD WITH CRANE	VARIABLE	921	JSHCLX2	85
CAR(RAIL,FLAT),LOAD WITH CRANE	VARIABLE	921	JSHCLX3	86
CAR(RAIL,FLAT),UNLOAD.TOW WHEELED VEHICLE OFF OF CAR	VARIABLE	922	JRCCUX4	137
CAR(RAIL,FLAT),UNLOAD VEHICLES WITH CRANE=TOW AWAY	VARIABLE	921	JRCCUX1	76
CAR(RAIL,FLAT),UNLOAD WITH YARD CRANE	VARIABLE	921	JRCCUX3	77
CAR(RAIL,FLAT),UNLOAD WITH FORKLIFT=UNIT LOADS	VARIABLE	922	JRCCUX5	138
CAR(RAIL,FLAT=MIXED OR SOLID),LOAD=TOW ON	VARIABLE	922	JSHCLX5	160
CAR(RAIL,FLAT=SOLID OR MIXED),LOAD WITH FORK=LIFT=UNIT LOADS	VARIABLE	922	JSHCLX4	159
CAR(RAIL,GONDOLA),LOAD WITH CRANE	VARIABLE	921	JSHCLX1	84
CAR(RAIL,GONDOLA=SOLID/MIXED),LOAD CONEX WITH HEAVY DUTY FORKLIFT AND SPECIAL DEVICE	VARIABLE	922	JSHCLX6	161
CAR(RAIL,REFRIGERATED,40 FOOT=SOLID),UNLOAD	VARIABLE	922	JRCCUX2	135
CAR(SPECIAL,BI=LEVEL,TRI=LEVEL,TTX),UNLOAD	VARIABLE	922	JRCCUX6	139
CAR(40 FOOT REFRIGERATED),LOAD	VARIABLE	922	JSHCLX2	157

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
CARD/DOCUMENT,STAPLE TO CONTAINER	145	920	MNFCS01	13
CARGO(AIR),PLACE ON WAREHOUSE PALLET,POSITION PALLET FOR MOVEMENT TO AIRCRAFT	CON/VAR	922	KSHCPX1	151
CARGO(AIR-GENERAL FLOOR-LOADED),UNTIE AND CHECK ON AIRCRAFT	17074	929	SNFCU01	211
CARGO(AIR-U/W CODED),ASSEMBLE FOR MOVEMENT TO RAMP/ELEVATOR AIRCRAFT	CON/VAR	922	KSHCAX1	146
CARGO(AIR-U/W CODED),UNTIE AND CHECK ON AIR-CRAFT	6981	929	SNFCU02	211
CARGO(LOOSE),LOAD ON RAMP/ELEVATOR AIRCRAFT	CON/VAR	922	KSHCLX9	150
CARGO(PALLETIZED-BULK OR UNIT LOAD),POSITION ON DOCK OR IN BULK STORAGE	CON/VAR	922	KJPCPX1	115
CARGO(PALLETIZED-463L),DE-NET	16387	920	MPKCD01	18
CARGO(SECURITY),MOVE FROM SECURITY CAGE/ROOM	CON/VAR	922	SEHCMX1	97
CARGO(U/N CODED),MOVE TO AIRCRAFT LOAD SPOT	CON/VAR	922	KSHCMX1	222
CARGO(U/W CODED),LOAD ON RAMP/ELEVATOR AIR-CRAFT	CON/VAR	921	KSHLCX4	83
CARGO(U/W CODED),MOVE FROM LOAD SPOT TO STORAGE/HOLD AREA	CON/VAR	922	KRCCMX1	122
CARGO(U/W CODED),TIEDOWN IN AIRCRAFT	4084	929	SSHCT01	196
CARGO(U OR W CODED),WINCH UP RAMP INTO AIRCRAFT AND POSITION IN EXACT LOCATION	16503	921	MMHCW01	64
CARGO(463L PALLET),LOAD USING 25/40K LOADER	14238	921	SMHCL01	72
CARGO(463L PALLET),OFFLOAD WITH 25/40 K LOADER	14436	921	SMHCO01	72
CARGO,ALIGN TO RAMP ON RAMP/ELEVATOR AIRCRAFT	4501	929	MOHCA01	199
CARGO,CHECK IDENTITY	1019	922	MIDCC01	110
CARGO,CYCLE WITHIN PIT LOOP TO AID SELECTION	1136	921	MMHCC01	63
CARGO,MOVE ON CONVEYOR	VARIABLE	921	MMHCMXX	64
CARRIER(BI-LEVEL,TRI-LEVEL,AND TTX CAR), PREPARE TO LOAD WHEELED VEHICLES	CON/VAR	929	KJPCPX1	148
CARRIER(BI-LEVEL,TRI-LEVEL,TTX RAIL CAR), PREPARE FOR UNLOADING VEHICLES	CON/VAR	929	KJPCPX4	146
CARRIER(COMMON),LOAD BY WAREHOUSE CRANE	CON/VAR	921	KSHCLX2	82
CARRIER(COMMON-RAIL),UNLOAD TO STORAGE-VEHICLE	CON/VAR	922	KRCCUXC	122
CARRIER(FLATBED),LOAD(MOVE LOAD FROM STORAGE BY FORKLIFT AND LOAD ON FLATBED BY CRANE)	CON/VAR	921	KSHCLX3	82
CARRIER(FLATBED),LOAD FROM HOLD AREA-PALLET	CON/VAR	922	KSHCLX3	147
CARRIER(FLATBED TRUCK),LOAD THROUGH CENTRAL SHIPPING-PALLETS	CON/VAR	922	KSHCLXA	179
CARRIER(FLATBED TRUCK),LOAD,BLOCK AND BRACE A WHEELED VEHICLE	CON/VAR	922	KSHCLX1	180
CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD WITH FORKLIFT TRUCKS	CON/VAR	929	KJPCPXA	180

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
CARRIER(FLATBED TRUCK),PREPARE FOR LOADING BY TRUCK CRANE	CON/VAR	929	KJPCPXB	180
CARRIER(FLATBED TRUCK),PREPARE FOR LOADING BY TOW VEHICLES	CON/VAR	929	KJPCPXC	180
CARRIER(FLATBED TRUCK),PREPARE TO LOAD BY FORKLIFT TRUCKS(TWO)	CON/VAR	929	KJPCPXD	181
CARRIER(FLATBED TRUCK),PREPARE TO LOAD WITH YARD CRANE AND FORKLIFT TRUCK	CON/VAR	929	KJPCPXE	181
CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD BY CRANE TRUCK,WAREHOUSE	CON/VAR	929	KJPCPXP	190
CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD WITH YARD CRANE	CON/VAR	929	KJPCPX8	202
CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD WITH TOW VEHICLE	CON/VAR	929	KJPCPX9	202
CARRIER(FLATBED TRUCK),UNLOAD AND MOVE TO STORAGE-WHEELED VEHICLE	CON/VAR	922	KRCCUXE	123
CARRIER(FLATBED TRUCK),UNLOAD TO STORAGE-PALLET	CON/VAR	922	KRCCUX9	125
CARRIER(FLATCAR),UNLOAD WHEELED VEHICLE WITH CRANE	CON/VAR	921	KRCCUX4	75
CARRIER(GONDOLA CAR),LOAD CONEX	CON/VAR	922	KSHCLX2	147
CARRIER(GONDOLA CAR),PREPARE TO UNLOAD WITH FORKLIFT TRUCK	CON/VAR	929	KJPCPXH	184
CARRIER(GONDOLA CAR),UNLOAD CONEX	CON/VAR	922	KRCCUX2	123
CARRIER(RAIL BOXCAR),PREPARE TO UNLOAD BY GRAVITY CONVEYOR,FORKLIFT AND PALLETS	CON/VAR	929	KJPCPX3	198
CARRIER(RAIL BOXCAR),PREPARE TO LOAD BY FORKLIFT TRUCK	CON/VAR	929	KJPCPX7	201
CARRIER(RAILCAR),LOAD FROM STORAGE-PALLETS	CON/VAR	922	KSHCLX7	149
CARRIER(RAILCAR),LOAD PALLET FROM PACKING	CON/VAR	922	KSHCLX6	149
CARRIER(RAILCAR),UNLOAD TO STORAGE,PALLETS	CON/VAR	922	KRCCUX8	124
CARRIER(RAIL FLATCAR),LOAD AND BLOCK AND BRACE WHEELED VEHICLE ON CARRIER	CON/VAR	922	KSHCLXC	147
CARRIER(RAIL FLATCAR),PREPARE TO LOAD VEHICLE BY YARD CRANE	CON/VAR	929	KJPCPXR	191
CARRIER(RAIL FLATCAR),PREPARE TO UNLOAD WITH CRANE	CON/VAR	929	KJPCPXS	192
CARRIER(RAIL FLATCAR),PREPARE TO UNLOAD VEHICLES WITH YARD CRANE-TOW AWAY	CON/VAR	929	KJPCPXT	193
CARRIER(RAIL FLATCAR),PREPARE FOR UNLOADING-TOW VEHICLE FROM CAR	CON/VAR	929	KJPCPXU	194
CARRIER(RAIL FLATCAR),PREPARE TO UNLOAD WITH FORKLIFT TRUCK	CON/VAR	929	KJPCPXV	195
CARRIER(RAIL FLATCAR),PREPARE TO LOAD WITH FORKLIFT-UNIT LOADS	CON/VAR	929	KJPCPX5	199
CARRIER(RAIL FLATCAR),PREPARE TO LOAD TOWED VEHICLE ONTO CAR	CON/VAR	929	KJPCPX6	200

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
CARRIER(RAIL GONDOLA CAR),PREPARE TO UNLOAD WITH CRANE AND FORKLIFT TRUCK	CON/VAR	929	KJPCPXJ	185
CARRIER(RAIL GONDOLA CAR),PREPARE TO LOAD WITH YARD CRANE OR FORKLIFT TRUCK	CON/VAR	929	KJPCPXK	186
CARRIER(RAILROAD BOXCAR),PREPARE TO UNLOAD BY FORKLIFT TRUCK	CON/VAR	929	KJPCPX2	197
CARRIER(RAILROAD FLATCAR),LOAD WHEELED VEHICLE BY CRANE	CON/VAR	921	KSHCLX1	82
CARRIER(TRUCK),LOAD PALLET FROM STORAGE	CON/VAR	922	KSHCLX4	148
CARRIER(TRUCK),UNLOAD THROUGH CENTRAL RECEIVING TO STORAGE LOCATION-PALLET	CON/VAR	922	KRCCUX5	124
CARRIER(VAN TRUCK),LOAD PALLET THROUGH CENTRAL SHIPPING	CON/VAR	922	KSHCLX5	148
CARRIER(VAN TRUCK),PREPARE FOR LOADING AMMUNITION	8628	929	KJPCP01	203
CARRIER(VAN TRUCK),UNLOAD TO STORAGE WITH FORK LIFT-PALLET	CON/VAR	922	KRCCUXB	122
CARRIER(VAN TRUCK/TRAILER),LOAD AT AIR TERMI-NAL	VARIABLE	922	KEHCLX1	104
CARRIER(VAN TRUCK/TRAILER),PREPARE TO UNLOAD WITH GRAVITY CONVEYOR,FORKLIFT AND PALLETS	CON/VAR	929	KJPCPXL	187
CARRIER(VAN TRUCK/TRAILER),PREPARE TO UNLOAD WITH FORKLIFT TRUCK	CON/VAR	929	KJPCPXM	188
CARRIER(VAN TRUCK/TRAILER),PREPARE TO UNLOAD AT CENTRAL RECEIVING	CON/VAR	929	KJPCPXN	189
CARRIER(VAN TRUCK/TRAILER),PREPARE TO LOAD AT CENTRAL SHIPPING	CON/VAR	929	KJPCPXQ	191
CARRIER(VAN TRUCK/TRAILER),PREPARE TO LOAD BY FORKLIFT TRUCK	CON/VAR	929	KJPCPXW	196
CARRIER(40 FOOT RAIL REFRIGERATED CAR),PREPARE TO LOAD	CON/VAR	929	KJPCPXG	183
CARRIER(40 FOOT REFRIGERATOR RAIL CAR),PREPARE TO UNLOAD	CON/VAR	929	KJPCPXF	182
CARRIER,UNLOAD BY CRANE AND MOVE MATERIAL TO STORAGE LOCATION BY FORKLIFT	CON/VAR	921	KRCCUX1	74
CARRIER,UNLOAD BY CRANE AND MOVE MATERIAL TO STORAGE LOCATION BY FORKLIFT TRUCK	CON/VAR	921	KRCCUX2	74
CART(EMPTY),PUSH ASIDE	262	929	MMHCP07	206
CART(LOADED),PUSH	TABLE	929	TMHCPXX	209
CART,PUSH	VARIABLE	929	MMHCPXX	206
CARTON(EMPTY),GET/PLACE	119	929	MOHCG01	211
CARTON(EXTERIOR CONTAINER),PACKAGE ITEM AND SEAL	TABLE	920	TPKCPXX	32
CARTON(FIBERBOARD),PACK FOR PARCEL POST	VARIABLE	920	JPKCPX1	52
CARTON(FIBERBOARD),PACK ON LINE	VARIABLE	920	JPKCPX2	53

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
CARTON(FIBERBOARD),PREPARE AND COMPLETE	TABLE	920	SPKCCXX	37
CARTON(INTERIOR),COMPLETE AND OVERWRAP	2150	920	SPKCC01	37
CARTON(INTERIOR CONTAINER),PACKAGE ITEM AND SEAL	VARIABLE	920	SPKCPXX	38
CARTON(SEALED),OPEN	VARIABLE	920	MPKCOXX	20
CARTON-OVERWRAP AND TAPE	836	920	MPKCT01	20
CARTON/DOCUMENT,ANNOTATE WITH WEIGHT AND CUBE	116	920	MWRCA01	58
CARTON,ASSEMBLE	TABLE	920	TPKCAXX	30
CARTON,CLOSE AND SEAL	TABLE	920	TPKCCXX	31
CHOCKS,GET AND ASIDE	138	929	MJPCG01	172
CHOCKS,POSITION TO WHEELS	109	929	MJPCP01	172
CHOCKS,REMOVE FROM WHEEL	228	929	MJPCR01	172
CLAMP(C-TYPE),PLACE ON RAIL FLANGE	89	910	MCPCP01	2
CLIP,INSTALL TO 1 1/4 INCH BANDING	232	920	MPKCI01	19
CLIP,INSTALL TO 5/8 OR 3/4 INCH BANDING	57	920	MPKCI02	19
COMPARTMENT(LOG-SINGLE AXLE ARTILLERY),OPEN AND CLOSE	134	929	MOHC001	211
COMPOUND(STRIPPABLE),APPLY(SINGLE DIP)	1241	920	MDPCA01	9
COMPOUND(STRIPPABLE),APPLY(DOUBLE DIP)	1232	920	MDPCA02	9
CONEX,CLEAN IN PREPARATION FOR LOADING	3792	920	MJPCC01	13
CONEX,CLOSE AND SEAL	1514	920	MPKCC02	18
CONEX,PREPARE/COMPLETE FOR LOADING	13989	920	SPKCC03	38
CONEX,STENCIL	3969	920	SIDCS01	12
CONTAINER(BULK),WEIGH,MEASURE AND CUBE	5165	920	SPKCW02	39
CONTAINER(BULK),WEIGH AND MEASURE	1180	920	MGMCW02	10
CONTAINER(CARDBOARD),OPEN,STAPLED OR GLUED FLAP	137	920	MPKOC01	25
CONTAINER(CARDBOARD),OPEN	184	920	MPKOC02	25
CONTAINER(CYLINDRICAL),OPEN AND UNPACK	352	920	SPKCO01	38
CONTAINER(LIGHT PACK),WEIGH	499	920	MGMCW01	10
CONTAINER(PARCEL POST),LOAD FOR SHIPMENT	CON/VAR	922	KSHCLX8	149
CONTAINER(PARCEL POST),WEIGH AND LABEL	799	920	SPKCW01	39
CONTAINER(RIGID METAL),CLOSE AND SEAL	1434	920	MPKRC01	27
CONTAINER(TRI-WALL),OPEN	1578	920	MPKT001	29
CONTAINER,BLUNT CORNERS	410	920	MPKCB01	18
CONTAINER,DIP	VARIABLE	920	MDPCDXX	9
CONTAINER,MARK WITH DATE,NUMBER OF PIECES AND ORDER NUMBER	437	922	MWRCM01	168

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
CONTAINER,OBTAIN EMPTY AND ASIDE FULL	193	920	MOHC001	13
CONTAINER,PREPARE TO HOLD BIN ISSUE	VARIABLE	922	MOHCPXX	116
CONTAINER,RAISE AND PLACE DUNNAGE FOR EASY PICKUP	2544	922	MEHCR01	89
CONTAINER,STENCIL/LABEL/STRAP-OFF LINE/LOW LINE	18208	920	SPKCS01	39
CONTAINER,STENCIL/LABEL/STRAP-ON LINE	6560	920	SPKCS02	39
CONTAINER,TURN (SLIDE)	TABLE	920	TOHCTXX	15
CONTAINER PLASTIC),TEAR APART	355	920	SPKCT01	39
CONTAINERS(CONSOLIDATED RECEIPTS),PREPARE AND DISPOSE	CON/VAR	922	KPKCPX1	118
CONTAINERS,LOAD INTO BOX	121	920	MPKCL01	19
CONVEYOR(ROLLER),SET UP AND BREAK DOWN	41700	921	SJPCS01	62
CONVEYOR(SKATE OR ROLLER),SET UP AND DISMANTLE	51572	921	MMHCS01	64
CONVEYOR TRAVEL TIME	100	921	BMTCT01	73
COPIER(BRUNING),OPERATE	496	972	SPRC001	223
COPIES,PULL FROM FORM 1348-1	255	929	MPHCP01	210
CORD,CUT WITH SCISSORS	131	920	MTLCC01	54
COVER(FILM DEVELOPER),OPEN AND CLOSE	VARIABLE	976	SSUC001	224
COVERING(BURLAP),REMOVE OR REPLACE	329	929	MOHCR01	212
CRANE(TRUCK,WAREHOUSE),OPERATE	TABLE	921	TEHCOXX	61
CRATE(ASSEMBLED),ATTACH TO SKID WITH LAG BOLTS	2904	920	MTLCA01	54
CRATE(PREFABRICATED),ASSEMBLE	37638	920	SPKCA01	36
CRATE(WIREBOUND),CLOSE FRONT AND BACK	267	920	MPKCC01	18
CRATE(WIREBOUND),OPEN WITH HAMMER	137	920	MPKC007	20
CRATE(WIREBOUND),SECURE WITH WIRE LATCH	301	920	MPKCS01	20
CRATE,ASSEMBLE(OFF LINE/LOW LINE)	39542	920	SPKCA02	36
CRATE,PREPARE/COMPLETE ON LINE	22176	920	SPKCC02	37
CREW/EQUIPMENT,ASSEMBLE AND MOVE TO AIRCRAFT TO UNLOAD	VARIABLE	922	KJPCAXX	114
CREW/EQUIPMENT,ASSEMBLE AND PREPARE TO OFF-LOAD AIRCRAFT	CON/VAR	922	KJPCAX1	114
CREW/EQUIPMENT,ASSEMBLE AND MOVE TO AIRCRAFT PARKING AREA TO UNLOAD-10K OR 25/40K LOADER	VARIABLE	922	KJPEAXX	116
CREW/EQUIPMENT,TRAVEL TO"HOT SPOT"LOADING AREA	CON/VAR	922	KJPCTX1	115
CUBE,COMPUTE USING COMPUTER(SLIDE RULE TYPE)	245	929	MCACC01	170
CUSHIONING,APPLY	VARIABLE	920	MPKCAXX	18
CUSHIONING,GET	VARIABLE	920	MPKCGXX	19
DECAL OR ENVELOPE(PRESSURE SENSITIVE),APPLY TO SURFACE	VARIABLE	920	MIDDAXX	10

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
DELETE-BAD ENTRY		922	JEHSSXZ	108
DESICCANT/INDICATOR,GET FROM DISPENSER	250	920	MPKDG01	21
DESICCANT OR HUMIDITY INDICATOR,ATTACH TO ITEM	416	920	MPKDA01	20
DESICCANT OR HUMIDITY INDICATOR,PUT IN BAG OR CONTAINER	298	920	MPKDP01	21
DIALS,SET TO ZERO ON MEASURING DEVICE(CLOTH)	130	929	MGMDS01	170
DOCK(HYDRAULIC),OPERATE	2009	921	MMTDO01	74
DOCUMENT(PER LINE ITEM ISSUED),PROCESS AND ATTACH TO CONTAINER	1511	922	KWRDP01	169
DOCUMENT,PLACE INTO PLASTIC PROTECTOR,TO 9X11 INCHES	86	920	MPHDP03	15
DOCUMENT,PROCESS PER CONEX	1129	920	SPKDP01	39
DOCUMENT,PROCESS PER PACK-MULTIPLE LINE ITEM PER PACK	2143	920	SPKDP02	40
DOCUMENT,TAPE TO CONTAINER	VARIABLE	920	MNFDTXX	13
DOCUMENTS(AND TOTE TRAYS),ASSEMBLE FOR ISSUE	478	922	SJPDA01	112
DOCUMENTS(BUNDLE),PLACE OR REMOVE FROM CONTAINER	VARIABLE	920	MPHDPXX	15
DOCUMENTS(PER BUNDLED OR BANDED ITEMS),PROCESS	1524	920	SPKDP06	40
DOCUMENTS(PER JIFFY BAG PACKED),PROCESS	1664	920	SPKDP07	40
DOCUMENTS(RECEIVING),REMOVE,MATCH AND ATTACH TO CONTAINER	1263	922	SIDDR01	111
DOCUMENTS,ATTACH TO RAILROAD CAR	1325	929	MNFDA01	210
DOCUMENTS,PROCESS PER LINE ITEM-SINGLE LINE ITEM PER PACK OR MULTIPLE PACKS PER LINE ITEM	2616	920	SPKDP04	40
DOCUMENTS,PROCESS PER LINE ITEM-MULTIPLE LINE ITEMS PER PACK	1763	920	SPKDP05	40
DOCUMENTS,PROCESS PER PACKED AS RECEIVED	2616	920	SPKDP03	40
DOCUMENTS,REMOVE FROM CARRIER	178	929	MNFDR01	210
DOLLY(FURNITURE-NON POWERED),MOVE BY HAND	301	929	MMHTM01	208
DOLLY(PALLET),MOVE MANUALLY WITHIN CARRIER	1418	929	MMHDM01	207
DOLLY(PALLET),PLACE IN CARRIER BY FORKLIFT TRUCK AND RETURN DOLLY TO STORAGE	CON/VAR	922	SEHDPX1	98
DOOR(BOXCAR),CLOSE,SINGLE AND DOUBLE(ONE SIDE)	VARIABLE	929	MJPDCXX	172
DOOR(BOXCAR),OPEN,SINGLE	273	929	MJPDO10	173
DOOR(BOXCAR),SECURE WITH CAM AND HASP	137	929	MJPDS01	173
DOOR(BOXCAR),UNLATCH	171	929	MJPDU01	173
DOOR(MULTI-SIDE HUT),OPEN AND SECURE	VARIABLE	929	SJPD8XX	177
DOOR(CONEX),OPEN AND CLOSE	1448	920	MPKD001	21
DOOR(DOUBLE-BOXCAR),OPEN	580	929	MJPDO11	173
DOOR(DOUBLE,BOXCAR),BREAK SEAL,OPEN FROM DOCK	891	929	MJPDO12	173

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTOP ELEMENT	PAGE
DOOR(SLIDING DOUBLE),OPEN OR CLOSE(BUTLER HUT)	VARIABLE	929	MJPDHXX	172
DOOR(TRAILER),OPEN AND CLOSE(ATTACH/REMOVE SEAL)	VARIABLE	929	MJPDTXX	173
DOOR(TRAILER-SIDE AND/OR REAR),OPEN AND CLOSE	VARIABLE	929	MJPDOXX	173
DOOR,FIREWALL,OPEN AND CLOSE	VARIABLE	929	MOHDFXX	212
DOORS(BUILDING),OPEN AND SECURE	VARIABLE	929	SJPDOXX	178
DOORS(HINGED,DOUBLE),OPEN/CLOSE	VARIABLE	929	MOHDOXX	212
DOORS(MAGAZINE),OPEN AND SECURE	1649	929	SJPD003	178
DRUM,MANHANDLE TO PALLET	431	929	MOHDM01	212
DRUMS(55 GAL)OR CYLINDERS,SELECT FROM STORAGE, (FULL OR PARTIAL PALLETS)	VARIABLE	922	JEHDSX1	105
DUNNAGE(STORAGE),POSITION MANUALLY FOR STACKING MATERIAL	518	929	MOHDP01	212
DUNNAGE(STORAGE),REMOVE MANUALLY	430	929	MOHDR01	212
ELEVATOR(CARGO),LOWER OR RAISE	2467	921	MMHEL01	64
END(CRATE),GET AND INSTALL	162	920	MOHEG01	13
ENVELOPE(TACKED TO CARRIER WALL),TEAR OPEN	73	922	MNFE001	116
ENVELOPE,NAIL TO CONTAINER	811	920	MPKEN01	21
EQUIPMENT(ELECTRIC FORKLIFT AND DOOR PLATE), SET UP AND SECURE	2360	922	SJPES01	112
EQUIPMENT(LIGHTING),OPERATE	VARIABLE	929	SACEOXX	212
FILM,CUT FOR SPLICING	243	976	MTLFC01	169
FLAG(BLUE SAFETY),INSTALL AND REMOVE FROM RAILCAR	69	929	MJPFS03	224
FLAG(BLUE SAFETY),INSTALL OR REMOVE FROM OR ON RAIL CAR	1119	929	MJPFS04	174
FLAGS(SAFETY),INSTALL/REMOVE(RAILROAD CAR)	VARIABLE	929	MJPFSXX	174
FORKLIFT(ELECTRIC),OPERATE	TABLE	922	TEHFEXX	93
FORKLIFT(ELECTRIC),OPERATE	TABLE	922	TEHOFXX	95
FORKLIFT TRUCK(THREE TON CAPACITY),OPERATION	TABLE	922	TEHFOXX	94
FORKLIFT TRUCK(3000-6000 POUND),LOAD/UNLOAD TO OR FROM CARRIER WITH 15000 POUND FORKLIFT	8104	922	SEHFL01	98
FORKLIFT TRUCK-K-LOADER,MOUNT,START,STOP AND DISMOUNT	VARIABLE	922	MEHFMXX	89
FORKLIFT TRUCK-TRACTOR,TRAVEL	TABLE	922	TEHFTXX	95
FORKLIFT TRUCK,OPERATE	VARIABLE	922	MEHFO[illegible]	89
FORKLIFT TRUCK,OPERATIONS IN STORAGE AND STRAPPING AREA	2020	922	SEHF001	98
FORKLIFT TRUCK,PREPARE TO OPERATE	VARIABLE	922	MEHFPXX	89
FORKLIFT TRUCK,TRAVEL INTO/OUT OF BOXCAR OR TRAILER	TABLE	922	TEHFBXX	92

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
FRAME(BOX),STAPLE CORNER WITH A SPOTNAILER	537	920	MPKFS01	21
FRAME(VACUUM PRINTING),OPERATE	248	972	SPRF001	224
FRAMES(SECTIONS),ASSEMBLE(BOX PALLET)	2897	920	MPKFA01	21
GASKET,SECURE AND SEAL TO PRE-MOUNTED BOLT	153	920	MPKGS01	21
GATE(DOUBLE),OPEN AND CLOSE	723	929	MOHG001	212
HANDLE(JACK),PICK UP	93	910	MTLHP01	7
HANDLE,PLACE IN JACK	75	910	MTLHP02	7
HARDWARE,LOAD ON HANDCAR ALONG RIGHT OF WAY	150	910	SOHHL01	4
HARDWARE,LOAD ONTO HANDCAR OR UNLOAD FROM OR TO STORAGE	221	910	SOHHL02	4
HARDWARE,UNLOAD HANDCAR ALONG RIGHT OF WAY	98	910	SOHHU01	4
HOIST(A-FRAME),OPERATE	TABLE	921	TMHHOXX	69
HOIST(BRIDGE CRANE),OPERATE/MOVE	TABLE	921	TMHHMXX	68
HOIST(FLOOR CRANE),OPERATE/MOVE/RAISE/LOWER	TABLE	921	TMHHLXX	67
HOIST(JIB CRANE),OPERATE/MOVE/RAISE/LOWER	TABLE	921	TMHHRXX	71
HOIST(MONORAIL),OPERATE/MOVE/PULL	TABLE	921	TMHHPXX	70
HOIST(OVERHEAD),ATTACH TO ITEM	78	921	MMHHA09	65
HOIST(OVERHEAD),DETACH FROM ITEM	155	921	MMHHD01	65
HOIST(POWER,AIR OR ELECTRIC),OPERATE	VARIABLE	921	MEHHOXX	59
HOIST,ATTACH,MOVE ITEM INTO CONTAINER AND DETACH HOIST	907	921	MMHHA08	65
HOIST,ATTACH,MOVE ITEM TO BASE AND DETACH	1016	921	MMHHA07	65
HOIST,COMMENCE MOTION MANUALLY	VARIABLE	921	BMHHCXX	62
HOIST,STOP MOVEMENT MANUALLY	VARIABLE	921	BMHHSXX	62
HOOK(PLAIN,CABLE OR HOIST),REMOVE	VARIABLE	921	BMHHRXX	62
HOOK,ATTACH TO EYELET,BELT,CABLE OR SIMILAR DEVICE	VARIABLE	921	MMHHAXX	65
HOSE(AIR BRAKE),CONNECT TO TRAILER	561	904	MJPHC01	1
HOSE(AIR BRAKE),DISCONNECT FROM TRAILER	515	904	MJPHD01	1
IGLOO/MAGAZINE,SET UP AND SECURE	VARIABLE	929	KJPISXX	203
INFORMATION(P AND P METHODS),LOCATE FROM CARD FILE AND MANUAL	636	920	MFLIL01	9
ITEM(S),INSERT AND ALIGN IN CONTAINER	TABLE	920	TPKIIXX	33
ITEM(SUPPORTED),PLACE IN BAG	VARIABLE	920	MPKIPXX	22
ITEM,DIP IN MOLTEN COMPOUND(SINGLE DIP)	475	920	MDPID01	9
ITEM,INSERT INTO BAG,PAPER OR JIFFY	VARIABLE	920	MPKIIXX	22
ITEM,MOUNT TO BASE USING OVERHEAD HOIST	3355	921	SMHIM01	72
ITEM,MOVE TO BASE WITH OVERHEAD HOIST	783	921	MMHIM01	65

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
ITEM,PACKAGE IN BLISTER PACKAGE	527	920	SPKIP08	42
ITEM,PACKAGE IN FIBER CAN,SEAL WITH TAPE	1439	920	SPKIP02	42
ITEM,PACKAGE IN INTERIOR AND EXTERIOR CARTON	TABLE	920	SPKIPXX	41
ITEM,PACKAGE IN OIL AND SEAL(MACHINE)	593	920	SPKIP10	43
ITEM,PACKAGE IN REUSABLE METAL CONTAINER	12986	920	SPKIP11	43
ITEM,PACKAGE IN RIGID CONTAINER-MACHINE SEALED	1388	920	SPKIP03	42
ITEM,PACKAGE IN RIGID CONTAINER-RING SEAL	2534	920	SPKIP04	42
ITEM,PACKAGE IN SKIN PACKAGE,VACUUM FORMED WITH CUSHIONING	1363	920	SPKIP07	42
ITEM,PACKAGE IN STRIPPABLE COMPOUND-FOIL WRAP	1944	920	SPKIP05	42
ITEM,PACKAGE IN STRIPPABLE COMPOUND(NO WRAP)	1503	920	SPKIP06	42
ITEM,PACKAGE IN WOODBOX(FINAL SHIPPING CONTAINER)-WITH HOIST	4564	920	SPKIP01	41
ITEM,PLACE IN CONTAINER WITH OVERHEAD HOIST	674	921	MMHIP01	66
ITEM,PREPARE BASE FOR AND MOUNT WITH HOIST(NO BARRIER)	5062	920	SPKIM01	41
ITEM,PREPARE TO PACKAGE IN OIL PRESERVATIVE	155	920	MPKIP04	22
ITEM,SEAL IN HEAT SEALED BAG	VARIABLE	920	SPKISXX	43
ITEM,SEAL IN HEAT SEALED BAG WITH FIBERBOARD SUPPORT	1956	920	SPKIS03	43
ITEM,SUPPORT WITH FIBERBOARD	87	920	MPKIS01	22
ITEM,WRAP AND PLACE IN HEAT SEAL BAG	VARIABLE	920	MPKIWXX	22
ITEM,WRAP AND PLACE IN RIGID CONTAINER	470	920	MPKIW05	23
ITEM,WRAP IN BARRIER OR WADDING	VARIABLE	920	MPKIBXX	22
ITEM,WRAP WITH LOCK-FOLD WRAP	313	920	MPKIW04	23
JACK(EVANS GEAR),GET AND ASIDE	143	929	MJPJG01	174
JACK,GET FROM UNDER RAIL	101	910	MTLJG01	7
JACK,PLACE UNDER RAIL AND TIGHTEN	VARIABLE	910	MTLJPXX	8
JACK,RELEASE FROM RAIL	155	910	MTLJR01	8
K LOADER(25/40K),POSITION TO TRANSFER DOCK	5179	922	MEHKP03	90
K LOADER(25/40 K),POSITION PRECISELY AT RAIL/ ROLLER SYSTEM	1467	922	MEHKP04	90
K LOADER,POSITION TO AIRCRAFT	VARIABLE	922	MEHKPXX	90
LABEL(BIN),STAMP	2669	929	MIDLS01	171
LABEL(PRE-PRINTED ON 1348-1),APPLY	300	920	MIDLA05	11
LABEL(S),ATTACH TO CONTAINER	TABLE	920	TIDLAXX	12
LABEL,ATTACH TO CONTAINER	VARIABLE	920	MIDLAXX	11
LABELS,STAMP WITH STENCIL ON ROLL STAMP	VARIABLE	920	SIDLSXX	12
LADDER(BOXCAR),CLIMB,FROM GROUND TO DOCK	195	929	MBMLC01	169

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTOP ELEMENT	PAGE
LADDER(BOXCAR),CLIMB,FROM DOCK TO GROUND	168	929	MBMLC02	169
LEVEL,GET FROM RAIL	96	910	MTLLG01	8
LEVEL,PLACE ON RAIL	120	910	MTLLP01	8
LID(WIREBOUND CRATE),OPEN	52	920	MPKL001	23
LID(WOOD BOX),NAIL CLOSE	VARIABLE	920	MPKLNXX	23
LID(WOOD BOX),REMOVE	VARIABLE	920	MPKLRXX	24
LID,PLACE ON FIBERCAN	125	920	MPKLP01	23
LID,PLACE ON TRIPLE-WALL CONTAINER	233	920	MPKLP03	24
LID,SEAL TO METAL CONTAINER(MACHINE SEAL)-MANUALLY OPERATED	245	920	MPKLM01	23
LID,SEAT GASKET,ATTACH TO METAL CONTIANER-MACHINE SEAL	125	920	MPKLS01	24
LID AND LOCKING RING,PLACE ON METAL CONTAINER	283	920	MPKLP02	24
LINE ITEMS,COUNT NUMBER ON A SHEET	VARIABLE	922	MRDLCXX	144
LINER(CARDBOARD),PLACE IN BOX	163	920	MJPLP02	13
LINER(PAPER),PLACE IN CONTAINER	466	920	MJPLP01	13
LIST(PACKING),ATTACH TO CONTAINER	VARIABLE	920	MPKLAXX	23
LOAD,PICK UP WITH FORKLIFT,MOVE AND STACK	1789	922	SEHLP01	98
LOADING SPOT (AIRCRAFT),CLEAN(AFTER LOADING)	VARIABLE	929	SJPSCX1	178
LOADING SPOT(AIRCRAFT),CLEAN UP	9999	929	SJPSC02	179
LOADING SPOT/AIRCRAFT,CLEAN	6788	929	SJPSC01	179
LOADING SPOT,CLEAN AFTER LOADING	CON/VAR	929	KJPLCX1	203
LOCK(PALLET-463L),ACTUATE	VARIABLE	929	MACLAXX	169
LOCK PIN(FIFTH WHEEL),RELEASE	64	904	MJPLR01	2
MANDREL,INSERT OR REMOVE FROM CLOTH BOLT	357	929	MOHMI01	213
MANIFEST(AIR CARGO),OBTAIN FROM PILOT,SIGN FOR SPECIAL HANDLING	882	922	SRCM001	118
MASTER(MULTILITH),PREPARE WITH XEROX EQUIPMENT	1082	972	SPRMP01	117
MATERIAL(BOLT),DISMOUNT FROM DISPENSING RACK	2258	929	MJPMD01	224
MATERIAL(BOLT),MOUNT ON DISPENSING RACK	2243	929	MJPMM01	174
MATERIAL(BOLT),MOVE END THROUGH MEASURING DEVICE	157	929	MGMMM01	175
MATERIAL(BOLT),OBTAIN FROM STORAGE	2857	929	MJPM001	170
MATERIAL(BOLT),PREPARE TO ISSUE	2455	929	SJPMP01	175
MATERIAL(BOLT),REROLL	288	929	MOHBR01	178
MATERIAL(BOLT),REROLL	288	929	MOHMR01	211
MATERIAL(BOLT),RETURN TO STORAGE	CON/VAR	922	SEHMRX1	99
MATERIAL(BOLT),SELECT AND CUT	VARIABLE	922	JOHMSX1	117

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	[illegible]	[illegible]	[illegible]
MATERIAL(BULK),LOAD OR UNLOAD WITH CRANE	24311	921	[illegible]	[illegible]
MATERIAL(CUSHIONING),CUT WITH POWER CUTTER	VARIABLE	920	[illegible]	[illegible]
MATERIAL(PACKING),INSERT IN CARTON	TABLE	920	[illegible]	[illegible]
MATERIAL(REEL/COIL),CUT,REMOVE AND TIE	VARIABLE	922	[illegible]	[illegible]
MATERIAL,(PALLETIZED/UNITIZED),LOAD ON TRUCK FROM ABOVE GROUND MAGAZINE W/O PLATFORM(AMMO)	CON/VAR	922	[illegible]	152
MATERIAL,ATTACH TO SKID	3357	920	[illegible]	[illegible]
MATERIAL,BALANCE ON HOIST,PART OR PIPE	517	921	[illegible]	[illegible]
MATERIAL,CHECK AGAINST MANIFEST	585	929	[illegible]	222
MATERIAL,CONSOLIDATE(PACK)IN WOOD BOX=UNITS FOR EXPORT/IMPORT	CON/VAR	920	[illegible]	[illegible]
MATERIAL,CONSOLIDATE AND STRAP ON PALLET=UNITS FOR EXPORT/IMPORT	CON/VAR	920	[illegible]	[illegible]
MATERIAL,CONSOLIDATE IN TRIPLE=WALL BOX=UNITS FOR EXPORT/IMPORT	CON/VAR	920	[illegible]	[illegible]
MATERIAL,CONSOLIDATE ON PALLET=UNITS FOR IMPORT/EXPORT	CON/VAR	920	[illegible]	47
MATERIAL,FOLD(18 INCHES)	113	929	[illegible]	213
MATERIAL,MEASURE TO DETERMINE SIZE OF CARTON FOR PACKING	94	920	[illegible]	[illegible]
MATERIAL,PICK UP,TRANSPORT,DROP WITH FORKLIFT TRUCK	CON/VAR	922	[illegible]	[illegible]
MATERIAL,SELECT=FULL PALLET(SINGLE LINE ITEM PER PALLET)	VARIABLE	922	[illegible]	[illegible]
MATERIAL,SELECT=ONE LINE FROM RACK STORAGE (MULTIPLE LINE ITEMS BY STOCK SELECTOR=PLATFORM TYPE)	VARIABLE	922	JEHMSX6	198
MATERIAL,SELECT FROM BIN	VARIABLE	929	JUHMSX1	216
MATERIAL,SELECT FROM BULK LOCATION=MORE THAN ONE LOCATION=MULTI LINES PER PALLET	VARIABLE	922	JEHMSX5	107
MEMBER(DOOR,WALL OR CROSS=EVANS),GET FROM FOUR WHEEL CART	VARIABLE	929	MJPMGXX	174
MEMBER(WALL,DOOR AND CROSS=EVANS GEAR), INSTALL IN BOXCAR	VARIABLE	929	MJPMIXX	175
MEMBER(WALL,DOOR AND CROSS=EVANS GEAR),REMOVE FROM BOXCAR	VARIABLE	929	MJPMRXX	175
MEMBER(WALL,DOOR OR CROSS=EVANS GEAR),ASIDE TO FLOOR OR FOUR WHEEL CART	VARIABLE	929	MJPMAXX	174
MISSILE(CONTAINER,MISSILE MOTOR,OR TRANSPORTER),MOVE FROM OR INTO AIRCRAFT	173368	929	SMHMTO1	210
NETS(CARGO),POSITION AND SECURE ON 463L PALLET	VARIABLE	920	[illegible]	[illegible]
NETS(CARGO),REMOVE FROM PALLET(463L)	16383	920	[illegible]	[illegible]

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTOP ELEMENT	PAGE
NETS(CARGO),STRAIGHTEN AND HANG ON RACK	1852	920	MOHNS01	13
NETS(463L PALLET TIEDOWN),OBTAIN AND PLACE	1917	920	MPKN001	24
NUMBER(CAR SEAL),VERIFY	216	929	MRDNV01	222
NUT,SEAT WITH WRENCH AND REMOVE WRENCH	191	910	BTLNS01	5
NUT,TURN DOWN,SEAT WITH NUT SETTER	39	910	MTPNT01	9
NUT,TURN WITH WRENCH	98	910	MTLNT01	8
NUT SETTER,PLACE HEAD ON NUT	68	910	MTPNP01	9
NUT SETTER,REMOVE FROM NUT	39	910	BTPNR01	8
OBJECT(CYLINDRICAL),UNWRAP	VARIABLE	920	MPKOUXX	25
OPENING(CORD-STRIPPABLE COMPOUND),SEAL	221	920	MTLOS01	54
OVERWRAP,TAPE	VARIABLE	920	MPKOTXX	25
PACK(INTERMEDIATE),MAKE WITH PAPER BAG	VARIABLE	920	SPKPMXX	44
PACK(INTERMEDIATE-FIBERBOARD),MAKE	1511	920	KPKPM01	49
PACK(LEVEL A),TAPE SEAMS AND STENCIL	VARIABLE	920	MPKPTXX	27
PACK,MEASURE AND CUBE	1061	920	MGMPC01	10
PACK,MOVE WITH FORKLIFT TRUCK	CON/VAR	922	SEHPMX1	100
PACK,STENCIL	VARIABLE	920	MIDPSXX	11
PACKAGE(BLISTER),SEPARATE FROM MULTI-COMPARTMENT UNITS	209	920	MTLPS01	54
PACKAGE(BLISTER OR SKIN),FORM	318	920	SPKPF01	43
PACKAGE(FIBERBOARD OR BLISTER),CUT	162	920	MPKPC01	26
PACKAGE(METHOD II),PREPARE(INSERT DESICCANT WITH OR WITHOUT HUMIDITY INDICATOR;LABEL)	TABLE	920	SPKPPXX	44
PACKAGE,HANDLING,MIXED LOADS	TABLE	929	TOHPHXX	215
PACKING,INSTALL IN BOX	88	920	MPKPI01	26
PACKING,INSTALL IN BOX	151	920	MPKPI02	26
PALLET(EMPTY),GET(SINGLE),RETURN STACK	CON/VAR	922	SEHPGX1	99
PALLET(EMPTY),MANHANDLE	VARIABLE	929	MOHPMXX	213
PALLET(EMPTY),MOVE INTO OR OUT OF CARRIER USING FORKLIFT TRUCK	VARIABLE	922	MEHPMXX	90
PALLET(EMPTY),OBTAIN WITH FORKLIFT TRUCK	CON/VAR	922	SEHPOX1	100
PALLET(EMPTY),PLACE;MOVE LOADED	CON/VAR	922	KRCPPX1	127
PALLET(EMPTY),REMOVE FROM CAR,RETURN TO STOW	CON/VAR	922	SEHPRX1	102
PALLET(EMPTY),RETURN TO STORAGE	CON/VAR	922	SEHPRX2	102
PALLET(LOADED),LOAD INTO CARRIER BY FORKLIFT TRUCK	VARIABLE	922	SEHPLXX	100
PALLET(LOADED),PICK UP AND MOVE WITH ELECTRIC STANDUP OPERATED FORKLIFT TRUCK	CON/VAR	922	SEHPPX1	101
PALLET(LOADED),TRANSPORT FROM CARRIER WITH FORKLIFT	VARIABLE	922	SEHPTXX	103

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
PALLET(LOADED-2000 POUNDS),PICK UP IN RAILROAD CAR WITH ELECTRIC FORKLIFT	533	922	MEHPP01	90
PALLET(LOADED-4000 POUNDS),PICK UP WITH AN ELECTRIC FORKLIFT TRUCK	447	922	MEHPP03	91
PALLET(LOADED-4000 POUNDS),PICK UP WITH ELECTRIC FORKLIFT TRUCK	321	922	MEHPP04	91
PALLET(LOADED-4000 POUNDS),SET DOWN WITH ELECTRIC FORKLIFT TRUCK	335	922	MEHPS01	91
PALLET(LOADED 2000 POUNDS),PICKUP WITH ELECTRIC FORKLIFT TRUCK	465	922	MEHPP02	91
PALLET(ON CONVEYOR),GET WITH HOOKED ROD	277	929	MMHPG01	207
PALLET(S)/UNIT LOADS,STACK WITH FORKLIFT TRUCK	TABLE	922	TEHPSXX	96
PALLET(SAFETY),MOUNT AND DISMOUNT	203	929	MBMPM01	170
PALLET(WAREHOUSE),BREAKDOWN	CON/VAR	922	KRCPBX2	127
PALLET(WAREHOUSE),POSITION AT AIRCRAFT FOR UNLOADING	CON/VAR	922	SEHPPX2	102
PALLET(463L),BREAKDOWN(PER PALLET)	CON/VAR	922	KRCPBX1	126
PALLET(463L),BUILD UP AND POSITION FOR MOVE-MENT	CON/VAR	920	KPKPBX1	49
PALLET(463L),HANDLE ONTO/OFF 10K FORKLIFT	2534	929	MOHPH01	213
PALLET(463L),MOVE ONTO TRANSFER LOADING DOCK	10536	922	SEHPM01	100
PALLET(463L),OBTAIN WITH PLASTIC BAG,CARGO NETS AND TRANSPORT TO BUILD UP PIT	13496	922	MEHP001	90
PALLET(463L),TRANSFER TO BREAKDOWN DOCK,STOW EQUIPMENT,DELIVER PAPER WORK TO OFFICE	CON/VAR	922	KRCPTX1	128
PALLET(463L-EMPTY),OBTAIN AND PLACE IN BUILD UP PIT	CON/VAR	922	SEHPOX2	101
PALLET(463L-EMPTY),RETURN TO STORAGE	3828	922	SEHPR01	103
PALLET(463L-LOADED),OBTAIN CONTROL AND MOVE	TABLE	921	TMHPMXX	71
PALLET/UNIT LOAD(AMMO),PREPARE TO LOAD	CON/VAR	929	KJPPPX1	203
PALLET,CHECK CONFIGURATION	1648	920	MGMCP01	10
PALLET,LOAD INTO AIRCRAFT USING A 10K FORKLIFT LOADER AND 463L TRAILER	22782	921	SEHPL01	61
PALLET,MOVE FROM TRANSFER DOCK ONTO 25/40 K LOADER	6045	929	MMHPM01	207
PALLET,MOVE WITH MANUAL TRANSPORTER	VARIABLE	929	MEHPMXX	170
PALLET,PUSH ON CONVEYOR	165	921	MMHPP01	66
PALLET,TURN ON TURNTABLE(NON-POWERED)	217	929	MMHPT01	207
PALLET,UNLOAD FROM AIRCRAFT USING A 10K FORKLIFT LOADER AND 463L TRAILER	24894	921	SEHPU01	61
PALLET,WEIGH,RECORD WEIGHT ON DOCUMENTS AND ATTACH WEIGHT RECORD TO PALLET	7432	929	MGMPW01	171
PALLET LOAD/TRI-WALL CONTAINER,STENCIL/LABEL/STRAP	CON/VAR	920	SPKPSX1	45

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUPATION	DWMSTDP ELEMENT	PAGE
[illegible],SHROUD(S/GAITH)STRAP AND MARK	CON/VAR	920	KPKPSX1	50
PALLET [illegible]STRAINT(463L),LOCK/UNLOCK	VARIABLE	929	MACPLXX	169
PALL[illegible],ASSEMBLE FOR MOVEMENT TO [illegible]	CON/VAR	922	KSHPAX1	152
P[illegible],PICK UP WITH FORKLIFT TRUCK	TABLE	922	TEHPPXX	96
P[illegible],CUT WITH SHEARS	VARIABLE	920	MTLPCXX	54
PA[illegible],GET AND POSITION	625	920	MPKPG01	26
PAR[illegible]IL),REMOVE FROM CAN	474	920	SPKPR01	45
[illegible]ISHED SURFACE),WRAP IN PAPER	2688	920	MPKPW03	27
[illegible]SEALED IN CAN),UNPACK	375	920	SPKPU01	45
PART[illegible]INSERT IN CARTON AND SEAL	TABLE	920	SPKPIXX	44
PA[illegible]PACK IN BAG AND BOX	202	920	SPKPP01	44
PART[illegible] FROM BOX	VARIABLE	920	MPKPRXX	26
[illegible]REMOVE FROM PAPER AND PLASTIC BAG	414	920	SPKPR01	45
[illegible],UNWRAP	VARIABLE	920	MPKPUXX	27
[illegible]OR PLACE IN OPEN BAG	VARIABLE	920	MPKPWXX	27
PLA[illegible]ITION ON TRAILER	VARIABLE	929	MJPPPXX	176
P[illegible]TABLE TO FLAT SURFACE/REMOVE	VARIABLE	929	MNFPSXX	211
[illegible],OFF	CON/VAR	922	SJPPSX1	112
[illegible]INSTALL AND REMOVE	VARIABLE	922	MJPPIXX	111
[illegible]MAGNESIUM),INSTALL AND REMOVE	VARIABLE	929	MJPPRXX	176
P[illegible](DOOR),INSTALL AND ASIDE	1252	929	MJPPI01	175
[illegible],CLEAN WITH BROOM	139	910	MCLPC01	2
P[illegible] OFF AND PLACE UNDER RAIL	165	910	MOHPG01	4
[illegible],GET AND POSITION ON RAIL	130	910	MOHPG02	4
[illegible],PULL FROM UNDER RAIL,ASIDE	204	910	MOHPP01	4
PL[illegible],REMOVE AND ASIDE	119	910	BOHPR01	3
P[illegible]PALLET PIT),LOWER/RAISE	535	921	MMTPL01	74
[illegible] PALLET PIT),RAISE AND LOWER	3596	929	MMTPL01	210
[illegible] TO AND OFF FROM AND TO [illegible] AND LEVEL(RAILCAR OR TRUCK BED)	438	929	MBMPC01	169
[illegible] SPIKE HOLE),GET AND PLACE IN HOLE	83	910	BOHPG01	3
[illegible](RAIL AND TIE PLATE HOLE),SET AND DRIVE	192	910	MTLPS01	8
PRESERVATION AND PACKAGING,IDENTIFY METHOD OF	501	920	MIDPI01	11
PRESERVATION AND PACKAGING(METHOD),IDENTIFY	853	920	MIDPI02	11
[illegible] POSITION	473	920	MPKPP01	26
[illegible]FOOT [illegible] PLACE ON SPIKE	153	910	BTLPP01	5

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
PULLER(FOUR BALL),REMOVE FROM CLAW BAR	28	910	BTLPR01	5
RAIL,ADJUST TO GAUGE WITH BAR	221	910	MTLRA01	8
RAIL,ALIGN BY SIGHTING	483	910	MITRA01	2
RAIL,JACK	46	910	BTLRJ01	6
RAIL,MARK FOR CUTTING	107	910	MGMRM02	2
RAMP(PORTABLE),ATTACH TO VEHICLE	7067	929	MMHRA01	207
RAMP(PORTABLE),DETACH FROM TRUCK OR TRAILER	5217	929	MMHRD01	207
RECEIPTS(CONSOLIDATED),PROCESS	VARIABLE	929	JRCRPX1	20
REEL(TEMPORARY),SET UP AND ATTACH REEL/COIL MATERIAL	214	922	MJPRS01	112
REEL/COIL,POSITION FOR MEASURING	977	929	MJPRP01	176
RIGGING(WINCH),ARRANGE TO HOOK UP	7301	921	MMHRA01	66
ROD(GAUGE),GET FROM BESIDE TRACK	126	910	MGMRG01	2
ROD(GAUGE),MOVE FROM LAST LOCATION PLACED TO NEXT LOCATION TO PLACE	146	910	MGMRM01	2
ROD(GAUGE),PLACE ON RAIL FLANGE	188	910	MGMRP01	2
ROLL OR COIL,POSITION ON HOLDER	77	929	MJPRP02	176
SEAL(BOXCAR OR TRAILER),BREAK AND ASIDE	73	929	MNFSB01	211
SEAL(CONEX),REMOVE,OPEN AND CLOSE DOOR	1752	920	MPKRS01	27
SEAL,APPLY AND RECORD NUMBERS	612	929	SIDSA01	171
SEAL,ATTACH TO BOXCAR OR TRAILER	133	929	MNFSA01	211
SEAL,CRIMP TO STRAPPING	147	920	MTLSC06	55
SEAL,CUT AND REMOVE WITH SIDE CUTTERS	166	929	MTLSR01	223
SEAL,REMOVE,RECORD NUMBERS	563	929	SIDSR01	171
SHEET(METAL),MOVE BY HAND	336	929	MOHSM01	214
SHEET(METAL-LARGE),SLIDE FROM TABLE TO FLOOR	343	929	MOHSS01	214
SHORING(DOOR-RAILROAD CAR),DISPOSE OF	VARIABLE	922	SRCSDXX	118
SHORING(HEAVY),INSTALL IN BOXCAR DOOR	37564	929	SSHSI01	223
SHORING(HEAVY-DOOR),REMOVE FROM RAILROAD CAR	10206	929	SRCSR01	218
SHORING(INTERNAL),REMOVE FROM RAILROAD CAR	10968	929	SRCSR04	218
SHORING(LIGHT),INSTALL IN BOXCAR DOOR	14780	929	SSHSI02	223
SHORING(LIGHT),REMOVE FROM RAIL CAR DOOR	5897	929	SRCSR02	218
SHORING(MAXIMUM INTERNAL),REMOVE FROM RAIL ROAD CAR	35598	929	SRCSR03	218
SLING,ATTACH FOR CRANE MOVE	1102	921	SMHSA01	73
SLING,ATTACH OR REMOVE	TABLE	921	TMHSAXX	72
SLING,ATTACH TO HOOK	107	921	MMHSA01	66

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
SLING,ATTACH TO LOAD	VARIABLE	921	MEHSAXX	60
SLING,HOOK AND UNHOOK TO/FROM LOAD AND HOIST	658	921	MMHSH01	66
SLING,PUT AROUND PART OR OBJECT	241	921	MMHSP01	66
SLING,REMOVE	525	921	SMHSR01	73
SLING,REMOVE FROM HOOK	45	921	MMHSR02	66
SLING,REMOVE FROM PART	110	921	MMHSR01	66
SPIKE,DRIVE WITH MAUL	67	910	BTLSD01	6
SPIKE,POSITION IN SPIKE HOLE	80	910	BOHSP01	3
SPIKE,PULL WITH CLAW BAR OR PULLER	VARIABLE	910	BTLSPXX	6
SPIKE,SET WITH MAUL	123	910	BTLSS01	6
SPIKES,DISTRIBUTE	VARIABLE	910	MOHSDXX	4
STACK(PALLETS-WAREHOUSE,463-L OR SKID),OBTAIN	VARIABLE	922	MJPPOXX	112
STAKE SECTION,REMOVE AND REPLACE FROM/ONTO TRUCK	VARIABLE	929	MJPSRXX	176
STENCIL(ADDRESS AND IDENTIFICATION),CUT FOR OVERSEAS PACK WITH MANUAL CUTTER	2781	920	STLSC11	57
STENCIL,CUT AND APPLY TO AMMUNITION PACK	CON/VAR	920	SIOSCX1	12
STENCIL,CUT FOR AMMUNITION PACK WITH ELECTRIC CUTTER	16890	920	STLSC12	58
STENCIL,CUT WITH MANUAL OR ELECTRIC CUTTER	VARIABLE	920	STLSCXX	57
STOCK(BAR),SELECT FROM STORAGE(NO CUTTING)	VARIABLE	922	JEHSSX1	109
STOCK(BAR),SELECT FROM STORAGE(CUTTING REQUIRED)	VARIABLE	922	JEHSSX2	110
STOCK,REPLENISH IN BIN	VARIABLE	929	JOHSRX1	217
STRAP(METAL),FOLD	VARIABLE	920	MOHSFXX	14
STRAP(METAL),FOLD	VARIABLE	920	MPKSFXX	28
STRAP(S),REMOVE(CUT AND ASIDE) FROM PALLET	VARIABLE	920	STLSRXX	58
STRAP,APPLY TO BOX WITH MACHINE	VARIABLE	920	MPKSAXX	28
STRAP,CUT	137	920	MTLSC05	55
STRAP,CUT AND ASIDE	VARIABLE	920	MTLSCXX	55
STRAPPER/BANDER(MANUAL),ATTACH TO STRAP	104	920	MTLSA01	54
STRAPPING(5/8 INCH),REMOVE FROM BOX	VARIABLE	920	MPKSRXX	28
STRAPPING,APPLY BY HAND	TABLE	920	TPKSAXX	33
STRAPPING,ASSEMBLE TO PALLET	VARIABLE	920	SPKSAXX	46
STRAPPING,BREAK OFF EXCESS	102	920	MOHSB01	14
STRAPPING,FOLD TO FACILITATE DISPOSAL	350	920	MOHSF03	14
STRAPPING,GET	VARIABLE	920	MOHSGXX	14

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUPATION	DWMSTDP ELEMENT	PAGE
STRAPPING,POSITION THROUGH PALLET	VARIABLE	920	MPKSPXX	28
STRAPPING,POSITION TO SKIDS	393	920	MPKSP04	28
STRAPPING,STAPLE WITH HAMMER	125	920	BTLSS01	53
STRAPPING,TIGHTEN	1137	920	MTLST03	55
STRAPPING,TIGHTEN,WITH POWER TIGHTENER	VARIABLE	920	MTLSTXX	55
STRAPPING,TIGHTEN AROUND CONTAINER	931	920	MTLST05	55
STRAPPING,TIGHTEN WITH MANUAL TIGHTENER	578	920	MTLST04	55
STRAPPING AND CARDBOARD,REMOVE FROM PALLET LOAD	VARIABLE	920	SPKSRXX	46
STRAPS,APPLY TO PALLET	3800	920	MPKSA03	28
SUPPORT,INSTALL IN PACKING CONTAINER	8051	920	MTLSI01	55
TAG(SHIPPING),ATTACH	VARIABLE	920	MIDTAXX	11
TAG OR ENVELOPE,WIRE TO MATERIAL	438	920	SIDTW01	12
TANK(LARGE ARMORED),CLIMB INTO/OUT OF	VARIABLE	929	MBMTCXX	170
TAPE(STRIP-ADHESIVE),GET FROM PUSH BUTTON DISPENSER	77	920	MPKTG01	29
TAPE,APPLY TO FIBERCAN	167	920	MPKTF01	29
TIE(NEW),GET WITH TONGS	117	910	BTLTG01	6
TIE(NEW),SLIDE UNDER RAIL	114	910	BOHTS01	3
TIE(OLD),MOVE ASIDE WITH TONGS	151	910	BTLTM01	6
TIE(RAILROAD),RAISE WITH PINCH BAR	VARIABLE	910	MTLTRXX	8
TIE,ALIGN TO RAIL WITH TONGS	118	910	BTLAT01	4
TIE,DRAG UNDER RAIL	204	910	BOHTD01	3
TIE,LOOSEN WITH BAR	424	910	BTLTL01	6
TIGHTENER(STRAPPING-MANUAL),REMOVE	129	920	MTLTR01	56
TONGS,PLACE ON TIE(RAILROAD)	91	910	BTLTP01	7
TONGS,RELEASE FROM TIE(RAILROAD)	76	910	BTLTR01	7
TOOL,ASIDE TO ROADBED	162	910	BTLTA01	6
TOOL,OBTAIN FROM ROADBED	179	910	BTLTO01	7
TRAILER(VAN OR STAKE),MOUNT/DISMOUNT	VARIABLE	904	MEVTMXX	1
TRAILER,HOOK/UNHOOK TO TRACTOR	744	922	MEHTH01	91
TRAILER,PREPARE AND SECURE FOR LOADING OR UN-LOADING(INCLUDES SET UP AND SECURE BUILDING AND MATERIAL HANDLING EQUIPMENT)	VARIABLE	929	KJPTPXX	204
TRANSPORTER(ELECTRIC),OPERATE	TABLE	922	TEHTOXX	97
TRANSPORTER(HAND),PLACE IN OR REMOVE FROM VAN OR RUN-THRU WITH ELECTRIC FORKLIFT TRUCK	3958	922	SEHTP01	103
TRANSPORTER(MANUAL),OPERATE FORKS	VARIABLE	929	MMHTOXX	208
TRANSPORTER(MANUAL),OPERATE,RUN IN OR OUT	56	929	MMHTO03	208

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
TRANSPORTER(MANUAL),PUSH/PULL	VARIABLE	929	MMHTPXX	209
TRANSPORTER,PLACE IN CARRIER OR REMOVE FROM CARRIER	1780	922	MEHTP01	91
TRAY(PLASTIC),PLACE ON CONVEYOR LINE	132	929	MOHTP01	214
TRAY(TOTE),HANDLE AND STOW	287	929	MOHTH01	214
TRUCK(FLATBED),LOAD WITH CRANE	VARIABLE	921	JSHTLX1	87
TRUCK(FLATBED),LOAD WITH CRANE TRUCK,WAREHOUSE	VARIABLE	921	JSHTLX3	88
TRUCK(FLATBED),UNLOAD WHEELED VEHICLE-TOW OFF	VARIABLE	922	JRCTUX1	140
TRUCK(FLATBED),UNLOAD WITH WAREHOUSE TRUCK CRANE	VARIABLE	921	JRCTUX1	79
TRUCK(FLATBED),UNLOAD WITH YARD CRANE	VARIABLE	921	JRCTUX2	80
TRUCK(FLATBED-MIXED),LOAD WITH TWO FORKLIFTS	VARIABLE	922	JSHTLX3	164
TRUCK(FLATBED-MIXED),UNLOAD-TWO FORKLIFTS	VARIABLE	922	JRCTUX6	143
TRUCK(FLATBED-MIXED OR SOLID),LOAD-TOW ON	VARIABLE	922	JSHTLX5	166
TRUCK(FLATBED-SOLID),LOAD WITH TWO FORKLIFTS	VARIABLE	922	JSHTLX1	162
TRUCK(FLATBED-SOLID),UNLOAD-TWO FORKLIFTS	VARIABLE	922	JRCTUX5	142
TRUCK(HAND),MOVE	TABLE	929	TMHTMXX	210
TRUCK(HAND),PLACE IN OR GET OUT OF CREW TRUCK	293	929	MMHTG05	208
TRUCK(HAND-2 WHEEL),LOAD AND UNLOAD	VARIABLE	929	MMHTLXX	208
TRUCK(NON POWERED),GET AND ASIDE	VARIABLE	929	MMHTGXX	207
TRUCK(VAN/TRAILER),LOAD AT CENTRAL SHIPPING	VARIABLE	922	JSHTLX4	165
TRUCK(VAN/TRAILER),LOAD PALLETIZED/UNITIZED AMMUNITION/COMPONENTS AT IGLOO	VARIABLE	922	JSHTLX6	167
TRUCK(VAN/TRAILER),LOAD PALLETIZED OR UNITIZED MATERIAL AT ABOVE GROUND MAGAZINE WITHOUT PLATFORM	VARIABLE	922	JSHTLX7	168
TRUCK(VAN/TRAILER),UNLOAD WITH GRAVITY CONVEYOR,FORKLIFT AND PALLET	VARIABLE	929	JRCTUX2	221
TRUCK(VAN/TRAILER),UNLOAD WITH FORKLIFT TRUCK	VARIABLE	922	JRCTUX4	141
TRUCK(VAN/TRAILER)PREPARE FOR LOADING AMMUNI-TION AT ABOVE GROUND MAGAZINE W/O PLATFORM	CON/VAR	929	KJPTPX2	205
TRUCK(VAN/TRAILER-SOLID),LOAD WITH FORKLIFT	VARIABLE	922	JSHTLX2	163

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
TRUCK (VAN TRUCK/TRAILER),PREPARE FOR LOADING AMMUNITION AT IGLOO	CON/VAR	929	KJPTPX1	205
TRUCK/TRAILER,OFFLOAD AT TERMINAL,MOVE CARGO TO TEMPORARY HOLD AREA	CON/VAR	922	KRCTOX1	129
VEHICLE(LIGHT),SECURE TO CARRIER	VARIABLE	929	SSHVSXX	223
VEHICLE(PIGGY-BACK),UNLOAD	VARIABLE	921	JRCVUX1	81
VEHICLE(PIGGY BACK),PREPARE AND UNLOAD	CON/VAR	921	KRCCUX3	75
VEHICLE(RECEIVED),MOVE TO STORAGE	CON/VAR	922	KRCVMX1	130
VEHICLE,TRAVEL TIMES(PRIME MOVER)(WHEEL)	VARIABLE	922	MEHVTXX	92
WHEELS,(SEMI-TRAILER,DOLLY),POSITION	VARIABLE	904	MJPDPXX	1
WINCH,ARRANGE FOR LOADING/OFFLOADING VIA CARGO RAMP(U OR W CODED)	31590	921	SMHWA01	73
WIRE/ROPE,SEAL ENDS	119	929	MDPRS01	170
WIRE,CUT AND REMOVE	666	929	MTLWC01	223
WIREBOUND BOX,OPEN	VARIABLE	920	MPKWOXX	29
WOOD BOX,PACK OFF LINE	VARIABLE	920	JPK8PX3	51
WORKSITE,PREPARE(SET UP AND SECURE BOXCAR, BUILDING AND MATERIAL HANDLING EQUIPMENT)	VARIABLE	929	KJPWPXX	206
WRAP OR CUSHIONING,CUT AT TABLE	268	920	MTLWC01	56
WRENCH,MOVE TO NUT	44	910	BTLWN01	7

DEFENSE WORK MEASUREMENT STANDARD TIME DATA PROGRAM (DWMSTDP)

PART TWO - MISCELLANEOUS OCCUPATIONS STANDARD TIME DATA

SECTION II - DWMSTDP ELEMENT LISTING

DEFENSE WORK MEASUREMENT STANDARD TIME DATA
VERB/NOUN INDEX

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTOP ELEMENT	PAGE
ACTUATE PALLET LOCK(463L PALLET)	VARIABLE	929	MACLAXX	170
ADJUST RAIL TO GAUGE WITH BAR	221	910	MTLRA01	8
ALIGN BAR(CLAW)WITH SPIKE	92	910	BTLBA01	5
ALIGN BOXES TO PALLET WITH RUBBER HAMMER	655	920	MTLBA01	54
ALIGN CARGO TO RAMP ON RAMP/ELEVATOR AIRCRAFT	4501	929	MOHCA01	212
ALIGN RAIL BY SIGHTING	483	910	MITRA01	2
ALIGN TIE TO RAIL WITH TONGS	118	910	BTLAT01	4
ANNOTATE CARTON/DOCUMENT WITH WEIGHT AND CUBE	116	920	MWRCA01	58
APPLY BARRIER(MATERIAL) TO BASE	1280	920	MPKBA01	16
APPLY COMPOUND(STRIPPABLE) (DOUBLE DIP)	1232	920	MDPCA02	9
APPLY COMPOUND(STRIPPABLE) (SINGLE DIP)	1241	920	MDPCA01	9
APPLY CUSHIONING	VARIABLE	920	MPKCAXX	18
APPLY DECAL OR ENVELOPE(PRESSURE SENSITIVE) TO SURFACE	VARIABLE	920	MIDDAXX	10
APPLY LABEL(PRE-PRINTED DN 1348-1)	300	920	MIDLA05	11
APPLY SEAL AND RECORD NUMBERS	612	929	SIDSA01	172
APPLY STRAP TO BOX WITH MACHINE	VARIABLE	920	MPKSAXX	28
APPLY STRAPPING BY HAND	TABLE	920	TPKSAXX	33
APPLY STRAPS TO PALLET	3800	920	MPKSA03	28
APPLY TAPE TO FIBERCAN	167	920	MPKTF01	29
ARRANGE RIGGING(#INCH) TO HOOK UP	7301	921	MMHRA01	66
ARRANGE #INCH FOR LOADING/OFFLOADING VIA CARGO RAMP(J OR # CODED)	31590	921	SMHWA01	73
ASIDE BAR(JOINT)(FOR RE-USE)	107	910	MOHBA01	3
ASIDE MEMBER(WALL,DOOR OR CROSS-EVANS GEAR) TO FLOOR OR FOUR WHEEL CART	VARIABLE	929	MJPMAXX	175
ASIDE TOOL TO ROADBED	162	910	BTLTA01	6
ASSEMBLE BOX(#INBOUND)	863	920	MPKAW01	16
ASSEMBLE AIR-U/# CODED CARGO FOR MOVEMENT TO RAMP/ELEVATOR AIRCRAFT	CON/VAR	922	KSHCAX1	147
ASSEMBLE AND PREPARE CREW/EQUIPMENT TO OFF-LOAD AIRCRAFT	CON/VAR	922	KJPCAX1	114
ASSEMBLE BOX(TRI-WALL) TO PALLET	4467	920	MPKTA01	28
ASSEMBLE CARTON	TABLE	920	TPKCAXX	30
ASSEMBLE CRATE(OFF LINE/LOW LINE)	39542	920	SPKCA02	36
ASSEMBLE CRATE(PREFABRICATED)	37638	920	SPKCA01	36
ASSEMBLE CREW/EQUIPMENT AND MOVE TO AIRCRAFT TO UNLOAD	VARIABLE	922	KJPCAXX	114
ASSEMBLE CREW/EQUIPMENT AND MOVE TO AIRCRAFT PARKING AREA TO UNLOAD-10K OR 25/40K LOADER	VARIABLE	922	KJPEAXX	116
ASSEMBLE DOCUMENTS(AND TOTE TRAYS)FOR ISSUE	478	922	SJPDA01	112

DEFENSE WORK MEASUREMENT STANDARD TIME DATA
VERB/NOUN INDEX

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
ASSEMBLE FRAMES(SECTIONS), (BOX PALLET)	2897	920	MPKFA01	21
ASSEMBLE LOADED 463L PALLETS FOR MOVEMENT TO AIRCRAFT	CON/VAR	922	KSHPAX1	153
ASSEMBLE STRAPPING TO PALLET	VARIABLE	920	SPKSAXX	46
ASSEMBLE/COMPLETE BOX(TRIPLE WALL)	6912	920	SPKBC01	34
ASSEMBLE/COMPLETE BOX(TRIPLE WALL)	CON/VAR	920	SPKBCX1	34
ATTACH BRACKET TO OR REMOVE FROM OBJECT	VARIABLE	921	MMHBAXX	63
ATTACH CRATE(ASSEMBLED)TO SKID WITH LAG BOLTS	2904	920	MTLCA01	54
ATTACH DESICCANT OR HUMIDITY INDICATOR TO ITEM	416	920	MPKDA01	20
ATTACH DOCUMENTS TO RAILROAD CAR	1325	929	MNFDA01	211
ATTACH HOIST(OVERHEAD) TO ITEM	78	921	MMHHA09	65
ATTACH HOIST, MOVE ITEM INTO CONTAINER AND DETACH HOIST	907	921	MMHHA08	65
ATTACH HOIST, MOVE ITEM TO BASE AND DETACH	1016	921	MMHHA07	65
ATTACH HOOK TO EYELET,BELT,CABLE OR SIMILAR DEVICE	VARIABLE	921	MMHHAXX	65
ATTACH LABEL TO CONTAINER	VARIABLE	920	MIDLAXX	11
ATTACH LABEL(S) TO CONTAINER	TABLE	920	TIDLAXX	12
ATTACH LID SEAT GASKET TO METAL CONTIANER-MACHINE SEAL	125	920	MPKLS01	24
ATTACH LIST(PACKING) TO CONTAINER	VARIABLE	920	MPKLAXX	23
ATTACH MATERIAL TO SKID	3357	920	SPKMA01	43
ATTACH OR REMOVE SLING	TABLE	921	TMHSAXX	72
ATTACH PORTABLE RAMP TO VEHICLE	7067	929	MMHRA01	208
ATTACH SEAL TO BOXCAR OR TRAILER	133	929	MNFSA01	212
ATTACH SLING FOR CRANE MOVE	1102	921	SMHSA01	73
ATTACH SLING TO HOOK	107	921	MMHSA01	66
ATTACH SLING TO LOAD	VARIABLE	921	MEHSAXX	60
ATTACH STRAPPER/BANDER(MANUAL) TO STRAP	104	920	MTLSA01	54
ATTACH TAG(SHIPPING)	VARIABLE	920	MIDTAXX	11
BALANCE MATERIAL ON HOIST, PART OR PIPE	517	921	SMHM801	73
BLUNT CONTAINER CORNERS	410	920	MPKCB01	18
BREAK BOXCAR OR TRAILER SEAL AND ASIDE	73	929	MNFSB01	212
BREAK OFF EXCESS STRAPPING	102	920	MOHSB01	14
BREAK OPEN BOX(WOOD)	15114	920	SPKBB01	34
BREAK SEAL DOOR(DOUBLE,BOXCAR),OPEN FROM DOCK	891	929	MJP0012	174
BREAKDOWN PALLET(463L)(PER PALLET)	CON/VAR	922	KRCPBX1	126
BREAKDOWN WAREHOUSE PALLET	CON/VAR	922	KRCPBX2	127
BUILD UP PALLET AND POSITION FOR MOVEMENT (463L)	CON/VAR	920	KPKPBX1	49

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
CHECK CARGO IDENTITY	1019	922	MIDCC01	110
CHECK MATERIAL AGAINST MANIFEST	585	929	MSHMC01	223
CHECK PALLET CONFIGURATION	1648	920	MGMCP01	10
CLEAN AIRCRAFT LOADING SPOT	6788	929	SJPSC01	180
CLEAN AIRCRAFT LOADING SPOT AFTER LOADING	VARIABLE	929	SJPSCX1	179
CLEAN AIRCRAFT/LOAD SPOT	CON/VAR	922	SJPSCX1	113
CLEAN CONEX IN PREPARATION FOR LOADING	3792	920	MJPCC01	13
CLEAN LOADING SPOT AFTER LOADING	CON/VAR	929	KJPLCX1	204
CLEAN PLATE(TIE),WITH BROOM	139	910	MCLPC01	2
CLEAN UP AIRCRAFT LOADING SPOT	9999	929	SJPSC02	180
CLIMB BOXCAR LADDER FROM GROUND TO DOCK	195	929	MBMLC01	170
CLIMB BOXCAR LADDER FROM DOCK TO GROUND	168	929	MBMLC02	170
CLIMB OUT OF LARGE ARMORED TANK	VARIABLE	929	MBMTCXX	171
CLIMB ON TO AND OFF OF PLATFORM TO GROUND LEVEL(RAIL CAR OR TRUCK BED)	438	929	MBMPC01	170
CLOSE AND SEAL CARTON	TABLE	920	TPKCCXX	31
CLOSE AND SEAL CONEX	1514	920	MPKCC02	18
CLOSE AND SEAL CONTAINER(RIGID METAL)	1434	920	MPKRC01	27
CLOSE AND TAPE CAN(FIBER)	252	920	MPKCT02	20
CLOSE BOXCAR DOOR SINGLE AND DOUBLE(ONE SIDE)	VARIABLE	929	MJPDCXX	173
CLOSE CRATE(WIREBOUND) FRONT AND BACK	267	9[illegible]	MPKCC01	18
CLOSE LCG-SINGLE AXLE ARTILLERY COMPARTMENT	134	929	MOHC001	212
CLOSE POLY BAG WITH PAPER CLIP (DOCUMENT OR CARD INSIDE)	111	920	MPKBC01	16
COMMENCE HOIST ACTION MANUALLY	VARIABLE	921	BMHHCXX	62
COMPLETE AND OVERWRAP CARTON(INTERIOR)	2150	920	SPKCC01	37
COMPUTE CUBE USING SLIDE RULE TYPE COMPUTER	245	929	MCACC01	171
CONNECT CABLE (ELECTRICAL),TO TRAILER	229	904	MJPCC01	1
CONNECT HOSE(AIR BRAKE),TO TRAILER	561	904	MJPHC01	1
CONSOLIDATE AND STRAP MATERIAL ON PALLET-UNITS FOR EXPORT/IMPORT	CON/VAR	920	KPKMCX2	47
CONSOLIDATE MATERIAL IN TRIPLE-WALL BOX-UNITS FOR EXPORT/IMPORT	CON/VAR	920	KPKMCX3	47
CONSOLIDATE MATERIAL ON PALLET-UNITS FOR IMPORT/EXPORT	CON/VAR	920	KPKMCX1	47
CONSOLIDATE MATERIAL(PACK) IN WOOD BOX-UNITS FOR EXPORT/IMPORT	CON/VAR	920	KPKMCX4	48
COUNT LINE ITEMS, NUMBER ON A SHEET	VARIABLE	922	MRDLCXX	145
CRIMP SEAL TO STRAPPING	147	920	MTLSC06	55
CUT AND APPLY STENCIL TO AMMUNITION PACK	CON/VAR	920	SIDSCX1	12

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
CUT AND ASIDE STRAP	VARIABLE	920	MTLSCXX	55
CUT CORD WITH SCISSORS	131	920	MTLCC01	54
CUT FILM FOR SPLICING	243	976	MTLFC01	225
CUT MATERIAL(CUSHIONING) WITH POWER CUTTER	VARIABLE	920	MTPMCXX	58
CUT PACKAGE(FIBERBOARD OR BLISTER)	162	920	MPKPC01	26
CUT PAPER(PACKING) WITH SHEARS	VARIABLE	920	MTLPCXX	54
CUT SEAL AND REMOVE WITH SIDE CUTTERS	166	929	MTLSR01	224
CUT STENCIL (ADDRESS AND IDENTIFICATION)FOR OVERSEAS PACK WITH MANUAL CUTTER	2781	920	STLSC11	57
CUT STENCIL FOR AMMUNITION PACK WITH ELECTRIC CUTTER	16890	920	STLSC12	58
CUT STENCIL WITH MANUAL OR ELECTRIC CUTTER	VARIABLE	920	STLSCXX	57
CUT STRAP	137	920	MTLSC05	55
CUT WIRE AND REMOVE	666	929	MTLWC01	224
CUT WRAP OR CUSHIONING AT TABLE	268	920	MTLWC01	56
CUT, REMOVE AND TIE REEL/COIL MATERIAL	VARIABLE	922	MOHMCXX	116
CYCLE CARGO WITHIN PIT LOOP TO AID	1136	921	MMHCC01	63
DE-NET CARGO(PALLETIZED-463L)	16387	920	MPKCD01	18
DETACH HOIST(OVERHEAD) FROM ITEM	155	921	MMHHD01	65
DETACH PORTABLE RAMP FROM TRUCK OR TRAILER	5217	929	MMHRD01	208
DIP CONTAINER	VARIABLE	920	MDPCDXX	9
DIP ITEM IN MOLTEN COMPOUND(SINGLE DIP)	475	920	MDPID01	9
DISCONNECT CABLE FROM ELECTRIC FORKLIFT TRUCK BATTERY	173	922	MEHCC01	88
DISCONNECT CABLE FROM ELECTRIC TRANSPORTER BATTERY	258	922	MEHCC02	88
DISCONNECT CABLE(ELECTRICAL)FROM TRAILER	166	904	MJPCD01	1
DISCONNECT HOSE(AIR BRAKE),FROM TRAILER	515	904	MJPHD01	1
DISMOUNT BOLT MATERIAL FROM DISPENSING RACK	2258	929	MJPMD01	175
DISPOSE OF RAILROAD CAR DOOR SHORING	VARIABLE	922	SRCSDXX	118
DISTRIBUTE BLOCKS/BRACES ON CARRIER	244	929	MJPBD01	172
DISTRIBUTE SPIKES	VARIABLE	910	MOHSDXX	4
DRAG TIE UNDER RAIL	204	910	BOHTD01	3
DRIVE BAR(CLAW) ON SPIKE WITH MAUL	VARIABLE	910	BTLBDXX	5
DRIVE SPIKE WITH MAUL	67	910	BTLSD01	6
EVACUATE AIR WITH VACUUM BAG(BARRIER)	VARIABLE	920	MPKBEXX	16
FIT BAG(PLASTIC) OVER 463L PALLET OF CARGO	3134	920	MPKBF01	16
FOLD STRAP(METAL)	VARIABLE	920	MOHSFXX	14
FOLD STRAP(METAL)	VARIABLE	920	MPKSFXX	28
FOLD STRAPPING TO FACILITATE DISPOSAL	350	920	MOHSF03	14

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	SYMSTOD ELEMENT	PAGE
FOLD(18 INCHES) MATERIAL	113	929	MOHMF01	214
FORM PACKAGE(BLISTER OR SKIN)	318	920	SPKPF01	43
GET ANCHOR AND PLACE UNDER RAIL	146	910	MOHAG01	3
GET AND ASIDE BOX(WOOD)	VARIABLE	920	MPKBGXX	16
GET AND PLACE BAR(JOINT)ON RAIL	128	910	MOHBG01	3
GET AND PLACE PLATE(TIE)UNDER RAIL	165	910	MOHPG01	4
GET AND PLACE PLUG(RAIL SPIKE HOLE) IN HOLE	83	910	BOHPG01	3
GET AND POSITION PAPER(SHEET)	625	920	MPKPG01	26
GET AND POSITION PLATE(TIE) ON RAIL	130	910	MOHPG02	4
GET BAR(GAUGE),FROM ALIGNING POSITION	105	910	BGMBG01	2
GET BOX INTO POSITION TO PACK	54	920	MPKBG04	16
GET CHOCKS AND ASIDE	138	929	MJPCG01	173
GET CUSHIONING	VARIABLE	920	MPKCGXX	19
GET DESICCANT/INDICATOR FROM DISPENSER	250	920	MPKDG01	21
GET EMPTY CARTON/PLACE	119	929	MOHCG01	212
GET END(CRATE) AND INSTALL	162	920	MOHEG01	13
GET EVANS GEAR JACK AND ASIDE	143	929	MJPJG01	175
GET JACK FROM UNDER RAIL	101	910	MTLJG01	7
GET LEVEL FROM RAIL	96	910	MTLLG01	8
GET MEMBER(DOOR,WALL OR CROSS-EVANS)FROM FOUR WHEEL CART	VARIABLE	929	MJPMGXX	175
GET NON POWERED TRUCK AND ASIDE	VARIABLE	929	MMHTGXX	208
GET PALLET(ON CONVEYOR)WITH HOOKED ROD	277	929	MMHPG01	208
GET ROD(GAUGE),FROM BESIDE TRACK	126	910	MGMRG01	2
GET STRAPPING	VARIABLE	920	MOHSGXX	14
GET TAPE(STRIP-ADHESIVE)FROM PUSH BUTTON DISPENSER	77	920	MPKTG01	29
GET TIE(NEW) WITH TONGS	117	910	BTLTG01	6
GET(SINGLE)EMPTY PALLET, RETURN STACK	CON/VAR	922	SEHPGX1	99
HANDLE PACKAGE-MIXED LOADS	TABLE	929	TOHPHXX	216
HANDLE PALLET(462L)ONTO/OFF 10K FORKLIFT	2534	929	MOHPH01	214
HANDLE TOTE TRAY AND STOW	287	929	MCHTH01	215
HOOK AND UNHOOK SLING TO/FROM LOAD AND HOIST	658	921	MMHSH01	66
IDENTIFY METHOD OF PRESERVATION AND PACKAGING	501	920	MIDPI01	11
IDENTIFY PRESERVATION AND PACKAGING(METHOD)	853	920	MIDPI02	11
INSERT AND ALIGN ITEM(S) IN CONTAINER	TABLE	920	TPKIIXX	33
INSERT BRACES IN CONTAINER	575	920	MPKBI01	16
INSERT ITEM INTO BAG, PAPER OR JIFFY	VARIABLE	920	MPKIIXX	22
INSERT MANDREL OR REMOVE FROM CLOTH BOLT	357	929	MOHMI01	214

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
INSERT MATERIAL(PACKING) IN CARTON	TABLE	920	TPKMIXX	33
INSERT PART IN CARTON AND SEAL	TABLE	920	SPKPIXX	44
INSTALL AND REMOVE BLUE SAFETY FLAG FROM RAILCAR	69	929	MJPFS03	175
INSTALL AND REMOVE BLUE SAFETY FLAG FROM RAILCAR	1119	929	MJPFS04	175
INSTALL AND REMOVE DOCK PLATE	VARIABLE	922	MJPPIXX	111
INSTALL AND REMOVE SAFETY FLAGS(RAILROAD CAR)	VARIABLE	929	MJPFSXX	175
INSTALL BELT TO OBJECT AND TO HOIST HOOK WITH SAFETY LATCH	155	921	MMHBI01	63
INSTALL CLIP TO 1 1/4 INCH BANDING	232	920	MPKCI01	19
INSTALL CLIP TO 5/8 OR 3/4 INCH BANDING	57	920	MPKCI02	19
INSTALL DOOR PLATE AND ASIDE	1252	929	MJPPI01	176
INSTALL EVANS GEAR BLOCKING IN RAILROAD BOXCAR	9800	929	MJPBI01	172
INSTALL HEAVY SHORING IN BOXCAR DOOR	37564	929	SSHSI01	224
INSTALL LIGHT SHORING IN BOXCAR DOOR	14760	929	SSHSI02	224
INSTALL MAGNESIUM DOCK PLATE AND REMOVE	VARIABLE	929	MJPPRXX	177
INSTALL MEMBER(WALL,DOOR AND CROSS-EVANS GEAR)IN BOXCAR	VARIABLE	929	MJPMIXX	176
INSTALL PACKING IN BOX	151	920	MPKPI02	26
INSTALL PACKING IN BOX	88	920	MPKPI01	26
INSTALL SUPPORT IN PACKING CONTAINER	8051	920	MTLSI01	55
JACK RAIL	46	910	BTLRJ01	6
LOAD AIRCRAFT(BELLY-LOADED CARGO)	CON/VAR	922	KSHALX3	146
LOAD AIRCRAFT(PALLETIZED)463L PALLETS WITH 10 K LOADER	CON/VAR	922	KSHALX1	145
LOAD AIRCRAFT(PALLETIZED)463L PALLETS WITH 25/40K LOADER	CON/VAR	922	KSHALX2	145
LOAD CAR(RAIL, GONDOLA) WITH CRANE	VARIABLE	921	JSHCLX1	84
LOAD CAR(RAIL,BOX)WITH FORKLIFT TRUCK (SOLID)	VARIABLE	922	JSHCLX1	157
LOAD CAR(RAIL,BOX-MIXED)WITH FORKLIFT TRUCK	VARIABLE	922	JSHCLX3	159
LOAD CAR(RAIL,FLAT) VEHICLES-TCW TC LOAD AREA-LOAD WITH CRANE	VARIABLE	921	JSHCLX2	85
LOAD CAR(RAIL,FLAT) WITH CRANE	VARIABLE	921	JSHCLX3	86
LOAD CARGO(LOOSE)ON RAMP/ELEVATOR AIRCRAFT	CON/VAR	922	KSHCLX9	151
LOAD CARGO(U/W CODED) ON RAMP/ELEVATOR AIR CRAFT	CON/VAR	921	KSHLCX4	83
LOAD CARGO(463L PALLET) USING 25/40K LOADER	14238	921	SMHCL01	72
LOAD CARRIER(COMMON) BY WAREHOUSE CRANE	CON/VAR	921	KSHCLX2	82
LOAD CARRIER(FLATBED TRUCK)MOVE LOAD FROM STORAGE BY FORKLIFT AND LOAD ON FLATBED BY CRANE	CON/VAR	921	KSHCLX3	82

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
LOAD CARRIER(GONDOLA CAR) CONEX	CON/VAR	922	KSHCLX2	146
LOAD CARRIER(VAN TRUCK/TRAILER)AT AIR TERMINAL	VARIABLE	922	KEHCLX1	104
LOAD CONTAINERS INTO BOX	121	920	MPKCL01	19
LOAD FLAT-MIXED OR SOLID RAIL CAR-TOW ON	VARIABLE	922	JSHCLX5	161
LOAD FLAT-SOLED OR MIXED RAIL CAR WITH FORKLIFT-UNIT LOADS	VARIABLE	922	JSHCLX4	160
LOAD FLATBED CARRIER FROM HOLD AREA-PALLET	CON/VAR	922	KSHCLX3	145
LOAD FLATBED MIXED OR SOLID TRUCK-TOW ON	VARIABLE	922	JSHTLX5	167
LOAD FLATBED TRUCK CARRIER,BLOCK AND BRACE A WHEELED VEHICLE	CON/VAR	922	KSHCLX1	140
LOAD FLATBED TRUCK CARRIER THROUGH CENTRAL SHIPPING-PALLETS	CON/VAR	922	KSHCLXA	147
LOAD FLATBED-MIXED TRUCK WITH TWO FORKLIFTS	VARIABLE	922	JSHTLX3	165
LOAD FLATBED-SOLID TRUCK WITH TWO FORKLIFTS	VARIABLE	922	JSHTLX1	163
LOAD GONDOLA-SOLID/MIXED RAIL CAR CONEX WITH HEAVY DUTY FORKLIFT AND SPECIAL DEVICE	VARIABLE	922	JSHCLX6	162
LOAD HAND-2 WHEEL TRUCK	VARIABLE	929	MMHTLXX	209
LOAD HARDWARE ON HANDCAR ALONG RIGHT OF WAY	150	910	SOHHL01	4
LOAD HARDWARE ONTO HANDCAR OR UNLOAD FROM OR TO STORAGE	221	910	SOHHL02	4
LOAD LOADED PALLET INTO CARRIER BY FORKLIFT TRUCK	VARIABLE	922	SEHPLXX	100
LOAD OR UNLOAD MATERIAL(BULK) WITH CRANE	24311	921	SEHML01	61
LOAD PALLET INTO AIRCRAFT USING A 10K FORKLIFT LOADER AND 463L TRAILER	22782	921	SEHPL01	61
LOAD PALLETIZED/UNITIZED MATERIAL ON TRUCK FROM ABOVE GROUND MAGAZINE W/O PLATFORM (AMMO)	CON/VAR	922	KSHMLX1	153
LOAD PARCEL POST CONTAINER FOR SHIPMENT	CON/VAR	922	KSHCLX8	150
LOAD RAIL FLATCAR CARRIER, BLOCK AND BRACE WHEELED VEHICLE ON CARRIER	CON/VAR	922	KSHCLXC	148
LOAD RAILCAR CARRIER FROM STORAGE-PALLETS	CON/VAR	922	KSHCLX7	150
LOAD RAILCAR CARRIER FROM PACKING(PALLET)	CON/VAR	922	KSHCLX6	150
LOAD TRUCK CARRIER FROM STORAGE(PALLET)	CON/VAR	922	KSHCLX4	149
LOAD TRUCK(FLATBED) WITH CRANE	VARIABLE	921	JSHTLX1	87
LOAD TRUCK(FLATBED) WITH CRANE TRUCK, WAREHOUSE	VARIABLE	921	JSHTLX3	88
LOAD VAN TRUCK CARRIER THROUGH CENTRAL (PALLET)SHIPPING	CON/VAR	922	KSHCLX5	145
LOAD VAN/TRAILER TRUCK AT CENTRAL SHIPPING	VARIABLE	922	JSHTLX4	161
LOAD VAN/TRAILER TRUCK PALLETIZED/UNITIZED AMMUNITION/COMPONENTS AT IGLOO	VARIABLE	922	JSHTLX6	166
LOAD VAN/TRAILER TRUCK PALLETIZED OR UNITIZED MATERIAL AT ABOVE GROUND MAGAZINE WITH-OUT PLATFORM	VARIABLE	922	JSHTLX7	169

DEFENSE WORK MEASUREMENT STANDARD TIME DATA
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OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
LOAD VAN/TRAILER-SOLID TRUCK WITH FORKLIFT	VARIABLE	922	JSHTLX2	164
LOAD WHEELED VEHICLE ON CARRIER(RAILROAD FLATCAR)BY CRANE	CON/VAR	921	KSHCLX1	82
LOAD 40 FOOT REFRIGERATED CAR	VARIABLE	922	JSHCLX2	158
LOCATE FROM CARD FILE AND MANUAL INFOR-MATION(P AND P METHODS)	536	920	MFLIL01	9
LOOSEN BAR(JOINT)WITH SPIKE MAUL	84	910	BTL8L01	5
LOOSEN TIE WITH BAR	424	910	BTLTL01	6
LOWER OR RAISE ELEVATOR(CARGO)	2467	921	MMHEL01	64
LOWER/RAISE PLATFORM(PALLET PIT)	535	921	MMTPL01	74
MAKE PACK(INTERMEDIATE) WITH PAPER BAG	VARIABLE	920	SPKPMXX	44
MAKE PACK(INTERMEDIATE-FIBERBOARD)	1511	920	KPKPM01	49
MANHANDLE DRUM TO PALLET	431	929	MOHDM01	213
MANHANDLE EMPTY PALLET	VARIABLE	929	MOHPMXX	214
MARK CONTAINER WITH DATE, NUMBER OF PIECES AND ORDER NUMBER	437	922	MWRCM01	169
MARK RAIL FOR CUTTING	107	910	MGMRM02	2
MEASURE AND CUBE PACK	1061	920	MGMPC01	10
MEASURE MATERIAL TO DETERMINE SIZE OF CARTON FOR PACKING	94	920	MGMMM01	10
MOUNT BOLT MATERIAL ON DISPENSING RACK	2243	929	MJPMM01	176
MOUNT ITEM TO BASE USING OVERHEAD HOIST	3355	921	SMHIM01	72
MOUNT SAFETY PALLET	203	929	MBMPM01	171
MOUNT/DISMOUNT TRAILER (VAN OR STAKE)	VARIABLE	904	MEVTMXX	1
MOUNT, START, STOP AND DISMOUNT FORKLIFT TRUCK-K-LOADER	VARIABLE	922	MEHFMXX	85
MOVE BOLT MATERIAL END THROUGH MEASURING DEVICE	157	929	MGMMM01	171
MOVE BOOMLIFT	VARIABLE	921	MEHBMXX	58
MOVE BOX TO BANDING MACHINE	VARIABLE	920	MPKBMXX	17
MOVE CARGO ON CONVEYOR	VARIABLE	921	MMHCMXX	64
MOVE CONTAINER, MISSILE MOTOR, OR TRANSPOR-TER MISSILE FROM OR INTO AIRCRAFT	173368	929	SMHMT01	211
MOVE CREW/EQUIPMENT TO HOT SPOT LOADING AREA	CON/VAR	922	KJPCTX1	115
MOVE DOLLY(FURNITURE-NON POWERED)BY HAND	301	929	MMHTM01	209
MOVE EMPTY PALLET INTO OR OUT OF CARRIER USING FORKLIFT TRUCK	VARIABLE	922	MEHPMXX	90
MOVE HAND TRUCK	TABLE	929	TMHTMXX	211
MOVE ITEM TO BASE WITH OVERHEAD HOIST	783	921	MMHIM01	65
MOVE METAL SHEET BY HAND	336	929	MOHSM01	215
MOVE PACK WITH FORKLIFT TRUCK	CON/VAR	922	SEHPMX1	100
MOVE PALLET DOLLY MANUALLY WITHIN CARRIER	1418	929	MMHDM01	208

DEFENSE WORK MEASUREMENT STANDARD TIME DATA
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OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTOP ELEMENT	PAGE
MOVE PALLET FROM TRANSFER DOCK ONTO 25/40 K LOADER	6045	929	MMHPM01	208
MOVE PALLET WITH MANUAL TRANSPORTER	VARIABLE	929	MEHPMXX	171
MOVE PALLET(463L)ONTO TRANSFER LOADING DOCK	10536	922	SEHPM01	100
MOVE RECEIVED VEHICLE TO STORAGE	CON/VAR	922	KRCVMX1	130
MOVE ROD(GAUGE)FROM LAST LOCATION PLACED TO NEXT LOCATION TO PLACE	146	910	MGMRM01	2
MOVE SECURITY CARGO FROM SECURITY CAGE/ROOM	CON/VAR	922	SEHCMX1	97
MOVE TIE(OLD) ASIDE WITH TONGS	151	910	BTLTM01	6
MOVE U/N CODED CARGO TO AIRCRAFT LOAD SPOT	CON/VAR	922	KSHCMX1	151
MOVE U/W CODED CARGO FROM LOAD SPOT TO STORAGE/HOLD AREA	CON/VAR	922	KRCCMX1	122
MOVE WRENCH TO NUT	44	910	BTLWM01	7
NAIL ENVELOPE TO CONTAINER	811	920	MPKEN01	21
NAIL LID CLOSE(WOOD BOX)	VARIABLE	920	MPKLNXX	23
OBTAIN AND PLACE NETS(463L PALLET TIEDOWN)	1917	920	MPKN001	24
OBTAIN BAG(PLASTIC-CARGO PROTECTOR)	603	920	MPKB003	17
OBTAIN BLOCKS, BRACES, TIE DOWNS FOR SECURING LIGHT VEHICLE TO CARRIER	CON/VAR	929	SJPBOX1	178
OBTAIN BOLT AND POSITION	114	910	MOHB001	3
OBTAIN BOLT MATERIAL FROM STORAGE	2857	929	MJPM001	176
OBTAIN BOX	TABLE	920	TOHBOXX	14
OBTAIN CONTAINER, EMPTY AND ASIDE FULL	193	920	MGHCC01	13
OBTAIN CONTROL AND MOVE PALLET(463L-LOADED)	TABLE	921	TMHPMXX	71
OBTAIN EMPTY PALLET WITH FORKLIFT TRUCK	CON/VAR	922	SEHPOX1	100
OBTAIN EMPTY PALLET(463L)AND PLACE IN BUILD UP PIT	CON/VAR	922	SEHPOX2	101
OBTAIN MANIFEST(AIR CARGO)FROM PILOT, SIGN FOR SPECIAL HANDLING	882	922	SRCM001	118
OBTAIN PALLET(463L)WITH PLASTIC BAG,CARGO NETS AND TRANSPORT TO BUILD UP PIT	13496	922	MEHP001	90
OBTAIN STACK OF PALLETS(WAREHOUSE OR 463-L) OR SKIDS	VARIABLE	922	MJPPOXX	112
OBTAIN TOOL FROM ROADBED	179	910	BTLT001	7
OFFLOAD AIRCRAFT PALLETIZED CARGO-AFLC AND MAC	VARIABLE	922	JRCAOX1	131
OFFLOAD AIRCRAFT(RAMP/ELEVATOR TYPE) U/W CODED CARGO(PER PIECE)	VARIABLE	921	KMHCUXX	73
OFFLOAD CARGO(463L PALLET) WITH 25/40K LOADER	14436	921	SMHC001	72
OFFLOAD LOOSE AIRCRAFT CARGO(PER AIRCRAFT)	CON/VAR	922	KRCAOX2	119
OFFLOAD LOOSE AIRCRAFT(RAMP/ELEVATOR TYPE) CARGO(PER AIRCRAFT)	CON/VAR	922	KRCAOX1	119
OFFLOAD NON-PALLETIZED AIRCRAFT	VARIABLE	922	JRCAOX2	133

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
OFFLOAD RAMP/ELEVATOR TYPE AIRCRAFT-PER AIRCRAFT	VARIABLE	922	JRCAOX3	134
OFFLOAD TRUCK/TRAILER AT TERMINAL, MOVE CARGO TO TEMPORARY HOLD AREA	CON/VAR	922	KRCTOX1	129
ONLOAD AIRCRAFT(RAMP/ELEVATOR ACCESS TYPE)	VARIABLE	922	JSHAOX3	156
OPEN A PAPER OR JIFFY BAG AND STAPLE CLOSE	TABLE	920	TPKBOXX	29
OPEN AND CLOSE BAG	VARIABLE	920	MPKBOXX	17
OPEN AND CLOSE DOOR(CONEX)	1448	920	MPKD001	21
OPEN AND CLOSE DOUBLE GATE	723	929	MDHG001	213
OPEN AND CLOSE FILM DEVELOPER COVER	VARIABLE	976	SSUC001	225
OPEN AND CLOSE FIREWALL DOOR	VARIABLE	929	MDHDFXX	213
OPEN AND CLOSE TRAILER DOOR (ATTACH/REMOVE SEAL)	VARIABLE	929	MJPDTXX	174
OPEN AND CLOSE TRAILER-SIDE AND/OR REAR DOOR	VARIABLE	929	MJPDOXX	174
OPEN AND SECURE BUILDING DOORS	VARIABLE	929	SJPDOXX	179
OPEN AND SECURE BUTLER HUT DOOR	VARIABLE	929	SJPDBXX	178
OPEN AND SECURE MAGAZINE DOORS	1649	929	SJPD003	179
OPEN AND UNPACK CONTAINER(CYLINDRICAL)	352	920	SPKC001	38
OPEN CARTON(SEALED)	VARIABLE	920	MPKCOXX	20
OPEN CONTAINER(CARDBOARD)	184	920	MPKOC02	25
OPEN CONTAINER(TRI-WALL)	1578	920	MPKT001	29
OPEN CRATE(WIREBOUND) WITH HAMMER	137	920	MPKC007	20
OPEN DOUBLE-BOXCAR DOOR	586	929	MJPD011	174
OPEN LID(WIREBOUND CRATE)	52	920	MPKL001	23
OPEN OR CLOSE SLIDING DOUBLE DOOR(BUTLER HUT)	VARIABLE	929	MJPDHXX	173
OPEN SINGLE BOXCAR DOOR	273	929	MJPD010	174
OPEN WIREBOUND BOX	VARIABLE	920	MPKWOXX	29
OPEN(STAPLED) BAG(JIFFY OR PAPER)	VARIABLE	920	MPKBJXX	17
OPEN/CLOSE DOUBLE HINGED DOORS	VARIABLE	929	MDHDOXX	213
OPEN,CLOSE AND NAIL BOX(WOOD)	VARIABLE	920	MPKOBXX	25
OPEN,STAPLED OR GLUED FLAP CONTAINER (CARDBOARD)	137	920	MPKOC01	25
OPERATE BRONING COPIER	496	972	SPRC001	224
OPERATE CRANE(TRUCK,WAREHOUSE)	TABLE	921	TEHCOXX	61
OPERATE ELECTRIC FORKLIFT	TABLE	922	TEHFEXX	93
OPERATE ELECTRIC FORKLIFT	TABLE	922	TEHOFXX	95
OPERATE ELECTRIC TRANSPORTER	TABLE	922	TEHTCXX	97
OPERATE FORKLIFT TRUCK	VARIABLE	922	MEHFOXX	85
OPERATE FORKLIFT TRUCK(THREE TON CAPACITY)	TABLE	922	TEHFOXX	94

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTOP ELEMENT	PAGE
OPERATE HOIST(A-FRAME)	TABLE	921	TMHHOXX	69
OPERATE HOIST(POWER,AIR OR ELECTRIC)	VARIABLE	921	MEHHOXX	59
OPERATE HYDRAULIC DOCK	2009	921	MMTD001	74
OPERATE ITEK CAMERA	519	972	SPRC003	225
OPERATE LIGHTING EQUIPMENT	VARIABLE	929	SACE0XX	170
OPERATE MANUAL TRANSPORTER,RUN IN OR OUT	56	929	MMHT003	209
OPERATE MANUAL TRANSPORTER FORKS	VARIABLE	929	MMHTOXX	209
OPERATE OVERHEAD 24 INCH CAMERA	180	972	SPRC002	225
OPERATE VACUUM PRINTING FRAME	248	972	SPRF001	225
OPERATE/BOOMLIFT(ELECTRIC) BOOM	VARIABLE	921	MEHBOXX	59
OPERATE/MOVE HOIST(BRIDGE CRANE)	TABLE	921	TMHHMXX	68
OPERATE/MOVE/PULL HOIST(MONORAIL)	TABLE	921	TMHHPXX	70
OPERATE/MOVE/RAISE/LOWER HOIST(FLOOR CRANE)	TABLE	921	TMHHLXX	67
OPERATE/MOVE/RAISE/LOWER HOIST(JIB CRANE)	TABLE	921	TMHHRXX	71
OPERATIONS OF FORKLIFT TRUCK IN STORAGE AND STRAPPING AREA	2020	922	SEHF001	98
OVERWRAP AND TAPE CARTON	836	920	MPKCT01	20
PACK CARTON ON LINE(FIBERBOARD)	VARIABLE	920	JPKCPX2	53
PACK CARTON(FIBERBOARD) FOR PARCEL POST	VARIABLE	920	JPKCPX1	52
PACK JIFFY BAG ON LINE	352	920	SPKBJ01	34
PACK OR UNPACK BAG(BARRIER)	VARIABLE	920	KPKBPXX	46
PACK PARCEL POST BAG(JIFFY)	2815	920	JPKBPX1	50
PACK PART IN BAG AND BOX	202	920	SPKPP01	44
PACK WOOD BOX OFF LINE	VARIABLE	920	JPKBPX3	51
PACKAGE ITEM AND SEAL CARTON(INTERIOR CONTAINER)	VARIABLE	920	SPKCPXX	38
PACKAGE ITEM AND SEAL CARTON(EXTERIOR CONTAINER)	TABLE	920	TPKCPXX	32
PACKAGE ITEM IN BLISTER PACKAGE	527	920	SPKIP08	42
PACKAGE ITEM IN FIBER CAN,SEAL WITH TAPE	1439	920	SPKIP02	42
PACKAGE ITEM IN INTERIOR AND EXTERIOR CARTON	TABLE	920	SPKIPXX	41
PACKAGE ITEM IN OIL AND SEAL(MACHINE)	593	920	SPKIP10	43
PACKAGE ITEM IN REUSABLE METAL CONTAINER	12986	920	SPKIP11	43
PACKAGE ITEM IN RIGID CONTAINER-MACHINE SEALED	1388	920	SPKIP03	42
PACKAGE ITEM IN RIGID CONTAINER-RING SEAL	2534	920	SPKIP04	42
PACKAGE ITEM IN SKIN PACKAGE,VACUUM FORMED WITH CUSHIONING	1363	920	SPKIP07	42
PACKAGE ITEM IN STRIPPABLE COMPOUND(FOIL WRAP)	1944	920	SPKIP05	42
PACKAGE ITEM IN STRIPPABLE COMPOUND(NO WRAP)	1503	920	SPKIP06	42
PACKAGE ITEM IN WOODBOX(FINAL SHIPPING CONTAINER) WITH HOIST	4564	920	SPKIP01	41

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
PICK UP HANDLE(JACK)	93	910	MTLHP01	7
PICK UP LOAD WITH FORKLIFT, MOVE AND STACK	1789	922	SEHLP01	98
PICK UP LOADED PALLET AND MOVE WITH ELECTRIC STANDUP OPERATED FORKLIFT TRUCK	CON/VAR	922	SEHPPX1	101
PICK UP MATERIAL, TRANSPORT, DROP WITH FORKLIFT TRUCK	CON/VAR	922	SEHMPX1	99
PICK UP PALLET(LOADED 4000 POUNDS) WITH AN ELECTRIC FORKLIFT TRUCK	447	922	MEHPP03	91
PICK UP PALLET(LOADED-2000POUNDS) IN RAILROAD CAR WITH ELECTRIC FORKLIFT	533	922	MEHPP01	90
PICK UP PALLET(LOADED-4000 POUNDS) WITH ELECTRIC FORKLIFT TRUCK	321	922	MEHPP04	91
PICK UP PALLETS/UNIT LOADS WITH FORKLIFT TRUCK	TABLE	922	TEHPPXX	96
PICKUP PALLET(LOADED 2000 POUNDS)WITH ELECTRIC FORKLIFT TRUCK	465	922	MEHPP02	91
PLACE AIR CARGO ON WAREHOUSE PALLET, POSITION PALLET FOR MOVEMENT TO AIRCRAFT	CON/VAR	922	KSHCPX1	152
PLACE BAR(CLAW) ON FOUR BALL PULLER	72	910	BTLBP02	5
PLACE BAR(CLAW)ON SPIKE	120	910	BTLBP01	5
PLACE BAR(GAUGE),ON RAILS	124	910	MGMBP01	2
PLACE BOX ASIDE	TABLE	920	TOHBPXX	15
PLACE CLAMP(C-TYPE),ON RAIL FLANGE	89	910	MCPCP01	2
PLACE DOCUMENT IN PLASTIC PROTECTOR TO 9 X 11 INCHES	86	920	MPHDP03	15
PLACE DOLLY(PALLET)IN CARRIER BY FORKLIFT TRUCK AND RETURN DOLLY TO STORAGE	CON/VAR	922	SEHDPX1	98
PLACE EMP PALLET; MOVE LOADED	CON/VAR	922	KRCPPX1	127
PLACE HAND TRUCK ON OR GET OUT OF CREW TRUCK	293	929	MMHTG05	209
PLACE HANDLE IN JACK	75	910	MTLHP02	7
PLACE ITEM IN CONTAINER WITH OVERHEAD HOIST	674	921	MMHIP01	66
PLACE ITEM(SUPPORTED) IN BAG	VARIABLE	920	MPKIPXX	22
PLACE JACK UNDER RAIL AND TIGHTEN	VARIABLE	910	MTLJPXX	8
PLACE LEVEL ON RAIL	120	910	MTLLP01	8
PLACE LID AND LOCKING RING ON METAL CONTAINER	283	920	MFKLP02	24
PLACE LID ON FIBERCAN	125	920	MPKLP01	23
PLACE LID ON TRIPLE-WALL CONTAINER	233	920	MPKLP03	24
PLACE LINER(CARDBOARD) IN BOX	163	920	MJPLP02	13
PLACE LINER(PAPER) IN CONTAINER	466	920	MJPLP01	13
PLACE NUT SETTER ON NUT HEAD	68	910	MTPNP01	9
PLACE OR REMOVE DOCUMENTS(BUNDLE) FROM CONTAINER	VARIABLE	920	MPHDPXX	15
PLACE PLASTIC TRAY ON CONVEYOR LINE	132	929	MOHTP01	215

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
PLACE PULLER(FOUR BALL) ON SPIKE	153	910	BTLPP01	5
PLACE ROD(GAUGE),ON RAIL FLANGE	188	910	MGMRP01	2
PLACE TONGS ON TIE(RAILROAD)	91	910	BTLTP01	7
PLACE TRANSPORTER IN CARRIER OR REMOVE FROM CARRIER	1780	922	MEHTP01	91
POSITION AND REMOVE SCOTCH BLOCKS	408	921	MOHBP01	74
POSITION AND SECURE NETS(CARGO) ON 463L PALLET	VARIABLE	920	MPKNPXX	24
POSITION CAP AND SLEEVE ON PALLET	2043	920	MPKCP01	20
POSITION CHOCKS TO WHEELS	109	929	MJPCP01	173
POSITION K LOADER TO AIRCRAFT	VARIABLE	922	MEHKPXX	90
POSITION K LOADER(25/40K) TO TRANSFER DOCK	5179	922	MEHKP03	90
POSITION K LOADER(25/40K) PRECISELY AT RAIL/ROLLER SYSTEM	1467	922	MEHKP04	90
POSITION PALLETIZED-BULK OR UNIT LOAD CARGO ON DOCK OR IN BULK STORAGE	CON/VAR	922	KJPCPX1	115
POSITION PLACARD ON TRAILER	VARIABLE	929	MJPPPXX	177
POSITION PROTECTORS(CORNER)	473	920	MPKPP01	26
POSITION REEL/COIL FOR MEASURING	977	929	MJPRP01	177
POSITION ROLL OR COIL ON HOLDER	77	929	MJPRP02	177
POSITION SPIKE IN SPIKE HOLE	80	910	BOHSP01	3
POSITION STORAGE DUNNAGE MANUALLY FOR STACKING MATERIAL	518	929	MOHDP01	213
POSITION STRAPPING THROUGH PALLET	VARIABLE	920	MPKSPXX	28
POSITION STRAPPING TO SKIDS	393	920	MPKSP04	28
POSITION WAREHOUSE PALLET AT AIRCRAFT FOR UNLOADING	CON/VAR	922	SEHPPX2	102
POSITION WHEELS (SEMI-TRAILER,DOLLY)	VARIABLE	904	MJPCPXX	1
PREPARE AIRCRAFT FOR LOADING MISSILE COMPONENTS	536491	929	SJPAP01	177
PREPARE AND COMPLETE CARTON(FIBERBOARD)	TABLE	920	SPKCCXX	37
PREPARE AND DISPOSE CONSOLIDATED RECEIPTS CONTAINERS	CON/VAR	922	KPKCPX1	118
PREPARE AND UNLOAD VEHICLE(PIGGY BACK)	CON/VAR	921	KRCCUX3	75
PREPARE BASE AND MOUNT ITEM WITH HOIST	8149	920	SPKBM01	35
PREPARE BASE FOR AND MOUNT ITEM(NO BARRIER)	5062	920	SPKIM01	41
PREPARE BASE(MOUNTING)	1707	920	MPKBP01	17
PREPARE BI-LEVEL,TRI-LEVEL,TTX RAIL CAR CARRIER FOR UNLOADING VEHICLES	CON/VAR	929	KJPCPX4	200
PREPARE BIN TO STOW/REPLENISH STOCK	VARIABLE	922	MJPBSXX	111
PREPARE CONTAINER TO HOLD BIN ISSUE	VARIABLE	922	MOHCPXX	116
PREPARE FLATBED TRUCK CARRIER FOR LOADING BY TRUCK CRANE	CON/VAR	929	KJPCPX8	181

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
PREPARE FLATBED TRUCK CARRIER TO UNLOAD WITH FORKLIFT TRUCKS	CON/VAR	929	KJPCPXA	180
PREPARE FLATBED TRUCK CARRIER TO LOAD BY TWO FORKLIFT TRUCKS	CON/VAR	929	KJPCPXD	182
PREPARE FLATBED TRUCK CARRIER FOR LOADING BY TOW VEHICLES	CON/VAR	929	KJPCPXC	181
PREPARE FLATBED TRUCK CARRIER TO LOAD WITH YARD CRANE AND FORKLIFT TRUCK	CON/VAR	929	KJPCPXE	182
PREPARE ITEM TO PACKAGE IN OIL PRESERVATIVE	155	920	MPKIP04	22
PREPARE MULTILITH MASTER WITH XEROX EQUIPMENT	1082	972	SPRMP01	225
PREPARE PACKAGE(METHOD II), (INSERT DESICCANT WITH OR WITHOUT HUMIDITY INDICATOR;LABEL)	TABLE	920	SPKPPXX	44
PREPARE TO ISSUE BOLT MATERIAL	2455	929	SJPMP01	179
PREPARE TO ISSUE FROM BIN	VARIABLE	922	MJPBIXX	111
PREPARE TO LOAD PALLET/UNIT LOAD(AMMO)	CON/VAR	929	KJPPPX1	204
PREPARE TO LOAD PALLETIZED AIRCRAFT	CON/VAR	922	KJPAPX1	113
PREPARE TO LOAD RAIL BOXCAR CARRIER BY FORKLIFT TRUCK	CON/VAR	929	KJPCPX7	202
PREPARE TO LOAD RAIL FLATCAR CARRIER WITH FORKLIFT-UNIT LOADS	CON/VAR	929	KJPCPX5	200
PREPARE TO LOAD RAIL GONDOLA CAR CARRIER WITH YARD CRANE OR FORKLIFT TRUCK	CON/VAR	929	KJPCPXK	187
PREPARE TO LOAD TOWED VEHICLE ONTO RAIL FLATCAR CARRIER	CON/VAR	929	KJPCPX6	201
PREPARE TO LOAD VAN TRUCK/TRAILER CARRIER BY FORKLIFT TRUCK	CON/VAR	929	KJPCPXW	197
PREPARE TO LOAD VAN TRUCK/TRAILER CARRIER AT CENTRAL SHIPPING	CON/VAR	929	KJPCPXQ	192
PREPARE TO LOAD VEHICLE ON RAIL FLATCAR WITH CRANE	CON/VAR	929	KJPCPXR	192
PREPARE TO LOAD WHEELED VEHICLES	CON/VAR	929	KJPCPX1	197
PREPARE TO LOAD 40 FOOT RAIL REFRIGERATED CAR CARRIER	CON/VAR	929	KJPCPXG	184
PREPARE TO OPERATE FORKLIFT TRUCK	VARIABLE	922	MEHFPXX	89
PREPARE TO UNLOAD FLATBED TRUCK CARRIER WITH TOW VEHICLE	CON/VAR	929	KJPCPX9	203
PREPARE TO UNLOAD FLATBED TRUCK WITH YARD CRANE	CON/VAR	929	KJPCPX8	203
PREPARE TO UNLOAD FLATBED TRUCK CARRIER BY CRANE TRUCK, WAREHOUSE	CON/VAR	929	KJPCPXP	191
PREPARE TO UNLOAD GONDOLA CAR CARRIER WITH FORKLIFT TRUCK	CON/VAR	929	KJPCPXH	185
PREPARE TO UNLOAD RAIL BOXCAR CARRIER BY GRAVITY CONVEYOR, FORKLIFT AN PALLETS	CON/VAR	929	KJPCPX3	195
PREPARE TO UNLOAD RAIL FLATCAR CARRIER WITH CRANE	CON/VAR	929	KJPCPXS	193
PREPARE TO UNLOAD RAIL FLATCAR WITH FORKLIFT TRUCK	CON/VAR	929	KJPCPXV	196

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
PREPARE TO UNLOAD RAIL FLAT CAR	CON/VAR	929	KJPCPXU	195
PREPARE TO UNLOAD RAIL GONDOLA CAR CARRIER WITH CRANE AND FORKLIFT TRUCK	CON/VAR	929	KJPCPXJ	186
PREPARE TO UNLOAD RAILROAD BOXCAR CARRIER BY FORKLIFT TRUCK	CON/VAR	929	KJPCPX2	198
PREPARE TO UNLOAD VAN TRUCK/TRAILER CARRIER WITH FORKLIFT TRUCK	CON/VAR	929	KJPCPXM	189
PREPARE TO UNLOAD VAN TRUCK/TRAILER CARRIER WITH GRAVITY CONVEYOR, FORKLIFT AND PALLETS	CON/VAR	929	KJPCPXL	188
PREPARE TO UNLOAD VAN TRUCK/TRAILER CARRIER AT CENTRAL RECEIVING	CON/VAR	929	KJPCPXN	190
PREPARE TO UNLOAD VEHICLES FROM RAIL FLAT-CAR WITH YARD CRANE-TOW AWAY	CON/VAR	929	KJPCPXT	194
PREPARE TO UNLOAD 40 FOOT REFRIGERATOR RAIL CAR CARRIER	CON/VAR	929	KJPCPXF	183
PREPARE TRAILER AND SECURE FOR LOADING OR UNLOADING(INCLUDES SET UP AND SECURE BUILDING AND MATERIAL HANDLING	VARIABLE	929	KJPTPXX	205
PREPARE TRUCK(VAN/TRAILER)FOR LOADING AMMUNITION AT ABOVE GROUND MAGAZINE W/O PLATFORM	CON/VAR	929	KJPTPX2	206
PREPARE VAN TRUCK CARRIER FOR LOADING AMMUNITION	8628	929	KJPCP01	204
PREPARE VAN TRUCK/TRAILER TRUCK FOR LOADING AMMUNITION AT IGLOO	CON/VAR	929	KJPTPX1	206
PREPARE WORKSITE(SET UP AND SECURE BOXCAR-BUILDING AND MATERIAL HANDLING EQUIPMENT)	VARIABLE	929	KJPWPXX	207
PREPARE/COMPLETE BOX(WOOD) OFF LINE/ LOW LINE	4680	920	SPKBP01	35
PREPARE/COMPLETE CONEX FOR LOADING	13989	920	SPKCC03	38
PREPARE/COMPLETE CRATE ON LINE	22176	920	SPKCC02	37
PREPARE/COMPLETE WOOD BOX ON LINE	3242	920	SPKBP02	35
PROCESS CONSOLIDATED RECEIPTS	VARIABLE	929	JRCRPX1	221
PROCESS DOCUMENT PER CONEX	1129	920	SPKDP01	39
PROCESS DOCUMENT PER PACK-MULTIPLE LINE ITEM PER PACK	2143	920	SPKDP02	40
PROCESS DOCUMENT(PER LINE ITEM ISSUED) AND ATTACH TO CONTAINER	1511	922	KWRDP01	170
PROCESS DOCUMENTS PER LINE ITEM-SINGLE LINE ITEM PER PACK OR MULTIPLE PACKS PER LINE ITEM	2616	920	SPKDP04	40
PROCESS DOCUMENTS PER LINE ITEM-MULTIPLE LINE ITEMS PER PACK	1763	920	SPKDP05	40
PROCESS DOCUMENTS PER PACKED AS RECEIVED	2616	920	SPKDP03	40
PROCESS DOCUMENTS(PER BUNDLED OR BANDED ITEMS)	1524	920	SPKDP06	40
PROCESS DOCUMENTS(PER JIFFY BAG PACKED)	1664	920	SPKDP07	40
PULL COPIES FROM FORM 1348-1	255	929	MPHCP01	219

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
PULL PLATE(TIE)FROM UNDER RAIL,ASIDE	204	910	MOHPP01	4
PULL SPIKE WITH CLAW BAR OR PULLER	VARIABLE	910	BTLSPXX	6
PULL/PUSH MANUAL TRANSPORTER	VARIABLE	929	MMHTPXX	210
PUSH ASIDE EMPTY CART	262	929	MMHCP07	207
PUSH CART	VARIABLE	929	MMHCPXX	207
PUSH LOADED CART	TABLE	929	TMHCPXX	210
PUSH PALLET ON CONVEYOR	165	921	MMHPP01	66
PUT DESICCANT OR HUMICITY INDICATOR IN BAG OR CONTAINER	298	920	MPKDP01	21
PUT SLING AROUND PART OR OBJECT	241	921	MMHSP01	66
RAISE AND LOWER PALLET PIT PLATFORM	3596	929	MMTPL01	211
RAISE CONTAINER AND PLACE DUNNAGE FOR EASY PICKUP	2544	922	MEHCR01	89
RAISE TIE(RAILROAD)WITH PINCH BAR	VARIABLE	910	MTLTRXX	8
RELEASE JACK FROM RAIL	155	910	MTLJR01	8
RELEASE LOCK PIN (FIFTH WHEEL)	64	904	MJPLR01	2
RELEASE TONGS FROM TIE(RAILROAD)	76	910	BTLTR01	7
REMOVE ANCHOR FROM UNDER RAIL,ASIDE	122	910	MOHAR01	3
REMOVE AND ASIDE PLATE(TIE)	119	910	BOHPR01	3
REMOVE BALLAST FROM END OF TIE WITH SHOVEL	89	910	MTLBR01	7
REMOVE BALLAST WITH PICK	53	910	BTLRB01	6
REMOVE BELT FROM HOIST WITH SAFETY TYPE LATCH	VARIABLE	921	MMHBRXX	63
REMOVE BOLT WITH MAUL BLOW	84	910	BTLBR01	5
REMOVE CHOCKS FROM WHEEL	228	929	MJPCR01	173
REMOVE DOCUMENTS FROM CARRIER	178	929	MNFDR01	211
REMOVE EMPTY PALLET FROM CAR, RETURN TO STOW	CON/VAR	922	SEHPRX1	102
REMOVE EVANS GEAR BLOCKING FROM LOADED CAR	3344	929	MJPBR01	172
REMOVE EXCESS BALLAST FROM TIE SPACE	83	910	MTLBR02	7
REMOVE HEAVY-DOOR SHORING FROM RAILROAD CAR	10206	929	SRCSR01	219
REMOVE HOOK(PLAIN, CABLE OR HOIST)	VARIABLE	921	BMHHRXX	62
REMOVE INTERNAL SHORING FROM RAILROAD CAR	10968	929	SRCSR04	219
REMOVE LID(WOOD BOX)	VARIABLE	920	MPKLRXX	24
REMOVE LIGHT SHORING FROM RAIL CAR DOOR	5897	929	SRCSR02	219
REMOVE MAXIMIM INTERNAL SHORING FROM RAIL ROAD CAR	35598	929	SRCSR03	219
REMOVE MEMBER(WALL, DOOR AND CROSS-EVANS GEAR)FROM BOXCAR	VARIABLE	929	MJPMRXX	176
REMOVE NETS(CARGO) FROM PALLET(463L)	16383	920	MPKNR01	24
REMOVE NUT SETTER FROM NUT	39	910	BTPNR01	8

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTOP ELEMENT	PAGE
REMOVE OR REPLACE BURLAP COVERING	329	929	MOHCR01	213
REMOVE PART FROM BOX	VARIABLE	920	MPKPRXX	26
REMOVE PULLER(FOUR BALL) FROM CLAW BAR	28	910	BTLPR01	5
REMOVE RECEIVING DOCUMENTS, MATCH AND ATTACH TO CONTAINER	1263	922	SIDDR01	111
REMOVE SEAL(CONEX), OPEN AND CLOSE DOOR	1752	920	MPKRS01	27
REMOVE SEAL,RECORD NUMBERS	563	929	SIDSR01	172
REMOVE SLING	525	921	SMHSR01	73
REMOVE SLING FROM HOOK	45	921	MMHSR02	66
REMOVE SLING FROM PART	110	921	MMHSR01	66
REMOVE STAKE SECTION AND REPLACE FROM/ONTO TRUCK	VARIABLE	929	MJPSRXX	177
REMOVE STORAGE DUNNAGE MANUALLY	430	929	MOHCR01	213
REMOVE STRAP(S) (CUT AND ASIDE) FROM PALLET	VARIABLE	920	STLSRXX	58
REMOVE STRAPPING AND CARDBOARD FROM PALLET LOAD	VARIABLE	920	SPKSRXX	46
REMOVE STRAPPING(5/8 INCH) FROM BOX	VARIABLE	920	MPKSRXX	28
REMOVE TIGHTENER(STRAPPING-MANUAL)	129	920	MTLTR01	56
REPACK ORIGINAL WOOD BOX	VARIABLE	920	SPKBRXX	35
REPLACE BLOCKING TO EMPTY CAR	3016	929	MJPBR02	173
REPLENISH STOCK IN BIN	VARIABLE	929	JOHSRX1	218
REROLL BOLT MATERIAL	288	929	MOHMR01	214
REROLL BOLT MATERIAL	288	929	MOHBR01	212
RETURN EMPTY PALLET TO STORAGE	CON/VAR	922	SEHPRX2	102
RETURN EMPTY PALLET(463L)TO STORAGE	3828	922	SEHPR01	103
RETURN MATERIAL(BOLT)TO STORAGE	CON/VAR	922	SEHMRX1	99
RUN-THRU WITH ELECTRIC FORKLIFT TRUCK	3958	922	SEHTP01	103
SEAL BAG(BARRIER)	VARIABLE	920	MPKBSXX	17
SEAL BAG(HEAT) AND EXHAUST AIR	VARIABLE	920	SPKBSXX	35
SEAL BARRIER (HEAT)	VARIABLE	920	STLBSXX	56
SEAL ITEM IN HEAT SEALED BAG WITH FIBER-BOARD SUPPORT	1956	920	SPKIS03	43
SEAL ITEM IN HEAT SEALED BAG	VARIABLE	920	SPKISXX	43
SEAL LID TO METAL CONTAINER (MACHINE SEAL)-MANUALLY OPERATED	245	920	MPKLM01	23
SEAL OPENING(CORD-STRIPPABLE COMPOUND)	221	920	MTLOS01	54
SEAL WIRE/ROPE ENDS	119	929	MDPRS01	171
SEAT BOLT WITH HAMMER BLOWS	83	910	BTLBS01	5
SEAT NUT WITH WRENCH AND REMOVE WRENCH	191	910	BTLNS01	5
SECURE AMMUNITION IN VAN TRUCK	CON/VAR	929	SSHASX2	223
SECURE AND SEAL GASKET TO PRE-MOUNTED BOLT	153	920	MPKGS01	21

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
SECURE BOXCAR DOOR WIRH CAM AND HASP	137	929	MJPDS01	174
SECURE CRATE(WIREBOUND) WITH WIRE LATCH	301	920	MPKCS01	20
SECURE LIGHT VEHICLE TC CARRIER	VARIABLE	929	SSHVSXX	224
SECURE PALLETIZED OR UNITIZED AMMUNTION IN A RAILROAC CAR	CON/VAR	929	SSHASX1	223
SELECT ANC CUT BOLT MATERIAL	VARIABLE	922	JOHMSX1	117
SELECT BAR STOCK FROM STORAGE(NO CUTTING)	VARIABLE	922	JEHSSX1	109
SELECT BAR STOCK FROM STORAGE(CUTTING REQUIRED)	VARIABLE	922	JEHSSX2	110
SELECT MATERIAL FROM BIN	VARIABLE	929	JOHMSX1	217
SELECT MATERIAL FROM BULK LOCATION-MORE THAN ONE LOCATION-MULTI LINES PER PALLET	VARIABLE	922	JEHMSX5	107
SELECT MATERIAL-FULL PALLET(SINGLE LINE ITEM PER PALLET)	VARIABLE	922	JEHMSX4	106
SELECT MATERIAL-ONE LINE FROM RACK STORAGE (MULTIPLE LINE ITEMS BY STOCK SELECTOR PLATFORM TYPE)	VARIABLE	922	JEHMSX6	108
SELECT 55GAL DRUMS OR CYLINDERS FROM STORAGE(FULL OR PARTIAL PALLETS)	VARIABLE	922	JEHDSX1	105
SEPARATE PACKAGE(BLISTER) FROM MULTI-COMPARTMENT UNITS	209	920	MTLPS01	54
SET AND DRIVE PLUG(RAIL SPIKE HOLE)	192	910	MTLPS01	8
SET DIALS TO ZERO ON MEASURING DEVICE(CLOTH)	130	929	MGMDS01	171
SET DOWN PALLET(LCADED-4000 POUNDS) WITH ELECTRIC FORKLIFT TRUCK	335	922	MEHPS01	91
SET SPIKE WITH MAUL	123	910	BTLSS01	6
SET UP AND BREAK DOWN CONVEYOR (ROLLER)	41700	921	SJPCS01	62
SET UP ANC DISMANTLE CONVEYOR(SKATE OR ROLLER)	51572	921	MMHCS01	64
SET UP ANC SECURE EQUIPMENT(ELECTRIC FORKLIFT ANC COOR PLATE)	2360	922	SJPES01	112
SET UP ANC SECURE IGLOO/MAGAZINE	VARIABLE	929	KJPISXX	204
SET UP TEMPORARY REEL ANC ATTACH REEL/COIL MATERIAL	214	922	MJPRS01	112
SET WARNING PLACARDS	CON/VAR	922	SJPPSX1	112
SETUP BOXCAR FOR LOADING AMMUNITION	7268	929	SJPBL01	178
SETUP BOXCAR FOR UNLOADING AMMUNITION	45973	929	SJPBS01	178
SLIDE LARGE METAL SHEET FROM TABLE TC FLOOR	343	929	MOHSS01	215
SLIDE TIE(NEW) UNDER RAIL	114	910	BOHTS01	3
STACK PALLETS/UNIT LOADS WITH FORKLIFT TRUCK	TABLE	922	TEHPSXX	96
STAMP BIN LABEL	2669	929	MIDLS01	172
STAMP LABELS WITH ROLL STAMP	VARIABLE	920	SIDLSXX	12
STAPLE CARD/DOCUMENT TC CONTAINER	145	920	MNFCS01	13

DEFENSE WORK MEASUREMENT STANDARD TIME DATA
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OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
STAPLE FRAME(BOX) CORNER WITH A SPOTNAILER	537	920	MPKFS01	21
STAPLE PLACARD TO FLAT SURFACE/REMOVE	VARIABLE	929	MNFPSXX	212
STAPLE STRAPPING WITH HAMMER	125	920	BTLSS01	53
STENCIL CONEX	3969	920	SIDCS01	12
STENCIL PACK	VARIABLE	920	MIDPSXX	11
STENCIL/LABEL/STRAP CONTAINER-ON LINE	6560	920	SPKCS02	39
STENCIL/LABEL/STRAP CONTAINER-OFF LINE/ LOW LINE	18208	920	SPKCS01	39
STENCIL/LABEL/STRAP TRI-WALL CONTAINER, LOAD PALLET	CON/VAR	920	SPKPSX1	45
STOP HOIST MOVEMENT MANUALLY	VARIABLE	921	BMHHSXX	62
STRAIGHTEN NETS(CARGO) AND HANG ON RACK	1852	920	MOHNS01	13
STRAP AND MARK PALLET LOAD,SHROUD(SHEATH)	CON/VAR	920	KPKPSX1	50
STRAP BUNDLE	1327	920	MTLSB01	54
SUPPORT ITEM WITH FIBERBOARD	87	920	MPKIS01	22
TAPE DOCUMENT TO CONTAINER	VARIABLE	920	MNFDTXX	13
TAPE OVERWRAP	VARIABLE	920	MPKOTXX	25
TAPE SEAMS AND STENCIL PACK(LEVEL A)	VARIABLE	920	MPKPTXX	27
TEAR APART PLASTIC CONTAINER	355	920	SPKCT01	39
TEAR OPEN ENVELOPE(TACKED TO CARRIER WALL)	73	922	MNFE001	116
TIEDOWN U/W CODED CARGO IN AIRCRAFT	4084	929	SSHCT01	223
TIGHTEN STRAPPING	1137	920	MTLST03	55
TIGHTEN STRAPPING AROUND CONTAINER	931	920	MTLST05	55
TIGHTEN STRAPPING WITH MANUAL TIGHTENER	578	920	MTLST04	55
TIGHTEN STRAPPING WITH POWER TIGHTENER	VARIABLE	920	MTLSTXX	55
TIME FOR CONVEYOR TRAVEL	100	921	BMTCT01	73
TRANSFER PALLET(463L)TO BREAKDOWN DOCK, , STOW EQUIPMENT, DELIVER PAPER WORK TO OFFICE	CON/VAR	922	KRCPTX1	128
TRANSPORT LOADED PALLET FROM CARRIER WITH FORKLIFT	VARIABLE	922	SEHPTXX	103
TRAVEL FORKLIFT TRUCK OUT OF BOXCAR OR TRAILER	TABLE	922	TEHFBXX	92
TRAVEL FORKLIFT TRUCK-TRACTOR	TABLE	922	TEHFTXX	95
TRAVEL TIMES VEHICLE(PRIME MOVER)(WHEEL)	VARIABLE	922	MEHVTXX	92
TURN CONTAINER(SLIDE)	TABLE	920	TOHCTXX	15
TURN DOWN NUT SEAT WITH NUT SETTER	39	910	MTPNT01	9
TURN NUT WITH WRENCH	98	910	MTLNT01	8
TURN PALLET ON TURNTABLE(NON-POWERED)	217	929	MMHPT01	208
UNHOOK CABLES FROM CARGO AND HOOK TO ELEVATOR	1817	921	MMHCU01	64
UNHOOK CABLES(ELEVATOR) ON RAMP/ELEVATOR AIRCRAFT	283	921	MMHCU02	64

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
UNHOOK TRAILER FROM TRACTOR	744	922	MEHTH01	91
UNLATCH BOXCAR DOOR	171	929	MJPDU01	174
UNLOAD TRUCK(FLATBED) WITH WARE-HOUSE TRUCK CRANE	VARIABLE	921	JRCTUX1	79
UNLOAD AIRCRAFT WITH NON-PALLETIZED (FLOOR-LOAD)MIXED CARGO	VARIABLE	922	JSHAOX2	155
UNLOAD AIRCRAFT WITH PRE-PALLETIZED MIXED CARGO(A/C FITTED WITH A 463L RAIL SYSTEM)	VARIABLE	922	JSHAOX1	154
UNLOAD AIRCRAFT(463L PALLET)WITH 25/40 K LOADER	CON/VAR	922	KRCAUX3	121
UNLOAD AIRCRAFT(463L PALLETS)WITH 10 K LOADER	CON/VAR	922	KRCAUX2	121
UNLOAD BOX RAIL CAR WITH GRAVITY CONVEYOR FORKLIFT AND PALLETS	VARIABLE	929	JRCCUX2	220
UNLOAD CAR(GONDOLA-RAIL) WITH YARD CRANE	VARIABLE	921	JRCCUX4	78
UNLOAD CAR(RAIL, BOX)WITH FORKLIFT TRUCK	VARIABLE	922	JRCCUX1	135
UNLOAD CAR(RAIL, FLAT)WITH FORKLIFT-UNIT LOADS	VARIABLE	922	JRCCUX5	139
UNLOAD CAR(RAIL, REFRIGERATED, 40 FOOT-SOLID)	VARIABLE	922	JRCCUX2	136
UNLOAD CAR(RAIL,FLAT) VEHICLES WITH CRANE-TOW AWAY	VARIABLE	921	JRCCUX1	76
UNLOAD CAR(RAIL,FLAT) WITH YARD CRANE	VARIABLE	921	JRCCUX3	77
UNLOAD CAR(RAIL,FLAT), TOW WHEELED VEHICLE OFF OF CAR	VARIABLE	922	JRCCUX4	138
UNLOAD CAR(SPECIAL,BI-LEVEL,TRI-LEVEL,TTX)	VARIABLE	922	JRCCUX6	140
UNLOAD CARRIER BY CRANE AND MOVE MATERIAL TO STORAGE LOCATION BY FORKLIFT TRUCK	CON/VAR	921	KRCCUX2	74
UNLOAD CARRIER BY CRANE AND MOVE MATERIAL TO STORAGE LOCATION BY FORKLIFT	CON/VAR	921	KRCCUX1	74
UNLOAD COMMON-RAIL CARRIER TO STORAGE-VEHICLE	CON/VAR	922	KRCCUXC	122
UNLOAD FLATBED TRUCK CARRIER TO STORAGE-PALLET	CON/VAR	922	KRCCUX9	125
UNLOAD FLATBED TRUCK CARRIER AND MOVE TO STORAGE-WHEELED VEHICLE	CON/VAR	922	KRCCUXE	123
UNLOAD FLATBED TRUCK WHEELED VEHICLE-TOW OFF	VARIABLE	922	JRCTUX1	141
UNLOAD FORKLIFT TRUCK(3000-6000 POUND)FROM CARRIER WITH 15000POUND FORKLIFT	8104	922	SEHFL01	98
UNLOAD GONDOLA CAR BY HEAVY DUTY FORKLIFT WITH SPECIAL LIFTING DEVICE	VARIABLE	922	JRCCUX3	137
UNLOAD GONDOLA CAR(CONEX)	CON/VAR	922	KRCCUX2	123
UNLOAD HARDWARE FROM HANDCAR ALONG RIGHT OF WAY	98	910	SOHHU01	4
UNLOAD MIXED FLATBED TRUCK-TWO FORKLIFTS	VARIABLE	922	JRCTUX6	144
UNLOAD NON-PALLETIZED AIRCRAFT, BELLY LOADED CARGO-PER AIRCRAFT	CON/VAR	922	KRCAUX1	120

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
UNLOAD PALLET FROM AIRCRAFT USING 10 K FORKLIFT LOADER AND 463L TRAILER	24894	921	SEHPU01	61
UNLOAD TRUCK CARRIER THROUGH CENTRAL RECEIVING TO STORAGE LOCATION-PALLET	CON/VAR	922	KRCCUX5	124
UNLOAD TRUCK(FLATBED) WITH YARD CRANE	VARIABLE	921	JRCTUX2	80
UNLOAD TRUCK(FLATBED-SOLID)-TWO FORKLIFTS	VARIABLE	922	JRCTUX5	143
UNLOAD VAN TRUCK CARRIER TO STORAGE WITH FORK LIFT PALLET	CON/VAR	922	KRCCUX8	122
UNLOAD VAN TRUCK CARRIER TO STORAGE WITH FORK LIFT-PALLETS	CON/VAR	922	KRCCUX8	124
UNLOAD VAN/TRAILER TRUCK WITH GRAVITY CONVEYOR, FORKLIFT AND PALLET	VARIABLE	929	JRCTUX2	222
UNLOAD VAN/TRAILER TRUCK WITH FORKLIFT TRUCK	VARIABLE	922	JRCTUX4	142
UNLOAD VEHICLE(PIGGY-BACK)	VARIABLE	921	JRCVUX1	81
UNLOAD WHEELED VEHICLE FROM CARRIER (FLATCAR)WITH CRANE	CON/VAR	921	KRCCUX4	75
UNLOCK PALLET RESTRAINT(463L PALLET)	VARIABLE	929	MACPLXX	170
UNPACK BEARING(IN PLASTIC PACK)	259	920	SPKBU01	36
UNPACK PART(SEALED IN CAN)	375	920	SPKPU01	45
UNPACK/UNWRAP PART	VARIABLE	920	MPKPUXX	27
UNTIE AIR- U/W CODED CARGO AND CHECK ON AIR-CRAFT	6981	929	SNFCU02	212
UNTIE AIR-GENERAL FLOOR-LOADED CARGO AND CHECK ON AIRCRAFT	17074	929	SNFCU01	212
UNWRAP OBJECT(CYLINDRICAL)	VARIABLE	920	MPKOUXX	25
USE PINCH BAR TO LOOSEN HEAVY SHORING	412	929	MTLBU01	224
VERIFY CAR SEAL NUMBER	216	929	MRDNV01	223
WEIGH AND LABEL CONTAINER(PARCEL POST)	799	920	SPKCW01	39
WEIGH AND MEASURE CONTAINER(BULK)	1180	920	MGMCW02	10
WEIGH CONTAINER(LIGHT PACK)	499	920	MGMCW01	10
WEIGH PALLET, RECORD WEIGHT ON DOCUMENTS AND ATTACH WEIGHT RECORD TO PALLET	7432	929	MGMPW01	172
WEIGH, MEASURE AND CUBE CONTAINER(BULK)	5165	920	SPKCW02	39
WINCH UP CARGO RAMP(U OR W CODED) INTO AIRCRAFT AND POSITION IN EXACT LOCATION	16503	921	MMHCW01	64
WIPE BIN INSIDE WITH CLOTH	170	929	MCLBW01	171
WIRE TAG OR ENVELOPE TO MATERIAL	438	920	SIDTW01	12
WRAP ITEM AND PLACE IN HEAT SEAL BAG	VARIABLE	920	MPKIWXX	22
WRAP ITEM AND PLACE IN RIGID CONTAINER	470	920	MPKIW05	23
WRAP ITEM IN BARRIER OR WADDING	VARIABLE	920	MPKIBXX	22
WRAP ITEM WITH LOCK-FOLD WRAP	313	920	MPKIW04	23
WRAP OR PLACE PART IN OPEN BAG	VARIABLE	920	MPKPWXX	27
WRAP PART IN PAPER(POLISHED SURFACE)	2688	920	MPKPW03	27

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DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	904	MAL	HXJTXXX	MEVTMXX	VARIABLE	TRAILER(VAN OR STAKE),MOUNT/DISMOUNT STARTS=WITH A REACH TO CAB DOOR HANDLE INCLUDES=ALL THE TIME NECESSARY TO OPEN THE CAB DOOR,ENTER THE CAB FROM THE GROUND OR TO CLIMB ONTO TRACTOR PLATFORM FROM THE GROUND AND ENTER CAB FROM PLATFORM,CLOSE CAB DOOR=OPEN CAB DOOR,DISMOUNT TO GROUND OR TO TRACTOR PLATFORM,CLOSE DOOR FROM GROUND,DISMOUNT FROM TRACTOR PLATFORM TO GROUND ENDS=WITH CLOSING CAB DOOR AFTER ENTER OR WITH CLOSE DOOR AFTER DISMOUNT TO GROUND
					50	CASE 01 OPEN CAB DOOR FROM GROUND
					216	02 ENTER CAB FROM GROUND OR TRACTOR PLATFORM,CLOSE DOOR
					129	03 CLIMB TO TRACTOR PLATFORM FROM GROUND
					170	04 OPEN CAB DOOR,DISMOUNT TO GROUND
					317	05 OPEN CAB DOOR,DISMOUNT TO TRACTOR PLATFORM
					105	06 DISMOUNT FROM TRACTOR PLATFORM TO GROUND
					93	07 CLOSE CAB DOOR FROM GROUND
NO	904	MAL	HXJTH01	MJPCC01	229	CABLE(ELECTRICAL),CONNECT TO TRAILER STARTS=WITH TURN TO CAB INCLUDES=ALL THE TIME NECESSARY TO GET THE PLUG FROM CAB,TURN TO TRAILER,LIFT OUTLET COVER,INSERT PLUG AND TURN AWAY ENDS=WITH TURN AWAY FROM TRAILER
NO	904	MAL	HXJTU01	MJPCD01	166	CABLE(ELECTRICAL),DISCONNECT FROM TRAILER STARTS=WITH TURN TO TRAILER INCLUDES=ALL THE TIME NECESSARY TO REMOVE PLUG FROM TRAILER OUTLET,TURN TO CAB AND PLACE PLUG IN BRACKET ENDS=WITH PLUG IN BRACKET ON CAB
NO	904	MAL	HXJTW01	MJPDPXX	VARIABLE	WHEELS,(SEMI-TRAILER,DOLLY),POSITION STARTS=WITH REACH TO CRANK HANDLE INCLUDES=ALL THE TIME NECESSARY TO GET THE CRANK HANDLE FROM HOLDER AND POSITION ON SHAFT TURN CRANK TO RAISE OR LOWER DOLLY-WHEELS,TURN TO LIFT TRAILER CLEAR OF FIFTH WHEEL,REMOVE HANDLE FROM SHAFT,SWING BRACKET ASIDE AND RETURN HANDLE TO HOLDER ENDS=WITH RELEASE OF CRANK HANDLE AFTER READY AND SECURE
					70	CASE 01 READY DOLLY-WHEEL CRANK FOR USE
					66	02 SECURE DOLLY-WHEEL CRANK AFTER USE
					2398	03 CRANK DOLLY-WHEELS UP-STARTS AND ENDS WITH HAND(S)ON HANDLE
					2514	04 CRANK DOLLY-WHEELS DOWN-STARTS AND ENDS WITH HAND(S)ON HANDLE
NO	904	MAL	HXJTH02	MJPHC01	561	HOSE(AIR BRAKE),CONNECT TO TRAILER STARTS=GET HOSE INCLUDES=ALL THE TIME NECESSARY TO DISCONNECT FROM CAB,TURN TO TRAILER,INSERT COUPLING, SECURE CONNECTION,TURN AIR VALVE ON CAB TO OPEN AND SEAT VALVE ENDS=WITH VALVE SEATED CONDITIONS=CONNECT TWO HOSES
NO	904	MAL	HXJTU02	MJPHD01	515	HOSE(AIR BRAKE),DISCONNECT FROM TRAILER STARTS=WITH BEND TO AIR VALVE INCLUDES=ALL THE TIME NECESSARY TO TURN OFF AIR VALVE,TURN TO TRAILER AND DISCONNECT TWO HOSES,MOVE TO CAB AND PLACE HOSES IN BRACKET ENDS=WITH BOTH HOSES IN BRACKET ON CAB

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	904	MAL	HXJTU03	MJPLR01	64	LOCK PIN(FIFTH WHEEL),RELEASE STARTS-WITH REACH TO LOCK PIN HANDLE INCLUDES-ALL THE TIME NECESSARY TO GRASP AND PULL THE LOCK PIN HANDLE ENDS-WITH PIN PULLED FREE
NF	910	MAF	1540	MCLPC01	139	PLATE(TIE),CLEAN WITH BROOM STARTS-WITH BROOM IN HAND INCLUDES-ALL THE TIME NECESSARY TO MOVE A BROOM TO A TIE PLATE,MOVE BACK AND FORTH FOUR TIMES TO CLEAN,WALK TWO PACES TO NEXT TIE, TURN AND PREPARE TO SWEEP ENDS-WITH BROOM IN HAND AT NEXT TIE
NF	910	MAF	3135	MCPCP01	89	CLAMP(C-TYPE),PLACE ON RAIL FLANGE STARTS-WITH CLAMP IN HAND INCLUDES-ALL THE TIME NECESSARY TO SET AND POSITION A CLAMP ON THE RAIL FLANGE AND PREPARE TO TIGHTEN ENDS-WITH REACH TO NUT TO TIGHTEN
NF	910	MAF	4094	BGMBG01	105	BAR(GAUGE),GET FROM ALIGNING POSITION STARTS-WITH STOOP TO BAR GAUGE INCLUDES-ALL THE TIME NECESSARY TO STOOP,REACH FOR GAUGE,PICK UP AND STAND UP ENDS-WITH STAND UP
NF	910	MAF	3049	MGMBP01	124	BAR(GAUGE),PLACE ON RAILS STARTS-WITH GAUGE IN HAND INCLUDES-ALL THE TIME NECESSARY TO STOOP, POSITION GAUGE ON RAILS IN POSITION FOR GAUGING,STAND UP ENDS-WITH STAND UP
NF	910	MAF	1505	MGMRG01	126	ROD(GAUGE),GET FROM BESIDE TRACK STARTS-WITH TURN TO ROD INCLUDES-ALL THE TIME NECESSARY TO TURN,STOOP, PICK UP ROD,LIFT AND STAND UP WITH ROD ENDS-WITH ROD IN HANDS
NF	910	MAF	3754	MGMRM01	146	ROD(GAUGE),MOVE FROM LAST LOCATION PLACED TO NEXT LOCATION TO PLACE STARTS-WITH ARISE AFTER PLACING ROD INCLUDES-ALL THE TIME NECESSARY TO ARISE AND WALK FIVE PACES TO NEXT LOCATION,STOOP TO NEW GAUGE ROD ENDS-WITH STOOP TO ROD
NF	910	MAF	4137	MGMRM02	107	RAIL,MARK FOR CUTTING STARTS-WITH TAPE HELD IN LEFT HAND INCLUDES-ALL THE TIME NECESSARY TO GET CRAYON FROM POCKET,POSITION CRAYON AND MARK RAIL AT POINT TO BE CUT ENDS-WITH CRAYON IN HAND
NF	910	MAL	3356/57	MGMRP01	188	ROD(GAUGE),PLACE ON RAIL FLANGE STARTS-WITH STOOP TO RAIL-ROD IN HAND INCLUDES-ALL THE TIME NECESSARY TO BEND TO RAIL,PLACE ROD UNDER RAIL AND PLACE HOOK ON RAIL FLANGE,STAND UP ENDS-WITH STAND
NF	910	MAF	4092	MITRA01	483	RAIL,ALIGN BY SIGHTING STARTS-WITH KNEEL TO SIGHT LINE INCLUDES-ALL THE TIME NECESSARY TO KNEEL AND SIGHT ALONG RAIL TO DETERMINE ALIGNMENT OR LEVELNESS WITH EIGHT EYE TRAVEL AND EYE FOCUS, ARISE AND WALK 12 PACES TO NEXT SIGHTING LOCATION-ALIGN TWICE PER 1/2 RAIL LENGTH ENDS-WITH COMPLETION OF WALK TO NEXT LOCATION

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	910	MAF	3896	BOHPG01	83	PLUG(RAIL SPIKE HOLE),GET AND PLACE IN HOLE STARTS-WITH A STOOP TO GET PLUG INCLUDES-ALL THE TIME NECESSARY TO PICK UP PLUG WHILE IN STOOP POSITION,MOVE PLUG TO SPIKE HOLE AND INSERT PLUG IN HOLE,HOLD PLUG ENDS-WITH HAND HOLDING PLUG IN HOLE
NF	910	MAF	1552	BOHPR01	119	PLATE(TIE),REMOVE AND ASIDE STARTS-WITH STOOP TO REACH TO PLATE INCLUDES-ALL THE TIME NECESSARY TO STOOP, REACH TO END OF PLATE,PICK UP PLATE,MOVE PLATE TO TIE END AND RELEASE,STRAIGHTEN UP ENDS-WITH ARISE
NF	910	MAF	3364	BOHSP01	80	SPIKE,POSITION IN SPIKE HOLE STARTS-WITH A STOOP(MAUL IN RIGHT HAND) INCLUDES-ALL THE TIME NECESSARY TO STOOP,GET SPIKE,PLACE SPIKE IN SPIKE HOLE ENDS-WITH HAND ON SPIKE IN HOLE
NF	910	MAF	1541	BOHTD01	204	TIE,DRAG UNDER RAIL STARTS-WITH MOVE TIE INCLUDES-ALL THE TIME NECESSARY TO MOVE A RAIL ROAD TIE UNDER A RAIL BY DRAGGING ENDS-WITH TIE UNDER RAIL AND HANDS ON TIE
NF	910	MAF	3366	BOHTS01	114	TIE(NEW),SLIDE UNDER RAIL STARTS-WITH BEND TO PLACE TIE INCLUDES-ALL THE TIME NECESSARY TO SLIDE A RAILROAD TIE UNDER A RAIL BY HAND ENDS-WITH TIE UNDER RAIL AND HAND ON TIE
NF	910	MAF	2962	MOHAG01	146	ANCHOR,GET AND PLACE UNDER RAIL STARTS-WITH STOOP TO RAIL INCLUDES-ALL THE TIME NECESSARY TO PICK UP ANCHOR,MOVE ANCHOR TO RAIL,ALIGN WITH TIE, RELEASE ANCHOR,STAND UP ENDS-WITH ARISE FROM RAIL
NF	910	MAF	3045	MOHAR01	122	ANCHOR,REMOVE FROM UNDER RAIL,ASIDE STARTS-WITH STOOP TO ANCHOR INCLUDES-ALL THE TIME NECESSARY TO GET HOLD OF ANCHOR,MOVE ANCHOR OUT FROM RAIL,MOVE ANCHOR UP AND OUT,DROP ON BALLAST,STAND UP ENDS-WITH STAND UP
NF	910	MAF	3048	MOHBA01	107	BAR(JOINT),ASIDE(FOR RE-USE) STARTS-WITH STOOP TO REACH FOR BAR INCLUDES-ALL THE TIME NECESSARY TO STOOP,REACH AND PICK UP BAR,MOVE BAR ASIDE;RELEASE AND STAND UP ENDS-WITH ARISE TO STAND
NF	910	MAF	2963	MOHBG01	128	BAR(JOINT),GET AND PLACE ON RAIL STARTS-WITH TURN TO RAIL INCLUDES-ALL THE TIME NECESSARY TO STOOP AND GET BAR,LIFT AND MOVE BAR FROM TIE TO RAIL, PLACE ON RAIL AND RELEASE ENDS-WITH RELEASE OF BAR
NF	910	MAF	4090	MOHB001	114	BOLT,OBTAIN AND POSITION STARTS-WITH A STOOP INCLUDES-ALL THE TIME NECESSARY TO STOOP, REACH TO BOLT,MOVE AND INSERT BOLT IN HOLE, SEAT BOLT TO COLLAR,ORIENT AND SEAT TO HEAD, RELEASE BOLT ENDS-WITH RELEASE BOLT

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	910	MAF	2969	MOHPG01	165	PLATE(TIE),GET AND PLACE UNDER RAIL STARTS-WITH STOOP TO RAIL INCLUDES-ALL THE TIME NECESSARY TO STOOP,REACH TO AND GET PLATE,MOVE PLATE TO TIE AND PUSH UNDER RAIL,ALIGN PLATE WITH TIE,RELEASE PLATE AND ARISE ENDS-WITH ARISE FROM RAIL
NF	910	MAF	2968	MOHPG02	130	PLATE(TIE),GET AND POSITION ON RAIL STARTS-WITH STOOP TO RAIL INCLUDES-ALL THE TIME NECESSARY TO STOOP,PICK UP PLATE FROM TIE END,MOVE PLATE AND POSITION ON RAIL,RELEASE PLATE ENDS-WITH RELEASE OF PLATE
NF	910	MAF	1548	MOHPP01	204	PLATE(TIE),PULL FROM UNDER RAIL,ASIDE STARTS-WITH STOOP TO ROADBED INCLUDES-ALL THE TIME NECESSARY TO REACH TO PLATE,PUSH PLATE OVER EDGE OF TIE,RELEASE PLATE,REACH TO PLATE,PULL FROM UNDER RAIL,MOVE ASIDE,RELEASE AND STAND UP ENDS-WITH ARISE
NF	910	MAF	3895	MOHSDXX	VARIABLE	SPIKES,DISTRIBUTE STARTS-WITH STOOP TO SPIKE PILE INCLUDES-ALL THE TIME NECESSARY TO PICK UP SPIKE,MOVE SPIKES TO LEFT HAND,WALK TO DROP POINTS AND DROP SPIKES AT EACH POINT ENDS-WITH LAST SPIKE DROPPED CONDITIONS-PICK UP ONE TO THREE SPIKES PER PICK UP-AVERAGE 16 SPIKES PER TRIP-DROP SPIKES AT EIGHT POINTS 492 CASE 01 FOR 16 SPIKES 31 02 PER SPIKE
NF	910	MAF	3892	SOHHL01	150	HARDWARE,LOAD ON HANDCAR ALONG RIGHT OF WAY STARTS-WITH STOOP TO RAIL BED INCLUDES-ALL THE TIME NECESSARY TO PICK UP A PART FROM THE RAILBED,TURN TO FACE HANDCAR, PLACE PART ON THE HANDCAR AND TURN FROM CAR ENDS-FACING AWAY FROM CAR CONDITIONS-PER PART
NF	910	MAF	3890	SOHHL02	221	HARDWARE,LOAD ONTO HANDCAR OR UNLOAD FROM OR TO STORAGE STARTS-WITH STEP TO PALLET INCLUDES-ALL THE TIME NECESSARY TO WALK AND BEND TO REACH PART,GRASP PART,ARISE AND TURN TO FACE HANDCAR,WALK TO HANDCAR,PLACE PART IN HANDCAR AND TURN TO FACE PALLET ENDS-FACING PALLET CONDITIONS-WALK TWO PACES OBSTRUCTED TO AND FROM PALLET-PER PART
NF	910	MAF	3891	SOHHU01	98	HARDWARE,UNLOAD HANDCAR ALONG RIGHT OF WAY STARTS-WITH REACH TO PART ON HAND CAR INCLUDES-ALL THE TIME NECESSARY TO PICKUP AND LIFT HARDWARE FROM CAR,TURN FROM CAR AND DROP ALONG RIGHT OF WAY AND TURN TO FACE CAR ENDS-FACING HANDCAR CONDITIONS-PER PART
NF	910	MAF	3365	BTLAT01	118	TIE,ALIGN TO RAIL WITH TONGS STARTS-WITH HANDS ON TONG HANDLE-TONG ENGAGED TO TIE INCLUDES-ALL THE TIME NECESSARY TO MOVE AND POSITION TIE TO RAIL ENDS-WITH TIE POSITIONED-HANDS ON TONG HANDLE CONDITIONS-MOVE TIE SIX INCHES PRIOR TO FINAL ALIGN

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	910	MAF	3352	BTLBA01	92	BAR(CLAW),ALIGN WITH SPIKE STARTS-WITH CLAW BAR IN HAND INCLUDES-ALL THE TIME NECESSARY TO MOVE THE BAR TO THE SPIKE,POSITION BAR ON SPIKE,STEP BACK AND TURN OUT OF WAY OF MAUL ENDS-WITH TURN AWAY
NF	910	MAF	1298	BTLBOXX	VARIABLE	BAR(CLAW),DRIVE ON SPIKE WITH MAUL STARTS-WITH MAUL IN HAND INCLUDES-ALL THE TIME NECESSARY TO DRIVE A CLAW BAR ALREADY AFFIXED TO SPIKE WITH A MAUL, ALIGN CLAW BAR AND STRIKE BAR A SECOND TIME WITH CARE,RAISE MAUL AND STEP BACK ENDS-WITH STEP BACK
					142	CASE 01 STRIKE ONE TIME
					37	02 EACH ADDITIONAL STROKE
NF	910	MAF	1299	BTLBL01	84	BAR(JOINT),LOOSEN WITH SPIKE MAUL STARTS-WITH MAUL IN HAND INCLUDES-ALL THE TIME NECESSARY TO TAKE ONE STEP INTO POSITION TO SWING MAUL,STRIKE BAR ONE TIME ENDS-WITH MAUL IN HAND RESTING ON JOINT BAR
NF	910	MAF	3353	BTLBP01	120	BAR(CLAW),PLACE ON SPIKE STARTS-WITH TURN TO FACE RAIL INCLUDES-ALL THE TIME NECESSARY TO PLACE THE CLAWS OF A CLAW BAR ON A SPIKE AND PREPARE TO PULL SPIKE ENDS-WITH BAR IN POSITION READY TO PULL
NF	910	MAF	3354	BTLBP02	72	BAR(CLAW),PLACE ON FOUR BALL PULLER STARTS-WITH BAR IN HAND INCLUDES-ALL THE TIME NECESSARY TO MOVE BAR TO PULLER,PLACE BAR ONTO PULLER AND STEP BACK READY TO PULL ENDS-WITH STEP BACK
NF	910	MAF	1523	BTLBR01	84	BOLT,REMOVE WITH MAUL BLOW STARTS-WITH STEP TO POSITION FOR SWING INCLUDES-ALL THE TIME NECESSARY TO TAKE ONE STEP TO GET INTO POSITION TO SWING MAUL,RAISE MAUL AND STRIKE BOLT ONE TIME ENDS-WITH MAUL IN HAND,HEAD AT STRIKE POINT
NF	910	MAF	1522	BTLBS01	83	BOLT,SEAT WITH HAMMER BLOWS STARTS-WITH HAMMER IN HAND INCLUDES-ALL THE TIME NECESSARY TO ALIGN HAMMER TO BOLT AND STRIKE BOLT TWO BLOWS ENDS-WITH HAMMER IN HAND
NF	910	MAF	3406	BTLNS01	191	NUT,SEAT WITH WRENCH AND REMOVE WRENCH STARTS-WITH WRENCH ON NUT INCLUDES-ALL THE TIME NECESSARY TO TURN WRENCH TWO TIMES TO SEAT WITH 30 INCH MOVES AND THREE 10 INCH MOVES FOR FINAL TIGHTEN, REMOVE WRENCH FROM NUT AND LIFT WRENCH TO CARRY ENDS-WITH LIFT WRENCH CONDITIONS-WRENCH HAS ENW OF 7 POUNDS
NF	910	MAF	3362	BTLPP01	153	PULLER(FOUR BALL),PLACE ON SPIKE STARTS-WITH TURN TO FACE RAIL;PULLER IN HAND INCLUDES-ALL THE TIME NECESSARY TO TURN,BEND, MOVE PULLER TO SPIKE,POSITION ON SPIKE, POSITION TOP OF PULLER, STAND UP ENDS-WITH STAND UP AFTER PULLER IS POSITIONED
NF	910	MAF	3363	BTLPR01	28	PULLER(FOUR BALL),REMOVE FROM CLAW BAR STARTS-WITH CLAW BAR IN HAND INCLUDES-ALL THE TIME NECESSARY TO MOVE THE CLAW BAR TO DISENGAGE FROM PULLER ENDS-WITH PULLER CLEAR OF BAR

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	910	MAF	1297	BTLR801	53	BALLAST,REMOVE WITH PICK STARTS=WITH PICK IN HAND INCLUDES=ALL THE TIME NECESSARY TO LIFT PICK, LOWER PICK AND DRAG PICK BACK,STEP BACK ONE STEP ENDS=WITH DRAG PICK BACK
NF	910	MAF	3253	BTLRJ01	46	RAIL,JACK STARTS=WITH HAND ON JACK HANDLE INCLUDES=ALL THE TIME NECESSARY TO MOVE THE JACK HANDLE UP AND DOWN ONE TIME TO RAISE A RAIL ENDS=WITH COMPLETION OF ONE STROKE OF JACK HANDLE
NF	910	MAF	1534	BTLSD01	67	SPIKE,DRIVE WITH MAUL STARTS=WITH MAUL IN HAND INCLUDES=ALL THE TIME NECESSARY TO STRIKE A RAIL SPIKE ONE TIME AND RETURN MAUL TO READY FOR NEXT STRIKE ENDS=WITH MAUL READY FOR NEXT STRIKE
NF	910	MAF	1536	BTLSPXX	VARIABLE	SPIKE,PULL WITH CLAW BAR OR PULLER STARTS=WITH PULLING IMPLEMENT IN HAND INCLUDES=ALL THE TIME NECESSARY TO PLACE THE PULLER ON SPIKE,LOOSEN SPIKE,BEND TO REMOVE SPIKE AND ARISE ENDS=WITH STAND UP AFTER PULLING SPIKE
					408	CASE 01 PULL WITH CLAW BAR AND REMOVE
					435	02 PULL WITH FOUR BALL PULLER AND CLAW BAR=REMOVE
NF	910	MAF	1537	BTLSS01	123	SPIKE,SET WITH MAUL STARTS=WITH MAUL IN HAND INCLUDES=ALL THE TIME NECESSARY TO RAISE A MAUL AND STRIKE A RAILROAD SPIKE WITH A MAUL TWO TIMES WHILE HOLDING SPIKE IN LEFT HAND IN A STOOPED POSITION AND STAND ENDS=WITH STAND UP
NF	910	MAF	3052	BTLTA01	162	TOOL,ASIDE TO ROADBED STARTS=WITH TOOL IN HAND INCLUDES=ALL THE TIME NECESSARY TO TURN TO SIDE OF ROADBED,STEP OVER RAIL;BEND TO LOWER TOOL,RELEASE TOOL,STAND UP,TURN TO FACE RAIL ENDS=WITH TURN TO FACE RAIL
NF	910	MAF	1542	BTLTG01	117	TIE(NEW),GET WITH TONGS STARTS=WITH APPLY FORCE TO SET TIE TO MOVE INCLUDES=ALL THE TIME NECESSARY TO LIFT TIE PRIOR TO MOVE ENDS=WITH TIE READY TO MOVE CONDITIONS=WALKING TIME NOT INCLUDED=DETERMINE TIME TO MOVE TIE FROM U 88MW001
NF	910	MAF	1547	BTLTL01	424	TIE,LOOSEN WITH BAR STARTS=WITH BAR IN HAND INCLUDES=ALL THE TIME NECESSARY TO TURN TO TIE,JAB BAR INTO TIE,SEAT BAR IN TIE,MOVE BAR DOWN TO START TIE TO MOVE,BEND DOWN AND PUSH BAR,LIFT BAR,UNSEAT BAR AND STRAIGHTEN UP ENDS=WITH ARISE FROM BEND
NF	910	MAF	3051	BTLTM01	151	TIE(OLD),MOVE ASIDE WITH TONGS STARTS=WITH APPLY FORCE TO SET IN MOTION INCLUDES=ALL THE TIME NECESSARY TO PULL AND LIFT TIE AND PLACE ON GROUND ENDS=WITH TIE ON GROUND CONDITIONS=WALKING TIME NOT INCLUDED=DETERMINE TIME FROM U 88MW001

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	910	MAF	2970	BTLTO01	179	TOOL,OBTAIN FROM ROADBED STARTS-WITH TURN TO FACE TOOL INCLUDES-ALL THE TIME NECESSARY TO TURN TO FACE TOOL,STEP TO TOOL,STOOP AND PICK UP TOOL ENDS-WITH TOOL IN HAND FACING RAIL
NF	910	MAF	3368	BTLTP01	91	TONGS,PLACE ON TIE(RAILROAD) STARTS-WITH BEND TO TIE(RAILROAD) INCLUDES-ALL THE TIME NECESSARY TO BEND AND GUIDE JAWS OF TONGS TO TIE,GRASP TONG HANDLE AND CLOSE JAWS ON TIE,SEAT TONGS ENDS-WITH TONG JAWS SEATED IN TIE
NF	910	MAF	3370	BTLTR01	76	TONGS,RELEASE FROM TIE(RAILROAD) STARTS-WITH TONG HANDLE IN HAND INCLUDES-ALL THE TIME NECESSARY TO MOVE HANDLE DOWN,RELEASE,GRASP JAWS AND HOLD OPEN,LIFT TO CLEAR TIE ENDS-WITH ARISE WITH TONG
NF	910	MAF	3755	BTLWM01	44	WRENCH,MOVE TO NUT STARTS-WITH WRENCH IN HAND INCLUDES-ALL THE TIME NECESSARY TO MOVE A WRENCH TO A POINT NEAR NUT ENDS-WITH WRENCH IN HAND
NF	910	MAF	3046	MTLBR01	89	BALLAST,REMOVE FROM END OF TIE WITH SHOVEL STARTS-WITH SHOVEL IN HAND INCLUDES-ALL THE TIME NECESSARY TO BEND WITH SHOVEL,FORCE SHOVEL INTO BALLAST TO FILL,ARISE WITH SHOVEL,TOSS SHOVEL LOAD OF BALLAST ASIDE ENDS-WITH BALLAST TOSSED ASIDE CONDITIONS-PER SHOVEL FULL-WALKING TIME NOT INCLUDED-DETERMINE TIME FROM U BBMW001
NF	910	MAF	3047	MTLBR02	83	BALLAST,REMOVE EXCESS FROM TIE SPACE STARTS-WITH SHOVEL IN HAND INCLUDES-ALL THE TIME NECESSARY TO BEND WITH SHOVEL,FORCE INTO BALLAST,FILL SHOVEL,ARISE WITH SHOVEL LOAD,TOSS LOAD ASIDE ENDS-WITH BALLAST TOSSED ASIDE CONDITIONS-PER SHOVEL FULL-WALKING TIME NOT INCLUDED,DETERMINE TIME FROM U BBMW001
NF	910	MAF	2966	MTLHP01	93	HANDLE(JACK),PICK UP STARTS-WITH STOOP INCLUDES-ALL THE TIME NECESSARY TO STOOP,PICK UP JACK HANDLE AND ARISE ENDS-WITH STAND UP
NF	910	MAF	3359	MTLHP02	75	HANDLE,PLACE IN JACK STARTS-WITH BEND TO JACK INCLUDES-ALL THE TIME NECESSARY TO BEND,PICK UP HANDLE AND INSERT IN HANDLE SOCKET ENDS-WITH HAND ON HANDLE
NF	910	MAF	3889	MTLJG01	101	JACK,GET FROM UNDER RAIL STARTS-WITH STOOP TO JACK INCLUDES-ALL THE TIME NECESSARY TO GRASP, PULL JACK FROM UNDER RAIL,ARISE WITH JACK ENDS-WITH JACK IN HAND

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	910	MAF	3358	MTLJPXX	VARIABLE	JACK,PLACE UNDER RAIL AND TIGHTEN STARTS-WITH JACK IN HAND INCLUDES-ALL THE TIME NECESSARY TO TURN TO RAIL,DROP JACK HANDLE,STOOP AND PLACE JACK UNDER RAIL,GRASP HOISTING HANDLE SOCKET,PUMP UP AND DOWN ONE TIME TO TIGHTEN JACK AGAINST RAIL,RELEASE HANDLE ENDS-WITH RELEASE OF JACK HANDLE
					145	CASE 01 RAISE JACK ONE STROKE
					16	02 EACH ADDITIONAL STROKE
NF	910	MAF	1524	MTLJR01	155	JACK,RELEASE FROM RAIL STARTS-WITH A BEND TO JACK INCLUDES-ALL THE TIME NECESSARY TO REACH,GRASP AND LIFT LEVERS TO RELEASE AND HOLD,PUSH DOWN ON LEVER TO ALLOW TRACK TO RETREAT,STRAIGHTEN, PUT FOOT ON TOP OF JACK,PUSH DOWN TO RELEASE, PLACE FOOT BACK ON GROUND ENDS-WITH FOOT BACK ON GROUND
NF	910	MAF	2967	MTLLG01	96	LEVEL,GET FROM RAIL STARTS-WITH A STOOP TO LEVEL INCLUDES-ALL THE TIME NECESSARY TO STOOP,PICK UP LEVEL,STAND UP ENDS-WITH STAND UP
NF	910	MAF	3360	MTLLP01	120	LEVEL,PLACE ON RAIL STARTS-WITH LEVEL IN HAND INCLUDES-ALL THE TIME NECESSARY TO STOOP TO RAIL,PLACE LEVEL ON RAIL,RELEASE LEVEL,STAND ENDS-WITH STAND UP
NF	910	MAF	3409	MTLNT01	98	NUT,TURN WITH WRENCH STARTS-WITH WRENCH IN HAND INCLUDES-ALL THE TIME NECESSARY TO MOVE THE WRENCH ONTO THE NUT,TURN NUT 1/4 TURN,REMOVE WRENCH AND POSITION WRENCH NEAR NUT ENDS-WITH WRENCH NEAR NUT READY TO PUT BACK ON NUT
NF	910	MAF	1538	MTLPS01	192	PLUG(RAIL SPIKE HOLE),SET AND DRIVE STARTS-WITH ADZE AND PLUG IN SEPARATE HANDS INCLUDES-ALL THE TIME NECESSARY TO SET PLUG WITH TWO BLOWS,RELEASE PLUG,STAND AND STRIKE PLUG THREE TIMES WITH ADZE ENDS-WITH ADZE IN HAND
NF	910	MAF	1526	MTLRA01	221	RAIL,ADJUST TO GAUGE WITH BAR STARTS-WITH BAR IN HAND INCLUDES-ALL THE TIME NECESSARY TO CHANGE BAR FROM LEFT TO RIGHT HAND,BEND TO PLACE BAR UNDER RAIL,MOVE BAR TO LIFT RAIL STRAIGHTEN UP AND MOVE RAIL WITH BAR,REMOVE BAR FROM UNDER RAIL ENDS-WITH BAR IN HAND
NF	910	MAF	4135	MTLTRXX	VARIABLE	TIE(RAILROAD),RAISE WITH PINCH BAR STARTS-WITH PLACE BAR UNDER TIE INCLUDES-ALL THE TIME NECESSARY TO MOVE THE BAR UNDER THE TIE,SEAT POINT,RAISE TIE AND BEND TO HOLD TIE ENDS-WITH BEND TO HOLD TIE
					148	CASE 01 INITIAL RAISE AND REMOVE BAR
					205	02 STAND UP AND RESET BAR,REMOVE BAR
NF	910	MAF	3405	BTPNR01	39	NUT SETTER,REMOVE FROM NUT STARTS-WITH REACH TO HANDLE INCLUDES-ALL THE TIME NECESSARY TO REACH TO AND GRASP HANDLE WITH BOTH HANDS,DISENGAGE FROM NUT,ASIDE TO CLEAR RAIL ENDS-WITH HANDS HOLDING SETTER

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	910	MAF	3403	MTPNP01	68	NUT SETTER,PLACE HEAD ON NUT STARTS-WITH REACH TO HANDLE(BOTH HANDS) INCLUDES-ALL THE TIME NECESSARY TO GRASP THE SETTER,LIFT TO CLEAR RAIL,MOVE SOCKET AND PLACE ON NUT ENDS-WITH RIGHT HAND ON HANDLE
NF	910	MAF	3407	MTPNT01	39	NUT,TURN DOWN,SEAT WITH NUT SETTER STARTS-WITH HANDS ON HANDLE OF NUT SETTER INCLUDES-ALL THE TIME NECESSARY TO RELEASE HANDLE WITH LEFT HAND,ENGAGE CLUTCH,CHANGE GEARS TO SEAT NUT TIGHTLY,DISENGAGE CLUTCH AND RELEASE SETTER ENDS-WITH RELEASE LEVERS CONDITIONS-MACHINE TIME NOT INCLUDED
DL	920	MAL	EMDS	MDPCA01	1241	COMPOUND(STRIPPABLE),APPLY(SINGLE DIP) STARTS-WITH A REACH TO GET ITEM INCLUDES-ALL THE TIME NECESSARY TO TIE THE NON-WICKING CORD TO THE ITEM,DIP ITEM IN MOLTEN COMPOUND,ATTACH AND DETACH TO AND FROM A DRYING RACK,TRIM TRAILING,SEAL CORD OPENING AND WALK TO AND FROM THE DIP TANK ENDS-WHEN THE ITEM IS REMOVED FROM THE DRYING RACK CONDITIONS-DOES NOT INCLUDE TANK TIME WALK FOUR PACES TO AND FROM TANK
DL	920	MAL	EMDD	MDPCA02	1232	COMPOUND(STRIPPABLE),APPLY(DOUBLE DIP) STARTS-WITH A REACH TO GET ITEM TO BE DIPPED INCLUDES-ALL THE TIME NECESSARY TO WALK TO AND FROM THE DIP TANK,HAND DIP ITEM INTO COMPOUND, ATTACH AND DETACH ITEM TO AND FROM DRYING HOOK AND TRIM TRAILINGS ENDS-WHEN SCISSORS ARE LAYED ASIDE AFTER CUTTING TRAILING CORD CONDITIONS-DOES NOT INCLUDE TANK TIME WALK FOUR PACES TO AND FROM TANK
AF	920	MAL	CNDW-XX	MDPCDXX	VARIABLE	CONTAINER,DIP STARTS-WITH CONTAINER IN BOTH HANDS INCLUDES-ALL THE TIME NECESSARY TO DIP A CONTAINER IN MOLTEN COMPOUND,REMOVE,INSPECT FOR COVERAGE ENDS-WITH CONTAINER IN BOTH HANDS
					146	CASE 01 FIRST DIP
					107	02 SECOND DIP
DL	920	MAL	BMDD	MDPID01	475	ITEM,DIP IN MOLTEN COMPOUND(SINGLE DIP) STARTS-WITH A REACH TO ITEM TO BE DIPPED INCLUDES-ALL THE TIME NECESSARY TO GET THE ITEM,THE CORD,TIE THE NON-WICKING CORD TO THE ITEM AND DIP THE ITEM INTO THE MOLTEN COMPOUND ENDS-WHEN DIPPED ITEM IS SET ASIDE TO HARDEN CONDITIONS-DOES NOT INCLUDE TANK TIME
DL	920	MAL	BCLM	MFLIL01	636	INFORMATION(P AND P METHODS),LOCATE FROM CARD FILE AND MANUAL STARTS-WITH A REACH TO FILE TRAY OR TO GET TECH MANUAL INCLUDES-ALL THE TIME NECESSARY TO LOCATE THE CARD FILED BY FSN AND TO LOCATE APPROPRIATE PAGE IN MANUAL;THE CARD REMOVED FROM FILE AND INFORMATION FOUND IN MANUAL AND IS AVAILABLE TO BE ANNOTATED ON PROCESSING TAG, AND RETURN CARD TO FILE,ASIDE MANUAL ENDS-WHEN CARD IS RETURNED TO FILE OR MANUAL IS PLACED ASIDE

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	EMCC	MGMCP01	1648	PALLET,CHECK CONFIGURATION STARTS-WITH OBTAIN TEMPLATE IN STORAGE AREA INCLUDES-ALL THE TIME NECESSARY TO CHECK THE CONFIGURATION OF THE LOADED 463L PALLET; OBTAINING THE TEMPLATE,GAUGING THE LOAD, ADJUSTING THE LOAD AS REQUIRED ENDS-WITH ASIDE TEMPLATE IN STORAGE AREA CONDITIONS-TIME IS FOR A TWO MAN OPERATION-DOES NOT INCLUDE WALKING TO AND FROM TEMPLATE STORAGE AREA AND TO AND FROM BUILD UP AREA-USE ELEMENTS U 88MWO01 AND U 88MHC01 TO DETERMINE WALKING TIME
DL	920	MAL	ETWL	MGMCW01	499	CONTAINER(LIGHT PACK),WEIGH STARTS-WITH THE MOVEMENT OF THE PACK TO THE SCALES ADJACENT TO OR ON PACKING BENCH INCLUDES-ALL THE TIME NECESSARY TO MOVE A LIGHT PACK TO SCALES INCIDENT TO PACKING FOR SHIPMENT,RECORD THE WEIGHT ON THE DOCUMENT, TRANSCRIBE WEIGHT ON CONTAINER AND RETURN CONTAINER TO WORK AREA ENDS-WHEN CONTAINER IS RETURNED TO WORK AREA CONDITIONS-PACK WEIGHS LESS THAN 55 POUNDS
DL	920	MAL	ETWM	MGMCW02	1180	CONTAINER(BULK),WEIGH AND MEASURE STARTS-WITH THE BULK MATERIAL ON THE SCALES INCLUDES-ALL THE TIME NECESSARY TO MEASURE THE LENGTH,WIDTH AND HEIGHT WITH A TAPE MEASURE, ANNOTATE DIMENSION ON CONTAINER,NOTE WEIGHT ON SCALES,ANNOTATE WEIGHT AND PLACE ALL TOOLS ASIDE ENDS-WHEN WEIGHT IS NOTED AND TOOLS ARE ALL PLACED ASIDE
DL	920	MAL	BMMI	MGMMM01	94	MATERIAL,MEASURE TO DETERMINE SIZE OF CARTON FOR PACKING STARTS-WITH TAPE MEASURE IN RIGHT HAND, REACHING TO OTHER END OF TAPE WITH LEFT HAND INCLUDES-ALL THE TIME NECESSARY TO MEASURE AN ITEM(S) WITH A TAPE TO DETERMINE THE SIZE OF CONTAINER REQUIRED FOR PACKING ENDS-WITH RELEASE OF TAPE CONDITIONS-MEASURE TWO DIMENSIONS ONLY
DL	920	MAL	ETCP	MGMPC01	1061	PACK,MEASURE AND CUBE STARTS-WITH A REACH TO GET MEASURING TAPE INCLUDES-ALL THE TIME NECESSARY TO MEASURE THE DIMENSIONS OF PACK,TRANSCRIBE DIMENSIONS, COMPUTE THE CUBE AND TRANSCRIBE THE CUBE ENDS-WHEN PENCIL IS PLACED ASIDE
DL	920	MAL	BMAX	MIDDAXX	VARIABLE	DECAL OR ENVELOPE(PRESSURE SENSITIVE),APPLY TO SURFACE STARTS-WITH LABEL OR ENVELOPE IN LEFT HAND, RIGHT HAND REACHING TO REMOVE BACKING INCLUDES-ALL THE TIME NECESSARY TO REMOVE BACKING,POSITION LABEL OR ENVELOPE AND PRESS TO AFFIX ENDS-WITH RELEASE AFTER LABEL/ENVELOPE AFFIXED
					201	CASE 01 APPLY LABEL LIMITED TO 9-1/2 X 8 INCH OR EQUIVALENT(AVERAGE 4-3/4 X 7 INCH)
					237	02 APPLY ENVELOPE LIMITED TO 9-1/2 X 8 INCH(AVERAGE 4-3/4 X 7 INCH)

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NS	920	MAL	PP5A1	MIDLAXX	VARIABLE	LABEL,ATTACH TO CONTAINER STARTS-WITH REACH TO LABEL INCLUDES-ALL THE TIME NECESSARY TO APPLY A LABEL TO A CONTAINER USING GLUE AND A BRUSH, A SPONGE OR A MOISTENER.INCLUDES TIME TO DIP BRUSH IN THE GLUE WHEN REQUIRED ENDS-WITH LABEL AFFIXED TO CONTAINER NOTE ADD 168 TMUS TO WATERPROFF LABEL
					230	CASE 01 APPLY LABEL WITH GLUE
					52	02 ADD TO CASE 01 TIME WHEN GLUE IS REQUIRED TO BE BRUSHED ON FACE OF LABEL
					153	03 APPLY LABEL WITH SPONGE
					139	04 APPLY LABEL WITH MOISTENER
DL	920	MAL	EPLP	MIDLA05	300	LABEL(PRE-PRINTED ON 1348-1),APPLY STARTS-WITH DOCUMENT IN HAND AT THE COMPLETION OF THE VERIFICATION INCLUDES-ALL THE TIME NECESSARY TO DETACH PRE-PRINTED LABEL FROM 1348-1 AND ATTACH THE LABEL TO THE PACK WITH GLUE AND BRUSH ENDS-WHEN THE GLUE AND BRUSH ARE PLACED ASIDE
DL	920	MAL	ECOM	MIDPI01	501	PRESERVATION AND PACKAGING,IDENTIFY METHOD OF STARTS-WITH A REACH TO GET THE DOCUMENTS WITH THE MATERIAL TO BE PRESERVED OR PACKAGED INCLUDES-ALL THE TIME NECESSARY TO GET AND SCAN THE DOCUMENT,VERIFY STOCK NUMBER,ITEM DESCRIPTION,UNIT OF ISSUE AND COUNT PIECES ENDS-AFTER METHOD HAS BEEN DETERMINED AND THE DOCUMENT PLACED ASIDE
DL	920	MAL	ECIM	MIDPI02	853	PRESERVATION AND PACKAGING(METHOD),IDENTIFY STARTS-WITH OBTAIN CARD OR MANUAL INCLUDES-ALL THE TIME NECESSARY TO PULL METHOD CARD FILE AND VERIFY,REFERENCE MANUAL FOR APPLICABLE METHOD IF NO CARD ON FILE ENDS-WITH METHOD IDENTIFIED AND PROCESSOR READY TO ANNOTATE PROCESS TAG CONDITIONS-BASED ON 1/3 OF METHOD BEING IDENTIFIED WITHOUT REFERENCE TO CARD OR MANUAL.
DL	920	MAL	ETMP	MIDPSXX	VARIABLE	PACK,STENCIL STARTS-WITH MOVEMENT OF CUT STENCIL TO THE CONTAINER,BRUSH IN RIGHT HAND INCLUDES-ALL THE TIME NECESSARY TO STENCIL A CARTON,WOOD BOX OR SIMILAR PACK REQUIRING ONLY ONE SIDE OR SURFACE TO BE STENCILED ENDS-WITH CONTAINER STENCILED,STENCIL IN LEFT HAND,BRUSH IN RIGHT HAND
					163	CASE 01 APPLY STENCIL ONE LINE
					195	02 APPLY STENCIL TWO LINES
					227	03 APPLY STENCIL THREE LINES
					259	04 APPLY STENCIL FOUR LINES
					291	05 APPLY STENCIL FIVE LINES
					323	06 APPLY STENCIL SIX LINES
NS	920	MAL	PP5B1	MIDTAXX	VARIABLE	TAG(SHIPPING),ATTACH STARTS-WITH REACH TO TAG INCLUDES-ALL THE TIME NECESSARY TO GET AND TIE A SHIPPING TAG TO MATERIAL WITH TWO KNOTS ENDS-WITH RELEASE TAG AFTER TYING CONDITIONS-DOES NOT INCLUDE WALKING BETWEEN ITEM AND TAG LOCATION
					216	CASE 01 EASY ANCHORAGE
					254	02 DIFFICULT ANCHORAGE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	EMGL	TIDLAXX	TABLE	LABEL(S),ATTACH TO CONTAINER STARTS-WITH A REACH TO BRUSH OR OTHER APPLICATION IMPLEMENT INCLUDES-ALL THE TIME NECESSARY TO ATTACH LABELS TO A CONTAINER;OBTAINING LABELS,GLUE CONTAINER AND BRUSH(WHEN APPLICABLE),SPONGE OR MOISTENER(WHEN APPLICABLE) ENDS-WITH LABEL ATTACHED AND GLUE OR MOISTENING IMPLEMENT PLACED ASIDE CONDITIONS-DOES NOT INCLUDE WALKING TO OBTAIN GLUE,BRUSH,SPONGE OR MOISTENING IMPLEMENT

METHOD OF ATTACHING LABEL	NUMBER OF LABELS APPLIED 1	2	3	4	5
	A	B	C	D	E
A GLUE	540	917	1311	1671	2048
B SPONGE	304	486	668	850	1032
C MOISTENER	290	458	626	794	962

DL	920	MAL	ETAC	SIDCS01	3969	CONEX,STENCIL STARTS-WITH A REACH TO A STAMP PAD INCLUDES-ALL THE TIME NECESSARY TO USE THE STENCIL,MARKING PEN,BRUSH TO STENCIL FOUR PLATES ON A CONEX ENDS-WHEN STENCILING IS COMPLETE AND STENCIL IS PLACED ASIDE CONDITIONS-DOES NOT INCLUDE TIME TO GET CART, MOVE TO WORK AREA AND RETURN CART
DL	920	MAL	BCRS	SIDLSXX	VARIABLE	LABELS,STAMP WITH STENCIL ON ROLL STAMP STARTS-WITH REACH TO LABELS INCLUDES-ALL THE TIME NECESSARY TO STAMP LABELS WITH A HAND ROLLED STAMP AND A PRE-PRINTED STENCIL,THE TIME TO TEAR THE LABELS FROM A ROLL,PLACE ON A FLAT SURFACE AND STAMP ENDS-WHEN STAMP IS PLACED ASIDE 89 CASE 01 FIRST OR ONE LABEL ONLY 42 02 EACH ADDITIONAL LABEL
DL	920	MAL	SSA-5	SIDSCX1	CON/VAR	STENCIL,CUT AND APPLY TO AMMUNITION PACK STARTS-WITH REACH FOR STENCIL CARD INCLUDES-ALL THE MOTIONS NECESSARY TO OBTAIN CARD AND CUT SINGLE OR MULTIPLE STENCILS WITH QUANTITY,WEIGHT,CUBE,ADDRESS,STOCK NUMBER,PORT DESCRIPTION,PRIORITY,RDD,POD,KEY DOCUMENT NUMBER,ICC,LOT NUMBER(TWO TIMES),NOMENCLATURE, DOD NUMBER,APPLY STENCIL TO PACK,ASIDE STENCIL AND BRUSH ENDS-WITH ASIDE STENCIL AND BRUSH 596 CASE 1-1 CONSTANT TIME-GET STENCIL AND BRUSH, STENCIL 9 LINES ON PACK,ASIDE STENCIL AND BRUSH(FIRST OR ONLY PACK)(920 MID PSXX,U TPLOGEC) 419 2-1 VARIABLE TIME-STENCIL EACH ADDITIONAL PACK(920 MIDPSXX)-PER PACK A-1 VARIABLE TIME-CUT STENCIL-(920 STLSC-12-16,890 TMUS PER OCCURRENCE
DL	920	MAL	EMWE	SIDTW01	438	TAG OR ENVELOPE,WIRE TO MATERIAL STARTS-WITH OBTAIN WIRE INCLUDES-ALL THE TIME NECESSARY TO GET A PIECE OF WIRE FROM A SPOOL,CUT WIRE,GET THE TAG OR ENVELOPE AND ATTACH IT TO A BANDED OR BUNDLED ITEM ENDS-WITH RELEASE OF THE WIRE AFTER THE FINAL TWIST OF THE WIRE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	ETPC	MJPCC01	3792	CONEX,CLEAN IN PREPARATION FOR LOADING STARTS-WITH THE OPERATOR OPENING THE CONEX DOORS INCLUDES-ALL THE TIME TO OPEN THE CONEX,OBTAIN A BROOM AND DUST PAN,SWEEP THE CONEX,EMPTY THE SWEEPINGS INTO A TRASH CAN AND ASIDE THE BROOM AND DUST PAN ENDS-WHEN THE CONEX IS CLEAN AND THE OPERATOR IS READY FOR THE NEXT OPERATION
NO	920	MAL	BF1A1	MJPLP01	466	LINER(PAPER),PLACE IN CONTAINER STARTS-WITH MOVE TO GET LINER INCLUDES-ALL THE TIME NECESSARY TO OBTAIN LINER,FOLD LINER,PLACE IN CONTAINER,STACK CONTAINER ENDS-WITH LINED CONTAINER STACKED ASIDE CONDITIONS-WALK FOUR PACES TO STACK CONTAINER MEDIUM CONTAINER
NO	920	MAL	BL3A1	MJPLP02	163	LINER(CARDBOARD),PLACE IN BOX STARTS-WITH REACH TO LINER INCLUDES-ALL THE TIME NECESSARY TO GET LINER AND DIVIDERS,PLACE LINER AND POSITION DIVIDERS IN BOX ENDS-WITH RELEASE OF THIRD DIVIDER IN BOX CONDITIONS-THREE DIVIDERS REQUIRED-MEDIUM CONTAINER
FSH	920	MAL	HMPPF01	MNFCS01	145	CARD/DOCUMENT,STAPLE TO CONTAINER STARTS-WITH CARD/DOCUMENT IN HAND,REACH FOR STAPLER INCLUDES-ALL THE TIME NECESSARY TO GET STAPLER AND STAPLE THE CARD OR DOCUMENT TO A CONTAINER,ASIDE STAPLER ENDS-WITH CARD OR DOCUMENT ATTACHED TO THE CONTAINER CONDITIONS-ATTACHED WITH TWO STAPLES
DL	920	MAL	EMAD	MNFDTXX	VARIABLE	DOCUMENT,TAPE TO CONTAINER STARTS-WITH A REACH FOR A ROLL OF TAPE INCLUDES-ALL THE TIME NECESSARY TO OBTAIN A ROLL OF TAPE,TEAR TAPE FROM ROLL,MOVE TAPE AND DOCUMENT TO CONTAINER AND TAPE DOCUMENT TO ENDS-WITH TAPE IN PLACE 267 CASE 01 ONE OR FIRST PIECE OF TAPE 212 02 EACH ADDITIONAL PIECE OF TAPE
DL	920	MAL	EMCH	MOHC001	193	CONTAINER,OBTAIN EMPTY AND ASIDE FULL STARTS-WITH A REACH TO THE EMPTY CONTAINER INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AN EMPTY CONTAINER(UP TO 5 POUNDS),PLACING IN POSITION TO WORK AND PICKING UP THE PACKED CONTAINER(UP TO 35 POUNDS),AND SETTING DOWN ON A PALLET OR CONVEYOR LINE ENDS-WITH RELEASE OF CONTAINER ON PALLET OR CONVEYOR LINE
AF	920	MAL	CR1E001	MOHEG01	162	END(CRATE),GET AND INSTALL STARTS-WITH TURN TO STOCK INCLUDES-ALL THE TIME NECESSARY TO TURN AND GET CRATE END,INSTALL END IN CRATE AND RELEASE AFTER INSTALLING ENDS-WITH RELEASE OF END INSTALLED CONDITIONS-WIREBOUND CRATE FOR 50 CALIBER AMMUNITION
DL	920	TBL	EMNR	MOHNS01	1852	NETS(CARGO),STRAIGHTEN AND HANG ON RACK STARTS-WITH GETTING THE NET INCLUDES-ALL THE TIME NECESSARY TO GET A NET, STRAIGHTEN IT OUT AND PLACE IT ON A RACK ENDS-WHEN THE NET IS ON THE RACK

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AF	920	MAL	BABE001	MOHS801	102	STRAPPING,BREAK OFF EXCESS STARTS-WITH REACH TO STRAP INCLUDES-ALL THE TIME NECESSARY TO BEND EXCESS STRAPPING BACK AND FORTH UNTIL IT SEPARATES FROM INSTALLED STRAP ENDS-WITH ASIDE OF EXCESS STRAPPING
FFE	920	MAL	HMPSF01	MOHSFXX	VARIABLE	STRAP(METAL),FOLD STARTS-WITH BEND TO GET STRAP INCLUDES-ALL THE TIME NECESSARY TO PICK UP A METAL STRAP AND FOLD ENDS-WITH ASIDE STRAP CONDITIONS-LIMITED TO 1/2,5/8,3/4 INCH STRAP
					134	CASE 01-MAKE FIRST FOLD
					39	02 EACH ADDITIONAL
AF	920	MAL	BAFD001	MOHSF03	350	STRAPPING,FOLD TO FACILITATE DISPOSAL STARTS-WITH STRAP IN HAND AS IT IS REMOVED FROM PALLET INCLUDES-ALL THE TIME NECESSARY FOR ONE WORKER TO FOLD 1 1/4 INCH STRAP BY BENDING THEN CREASING WITH FOOT,AFTER STRAP HAS BEEN REMOVED FROM PALLET ENDS-WHEN WORKER ARISES FROM BEND
DL	920	MAL	BMGB	MOHSGXX	VARIABLE	STRAPPING,GET STARTS-WITH A REACH TO THE LOOSE END OF THE STRAP ON A REEL INCLUDES-ALL THE TIME NECESSARY TO UNREEL THE APPROXIMATE DESIRED LENGTH OF STRAPPING ENDS-WHEN THE GRASP ON THE STRAP IS RELEASED
					31	CASE 02 UNREEL 2 FEET
					61	04 UNREEL 4 FEET
					91	06 UNREEL 6 FEET
					118	08 UNREEL 8 FEET
					144	10 UNREEL 10 FEET
					170	12 UNREEL 12 FEET
					196	14 UNREEL 14 FEET
					222	16 UNREEL 16 FEET
					249	18 UNREEL 18 FEET
					276	20 UNREEL 20 FEET
NO	920	MAL	HXHBXXX	TOHBOXX	TABLE	BOX,OBTAIN STARTS-WITH A REACH TO THE BOX INCLUDES-ALL THE TIME NECESSARY TO PICK-UP A BOX,GAIN CONTROL AND PREPARE TO MOVE BOX ENDS-WITH BOX IN HAND CONDITIONS-TWO MAN OPERATION FOR WEIGHTS OVER 60 POUNDS-FROM STOW IS AVERAGE OF FROM FLOOR, WAIST AND SHOULDER LEVEL-FROM PALLET IS AVERAGE OF FROM FLOOR AND WAIST LEVEL-FROM HAND TRUCK IS AVERAGE OF FROM FLOOR AND WAIST LEVELS

WEIGHT RANGE (LBS)		GET BOX FROM STOW A	PALLET B	HAND TRK C	ONLY FROM FLOOR LEVEL D	WAIST LEVEL E
0-20	A	75	77	77	104	50
20-40	B	99	99	99	117	81
40-60	C	121	122	115	136	93
60-80	D	142	143	136	157	114
80-120	E	129	133	126	147	104
120-UP	F	163	177	158	177	139

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	920	MAL	HXHBXXX	TOHBPXX	TABLE	BOX,PLACE ASIDE STARTS-WITH BOX IN HAND INCLUDES-ALL THE TIME NECESSARY TO PLACE A BOX IN A DESIRED POSITION OR LOCATION ENDS-WITH BOX IN DESIRED POSITION/LOCATION CONDITIONS-NO WALKING WITH OR TO GET BOX IS INCLUDED-TWO MAN OPERATION FOR ALL WEIGHTS GREATER THAN 60 POUNDS-TO STOW IS AVERAGE OF TO FLOOR,WAIST AND SHOULDER LEVELS-TO PALLET IS AVERAGE OF TO FLOOR AND WAIST LEVELS-TO HAND TRUCK IS AVERAGE OF TO FLOOR AND WAIST LEVELS

WEIGHT RANGE (LBS)		ASIDE TO STOW A	PALLET B	HAND TRK C	FLOOR LEVEL D	WAIST LEVEL E
0-20	A	74	81	80	103	58
20-40	B	85	91	91	113	68
40-60	C	98	109	103	121	85
60-80	D	116	122	119	131	106
80-120	E	120	123	119	132	106
120-UP	F	161	173	158	173	142

DL	920	MAL	BMTC	TOHCTXX	TABLE	CONTAINER,TURN (SLIDE) STARTS-WITH REACH TO CONTAINER INCLUDES-ALL THE TIME NECESSARY TO TURN A CONTAINER BY SLIDING ON A TABLE,CONVEYOR,ETC. ENDS-WITH RELEASE OF BOX AFTER TURNING CONDITIONS-SMALL CONTAINER ZERO ENW,MEDIUM CONTAINER 12 POUNDS ENW,LARGE CONTAINER 20 POUNDS ENW

	ELEMENT	TURN 90 DEGREES A	TURN 180 DEGREES B
A	SMALL CONTAINER (8X8X8 INCHES)	24	29
B	MEDIUM CONTAINER (12X12X12 INCHES)	48	96
C	LARGE CONTAINER (24X24X24 INCHES)	66	132

DL	920	MAL	BMDC	MPHDPXX	VARIABLE	DOCUMENTS(BUNDLE),PLACE OR REMOVE FROM CONTAINER STARTS-WITH BEND TO CONTAINER INCLUDES-ALL THE TIME NECESSARY TO PLACE A BUNDLE OF DOCUMENTS INTO OR REMOVE A BUNDLE OF DOCUMENTS FROM A CONTAINER ENDS-WITH HAND WITHDRAWN FROM CONTAINER 77 CASE 01 DOCUMENTS INTO CONTAINER 114 02 DOCUMENTS FROM CONTAINER
FFD	920	MAA	MIDDP01	MPHDP03	86	DOCUMENT,PLACE INTO PLASTIC PROTECTOR,TO 9X11 INCHES STARTS-WITH DOCUMENT IN HAND,REACH TO PROTECTOR INCLUDES-ALL MOTIONS NECESSARY TO OPEN PROTECTOR AND INSERT DOCUMENT ENDS-WITH PROTECTOR IN HAND CONDITION-APPLICABLE TO DOCUMENTS OR CARD STOCK TO 8X10.5 INCHES

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	BMAB	MPKAW01	863	BOX(WIREBOUND),ASSEMBLE STARTS=WITH A STOOP TO BOX INCLUDES=ALL THE TIME NECESSARY TO OBTAIN THE KNOCKED DOWN BOX,MAKE REQUIRED BENDS,SECURE WIRES AT EACH END AND ASIDE ASSEMBLED BOX ENDS=WHEN ASSEMBLED BOX IS PLACED ASIDE
DL	920	MAL	EMBM	MPKBA01	1280	BARRIER(MATERIAL),APPLY TO BASE STARTS=WITH A REACH TO GET THE BARRIER MATERIAL INCLUDES=ALL THE TIME NECESSARY TO OBTAIN,FIT BY SLITTING FOR BOLTS,SECURE TO BASE BOTTOM GASKETS WITH ADHESIVE ENDS=WHEN GASKETS HAVE BEEN SECURED TO INSIDE OF BARRIER
FFH	920	MAL	HMPC801	MPKBC01	111	BAG(POLY),CLOSE WITH PAPER CLIP(DOCUMENT OR CARD INSIDE) STARTS=WITH BAG IN HAND INCLUDES=ALL THE TIME NECESSARY TO FOLD OVER FLAP OR TOP OF BAG,GET AND ATTACH PAPER CLIP ENDS=WITH PAPER CLIP INSTALLED CONDITIONS=GEM PAPER CLIP SIZE 1
NAA	920	MAL	JPPARXX	MPKBEXX	VARIABLE	BAG(BARRIER),EVACUATE AIR WITH VACUUM STARTS=WITH BAG IN HAND INCLUDES=ALL THE TIME NECESSARY TO GET VACUUM HOSE,ATTACH TO BAG,TURN VACUUM SWITCH ON AND OFF,ASIDE HOSE AND CLOSE SMALL HOLE IN BAG ENDS=WITH HOLE IN BAG CLOSED 470 CASE 01 SMALL BAG=UP TO FOUR SQUARE FEET 670 02 MEDIUM BAG=FOUR TO SIXTEEN SQUARE FEET 1070 03 LARGE BAG=OVER 16 SQUARE FEET
DL	920	TBL	EMBC	MPKBF01	3134	BAG(PLASTIC),FIT OVER 463L PALLET OF CARGO STARTS=WITH PICKING UP BAG INCLUDES=ALL THE TIME NECESSARY TO OBTAIN AND OPEN A PLASTIC BAG AND PLACE THE BAG OVER THE PALLET OF CARGO ENDS=WITH THE BAG FITTED OVER THE CARGO CONDITIONS=THIS IS A TWO MAN OPERATION
NS	920	MAL	PP181	MPKBGXX	VARIABLE	BOX(WOOD),GET AND ASIDE STARTS=WITH STOOP TO BOX INCLUDES=ALL THE TIME NECESSARY TO BEND AND GET A WOOD BOX AND LID,MOVE TO WORKTABLE AND ASIDE TO TABLE WITH ARISE FROM BEND ENDS=WITH BOX AND LID ON WORK TABLE 195 CASE 01 SMALL BOX=ONE PIECE LID 261 02 MEDIUM BOX=TWO PIECE LID 301 03 LARGE BOX=THREE PIECE LID
AF	920	MAL	BXP001	MPKBG04	54	BOX,GET INTO POSITION TO PACK STARTS=WITH REACH TO BOX INCLUDES=ALL THE TIME NECESSARY TO REACH TO BOX,GRASP IT AND MOVE TO WORK POSITION ENDS=WITH RELEASE OF BOX CONDITIONS=BOX LOCATED WITHIN 30 INCHES BOX WEIGHT FOUR POUNDS
DL	920	MAL	EHOB	MPKBI01	575	BRACES,INSERT IN CONTAINER STARTS=WITH A BODY TURN PRIOR TO WALKING INCLUDES=ALL THE TIME NECESSARY TO OBTAIN AND INSERT WOOD BRACES IN A METAL CONTAINER ENDS=WHEN THE BRACES ARE RELEASED AFTER INSERTING IN CONTAINER CONDITIONS=DISTANCE WALKED TO GET BRACES IS FOUR PACES ONE WAY=TWO EXTRA LARGE WOOD BRACES ARE USED,WEIGHT IS 10 POUNDS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	8CJ8	MPK8JXX	VARIABLE	BAG(JIFFY OR PAPER),OPEN(STAPELED) STARTS-WITH A REACH TO THE STAPLE REMOVER INCLUDES-ALL THE TIME NECESSARY TO OPEN A STAPLED JIFFY BAG USING AN ACE TWEEZER TYPE STAPLE REMOVER ENDS-WITH BAG OPEN HELD IN LEFT HAND,STAPLE REMOVER ASIDE
					202	CASE 01 REMOVE FIRST STAPLE
					117	02 REMOVE EACH ADDITIONAL STAPLE
AF	920	MAL	8XMM001	MPK8MXX	VARIABLE	BOX,MOVE TO BANDING MACHINE STARTS-WITH A TURN AND REACH TO BOX INCLUDES-ALL THE TIME NECESSARY TO TURN 90 DEGREES,PICK UP BOX AND TURN TO MACHINE, MOVING BOX TO MACHINE,POSITIONING AGAINST GUARD AND RELEASE ENDS-WITH RELEASE OF POSITIONED BOX CONDITION-NO TURNS ARE REQUIRED FOR CASE 02 AND CASE 04,MOVE TO POSITION FOR SECOND BAND
					84	CASE 01 MOVE BOX AND POSITION FOR FIRST BAND BOX WEIGHT FIVE POUNDS
					43	02 MOVE BOX AND POSITION FOR SECOND BAND BOX WEIGHT FIVE POUNDS
					89	03 MOVE BOX AND POSITION FOR FIRST BAND BOX WEIGHT 15 POUNDS
					49	04 MOVE BOX AND POSITION FOR SECOND BAND BOX WEIGHT 15 POUNDS
DL	920	MAL	8ECJ/CP	MPK8OXX	VARIABLE	BAG,OPEN AND CLOSE STARTS-WITH REACH TO BAG INCLUDES-ALL THE TIME NECESSARY TO OPEN A BAG PRIOR TO INSERTING MATERIAL AND TO CLOSE A BAG AFTER THE MATERIAL HAS BEEN INSERTED ENDS-WHEN THE BAG TOP HAS BEEN FOLDED DOWN AND PRESSED TO CREASE
					168	CASE 01 JIFFY BAG
					204	02 PAPER BAG
DL	920	MAL	EMC8	MPK8003	603	BAG(PLASTIC-CARGO PROTECTOR),OBTAIN STARTS-WITH REACH TO EDGE OF BAG ROLL INCLUDES-ALL THE TIME NECESSARY TO TEAR OFF ONE BAG,FOLD BAG BY FOURTHS,AND PLACE FOLDED BAG ON PALLET ENDS-WHEN BAG IS ON PALLET READY FOR TRANSPORT TO BUILD UP AREA
DL	920	MAL	EM8P	MPK8P01	1707	BASE(MOUNTING),PREPARE STARTS-WITH A REACH TO GET DRILL INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND ASIDE DRILL,OBTAIN AND START BOLTS IN HOLES, OBTAIN AND SECURE GASKETS TO PRE-MOUNTED BOLTS ENDS-WHEN BOLTS HAVE BEEN SECURED AND SEALED CONDITIONS-FOUR BOLTS USED-DOES NOT INCLUDE TIME TO DRILL THE HOLES
NAA	920	MAL	JPP8BXX	MPK8SXX	VARIABLE	BAG(BARRIER),SEAL STARTS-WITH REACH TO EDGE OF BAG INCLUDES-ALL THE TIME NECESSARY TO FOLD DOWN TOP OF BAG,GET HAND SEALER,POSITION,CRIMP AND SEAL EDGES,TURN SEALER ON AND OFF-INCLUDES PROCESS TIME ENDS-WITH ASIDE HAND SEALER CONDITIONS-USE A SIX INCH PORTABLE HAND SEALER
					1120	01 SMALL BAG-TO FOUR SQUARE FEET
					1860	02 MEDIUM BAG-OVER FOUR TO 16 SQUARE FEET
					2900	CASE 03 LARGE BAG-OVER 16 SQUARE FEET

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	ECMC	MPKCAXX	VARIABLE	CUSHIONING,APPLY STARTS-WITH A REACH TO OBTAIN CUSHIONING MATERIAL INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND PLACE CUSHIONING MATERIAL IN THE BOTTOM OF A CONTAINER(CASES 1-3)ON TOP OF PACKED ITEM(S)(CASES 4-6)OR BOTH TOP & BOTTOM(CASES 7-9) ENDS-WHEN THE CONTAINER IS READY TO CLOSE
					300	CASE 01 SMALL CONTAINER,UP TO 8X8X8 INCHES, CUSHION BOTTOM ONLY
					385	02 MEDIUM CONTAINER,OVER 8X8X8 INCHES UP TO 12X12X12 INCHES,CUSHION BOTTOM ONLY
					570	03 LARGE CONTAINER,OVER 12X12X12 INCHES UP TO 24X24X24 INCHES,CUSHION BOTTOM ONLY
					326	04 SMALL CONTAINER,UP TO 8X8X8 INCHES, CUSHION TOP ONLY
					413	05 MEDIUM CONTAINER,OVER 8X8X8 INCHES UP TO 12X12X12 INCHES,CUSHION TOP ONLY
					635	06 LARGE CONTAINER,OVER 12X12X12 INCHES UP TO 24X24X24 INCHES,CUSHION TOP ONLY
					384	07 SMALL CONTAINER,UP TO 8X8X8 INCHES, CUSHION TOP & BOTTOM
					484	08 MEDIUM CONTAINER,OVER 8X8X8 INCHES UP TO 12X12X12 INCHES,CUSHION TOP AND BOTTOM
					811	09 LARGE CONTAINER,OVER 12X12X12 INCHES UP TO 24X24X24 INCHES,CUSHION TOP AND BOTTOM
DL	920	MAL	BMBC	MPKCB01	410	CONTAINER,BLUNT CORNERS STARTS-WITH REACH TO GET MALLET INCLUDES-ALL THE TIME NECESSARY TO BLUNT THE FOUR(4)CORNERS OF A FIBERBOARD CARTON ENDS-WHEN LAST CORNER IS BLUNTED WITH A REACH TO NEXT OPERATION
AF	920	MAL	CRFC001	MPKCC01	267	CRATE(WIREBOUND),CLOSE FRONT AND BACK STARTS-WITH REACH TO CRATE INCLUDES-ALL THE TIME NECESSARY TO FORM AND CLOSE A WIREBOUND CRATE AFTER PACKING ENDS-WITH RELEASE AFTER CRATE IS CLOSED CONDITIONS-CRATE LAYING FLAT ON WORK TABLE AT START-DOES NOT INCLUDE TIME TO FASTEN WIRE LOOPS-APPLICABLE TO PACKING 50 CALIBER AMMUNITION
DL	920	MAL	ETSC	MPKCC02	1514	CONEX,CLOSE AND SEAL STARTS-WITH A WALK TO DOOR INCLUDES-ALL THE TIME NECESSARY TO WALK TO CONEX DOOR,CLOSE DOOR,OBTAIN SEAL(OR PRECUT WIRE),SECURE HANDLE BY APPLYING SEAL OR WIRE ENDS-WHEN DOOR IS SECURED CONDITIONS-WALK TO DOOR IS FOUR(4)PACES
DL	920	TCL	EMDC	MPKCD01	16387	CARGO(PALLETIZED-463L),DE-NET STARTS-WITH A REACH TO LOOSEN NET INCLUDES-ALL THE TIME NECESSARY TO REMOVE THE CARGO NET FROM A 463L AIR PALLET AND PLACE THE NET ASIDE ENDS-WHEN THE CARGO NET IS PLACED ASIDE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	BMOC	MPKCGXX	VARIABLE	CUSHIONING,GET STARTS-WITH A REACH TO OPEN BIN TO GET THE CUSHIONING OR A REACH TO OPEN A CLOSED BIN INCLUDES-ALL THE TIME NECESSARY TO OBTAIN THE CUSHIONING MATERIAL FROM A BIN ENDS-WITH THE CUSHIONING MATERIAL HELD OVER THE CARTON CONDITIONS-CASES ONE-SIX FOR PRESSED PAPER AND CASES SEVEN-10 FOR SHREDDED PAPER CUSHIONING
					242	CASE 01 SMALL CARTON,OPEN BIN(STORAGE),PRESSED PAPER CUSHIONING
					323	02 SMALL CARTON,CLOSED BIN STORAGE, PRESSED PAPER CUSHIONING
					314	03 MEDIUM CARTON,OPEN BIN STORAGE,PRESSED PAPER CUSHIONING
					395	04 MEDIUM CARTON,CLOSED BIN STORAGE, PRESSED PAPER CUSHIONING
					394	05 LARGE CARTON,OPEN BIN STORAGE,PRESSED PAPER CUSHIONING
					475	06 LARGE CARTON,CLOSED BIN STORAGE, PRESSED PAPER CUSHIONING
					133	07 SMALL TO LARGE CARTON,OPEN BIN STORAGE SHREDDED PAPER CUSHIONING(WAXED)
					88	08 SMALL TO LARGE CARTON,OPEN BIN STORAGE SHREDDED PAPER CUSHIONING(NON-WAXED)
					214	09 SMALL TO LARGE CARTON,CLOSED BIN STORAGE,SHREDDED PAPER CUSHIONING (WAXED)
					169	10 SMALL TO LARGE CARTON,CLOSED BIN STORAGE,SHREDDED PAPER CUSHIONING(NON-WAXED)
AF	920	MAL	BAIC001	MPKCI01	232	CLIP,INSTALL TO 1 1/4 INCH BANDING STARTS-WITH SIMULTANEOUS REACH TO BANDING AND CLIPS INCLUDES-ALL THE TIME NECESSARY TO GET CLIP, PUT ON 1 1/4 INCH BANDING,GET HAMMER AND BEND BANDING BACK OVER THE CLIP AND POUND ACCUTE KINK INTO BAND FOLD ENDS-WITH RELEASE OF ASIDED HAMMER
AF	920	MAL	BAIC002	MPKCI02	57	CLIP,INSTALL TO 5/8 OR 3/4 INCH BANDING STARTS-WITH REACH TO CLIP INCLUDES-ALL THE TIME REQUIRED TO GET CLIP AND AFFIX LOOSELY TO BANDING PRIOR TO CRIMPING WITH CRIMPER ENDS-WITH RELEASE OF POSITIONED CLIP
AF	920	MAL	BXLC001	MPKCL01	121	CONTAINERS,LOAD INTO BOX STARTS-WITH REACH TO CONTAINER WITH BOTH HANDS INCLUDES-ALL THE TIME NECESSARY TO MOVE TWO CONTAINERS AND PLACE THEM IN A BOX,ONE AT A TIME ENDS-WITH RELEASE(BOTH HANDS)OF SECOND CONTAINER IN BOX CONDITIONS-LIMITED TO DEMIL 75 MILIMETER SHELLS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NS	920	MAL	PP1A4	MPKCOXX	VARIABLE	CARTON(SEALED),OPEN STARTS-WITH OBTAIN KNIFE INCLUDES-ALL THE TIME NECESSARY TO CUT TAPE ON SEAMS OF CARTON FLAPS,OPEN FLAPS ENDS-WITH ASIDE KNIFE CONDITIONS-EASY TO OPEN,ONE TAPE ON CARTON, FLAPS NOT GLUED,DIFFICULT TO OPEN,EXCESSIVE TAPE,AND/OR FLAPS GLUED
					348	CASE 01 SMALL CARTON-8X8X8 INCHES-EASY TO OPEN
					396	02 SMALL CARTON-8X8X8 INCHES-DIFFICULT TO OPEN
					385	03 MEDIUM CARTON-12X12X12 INCHES-EASY TO OPEN
					451	04 MEDIUM CARTON-12X12X12 INCHES-DIFFICULT TO OPEN
					438	05 LARGE CARTON-24X24X24 INCHES-EASY TO OPEN
					675	06 LARGE CARTON-24X24X24 INCHES-DIFFICULT TO OPEN
AF	920	MAL	CROL001	MPKC007	137	CRATE(WIREBOUND),OPEN WITH HAMMER STARTS-WITH REACH TO GET HAMMER INCLUDES-ALL THE TIME NECESSARY TO GET HAMMER, OPEN ONE LOOP,ASIDE HAMMER ENDS-WITH RELEASE HAMMER ASIDE CONDITIONS-LIMITED TO UNPACK 50 CALIBER AMMUNITION BOXES
DL	920	MAL	BMCS	MPKCP01	2043	CAP AND SLEEVE,POSITION ON PALLET STARTS-WITH A TURN TOWARD STACK OF SLEEVES INCLUDES-ALL THE TIME NECESSARY FOR TWO MEN TO GET AND SQUARE A SLEEVE,POSITION,AND SLIDE SLEEVE OVER PALLET LOAD,AND TO GET AND POSITION CAP OVER THE SLEEVE ENDS-WITH RELEASE OF POSITIONED CAP
AF	920	MAL	LHCH001	MPKCS01	301	CRATE(WIREBOUND),SECURE WITH WIRE LATCH STARTS-WITH REACH TO GET HAMMER INCLUDES-ALL THE TIME NECESSARY TO HAMMER A WIRE LOOP SHUT,ASIDE HAMMER TO POUCH,PUSH CRATE DOWN CONVEYOR TWO FEET ENDS-WITH RELEASE OF CRATE AFTER PUSH
DL	920	MAL	EMOC	MPKCT01	836	CARTON-OVERWRAP AND TAPE STARTS-WITH REACH TO ROLL OF WRAP MATERIAL INCLUDES-ALL THE TIME NECESSARY TO UNROLL,CUT AND MOVE WRAPPING MATERIAL TO WORKTABLE,GET AND POSITION MATERIAL TO BE WRAPPED ON PAPER, FOLD PAPER AROUND MATERIAL,GET TAPE,TEAR OFF AND APPLY TO OVERWRAP,ASIDE TAPE ENDS-WHEN OVERWRAP IS TAPED CONDITIONS-TWO PIECES OF TAPE USED TO HOLD OVERWRAP-TAPE FROM PUSH PUTTON TAPE DISPENSER-TIME IS AVERAGE FOR SMALL,MEDIUM AND LARGE CONTAINER
DL	920	MAL	EHTF	MPKCT02	292	CAN(FIBER),CLOSE AND TAPE STARTS-WITH A REACH TO THE CAN INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND PLACE THE LID ON THE CAN AND TAPE THE LID TO THE BODY OF THE CAN ENDS-WHEN THE CAN IS READY FOR MARKING CONDITIONS-TAPE STRIP IS OBTAINED FROM A PUSH BUTTON TAPE DISPENSER
DL	920	MAL	BMDA	MPKDA01	416	DESICCANT OR HUMIDITY INDICATOR,ATTACH TO ITEM STARTS-WITH A TURN TO OPEN DESICCANT DISPENSER INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND TAPE DESICCANT OR A HUMIDITY INDICATOR TO AN ITEM ENDS-WHEN DESICCANT OR INDICATOR HAS BEEN TAPED TO ITEM

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	BMGD	MPKDG01	250	DESICCANT/INDICATOR,GET FROM DISPENSER STARTS-WITH A TURN TO THE DISPENSER INCLUDES-ALL THE TIME NECESSARY TO OPEN THE DISPENSER,REMOVE DESICCANT,CLOSE DISPENSER AND PLACE DESICCANT ON WORK TABLE ENDS-WHEN DESICANT IS PLACED ON WORKTABLE
DL	920	MAL	BMCD	MPKD001	1448	DOOR(CONEX),OPEN AND CLOSE STARTS-WITH REACH TO DOOR HANDLE INCLUDES-ALL THE TIME NECESSARY TO OPEN AND CLOSE A CONEX DOOR ENDS-WHEN DOOR IS CLOSE AND HANDLE RELEASED
DL	920	MAL	EMCD	MPKDP01	298	DESICCANT OR HUMIDITY INDICATOR,PUT IN BAG OR CONTAINER STARTS-WITH A TURN TO OPEN DESICCANT DISPENSER INCLUDES-ALL THE TIME NECESSARY TO GET THE DESICCANT OR HUMIDITY INDICATOR AND PUT INTO BAG OR CONTAINER ENDS-WITH DESICCANT OR INDICATOR IN BAG OR CONTAINER
DL	920	MAL	EMNE	MPKEN01	811	ENVELOPE,NAIL TO CONTAINER STARTS-WITH A REACH FOR A HAMMER INCLUDES-ALL THE TIME NECESSARY TO PICK UP A HAMMER,WALK TO CONTAINER,OBTAIN NAILS,ENVELOPE,MOVE BOTH TO CONTAINER AND NAIL THE ENVELOPE TO THE CONTAINER THEN RETURN THE HAMMER TO THE PICK UP POINT ENDS-WHEN HAMMER IS PLACED ASIDE CONDITIONS-DISTANCE WALKED WITH HAMMER IS THREE PACES ONE WAY-UNOBSTRUCTED-FOUR NAILS USED
DL	920	MAL	ETSF	MPKFA01	2897	FRAMES(SECTIONS),ASSEMBLE(BOX PALLET) STARTS-WITH OBTAIN FRAME SECTION INCLUDES-ALL THE TIME NECESSARY TO GET ALL THE FRAME SECTIONS, NAIL SECTIONS TOGETHER,SET FRAME UP-RIGHT, POSITION AND NAIL TOP PIECES TO FRAME,ASIDE HAMMER AND EXCESS NAILS ENDS-WHEN TOP PIECE HAS BEEN AFFIXED AND HAMMER AND EXCESS NAILS HAVE BEEN LAYED ASIDE CONDITIONS-USE 8 NAILS TO ASSEMBLE BACK AND SIDE FRAME-USE 8 NAILS TO AFFIX TOP PIECE TO FRAME
DL	920	MAL	EMSF	MPKFS01	537	FRAME(BOX),STAPLE CORNER WITH A SPOTNAILER STARTS-WITH A REACH FOR THE SPOTNAILER INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND LOAD THE STAPLER,STAPLE CORNER,ASIDE AND RELEASE STAPLER ENDS-WITH A HAND RETURN AFTER RELEASING THE STAPLER CONDITIONS-TIME IS FOR APPLYING STAPLES TO FOUR CORNERS-ONE STAPLE TO EACH CORNER
DL	920	MAL	BMSG	MPKGS01	153	GASKET,SECURE AND SEAL TO PRE-MOUNTED BOLT STARTS-WITH REACH TO GASKET INCLUDES-ALL THE TIME NECESSARY TO OBTAIN, POSITION AND SECURE A GASKET TO A PRE-MOUNTED BOLT PLUS THE TIME TO SEAL THE GASKET WITH A WATERPROOF COMPOUND ENDS-WITH A REACH AWAY FROM THE BRUSH,READY TO BEGIN THE NEXT OPERATION

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	BMWI	MPKIBXX	VARIABLE	ITEM,WRAP IN BARRIER OR WADDING STARTS-WITH A REACH TO GET THE ITEM TO WRAP INCLUDES-ALL THE TIME NECESSARY TO WRAP ITEMS OF VARIABLE SIZE FOR PACKING BY MOVING THE ITEM TO PRECUT WRAPPING MATERIAL AND FOLDING THE MATERIAL AROUND THE ITEM ENDS-WHEN THE ITEM IS WRAPPED AND READY FOR ADDITIONAL PACKAGING AND HAS BEEN RELEASED AND THE HANDS MOVED AWAY
					253	CASE 01 SMALL ITEM-8X8X8 INCHES
					371	02 MEDIUM ITEM-12X12X12 INCHES
					421	03 LARGE ITEM-24X24X24 INCHES
DL	920	MAL	BMAI	MPKIIXX	VARIABLE	ITEM,INSERT INTO BAG,PAPER OR JIFFY STARTS-WITH BAG IN LEFT HAND,REACH FOR ITEM WITH RIGHT HAND INCLUDES-ALL THE TIME NECESSARY TO GET AND INSERT AN ITEM INTO A PAPER OR JIFFY BAG ENDS-WITH BAG IN LEFT HAND,RIGHT HAND MOVED FREE OF BAG OPENING
					59	CASE 01 PLACE ITEM IN PAPER BAG OR JIFFY BAG, UP TO 2.5 LBS.
					62	02 PLACE ITEM IN PAPER OR JIFFY BAG, FROM 2.6 TO 7.5 LBS.
					72	03 ALIGN ADDITIONAL ITEM AND PLACE IN BAG FROM 2.6 TO 5 LBS.
DL	920	MAL	EHIF	MPKIPXX	VARIABLE	ITEM(SUPPORTED),PLACE IN BAG STARTS-WITH REACH TO FIBERBOARD BASE INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND PLACE A FIBERBOARD BASE ON WORK TABLE,GET AND POSITION ITEM ON BASE,GET BARRIER WRAP,WRAP ITEM,GET BAG,OPEN AND INSERT ITEM,CLOSE AND FOLD TOP END OF BAG,RELEASE BAG ENDS-WHEN PACKED BAG IS RELEASED CONDITIONS-ITEM WEIGHTS UP TO 10 POUNDS
					643	CASE 01 ITEM,8X8X8 INCHES
					761	02 ITEM,12X12X12 INCHES
					811	03 ITEM,24X24X24 INCHES
DL	920	MAL	EMFC	MPKIP04	155	ITEM,PREPARE TO PACKAGE IN OIL PRESERVATIVE STARTS-WITH GETTING ITEM TO BE PACKAGED INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AN ITEM,THE OIL PRESERVATIVE,AND PLACE THE ITEM IN A RIGID CONTAINER ENDS-WHEN PRESERVATIVE IS PLACED ASIDE CONDITIONS-DOES NOT INCLUDE FILLING WITH OIL
DL	920	MAL	BMPF	MPKIS01	87	ITEM,SUPPORT WITH FIBERBOARD STARTS-WITH A REACH TO A PIECE OF PRECUT FIBERBOARD INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND PLACE THE FIBERBOARD ON WORKTABLE AND POSITION ITEM TO BE PACKED ON THE FIBERBOARD ENDS-WITH A REACH TO POSITION FOR NEXT OPERATION
DL	920	MAL	EHWP	MPKIWXX	VARIABLE	ITEM,WRAP AND PLACE IN HEAT SEAL BAG STARTS-WITH A REACH TO OBTAIN THE ITEM TO BE PACKED INCLUDES-ALL THE TIME NECESSARY TO OBTAIN THE ITEM,THE BARRIER WRAP,THE CUSHIONING MATERIAL, WRAP THE ITEM IN THE BARRIER MATERIAL,WRAP WITH CUSHIONING,OBTAIN HEAT SEAL BAG,OPEN BAG, INSERT THE WRAPPED ITEM IN THE BAG,CLOSE AND FOLD THE TOP END,RELEASE ENDS-WHEN PACKED BAG IS RELEASED CONDITIONS-ITEM WEIGHS UP TO 10 POUNDS
					809	CASE 01 ITEM 8X8X8 INCHES
					1045	02 ITEM 12X12X12 INCHES
					1145	03 ITEM 24X24X24 INCHES

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	BMFW	MPKIW04	313	ITEM,WRAP WITH LOCK-FOLD WRAP STARTS-WITH A REACH TO THE WRAP INCLUDES-ALL THE TIME NECESSARY TO OVERWRAP A PACKAGE FOR PROTECTION FROM DAMAGE,POSITIONING THE MATERIAL IN THE WRAP,FOLDING THE WRAP AROUND THE MATERIAL AND CLOSING WITH A LOCK-FOLD ENDS-WITH PACKAGE READY FOR SEALING
DL	920	MAL	EHRC	MPKIW05	470	ITEM,WRAP AND PLACE IN RIGID CONTAINER STARTS-WITH A REACH TO GET BARRIER MATERIAL INCLUDES-ALL THE TIME NECESSARY TO GET THE ITEM TO BE WRAPPED,THE WRAPPING MATERIAL AND WRAP THE ITEM AND PLACE IT IN A RIGID CONTAINER ENDS-WHEN ITEM IS IN THE CONTAINER AND THE CONTAINER IS READY FOR CLOSING CONDITIONS-ITEMS AVERAGE 10 POUNDS
DL	920	MAL	ETPL	MPKLAXX	VARIABLE	LIST(PACKING),ATTACH TO CONTAINER STARTS-WITH A REACH TO OBTAIN DOCUMENTS INCLUDES-ALL THE TIME NECESSARY TO OBTAIN DOCUMENTS AND ENVELOPE,FOLD DOCUMENT,INSERT IN ENVELOPE AND TAPE(CASE 1)OR NAIL(CASE 2) TO THE CONTAINER ENDS-WHEN PACKING LIST IS TAPED OR NAILED TO THE CONTAINER 1295 CASE 01 TAPE LIST TO CONTAINER WITH FOUR PIECES OF TAPE 1203 02 NAIL LIST TO CONTAINER WITH FOUR NAILS
DL	920	MAL	EMLA	MPKLM01	245	LID,SEAL TO METAL CONTAINER(MACHINE SEAL)-MANUALLY OPERATED STARTS-WITH A REACH TO GET LID INCLUDES-ALL THE TIME NECESSARY TO OBTAIN A LID AND A GASKET,SEAT GASKET IN LID AND ATTACH TO CONTAINER ENDS-WHEN CONTAINER IS SEALED AND PLACED ASIDE
DL	920	MAL	EHWB	MPKLNXX	VARIABLE	LID(WOOD BOX),NAIL CLOSE STARTS-WITH A REACH FOR THE WOOD BOX AND LID INCLUDES-ALL THE TIME NECESSARY TO OBTAIN A BOX WITH LID,OBTAIN HAMMER AND NAILS,POSITION LID AND NAIL THE LID TO THE BOX ENDS-WHEN THE BOX IS READY FOR LABELING CONDITIONS-TIME TO WALK TO OBTAIN BOX,HAMMER AND NAILS IS NOT INCLUDED 1483 CASE 01 SMALL BOX,8X8X8 INCHES 2758 02 MEDIUM BOX,12X12X12 INCHES 3656 03 LARGE BOX,24X24X24 INCHES
AF	920	MAL	CROL003	MPKL001	52	LID(WIREBOUND CRATE),OPEN STARTS-WITH REACH WITH BOTH HANDS TO EDGE OF CRATE INCLUDES-ALL THE TIME NECESSARY TO REACH AND GRASP LID,BREAK LOOSE,LIFT LID BACK AND RELEASE ENDS-WITH RELEASE OF OPEN LID
DL	920	MAL	BMLC	MPKLP01	125	LID,PLACE ON FIBERCAN STARTS-WITH A REACH TO GET CAN INCLUDES-ALL THE TIME NECESSARY TO OBTAIN A CAN AND LID AND PLACE THE LID ON THE CAN ENDS-WHEN LID HAS BEEN SET FIRMLY ON THE CAN, THE LID RELEASED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	BMLR	MPKLP02	283	LID AND LOCKING RING,PLACE ON METAL CONTAINER STARTS-WITH REACH TO GASKET INLCUDES-ALL THE TIME NECESSARY TO OBTAIN GASKET,SEAT GASKET ON THE LID,PLACE LID ON CONTAINER AND POSITION LOCKING RING ON CONTAINER ENDS-WITH RELEASE OF LOCKING RING
DL	920	MAL	I-42	MPKLP03	233	LID,PLACE ON TRIPLE-WALL CONTAINER STARTS-WITH TURN TO LID INCLUDES-ALL THE MOTIONS NECESSARY TO GET LID, PLACE ON TRI-WALL CONTAINER,POSITION AND SEAT ENDS-WITH LID SEATED ON CONTAINER
DL	920	MAL	BEOB	MPKLRXX	VARIABLE	LID(WOOD BOX),REMOVE STARTS-WITH REACH TO NAIL PULLER INCLUDES-ALL THE TIME NECESSARY TO OBTAIN NAIL PULLER,PULL NAILS,ASIDE NAILS AND PULLER, REMOVING AND PLACING PACKING ASIDE IF NECESSARY ENDS-LID AND PACKING ASIDE READY TO START NEXT OPERATION CASE 01 SMALL BOX WITH PACKING 02 MEDIUM BOX WITH PACKING 03 LARGE BOX WITH PACKING 04 SMALL BOX WITH NO PACKING 05 MEDIUM BOX WITH NO PACKING 06 LARGE BOX WITH NO PACKING
					1443	
					2566	
					4108	
					1414	
					2491	
					3863	
DL	920	MAL	BMGS	MPKLS01	125	LID,SEAT GASKET,ATTACH TO METAL CONTIANER-MACHINE SEAL STARTS-WITH A REACH TO THE GASKET INCLUDES-ALL THE TIME NECESSARY TO SEAT A GASKET IN A LID AND ATTACH THE LID TO A CONTAINER ENDS-WHEN THE LID IS ATTACHED,CONTAINER IS RELEASED CONDITIONS-USE MANUALLY OPERATED MACHINE
DL	920	MAL	EMCN	MPKN001	1917	NETS(463L PALLET TIEDOWN),OBTAIN AND PLACE STARTS-WITH OBTAIN NET(S) INCLUDES-ALL THE TIME NECESSARY TO OBTAIN A SET OF CARGO TIEDOWN NETS,AND PLACE NETS ON THE PALLET ENDS-WHEN THE NETS HAVE BEEN PLACED ON THE PALLET CONDITIONS-WALKING TO GET NETS NOT INCLUDED
DL	920	TAL	EMNC	MPKNPXX	VARIABLE	NETS(CARGO),POSITION AND SECURE ON 463L PALLET STARTS-WITH GETTING THE NETS INCLUDES-ALL THE TIME NECESSARY TO GET NETS, SPREAD AND PLACE THE NETS ONTO THE PALLET, ATTACH HOOKS AND ADJUST STRAPS ENDS-WHEN THE NETS ARE SECURED TO THE LOADED PALLET CASE 01 MAC TIME(88X108 INCH PALLET) 02 AFLC TIME(54X88 INCH PALLET)
					20461	
					14420	
DL	920	TBL	BMNC	MPKNR01	16383	NETS(CARGO),REMOVE FROM PALLET(463L) STARTS-WITH A MOVE TO THE NETTED PALLET INCLUDES-ALL THE TIME NECESSARY TO UNFASTEN AND REMOVE THE CARGO NETS FROM A LOADED 463L PALLET ENDS-WHEN THE NETS HAVE BEEN REMOVED AND PLACED ASIDE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	EE08	MPKOBXX	VARIABLE	BOX(WOOD),OPEN,CLOSE AND NAIL STARTS-WITH A REACH TO OBTAIN A NAIL PULLER INCLUDES-ALL THE TIME NECESSARY TO OPEN THE BOX WITH A NAIL PULLER,ASIDE THE NAILS,REMOVE AND REPLACE PACKING WHEN IN BOX,OBTAIN HAMMER AND NAILS,POSITION AND NAIL LID TO BOX ENDS-WHEN NAILING OPERATION IS COMPLETE AND HAMMER IS PLACED ASIDE
					2956	CASE 01 SMALL BOX WITH PACKING-8X8X8 INCHES
					2897	02 SMALL BOX WITHOUT PACKING-8X8X8 INCHES
					5401	03 MEDIUM BOX WITH PACKING-12X12X12 INCHES
					5249	04 MEDIUM BOX WITHOUT PACKING-12X12X12 INCHES
					8010	05 LARGE BOX WITH PACKING-24X24X24 INCHES
					7520	06 LARGE BOX WITHOUT PACKING-24X24X24 INCHES
NF	920	MAF	963	MPKOC01	137	CONTAINER(CARDBOARD),OPEN,STAPLED OR GLUED FLAP STARTS-WITH REACH TO BOX INCLUDES-ALL THE TIME NECESSARY TO GRASP THE CORNER FLAP AND EDGE OF BOX,PULL TO TEAR FIRST FLAP LOOSE,REACH TO AND TEAR OTHER FLAP LOOSE AND RELEASE FLAP AND CONTAINER ENDS-WITH RELEASE OF CONTAINER AND FLAP
NF	920	MAF	3376	MPKOC02	184	CONTAINER(CARDBOARD),OPEN STARTS-WITH REACH TO BOX WITH BOTH HANDS INCLUDES-ALL THE TIME NECESSARY TO HOLD BOX WITH ONE HAND,FORCE FINGERS OF OTHER HAND UNDER EACH FLAP AND PULL FLAPS(FOUR)LOOSE, RELEASE FLAPS OF BOX ENDS-WITH RELEASE CARTONS
DL	920	MAL	BMTO	MPKOTXX	VARIABLE	OVERWRAP,TAPE STARTS-WITH A REACH TO OBTAIN TAPE INCLUDES-ALL THE TIME NECESSARY TO OBTAIN TAPE AND SECURE THE OVERWRAP OF A PACKAGE WITH THE TAPE ENDS-WHEN THE SECURED PACKAGE IS RELEASED CONDITIONS-ONE(1)STRIP OF TAPE IS USED. TAPE IS OBTAINED FROM A PUSH BUTTON TAPE DISPENSER
					237	CASE 01 SMALL PACKAGE,8X8X8 INCHES
					246	02 MEDIUM PACKAGE,12X12X12 INCHES
					263	03 LARGE PACKAGE,24X24X24 INCHES
FFH	920	MAL	KPKUWXX	MPKOUXX	VARIABLE	OBJECT(CYLINDRICAL),UNWRAP STARTS-WITH REACH TO GET OBJECT OR KNIFE INCLUDES-ALL THE TIME NECESSARY TO GET AN OBJECT WRAPPED IN A PROTECTIVE WRAPPING,CUT TAPE WHEN NECESSARY,PLACE WRAPPING ASIDE ENDS-WITH PLACE WRAP ASIDE
					107	CASE 01 OBJECT UP TO 6 INCHES IN DIAMETER AND 12 INCHES LONG-NOT TAPED
					217	02 OBJECT UP TO 6 INCHES IN DIAMETER AND 12 INCHES LONG-TAPE SECURED
					127	03 OBJECT 7 TO 12 INCHES IN DIAMETER AND 13 TO 36 INCHES LONG-NOT TAPED
					250	04 OBJECT 7 TO 12 INCHES IN DIAMETER AND 13 TO 36 INCHES LONG-TAPE SECURED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	BECC	MPKPC01	162	PACKAGE(FIBERBOARD OR BLISTER),CUT STARTS=WITH OBTAINING THE FIBERBOARD OR MULTI=COMPARTMENT PACKAGE INCLUDES=ALL THE TIME NECESSARY TO CUT FIBERBOARD INTO SEPARATE PIECES OR TO SEPARATE MULTI=COMPARTMENT BLISTER PACKAGES WITH THE USE OF A PAPER CUTTER. INCLUDES OBTAINING THE PACKAGE,POSITIONING ON CUTTING BOARD, CUTTING WITH A KNIFE AND SEPARATING PIECES ENDS=WITH KNIFE AND SEPARATED PIECES PLACED ASIDE CONDITIONS=MAKE ONE CUT
FFH	920	MAL	KPKSCWC	MPKPG01	625	PAPER(SHEET),GET AND POSITION STARTS=WITH TURN TO PAPER ROLL INCLUDES=ALL THE TIME NECESSARY TO UNROLL PAPER,GET KNIFE,CUT PAPER,PLACE PAPER ON PALLET,RETURN KNIFE TO POCKET ENDS=WITH KNIFE RETURNED TO POCKET CONDITIONS=CUT APPROXIMATELY 18 INCHES OF PAPER FROM ROLL=WALK 4 PACES TO GET PAPER AND RETURN 4 PACES WITH PAPER
AF	920	MAL	BXIP002	MPKPI01	88	PACKING,INSTALL IN BOX STARTS=WITH REACH TO PACKING INCLUDES=ALL THE TIME NECESSARY TO GET PACKING MATERIAL INTO BOX AND PUSH PACKING DOWN AROUND ITEMS IN BOX ENDS=WITH HAND MOVED FREE OF BOX
NO	920	MAL	BH3A3	MPKPI02	151	PACKING,INSTALL IN BOX STARTS=WITH REACH TO PACKING MATERIAL INCLUDES=ALL THE TIME NECESSARY TO GET PACKING MATERIAL,SPACERS,PLACE IN BOX,GET LID AND POSITION ON BOX ENDS=WITH RELEASE OF LID ON BOX
NS	920	MAL	PP4A17A	MPKPP01	473	PROTECTORS(CORNER),POSITION STARTS=WITH TURN TO REACH TO PROTECTORS INCLUDES=ALL THE TIME NECESSARY TO PICK UP FOUR CORNER PROTECTORS,MOVE PROTECTORS TO PACK WITH A TURN AND PLACE EACH PROTECTOR UNDER A STRAP ON THE PACK ENDS=WITH TURN BODY AWAY
FFH	920	MAL	KPK08XX	MPKPRXX	VARIABLE	PART,REMOVE FROM BOX STARTS=WITH REACH TO BOX INCLUDES=ALL THE TIME NECESSARY TO GET BOX, OPEN FLAPS,REMOVE PACKING MATERIAL AND ITEM, ASIDE ITEM AND BOX ENDS=WITH BOX ASIDE
					242	CASE 01 BOX,UNSEALED,TUCK IN TYPE,6 X 12 INCHES=DELICATE PART
					478	02 BOX SEALED WITH TAPE,FLAP TYPE LID, DELICATE PART
					158	03 BOX,UNSEALED,TUCK IN TYPE LID=NO PACKING MATERIAL
					173	04 BOX,UNSEALED,FLAP TYPE LID,NO PACKING MATERIAL
					345	05 BOX,SEALED,FLAP TYPE LID,NO PACKING MATERIAL=TAPE TO 6 INCHES TOP AND 5 INCHES HIGH
					231	06 BOX,SEALED,TUCK IN LID,8 X 6 X 12 INCH BOX

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	EMTP	MPKPTXX	VARIABLE	PACK(LEVEL A),TAPE SEAMS AND STENCIL STARTS-WITH A REACH TO OBTAIN TAPE INCLUDES-ALL THE TIME NECESSARY TO GET TAPE, TAPE SEAMS,TURN AND INVERT THE CARTON,CUT A STENCIL AND STENCIL THE PACK WITH TYPE OF PACK AND DATE ENDS-WHEN STENCIL IS APPLIED AND STENCILER ARISES FROM A BEND CONDITIONS-TAPE IS OBTAINED FROM A PUSH BUTTON TAPE DISPENSER-ONE STRIP OF TAPE IS APPLIED TO EACH SEAM-STENCIL IS CUT ONCE FOR EVERY 25 CARTONS STENCILED-STENCIL IS APPLIED ONE TIME TO EACH CARTON-ELECTRIC STENCIL CUTTER
					1465	CASE 01 SMALL CARTON-8X8X8 INCHES
					1660	02 MEDIUM CARTON-12X12X12 INCHES
					1851	03 LARGE CARTON-24X24X24 INCHES
FFH	920	MAL	KPKOPXX	MPKPUXX	VARIABLE	PART,UNPACK/UNWRAP STARTS-WITH REACH TO PART INCLUDES-ALL THE TIME NECESSARY TO REMOVE A PART WRAPPED IN LOOSE PAPER OR IN A BAG,ASIDE WRAPPING AND PART ENDS-WITH PART AND WRAPPING ASIDE
					115	CASE 01 PART WRAPPED IN LOOSE PAPER OR IN OPEN BAG
					125	02 PART IN PLASTIC BAG-UP TO 10 POUNDS ENW
					254	03 PART IN SEALED FOIL OR PLASTIC BAG-CUT OPEN WITH SCISSORS
					178	04 SMALL PART-WRAPPED-UP TO 2.5 POUNDS, LARGEST DIMENSION NOT OVER 12 INCHES
FFH	920	MAL	KPKOPXX	MPKPWXX	VARIABLE	PART,WRAP OR PLACE IN OPEN BAG STARTS-WITH REACH TO WRAPPING PAPER OR BAG INCLUDES-ALL THE TIME NECESSARY TO GET THE WRAPPING OR BAG,WRAP PART OR PUT PART IN BAG, FOLD BAG TOP OR WRAP,PLACE ASIDE ENDS-WITH WRAPPED PART ASIDE
					154	CASE 01 WRAP PART WITH LOOSE PAPER OR PLACE IN OPEN BAG
					185	02 PACK PART IN PLASTIC BAG-UP TO AND INCLUDING 10 POUNDS ENW
FFH	920	MAL	KPKSCW1	MPKPW03	2688	PART(POLISHED SURFACE),WRAP IN PAPER STARTS-WITH TURN TO PAPER ROLL INCLUDES-ALL THE TIME NECESSARY TO GET AND POSITION PAPER ON A PALLET,PLACE PART ON PAPER AND WRAP TO PROTECT SURFACE,APPLY TAPE TO PAPER AND PULL AROUND PART ENDS-WITH WRAPPED PART IN PLACE ON PALLET CONDITIONS-ITEM WEIGHTS 20-30 POUNDS
DL	920	MAL	EMCS	MPKRC01	1434	CONTAINER(RIGID METAL),CLOSE AND SEAL STARTS-WITH A REACH TO GET A TOP BRACE INCLUDES-ALL THE TIME NECESSARY TO PLACE THE TOP BRACE, PLACE THE LID WITH A RUBBER GASKET SEALED FIRMLY AND A LOCKING RING ON THE CONTAINER,TIGHTEN THE NUT ON THE LOCKING RING AND PLACE A TAMPER PROOF SEAL ON THE CONTAINER ENDS-WHEN THE SEAL IS RELEASED AFTER ATTACHING CONDITIONS-RUN DOWN 10 THREADS WITH RATCHET WRENCH
DL	920	MAL	BMDP	MPKRS01	1752	SEAL(CONEX),REMOVE,OPEN AND CLOSE DOOR STARTS-WITH A REACH TO CUTTERS IN POCKET INCLUDES-ALL THE TIME NECESSARY TO CUT THE SEAL,ASIDE SEAL,CUTTERS AND OPEN AND CLOSE THE CONEX DOOR ENDS-WHEN DOOR IS CLOSED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AF	920	MAL	BAABXXX	MPKSAXX	VARIABLE	STRAP,APPLY TO BOX WITH MACHINE STARTS-WITH REACH FOR BANDING AND MOVE FOOT TO FOOT CONTROL INCLUDES-ALL THE TIME REQUIRED TO ACTUATE THE FOOT CONTROL WHILE OBTAINING AND POSITIONING BANDING,RELEASE CONTROL AND OBTAIN BOX, POSITION BOX AND HOLD WHILE ACTUATING FOOT CONTROL ENDS-HOLDING BOX,LEG MOVED AFTER RELEASING BANDER CONTROL CONDITION-CASE 02 INCLUDES REPOSITIONING BOX AND APPLY BAND-NO MACHINE TIME INCLUDED
					187	CASE 01 APPLY FIRST BAND
					203	02 APPLY SECOND BAND
NO	920	MAL	BC385	MPKSA03	3800	STRAPS,APPLY TO PALLET STARTS-WITH WALK TO GET STRAPS INCLUDES-ALL THE TIME NECESSARY TO GET STRAPS, THREAD THRU PALLET,GET AND POSITION SEALS,GET AND ASIDE STRAPPING TOOLS ENDS-WITH ASIDE STRAPPING TOOLS CONDITIONS-DOES NOT INCLUDE SEALING,CRIMPING, OR STAPLING STRAPS-FOUR STRAPS POSITIONED
FFE	920	MAL	HMPSF01	MPKSFXX	VARIABLE	STRAP(METAL),FOLD STARTS-WITH BEND TO GET STRAP INCLUDES-ALL THE TIME NECESSARY TO PICK UP A METAL STRAP AND FOLD ENDS-WITH ASIDE STRAP CONDITIONS-LIMITED TO 1/2,5/8,3/4 INCH STRAP
					134	CASE 01-MAKE FIRST FOLD
					39	02-EACH ADDITIONAL FOLD
AF	920	MAL	BAPP001	MPKSPXX	VARIABLE	STRAPPING,POSITION THROUGH PALLET STARTS-WITH KNEEL ON ONE KNEE INCLUDES-ALL THE TIME NECESSARY TO KNEEL DOWN TO PALLET,POSITION BANDING UNDER PALLET AND PUSH BANDING THROUGH PALLET AND ARISE ENDS-WITH ARISE CONDITIONS-THIS TIME IS APPLICABLE TO FOUR WAY OR TWO WAY AMMUNITION PALLETS
					257	CASE 01 FIRST BAND
					233	02 SECOND BAND
AF	920	MAL	BAGS001	MPKSP04	393	STRAPPING,POSITION TO SKIDS STARTS-WITH TURN TO STOCK OF PRE-CUT BANDING INCLUDES-ALL THE TIME NECESSARY TO GET TWO PRE-CUT BANDS AND POSITION BANDS TO 4X4 SKIDS ENDS-WITH ARISE FROM BEND AFTER FINAL POSITION OF BANDING CONDITIONS-WALK FOUR PACES TO AND FROM STRAPPING
AF	920	MAL	BARB001	MPKSRXX	VARIABLE	STRAPPING(5/8 INCH),REMOVE FROM BOX STARTS-WITH REACH TO STRAP AND BOX SIMULTANEOUSLY AFTER THE STRAP HAS BEEN CUT INCLUDES-ALL THE TIME NECESSARY TO REMOVE TWO STRAPS FROM A BOX ENDS-WITH STRAPS IN HAND,BOX RELEASED
					67	CASE 01 REMOVE FRIST STRAP
					44	02 REMOVE EACH ADDITIONAL STRAP
DL	920	MAL	EMPT	MPKTA01	4467	BOX(TRI-WALL),ASSEMBLE TO PALLET STARTS-WITH A REACH TO OBTAIN TRI-WALL BASE INCLUDES-ALL THE TIME NECESSARY TO POSITION AND NAIL BASE TO PALLET,SQUARE AND INSERT SLEEVE INTO BASE AND TO CLIMB IN AND OUT OF TRI-WALL WHEN REQUIRED ENDS-WHEN SLEEVE IS INSERTED INTO BASE CONDITIONS-TWO MEN ARE USED TO GET AND POSITION PALLET,SELECT,GET AND SQUARE TRI-WALL AND INSERT SLEEVE INTO BASE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	BMAT	MPKTF01	167	TAPE,APPLY TO FIBERCAN STARTS-WITH A REACH TO GET TAPE INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND APPLY TAPE TO SEAL FIBERCAN ENDS-WHEN CAN HAS BEEN TAPED CLOSED AND THE CAN IS RELEASED CONDITIONS-TAPE STRIP IS OBTAINED FROM A PUSH BUTTON TAPE DISPENSER
DL	920	MAL	I-23	MPKTG01	77	TAPE(STRIP-ADHESIVE),GET FROM PUSH BUTTON DISPENSER STARTS-WITH REACH TO BUTTON INCLUDES-ALL THE TIME NECESSARY TO PUSH THE DISPENSER BUTTON,GRASP AND CARRY TAPE TO CARTON,GET END OF TAPE IN LEFT HAND ON CARTON ENDS-WITH LEFT HAND HOLDING ONE END OF TAPE ON CARTON,RIGHT HAND HOLD OTHER END CLEAR
DL	920	MAL	EMTW	MPKT001	1578	CONTAINER(TRI-WALL),OPEN STARTS-WITH A REACH FOR STRAP CUTTERS INCLUDES-ALL THE TIME NECESSARY TO CUT STRAPS REMOVE LID AND PACKING FROM TRI-WALL CONTAINER ENDS-WITH RELEASE OF PACKING
DL	920	MAL	BEOW	MPKW0XX	VARIABLE	WIREBOUND BOX,OPEN STARTS-WITH REACH TO HAMMER INCLUDES-ALL THE TIME NECESSARY TO OPEN A WIREBOUND BOX USING HAMMER TO OPEN WIRE HOOPS, RAISING A HINGED LID,REMOVING AND PLACING ASIDE OF PACKING MATERIAL WHEN IN BOX ENDS-WITH HAMMER AND PACKING MATERIAL ASIDE
					862	CASE 01 SMALL BOX,WITH PACKING
					908	02 MEDIUM BOX,WITH PAKCING
					1329	03 LARGE BOX,WITH PACKING
					832	04 SMALL BOX,NO PACKING
					832	05 MEDIUM BOX,NO PACKING
					1084	06 LARGE BOX,NO PACKING
NS	920	MAL	PP1C1/2	TPKB0XX	TABLE	BAG(PAPER AND JIFFY),OPEN AND STAPLE CLOSED STARTS-WITH REACH TO BAG INCLUDES-ALL THE TIME NECESSARY TO OBTAIN A BAG,OPEN THE TOP,CLOSE TOP,FOLD OVER AND STAPLE TO SECURE ENDS-WITH BAG STAPLED CLOSED AND WITH BAG IN ONE HAND AND STAPLER IN OTHER CONDITIONS-DOES NOT INCLUDE TIME TO PLACE ITEM IN BAG

NUMBER OF STAPLES		AIR STAPLER FOOT PRESSURE LIGHT JIFFY BAG A	AIR STAPLER FOOT PRESSURE HEAVY BAG B	PLIER GRIP STAPLER TYPE OF BAG JIFFY C	PLIER GRIP STAPLER TYPE OF BAG PAPER D
1	A	160	182	168	169
2	B	190	232	207	196
3	C	219	283	247	223
4	D	248	333	286	250
5	E	278	384	326	277

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	BMAL	TPKCAXX	TABLE	CARTON,ASSEMBLE START-WITH A DECISION TO SELECT PROPER SIZE CARTON INCLUDES-ALL THE TIME NECESSARY TO SELECT, ASSEMBLE,SEAL THE BOTTOM,INVERT A CARTON TO A READY TO PACK POSITION ENDS-WITH RELEASE OF CARTON IN POSITION

LOCATION OF CARTON		SIZE OF CARTON SMALL UP TO 8X8X8 INCHES A	MEDIUM UP TO 12X12X12 INCHES B	LARGE UP TO 24X24X24 INCHES C
IN TOTE TRAY	A	461	500	599
OVERHEAD	B	516	555	654
ADJACENT-TO FIVE FEET	C	556	595	694
BEHIND-TO FIVE FEET	D	593	632	731

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NS	920	MAL	PP1A2/3	TPKCCXX	TABLE	CARTON,CLOSE AND SEAL STARTS-WITH REACH TO CARTON FLAPS INCLUDES-ALL THE TIME NECESSARY TO CLOSE AND APPLY TAPE ACROSS TOP OF A FIBERBOARD CARTON TO SEAL ENDS-WITH HANDS ON CARTON AFTER SMOOTHING TAPE

CONDITIONS		TYPE OF TAPE HANDLE A	DIAL B	MACHINE BUTTON C
SMALL CARTON-8X8X8 INCHES				
WITHOUT PACKING PACKING ENVELOPE UNDER FLAPS	A	314	311	306
NO PACKING ENVELOPE UNDER FLAPS	B	204	201	195
WITH PACKING- PACKING ENVELOPE UNDER FLAPS	C	336	332	327
NO PACKING ENVELOPE UNDER FLAPS	D	225	222	216
MEDIUM CARTON-12X12X12 INCHES				
WITHOUT PACKING- PACKING ENVELOPE UNDER FLAPS	E	332	328	322
NO PACKING ENVELOPE UNDER FLAPS	F	224	220	215
WITH PACKING- PACKING ENVELOPE UNDER FLAPS	G	363	359	354
NO PACKING ENVELOPE UNDER FLAPS	H	256	252	247
LARGE CARTON-24X24X24 INCHES				
WITHOUT PACKING PACKING ENVELOPE UNDER FLAPS	J	447	422	417
NO PACKING ENVELOPE UNDER FLAPS	K	352	326	321
WITH PACKING- PACKING ENVELOPE UNDER FLAPS	L	489	464	459
NO PACKING ENVELOPE UNDER FLAPS	M	394	369	364

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	EHCE	TPKCPXX	TABLE	CARTON(EXTERIOR CONTAINER),PACKAGE ITEM AND SEAL

STARTS-WITH TURN TO CARTON STORAGE AREA
INCLUDES-ALL THE TIME NECESSARY TO GET AN UNASSEMBLED CARTON,ASSEMBLE THE CARTON,PLACE AN ITEM IN THE CARTON AND SEAL CARTON WITH TAPE
ENDS-WITH TAPE PRESSED DOWN AND CARTON RELEASED

CONDITIONS-TAPE IS OBTAINED FROM PUSH BUTTON TYPE DISPENSER-ADD FIVE TMUS IF TAPE OBTAINED FROM DIAL TYPE DISPENSER AND NINE TMUS IF TAPE FROM A HANDLE TYPE DISPENSER-ADD 87 TMUS FOR EACH ADDITIONAL ITEM TO 2.5 POUNDS-ADD 100 TMUS FOR EACH ADDITIONAL FIVE POUND AVERAGE WEIGHT ITEM INSERTED-ADD 137 TMUS FOR EACH ADDITIONAL 10 POUND AVERAGE WEIGHT ITEM INSERTED

WEIGHT OF ITEM TO BE INSERTED (POUNDS)		SIZE OF CARTON SMALL A	MEDIUM B	LARGE C
		UNASSEMBLED CARTON IN TOTE TRAY		
UP TO 2.5	A	715	785	1001
AVERAGE 5	B	729	799	1015
AVERAGE 10	C	766	836	1052
		UNASSEMBLED CARTON LOCATED OVERHEAD		
UP TO 2.5	D	770	840	1056
2.5 TO 5	E	784	854	1070
5 TO 10	F	821	891	1107
		UNASSEMBLED CARTON LOCATED TO FIVE FEET ADJACENT(TO THE SIDE OF WORKTABLE)		
UP TO 2.5	G	810	880	1096
AVERAGE 5	H	824	894	1110
AVERAGE 10	J	861	931	1147
		UNASSEMBLED CARTON LOCATED TO FIVE FEET OEHIND WORK-TABLE		
UP TO 2.5	K	847	917	1133
AVERAGE 5	L	861	931	1147
AVERAGE 10	M	898	968	1184

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWNSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	BMIC	TPKIIXX	TABLE	ITEM(S),INSERT AND ALIGN IN CONTAINER STARTS-WITH REACH TO GET ITEM INCLUDES-ALL THE TIME NECESSARY TO PICK UP AN ITEM AND INSERT INTO A CONTAINER, ALIGN ITEM WITH OTHER ITEMS IN CONTAINER ENDS-WITH RELEASE OF ITEM IN CONTAINER

WEIGHT (POUNDS)		NUMBER OF ITEMS INSERTED 1	2	3	4	5
		A	B	C	D	E
UP TO 2 1/2	A	38	125	212	298	385
AVERAGE FIVE	B	52	152	253	353	453
AVERAGE TEN	C	89	226	363	500	637
		6	7	8	9	10
		F	G	H	J	K
UP TO 2 1/2	A	471	558	645	731	818
AVERAGE FIVE	B	553	653	734	854	954

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWNSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NS	920	MAL	PP2A1Y	TPKMIXX	TABLE	MATERIAL(PACKING),INSERT IN CARTON STARTS-WITH PACKING MATERIAL IN HAND OVER CARTON INCLUDES-ALL THE TIME NECESSARY TO SPREAD MATERIAL IN BOTTOM OF CARTON AND ON TOP OF ITEM ENDS-WITH HAND REMOVED FROM CARTON

CONDITIONS		SIZE OF CONTAINER SMALL	MEDIUM	LARGE
		A	B	C
SPREAD ON BOTTOM OF CONTAINER	A	37	45	130
SPREAD ON TOP OF ITEM	B	81	96	162

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWNSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NS	920	MAL	PP4A1X	TPKSAXX	TABLE	STRAPPING,APPLY BY HAND STARTS-WITH REACH TO GET STRAP END INCLUDES-ALL THE TIME NECESSARY TO PLACE A METAL STRAP AROUND A CONTAINER OR MATERIAL, CUT STRAP,ASIDE CUTTER,GET AND AISDE STRAPPING TOOLS,PLACE SEAL,CRIMP,REMOVE EXCESS STRAP ENDS-WITH STRAP ATTACHED,TOOLS ASIDE CONDITIONS-TIME TO GET AND PLACE CORNER PROTECTORS IS NOT INCLUDED

LENGTH OF STRAP FEET		TYPE OF STRAP 3/4 INCH LIGHT HORIZ. A	VERT. B	3/4 INCH HEAVY HORIZ. C	VERT. D
6	A	807	983	1648	1689
8	B	833	1009	1699	1740
10	C	859	1035	1750	1791
12	D	886	1061	1801	1842
14	E	912	1088	1985	1893
16	F	966	1207	2036	1944
18	G	997	1233	2087	1995
20	H	1018	1260	2138	2046
22	J	1044	1286	2189	2097
24	K	1071	1312	2240	2148

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	920	MAA	ILMJPUC	SPKBB01	15114	BOX(WOOD),BREAK OPEN STARTS-WITH REACH TO PRY BAR INCLUDES-ALL THE MOTIONS NECESSARY TO GET PRY BAR AND HAMMER,HAMMER PRY BAR UNDER LID,PRY UP LID AROUND BOX,ASIDE PRY BAR AND HAMMER, GRASP LID,PULL UP TO REMOVE AND ASIDE TO BENCH,GET HAMMER AND MAKE NAILS SAFE BY BEND-ING,ASIDE HAMMER AND LID ENDS-WITH LID PARTS ASIDE CONDITIONS-INCLUDES-TURNS TO ASIDE PARTS AND TURNS BACK TO BENCH
SL	920	MAL	STC-17	SPKBCX1	CON/VAR	BOX(TRIPLE WALL),ASSEMBLE/COMPLETE STARTS-WITH WALK TO MOUNT FORKLIFT TRUCK INCLUDES-ALL THE MOTIONS NECESSARY TO WALK AND MOUNT FORKLIFT TRUCK,TRAVEL TO TRI-WALL FLATS STORAGE,PICK UP PALLET LOAD,TRAVEL TO ASSEMBLY AREA,DROP PALLET LOAD,ASSEMBLE TRI-WALL BOX TO PALLET,PLACE LID ON BOX ENDS-WITH LID IN PLACE ON TRI-WALL BOX CONDITIONS-TRI-WALL BOX IS NOT PLACED IN TILT FIXTURE
					4700	CASE 1-1 CONSTANT TIME-ASSEMBLE/COMPLETE BOX TO PALLET(920 MPKTA01),PLACE LID ON BOX(920 MPKLP01)
						A-1 VARIABLE TIME-GET TRI-WALL FLATS AND PLACE IN ASSEMBLY AREA(922 SEHMPX1-DIVIDE BY NUMBER OF FLATS PER TRIP)
DL	920	MAL	SP-32	SPKBC01	6912	BOX(TRIPLE WALL),ASSEMBLE/COMPLETE STARTS-WITH FORKLIFT TRUCK PICK UP STACK OF UNASSEMBLED BLANKS IN STORAGE INCLUDES-ALL THE TIME NECESSARY TO PICK UP STACK OF BLANKS IN STORAGE,PLACE STACK IN ASSEMBLE AREA,PICK UP ASSEMBLED BUX WITH FORK-LIFT TRUCK,PLACE BOX ON SPECIAL TILT JIG,TILT BOX FOR PACKING,RETURN TO UPRIGHT AFTER PACK-ING,PLACE LID ON BOX ENDS-WITH LID IN PLACE READY FOR STRAPPING CONDITIONS-DOES NOT INCLUDE FORKLIFT TRUCK TRAVEL FROM STORAGE TO ASSEMBLY AREA-FORKLIFT PICKS UP AND MOVES 10 BLANKS PER TRIP-DOES NOT INCLUDE PLACING MATERIAL IN BOX
DL	920	MAL	SP-19	SPKBJ01	352	BAG(JIFFY),PACK-ON LINE STARTS-WITH A REACH TO GET A JIFFY BAG FROM A TOTE TRAY INCLUDES-ALL THE TIME NECESSARY TO GET AND OPEN THE JIFFY BAG,STAPLE THE BAG CLOSED AND PLACE IT IN A MAIL CRIB ENDS-WITH JIFFY BAG IN MAIL CRIB CONDITIONS-DOES NOT INCLUDE PUTTING MATERIAL INTO THE JIFFY BAG-MAIL CRIB IS ADJACENT TO WORK AREA,NO TURN OR WALK REQUIRED TO PUT BAG IN CRIB-FOUR STAPLES WITH PLIER GRIP STAPLER

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	SPP-17	SPKBM01	8149	BASE,PREPARE AND MOUNT ITEM WITH HOIST STARTS-WITH REACH TO DRILL INCLUDES-ALL THE TIME NECESSARY TO GET AND ASIDE DRILL,PLACE BOLTS,PLACE AND SEAL GASKET ON BOLTS,GET BARRIER AND GASKET, MOUNT GASKET TO BASE,SECURE AND SEAL GASKET TO PRE-MOUNTED BOLTS,WALK TO GET HOIST AND RETURN TO ITEM,ATTACH HOIST TO ITEM AND MOVE TO BASE,GET WRENCH AND NUTS,PLACE NUTS, AND TIGHTEN WITH WRENCH,APPLY CUSHIONING TO ITEM,EXHAUST AIR FROM BAG AND HEAT SEAL WITH HAND SEALER ENDS-WITH ITEM MOUNTED AND BARRIER SEALED AROUND ITEM CONDITIONS-DOES NOT INCLUDE DRILLING TIME-FOUR BOLTS AND FOUR GASKETS USED-WALK FIVE PACES TO GET HOIST AND RETURN FIVE PACES IS INCLUDED
DL	920	MAL	SP-27	SPKBP01	4680	BOX(WOOD),PREPARE/COMPLETE,OFF LINE/LOW LINE STARTS-WITH PUSH BOX ONTO PACKING JIG INCLUDES-ALL THE TIME NECESSARY TO GET CUSHIONING AND BOX WITH LID,PUSH THE BOX ONTO A PACKING JIG,CUSHION BOX TOP AND BOTTOM, REMOVE BOX FROM JIG AND PLACE LID ON BOX,NAIL LID TO BOX WITH 16 NAILS ENDS-WITH LID NAILED ON,HAMMER ASIDE CONDITIONS-DOES NOT INCLUDE PACKING THE BOX WITH MATERIAL-LARGE BOX,24X24X24 INCHES
DL	920	MAL	SP-26	SPKBP02	3242	BOX(WOOD),PREPARE/COMPLETE ON LINE STARTS-WITH REACH TO OBTAIN BOX AND LID INCLUDES-ALL THE TIME NECESSARY TO GET AND PLACE BOX(MEDIUM)ON WORK AREA,CUSHION THE BOX TOP AND BOTTOM AND SECURE THE LID WITH 12 NAILS ENDS-WITH LID SECURED,HAMMER ASIDE CONDITIONS-DOES NOT INCLUDE PUTTING ITEM(S)IN BOX
DL	920	MAL	SP23/25	SPKBRXX	VARIABLE	BOX(WOOD,ORIGINAL),REPACK STARTS-WITH REACH TO CUSHIONING MATERIAL INCLUDES-ALL THE TIME NECESSARY TO GET AND INSERT CUSHIONING INTO A WOODEN CONTAINER,GET AND ASIDE PAINT CAN AND BRUSH,APPLY PAINT TO MASK OUT OLD MARKINGS ENDS-WITH ASIDE PAINT AND BRUSH CONDITIONS-CUSHION APPLIED TOP AND BOTTOM-12 NAILS USED TO SECURE LID-DOES NOT INCLUDE PUTTING THE ITEMS TO BE PACKED INTO THE BOX
					3337	CASE 01 MEDIUM BOX-12X12X12 INCHES-PARCEL POST/ON LINE
					4400	02 LARGE BOX-24X24X24 INCHES-OFF LINE/LOW LINE
DL	920	MAL	EEEM/H	SPKBSXX	VARIABLE	BAG,SEAL(HEAT)AND EXHAUST AIR- STARTS-WITH POSITIONING THE BAG IN THE SEALER OR REACH TO GET HAND SEALER INCLUDES-ALL THE TIME NECESSARY TO POSITION THE BAG IN THE SEALER,EXHAUST THE AIR FROM THE BAG WITH A VACUUM AND INCLUDES TIME TO OBTAIN AND ASIDE THE VACUUM THEN SEAL THE BAG AND ASIDE THE SEALED BAG ENDS-WHEN THE SEALED BAG IS LAYED ASIDE
					1195	CASE 01 MACHINE SEALER
					1323	02 HAND SEALER

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	920	MAA	IOFEBU8	SPKBU01	259	BEARING(IN PLASTIC PACK),UNPACK STARTS-WITH REACH TO BEARING CONTAINER INCLUDES-ALL THE MOTIONS NECESSARY TO GET CONTAINER AND PLACE FOR WORK,GET DYKES,CUT FIRST SIDE OF PLASTIC,TURN CONTAINER,CUT SECOND SIDE OF PLASTIC,ASIDE DYKES,GET THE CONTAINER AND BEND TO OPEN,GET BEARING AND REMOVE FROM CONTAINER,ASIDE CONTAINER TO WASTE CAN ENDS-WITH EMPTY CONTAINER IN WASTE CAN
DL	920	MAL	EMTA	SPKCA01	37638	CRATE(PREFABRICATED),ASSEMBLE STARTS-WITH OBTAIN CRATE SECTIONS INCLUDES-ALL THE TIME NECESSARY TO ASSEMBLE A CRATE FROM PREFABRICATED END,SIDE AND TOP SECTIONS PRIOR TO ATTACHING TO A PALLET BASE AND INCLUDES OBTAINING,POSITIONING AND NAILING SECTIONS TOGETHER AND NAILING CORNER PROTECTORS TO THE ASSEMBLED CRATE ENDS-WHEN THE CORNER PROTECTORS ARE NAILED TO THE CRATE CONDITIONS-THIS IS A TWO MAN OPERATION-DOES NOT INCLUDE WALK TO GET AND RETURN SECTIONS
DL	920	MAL	SP-11	SPKCA02	39542	CRATE,ASSEMBLE(OFF LINE/LOW LINE) STARTS-WITH OBTAIN CRATE SECTIONS INCLUDES-ALL THE TIME NECESSARY TO OBTAIN CRATE SECTIONS,POSITION AND NAIL SECTIONS TOGETHER AND ATTACH ASSEMBLED CRATE TO THE SKID,CORNER PROTECTORS POSITIONED AND NAILED ENDS-WITH CRATE ATTACHED TO SKID CONDITIONS-SECTIONS PREFABRICATED-SECTIONS NAILED TOGETHER WITH EIGHT NAILS-DRILLING TIME NOT INCLUDED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	SP-20	SPKCCXX	TABLE	CARTON(FIBERBOARD),PREPARE AND COMPLETE STARTS-WITH A DECISION TO SELECT PROPER SIZE CARTON INCLUDES-ALL THE TIME NECESSARY TO SELECT, ASSEMBLE,CUSHION,CLOSE AND SEAL A FIBERBOARD CARTON ENDS-WITH CARTON TAPED CLOSED CONDITIONS-TAPE APPLIED ACROSS TOP AND SECURED TO BOTH SIDES-TAPE OBTAINED FROM PUSH BUTTON TYPE TAPE DISPENSER NOTE-ADD SIX TMUS PER CARTON IF TAPE IS OBTAINED FROM DIAL TYPE TAPE DISPENSER ADD 10 TMUS PER CARTON IF TAPE OBTAINED FROM HANDLE TYPE TAPE DISPENSER

CARTON BLANK LOCATED		SIZE OF CARTON SMALL 8X8X8 INCHES	MEDIUM 12X12X12 INCHES	LARGE 24X24X24 INCHES
		NO ENVELOPE UNDER FLAP A	B	C
IN TOTE TRAY	A	1061	1231	1774
OVERHEAD	B	1116	1286	1829
ADJACENT TO WORK AREA-FIVE FEET	C	1156	1326	1869
TO REAR OF WORK AREA-FIVE FEET	D	1193	1363	1906
		ENVELOPE UNDER FLAP D	E	F
IN TOTE TRAY	A	1172	1338	1869
OVERHEAD	B	1227	1393	1924
ADJACENT TO WORK AREA-FIVE FEET	C	1267	1423	1964
TO REAR OF WORK AREA-FIVE FEET	D	1304	1470	2001

DL	920	MAL	SPP-13	SPKCC01	2150	CARTON(INTERIOR),COMPLETE AND OVERWRAP STARTS-WITH SELECTION OF CARTON BLANK INCLUDES-ALL THE TIME NECESSARY TO SELECT AND ASSEMBLE A CARTON,PLACE ITEM IN CARTON,CLOSE, SEAL CARTON,BLUNT CORNERS,CUT WRAP,WRAP CARTON IN LOCK-FOLD WRAP,SEAL OVERWRAP ENDS-WITH CARTON OVERWRAPPED AND READY TO BE LABELED CONDITION-MEDIUM CARTON
DL	920	MAL	SP-28	SPKCC02	22176	CRATE,PREPARE/COMPLETE ON LINE STARTS-WITH THE MATERIAL ON A SKID,READY TO BE ATTACHED INCLUDES-ALL THE TIME NECESSARY TO OBTAIN PRY BAR,TILT SKID,PRY MATERIAL INTO PLACE OBTAIN FOUR BOLTS,NUTS AND WASHERS,INSERT BOLTS,INSTALL WASHERS AND NUTS,ASSEMBLE PRE-FABRICATED CRATE SECTIONS AND NAIL SIDES AND TOP IN PLACE ENDS-WITH MATERIAL ON SKID AND CRATED,READY TO BE LABELED CONDITION-CRATE ASSEMBLED BY ONE MAN

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	SP-37	SPKCC03	13989	CONEX,PREPARE/COMPLETE FOR LOADING STARTS-WITH PICK UP EMPTY CONEX INCLUDES-ALL THE TIME NECESSARY TO PICK UP AN EMPTY CONEX,SET DOWN IN PACKING AREA,GET AND ASIDE TOOLS,OPEN CONEX DOOR,SWEEP AND CLEAN AND PICK UP SWEEPING,REMOVE LID TO TRASH CAN, PUT SWEEPINGS IN CAN,REPLACE LID,OBTAIN AND ASIDE BROOM,MASK OUT OLD MARKINGS,CUT STENCIL AND STENCIL CONEX ENDS-WITH FINAL MARKING COMPLETE CONDITIONS-DOES NOT INCLUDE LOADING MATERIAL INTO CONEX-DOES NOT INCLUDE TRAVEL WITH CONEX TO PACKING AREA OR RETURN
FFE	920	MAA	GPKB003	SPKC001	352	CONTAINER(CYLINDRICAL),OPEN AND UNPACK STARTS-WITH REACH TO CONTAINER INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION AT WORK AREA,GET KNIFE,CUT OPEN CONTAINER,ASIDE KNIFE,GET PART,ASIDE CONTAINER HALVES,ASIDE PART ENDS-WITH PART ASIDE CONDITIONS-CYLINDRICAL CONTAINER TO 2.5 INCHES IN DIAMETER AND TO 4 INCHES LONG
DL	920	MAL	EHCI	SPKCPXX	VARIABLE	CARTON(INTERIOR CONTAINER),PACKAGE ITEM AND SEAL STARTS-WITH A TURN TO CARTON STORAGE AREA INCLUDES-ALL THE TIME NECESSARY TO GET AN UNASSEMBLED FIBERBOARD CARTON,ASSEMBLE CARTON, INSERT ITEM,CLOSE,SEAL AND BLUNT CORNERS ENDS-WHEN MALLET IS LAYED ASIDE AFTER BLUNTING CORNERS CONDITIONS-TAPE IS OBTAINED FROM A TAPE DISPENSER-ITEM INSERTED IS UP TO 2.5 POUNDS AVERAGE WEIGHT CASE 01-04;5 POUNDS CASES 05-08;10 POUNDS CASES 09-12
					1125	CASE 01 SMALL CARTON,UP TO 8X8X8 INCHES,CARTON LOCATED IN TOTE TRAY
					1180	02 SMALL CARTON,UP TO 8X8X8 INCHES,CARTON LOCATED OVERHEAD
					1220	03 SMALL CARTON,UP TO 8X8X8 INCHES,CARTON LOCATED 5 FEET ADJACENT TO WORK AREA
					1257	04 SMALL CARTON,UP TO 8X8X8 INCHES,CARTON LOCATED 5 FEET TO REAR OF WORK AREA
					1209	05 MEDIUM CARTON,OVER 8X8X8 INCHES UP TO 12X12X12 INCHES,CARTON LOCATED IN TOTE TRAY
					1264	06 MEDIUM CARTON,OVER 8X8X8 INCHES UP TO 12X12X12 INCHES,CARTON LOCATED OVERHEAD
					1304	07 MEDIUM CARTON,OVER 8X8X8 INCHES UP TO 12X12X12 INCHES,CARTON LOCATED 5 FEET ADJACENT TO WORK AREA
					1341	08 MEDIUM CARTON,OVER 8X8X8 INCHES UP TO 12X12X12 INCHES,CARTON LOCATED 5 FEET TO REAR OF WORK AREA
					1462	09 LARGE CARTON,OVER 12X12X12 INCHES UP TO 24X24X24 INCHES,CARTON LOCATED IN TOTE TRAY
					1517	10 LARGE CARTON,OVER 12X12X12 INCHES UP TO 24X24X24 INCHES,CARTON LOCATED OVERHEAD
					1557	11 LARGE CARTON,OVER 12X12X12 INCHES UP TO 24X24X24 INCHES,CARTON LOCATED 5 FEET ADJACENT TO WORK AREA
					1592	12 LARGE CARTON,OVER 12X12X12 INCHES UP TO 24X24X24 INCHES,CARTON LOCATED 5 FEET TO REAR OF WORK AREA

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	SP-34	SPKCS01	18208	CONTAINER,STENCIL/LABEL/STRAP-OFF LINE/LOW LINE STARTS-WITH PACK DOCUMENTS(PRE-PRINTED LABELS) IN HAND INCLUDES-ALL THE TIME NECESSARY TO APPLY A PRE PRINTED LABEL TO THE CARTON,ANNOTATE WEIGHT AND CUBE ON LABEL,CUT STENCILS FOR OVERSEAS PACK,APPLY STENCILS AND STRAP CONTAINER WITH FOUR STRAPS ENDS-WITH CONTAINER READY FOR SHIPMENT CONDITIONS-APPLY FOUR THREE LINE STENCILS
DL	920	MAL	SP-33	SPKCS02	6560	CONTAINER,STENCIL/LABEL/STRAP-ON LINE STARTS-WITH REACH TO CARTON INCLUDES-ALL THE TIME NECESSARY TO WEIGH AND CUBE CARTON,ANNOTATE WEIGHT AND CUBE ON CARTON AND LABEL WITH A PRE-PRINTED LABEL,CUT STENCIL(S)REQUIRED AND APPLY,STRAP CONTAINER ENDS-WITH CONTAINER READY FOR SHIPMENT CONDITIONS-APPLY FOUR THREE LINE STENCILS STRAP WITH TWO STRAPS
FFE	920	MAA	IOFEBUC	SPKCT01	355	CONTAINER PLASTIC),TEAR APART STARTS-WITH REACH TO SHEET OF CONTAINERS INCLUDES-ALL THE MOTIONS NECESSARY TO GET SHEET OF 10 CONTAINERS,GET TWO CONTAINERS WITH OTHER HAND,BEND AND PULL TO BREAK TWO CONTAINERS OFF OF SHEET,ASIDE SHEET,GET ONE CONTAINER WITH OTHER HAND,BEND AND PULL TO BREAK TWO CONTAINERS APART,ASIDE BOTH CONTAINERS (SIMO) ENDS-WITH CONTAINERS ASIDE
DL	920	MAL	SP-21	SPKCW01	799	CONTAINER(PARCEL POST),WEIGH AND LABEL STARTS-WITH REACH TO CONTAINER TO BE WEIGHED INCLUDES-ALL THE TIME NECESSARY TO PICK UP A CONTAINER(PARCEL POST)AND PLACE ON SCALES, READ SCALES AND MOVE CONTAINER ASIDE,ANNOTATE WEIGHT WITH GREASE PENCIL,TEAR OFF LABEL FROM DD 1348-1 AND GLUE TO CONTAINER ENDS-WITH CONTAINER LABELED AND READY FOR SHIPMENT
DL	920	MAL	SP-15	SPKCW02	5165	CONTAINER(BULK),WEIGH,MEASURE AND CUBE STARTS WITH FORKLIFT TRUCK TRAVELING TO THE CONTAINER INCLUDES-ALL THE TIME NECESSARY TO TRAVEL TO, PICK UP,MOVE TO SCALES,WEIGH,MEASURE AND CUBE THE CONTAINER AND MOVE THE CONTAINER BACK TO THE PACKING AREA ENDS-WHEN THE CONTAINER IS DROPPED IN THE PACKING AREA CONDITIONS-FORKLIFT OPERATOR IS MOUNTED ON THE LIFT AT THE START-AVERAGE DISTANCE CONTAINER IS MOVED TO AND FROM THE SCALES IS 50 FEET-EACH WAY-MATERIAL IS DROPPED ONTO FLOOR MOUNTED SCALES
DL	920	MAL	SP-6	SPKDP01	1129	DOCUMENT,PROCESS PER CONEX STARTS-WITH REACH TO KEY DOCUMENT INCLUDES-ALL THE TIME NECESSARY TO GET AND ANNOTATE THE KEY DOCUMENT,FOLD AND INSERT COPIES OF THE DOCUMENT INTO AN ENVELOPE, ASIDE ENVELOPE IN CONEX ENDS-WITH DOCUMENTS IN CONEX

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	SP=3	SPKDP02	2143	DOCUMENT,PROCESS PER PACK=MULTIPLE LINE ITEM PER PACK STARTS=WITH REACH TO KEY DOCUMENTS INCLUDES=ALL THE TIME NECESSARY TO GET THE KEY DOCUMENT AND OTHER DOCUMENTS RELATED TO EACH PACK,ANNOTATE KEY DOCUMENT WITH PACKERS INITIALS,DATE,KEY DOCUMENT WEIGHT AND CUBE AND OTHER PACKING INFORMATION,TO PLACE ALL DOCUMENTS RELATED TO THE PACK IN A PACKING ENVELOPE AND TAPE TO PACKING CONTAINER ENDS=WITH TAPE ROLL ASIDE
DL	920	MAL	SP=4	SPKDP03	2616	DOCUMENTS,PROCESS PER PACKED AS RECEIVED STARTS=WITH ANNOTATING OF DOCUMENT INCLUDES=ALL THE TIME NECESSARY TO PULL REQUIRED COPIES FROM DOCUMENT,PREPARE PACKING LIST,ATTACH LIST TO CONTAINER,PROCESS DOCUMENT PER LINE ITEM PACKED ENDS=WITH PROOF OF SHIPMENT COPY PLACED ASIDE
DL	920	MAL	SP=5	SPKDP04	2616	DOCUMENTS,PROCESS PER LINE ITEM=SINGLE LINE ITEM PER PACK OR MULTIPLE PACKS PER LINE ITEM STARTS=WITH REACH TO DOCUMENTS INCLUDES=ALL THE TIME NECESSARY TO GET THE DOCUMENTS RELATED TO A LINE ITEM FOR PACKS THAT CONSIST OF ONE LINE ITEM OR LESS PER PACK AND VERIFY THE DOCUMENTS WITH THE MATERIAL, ANNOTATE THE DOCUMENT,PULL FOUR COPIES AND PLACE IN A DOCUMENT ENVELOPE,ATTACH THE ENVELOPE TO THE FIRST CONTAINER,PLACE TAPE AND REMAINING DOCUMENTS ASIDE ENDS=WITH REMAINING DOCUMENTS PLACED ASIDE
DL	920	MAL	SP=2	SPKDP05	1763	DOCUMENTS,PROCESS PER LINE ITEM=MULTIPLE LINE ITEMS PER PACK STARTS=WITH A REACH TO DOCUMENTS INCLUDES=ALL THE TIME NECESSARY TO OBTAIN THE DOCUMENTS RELATED TO EACH LINE ITEM OF A PACK CONSISTING OF MORE THAN ONE LINE ITEM,VERIFY MATERIAL WITH DOCUMENT,ANNOTATE EACH DOCUMENT OTHER THAN KEY DOCUMENT WITH INITIALS,DATE,KEY DOCUMENT NUMBER,PULL FOUR COPIES FROM EACH DOCUMENT AND FASTEN DOCUMENTS TO MATERIAL, PLACE REMAINING DOCUMENTS ASIDE ENDS=WITH REMAINING DOCUMENTS PLACED ASIDE
DL	920	MAL	SP=9	SPKDP06	1524	DOCUMENTS(PER BUNDLED OR BANDED ITEMS),PROCESS STARTS=WITH A REACH TO DOCUMENT INCLUDES=ALL THE TIME NECESSARY TO ANNOTATE THE DOCUMENT INCIDENT TO PREPARATION OF A SINGLE LINE ITEM PACK,PULL REQUIRED COPIES OF DD 1348-1,FOLD COPIES,INSERT COPIES IN AN ENVELOPE AND WIRE THE ENVELOPE TO BUNDLE OR BAND ENDS=WITH ENVELOPE WIRED TO BUNDLE,CUTTERS ASIDE CONDITIONS=PER LINE ITEM
DL	920	MAL	SP=1	SPKDP07	1664	DOCUMENTS(PER JIFFY BAG PACKED),PROCESS STARTS=WITH REACH TO DOCUMENTS INCLUDES=ALL THE TIME NECESSARY TO OBTAIN THE DOCUMENTS ACCOMPANYING A JIFFY BAG PACKED FOR PARCEL POST SHIPMENT,VERIFY WITH THE MATERIAL IN THE BAG AND INCLUDES VERIFICATION,ANNOTATION,PULLING THE REQUIRED COPIES,FOLDING AND INSERTING COPIES IN THE JIFFY BAG ENDS=WITH PROOF OF SHIPMENT COPY PLACED ASIDE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	SPP-7	SPKIM01	5062	ITEM,PREPARE BASE FOR AND MOUNT WITH HOIST(NO BARRIER) STARTS-WITH A REACH TO GET DRILL INCLUDES-ALL THE TIME NECESSARY TO PREPARE A BASE USING BOLTS FOR MOUNTING AND TO MOUNT THE ITEM ON THE BOLTS USING AN OVERHEAD HOIST INCLUDES TIME TO WALK TO HOIST,ATTACH AND DETACH ITEM TO OR FROM HOIST,MOVE ITEM TO BASE AND POSITION AND TIGHTEN NUTS ON PRE-MOUNTED BOLT ENDS-WHEN HOIST IS DETACHED AND MOVED AWAY CONDITIONS-FOUR BOLTS ARE USED FOR MOUNTING DRILLING TIME NOT INCLUDED-WALK 10 PACES TO HOIST AND RETURN 10 PACES
DL	920	MAL	SPP-16	SPKIPXX	TABLE	ITEM,PACKAGE IN INTERIOR AND EXTERIOR CARTON STARTS-WITH A DECISION TO SELECT PROPER SIZE CARTON INCLUDES-ALL THE TIME NECESSARY TO SELECT AND ASSEMBLE A CARTON,PLACE A WRAPPED/CUSHIONED ITEM IN THE CONTAINER,CLOSE AND SEAL THE CARTON,BLUNT THE CORNERS AND SELECT AND ASSEMBLE AN EXTERIOR CARTON,PLACE THE SEALED CARTON IN THE EXTERIOR CARTON AND SEAL,ASIDE THE PACKED CARTON ENDS-WITH ASIDE THE PACKED CARTON CONDITIONS-DOES NOT INCLUDE SEALING INTERIOR CARTON IN A BARRIER-NO LABELS APPLIED THE AVERAGE WEIGHT OF INTERIOR PACK IS FIVE POUNDS-TAPE OBTAINED FROM PUSH BUTTON TYPE DISPENSER

SIZE OF CARTON

CARTON BLANKS-LOCATION		SMALL UP TO 8X8X8 INCHES NO ENVELOPE UNDER FLAP A	MEDIUM OVER 8X8X8 TO 12X12X12 INCHES B	LARGE OVER 12 X12X12 INCHES C
IN TOTE TRAY	A	2047	2211	2680
OVERHEAD	B	2147	2321	2790
ADJACENT TO WORK AREA-FIVE FEET	C	2237	2401	2870
TO REAR OF WORK AREA-FIVE FEET	D	2311	2475	2944

NOTE-ADD 79 TMUS TO SMALL OR MEDIUM CARTON AND 85 TMUS TO LARGE CARTON IF ENVELOPE IS TAPED UNDER FLAP OF CARTON

DL	920	MAL	SPP-18	SPKIP01	4564	ITEM,PACKAGE IN WOODBOX(FINAL SHIPPING CONTAINER)-WITH HOIST STARTS-WITH OBTAIN EMPTY BOX INCLUDES-ALL THE TIME TO OBTAIN AN EMPTY BOX, ATTACH AND DETACH HOIST SLING OR HOOK TO AND FROM ITEM,PLACE ITEM IN BOX,NAIL LID ON BOX ENDS-WITH BOX READY FOR LABELING CONDITION-LARGE BOX(24X24X24 INCHES AND UP)-DOES NOT INCLUDE WALKING TO GET AND MOVE HOIST TO ITEM

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	SPP-5	SPKIP02	1439	ITEM,PACKAGE IN FIBER CAN,SEAL WITH TAPE STARTS-WITH REACH TO BARRIER WRAP INCLUDES-ALL THE TIME NECESSARY TO GET ITEM, GET BARRIER,WRAP ITEM IN BARRIER,GET EMPTY CAN PLACE ITEM IN CAN,CUSHION CAN,CLOSE AND SEAL CAN,ASIDE PACKED AND SEAL CAN ENDS-WITH ASIDE PACKED AND SEALED CAN
DL	920	MAL	SPP-1	SPKIP03	1388	ITEM,PACKAGE IN RIGID CONTAINER-MACHINE SEALED STARTS-WITH A REACH TO THE BARRIER MATERIAL INCLUDES-ALL THE TIME NECESSARY TO WRAP AN ITEM IN A BARRIER MATERIAL AND INSERT THE WRAPPED ITEM INTO A CONTAINER,CUSHION THE ITEM IN THE CONTAINER(TOP AND BOTTOM),MACHINE SEAL THE LID TO THE METAL CONTAINER,INCLUDES GET EMPTY CONTAINER AND ASIDE FULL CONTAINER ENDS-WITH ASIDE FULL CONTAINER
DL	920	MAL	SPP-8	SPKIP04	2534	ITEM,PACKAGE IN RIGID CONTAINER-RING SEAL STARTS-WITH REACH TO GET HOIST INCLUDES-ALL THE TIME NECESSARY TO OBTAIN THE TOP BRACE,PLACE ON ITEM,GET AND PLACE LID AND LOCKING RING ON CONTAINER,TIGHTEN NUT ON LOCKING RING,GET AND SEAL CONTAINER WITH A TAMPER PROOF SEAL,OBTAIN AN EMPTY CONTAINER AND ASIDE A FULL CONTAINER,PLACE ITEM IN CONTAINER WITH A HOIST-ATTACH AND DETACH HOIST ENDS-WITH ASIDE PACKED CONTAINER CONDITIONS-NO WALKING TO GET HOIST OR MATERIAL IS INCLUDED
DL	920	MAL	SPP-20	SPKIP05	1944	ITEM,PACKAGE IN STRIPPABLE COMPOUND-FOIL WRAP STARTS-WITH REACH TO ITEM INCLUDES-ALL THE TIME NECESSARY TO WRAP AN ITEM IN CONFORM WRAP,APPLY SINGLE DIP OF STRIPPABLE COMPOUND AND ATTACH TAG,TRIM TRAILINGS,SEAL CORD OPENING WITH COMPOUND,ATTACH AND DETACH ITEM FROM DRYING RACK ENDS-WITH ITEM DIPPED AND TAGGED CONDITIONS-DOES NOT INCLUDE TANK TIME
DL	920	MAL	SPP-19	SPKIP06	1503	ITEM,PACKAGE IN STRIPPABLE COMPOUND(NO WRAP) STARTS-WITH REACH TO ITEM INCLUDES-ALL THE TIME NECESSARY TO GET AND ATTACH ITEM TO HOOK,WALK TO TANK,DIP ITEM AND HANG TO DRY,REMOVE AFTER DRYING,ATTACH TAG ENDS-WITH ATTACH TAG CONDITIONS-DOES NOT INCLUDE TANK TIME
DL	920	MAL	SPP-22	SPKIP07	1363	ITEM,PACKAGE IN SKIN PACKAGE,VACUUM FORMED WITH CUSHIONING STARTS-WITH REACH TO BARRIER MATERIAL INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AN ITEM,WRAPPING MATERIAL AND WRAP THE ITEM, INSERT WRAPPED ITEM IN BAG,GET AND PLACE ITEM IN BLISTER OR SKIN PACK MACHINE,REMOVE AND ASIDE SEALED ITEM ENDS-WITH ASIDE SEALED ITEM CONDITIONS-DOES NOT INCLUDE MACHINE PROCESS TIME
DL	920	MAL	SPP-21	SPKIP08	527	ITEM,PACKAGE IN BLISTER PACKAGE STARTS-WITH REACH TO ITEM INCLUDES-ALL THE TIME NECESSARY TO GET THE ITEM,WALK FIVE PACES TO BLISTER MACHINE,FORM A BLISTER PACKAGE,REMOVE PACKAGE,RETURN TO WORK AREA OR CUTTING BOARD,CUT THE BLISTER-MULTI-COMPARTMENT PACKAGE WITH A CUTTING KNIFE ENDS-WITH CUTS COMPLETED CONDITIONS-DOES NOT INCLUDE MACHINE PROCESS TIME

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	SPP=4	SPKIP10	593	ITEM,PACKAGE IN OIL AND SEAL(MACHINE) STARTS=WITH REACH TO GET EMPTY CONTAINER INCLUDES=ALL THE TIME NECESSARY TO GET AN EMPTY CONTAINER AND ASIDE A FULL CONTAINER, PACKAGE ITEM IN PRESERVATIVE,PLACE AND SEAL LID WITH MACHINE ENDS=WITH ASIDE SEALED CONTAINER CONDITIONS=DOES NOT INCLUDE TIME TO FILL CONTAINER WITH OIL
DL	920	MAL	SPP=23	SPKIP11	12986	ITEM,PACKAGE IN REUSABLE METAL CONTAINER STARTS=WITH ATTACH HOIST TO LID INCLUDES=ALL THE TIME NECESSARY TO REMOVE LID WITH A HOIST,INSERT BRACES IN METAL CONTAINER, PLACE ITEM IN CONTAINER WITH HOIST,REPLACE LID ON CONTAINER WITH HOIST AND CLOSE REUSABLE METAL CONTAINER,EXHAUST AIR ENDS=WITH CONTAINER CLOSED AND AIR EXHAUSTED CONDITIONS=DOES NOT INCLUDE TIGHTENING NUTS TO SEAL CONTAINER
DL	920	MAL	SPP=10	SPKISXX	VARIABLE	ITEM,SEAL IN HEAT SEALED BAG STARTS=WITH A REACH TO THE BARRIER MATERIAL INCLUDES=ALL THE TIME NECESSARY TO WRAP THE ITEM IN BARRIER MATERIAL,WRAP IN WADDING AND PLACE IN HEAT SEAL BAG,EXHAUST THE AIR FROM THE BAG AND HEAT SEAL ENDS=WITH SEALED BAG PLACED ASIDE 2368 CASE 01 HAND SEALER 2240 02 MACHINE SEALED
DL	920	MAL	SPP=14	SPKIS03	1956	ITEM,SEAL IN HEAT SEALED BAG WITH FIBERBOARD SUPPORT STARTS=WITH A REACH TO OBTAIN FIBERBOARD SUPPORT INCLUDES=ALL THE TIME NECESSARY TO GET AND PLACE AN ITEM ON A FIBERBOARD SUPPORT,WRAP ITEM IN BARRIER MATERIAL AND WADDING,PLACE WRAPPED ITEM IN HEAT SEAL BAG,SEAL BY MACHINE ENDS=WITH SEALED BAG ASIDE
DL	920	MAL	EMAA	SPKMA01	3357	MATERIAL,ATTACH TO SKID STARTS=WITH A STOOP TO PICK UP SKID INCLUDES=ALL THE TIME NECESSARY TO OBTAIN AND PLACE SKID,OBTAIN A PRY BAR AND PRY MATERIAL INTO PLACE ON THE SKID,OBTAIN BOLTS,NUTS AND WASHERS AND ALIGN AND INSTALL BOLTS AND AFFIX NUTS. ALSO INCLUDES TIME TO WALK AROUND SKID AND BETWEEN BOLTS ENDS=WHEN NUTS ARE TIGHTENED ON BOLTS AND WRENCH IS LAYED ASIDE AFTER LAST NUT IS TIGHT CONDITIONS=MATERIAL IS ATTACHED WITH FOUR BOLTS
DL	920	MAL	EMFB	SPKPF01	318	PACKAGE(BLISTER OR SKIN),FORM STARTS=WITH A REACH TO OBTAIN ITEM TO PACKAGE INCLUDES=ALL THE TIME NECESSARY TO GET AND ASIDE THE ITEM,THE BACKING MATERIAL AND THE PLASTIC MATERIAL,FORM THE BLISTER OR SKIN PACK AND REMOVE THE SEALED ITEM ENDS=WHEN THE SEALED PACK IS REMOVED FROM THE MACHINE AND PLACED ASIDE CONDITIONS=DOES NOT INLCUDE MACHINE PROCESS TIME

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
OFF	920	MAA	DLNS	SPKPIXX	TABLE	PART,INSERT IN CARTON AND SEAL STARTS=WITH STOOP TO GET CARTON(CARDBOARD) INCLUDES=ALL THE MOTIONS NECESSARY TO GET A CARDBOARD CARTON FROM UNDER WORK BENCH,PLACE CARTON IN POSITION TO PACK,OPEN FLAPS,INSERT PART IN CARTON,CLOSE AND SEAL FLAPS WITH TAPE ENDS=WITH CARTON SEALED CONDITIONS=PART WEIGHS 2.5 POUNDS OR LESS

SIZE OF CARTON (INCHES)		SOURCE OF TAPE DISPENSER TYPE HANDLE A	DIAL B	BUTTON C	ROLL (HAND) D
MEDIUM(12X12X12)	A	440	436	431	514
SMALL(8X8X8)	B	420	417	411	514

DL	920	MAL	SP=13	SPKPMXX	VARIABLE	PACK(INTERMEDIATE),MAKE WITH PAPER BAG STARTS=WITH REACH TO GET PAPER BAG INCLUDES=ALL THE TIME NECESSARY TO OBTAIN A PAPER BAG,OPEN BAG,INSERT MATERIAL,CLOSE BAG, PULL COPY OF DOCUMENT,FOLD COPY,STAPLE COPY TO BAG,ASIDE BAG,DOCUMENT AND STAPLER ENDS=WITH ASIDE STAPLED BAG
					671	CASE 01 COMPLETE PACK WITH ONE ITEM INSERTED
					76	02 ADD FOR EACH ADDITIONAL ITEM
DL	920	MAL	SPP3/15	SPKPPXX	TABLE	PACKAGE(METHOD II),PREPARE(INSERT DESICCANT WITH OR WITHOUT HUMIDITY INDICATOR;LABEL) STARTS=WITH A TURN TO GET DESICCANT OR TO GET DESICCANT AND INDICATOR INCLUDES=ALL THE TIME NECESSARY TO INSERT DESICCANT OR DESICCANT AND INDICATOR INTO A PACKAGE PRIOR TO SEALING AND APPLY A METHOD II LABEL AFTER SEALING AND PACKING THE CONTAINER. LABEL IS APPLIED USING GLUE OR SPONGE OR A MOISTENER ENDS=WHEN LABEL IS APPLIED AND APPLICATION IMPLEMENT IS LAYED ASIDE CONDITIONS=TIME IS NOT INCLUDED TO PACK AND SEAL THE PACKAGE=GLUE,SPONGE OR MOISTENER ARE AT WORK STATION

PACKAGE WITH DESICCANT AND INDICATOR

METHOD OF ATTACHING		NUMBER OF LABELS APPLIED 1 A	2 B	3 C	4 D	5 E	6 F
GLUE	A	994	1392	1790	2188	2586	2884
SPONGE	B	749	902	1055	1208	1355	1518
MOISTENER	C	735	874	1013	1152	1291	1430

PACKAGE WITH DESICCANT ONLY

		G	H	J	K	L	M
GLUE	A	696	1094	1492	1890	2298	2696
SPONGE	B	451	604	757	910	1063	1216
MOISTENER	C	437	576	715	854	993	1132

FFD	920	MAA	GEDMCBB	SPKPP01	202	PART,PACK IN BAG AND BOX STARTS=WITH REACH TO GET BAG INCLUDES=ALL THE MOTIONS NECESSARY TO GET AND OPEN BAG,GET PART AND PLACE IN BAG,FOLD TOP OF BAG OVER,PLACE BAGGED PART IN BOX ENDS=WITH BAGGED PART IN BOX CONDITIONS=APPLIES TO ANY SIZE PART THAT CAN BE CONTROLLED WITH ONE HAND=TO 10 POUNDS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFD	920	MAA	GEAINA7	SPKPR01	474	PART(IN OIL),REMOVE FROM CAN
					414	PART,REMOVE FROM PAPER AND PLASTIC BAG STARTS-WITH REACH TO GET PAPER BAG STARTS-WITH REACH TO GET CAN INCLUDES-ALL THE MOTIONS NECESSARY TO GET CAN, INCLUDES-ALL THE MOTIONS NECESSARY TO GET PAPER BAG,TEAR TO OPEN,REMOVE PLASTIC BAG,PICK MOVE AND POSITION IN CAN OPENER,TURN CRANK TO OPEN CAN,RAISE CUTTER AND RELEASE CAN FROM UP SCISSORS AND CUT OPEN PLASTIC BAG,SPREAD OPEN BAG AND EMPTY BAG,ASIDE BAG AND SCISSORS OPENER,MOVE CAN FROM OPENER AND EMPTY OIL, ASIDE LID,GRASP PART AND REMOVE FROM CAN,ASIDE CAN TO TRASH,GET AND PLACE PAPER TOWEL ON WORK BENCH,GRASP,REMOVE AND ASIDE METAL STRIP ON PART ENDS-WITH ASIDE METAL STRIP TO TRASH ENDS-WITH PART(S)EMPTIED FROM BAG AND BAG ASIDE CONDITIONS-APPLICABLE TO ALL ENVELOPES OR BAGS CONDITIONS-VERY SMALL PART 1 TO 5 INCHES WIDE MADE OF PAPER,PLASTIC OR FOIL LINED
DL	920	MAL	STC-14	SPKPSX1	CON/VAR	PALLET LOAD/TRI-WALL CONTAINER,STENCIL/LABEL/STRAP STARTS-WITH REACH TO LABEL INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND ANNOTATE WEIGHT AND CUBE ON A LABEL,AFFIX LABEL TO CONTAINER/PALLET LOAD WITH BRUSH AND GLUE,OBLITERATE OLD MARKINGS WHEN REQUIRED,CUT AND APPLY STENCIL,STAMP MATERIAL TO PALLET ENDS-WITH PALLET LOAD/TRI-WALL CONTAINER STRAPPED
					398	CASE 1-1 CONSTANT TIME-ANNOTATE WEIGHT AND CUBE ON LABEL(920 MWRCA91),AFFIX LABEL(920 MIDLA01,MIDLA02)
					2873	2-1 CONSTANT TIME-PAINT OUT OLD MARKINGS (920 SPAMP01)-PER OCCURRENCE(PALLET OR CONTAINER)
					688	3-1 CONSTANT TIME-OPEN AND CLOSE PAINT CAN(PER OCCURRENCE)(920 MPKLP01-382 TMUS AND 920 MPKLC01-306 TMUS)
					2781	4-1 CONSTANT TIME-CUT STENCIL(920 STL SC11)PER COOURRENCE
					227	5-1 CONSTANT TIME-APPLY STENCIL(920 MID PS03 TIMES THE NUMBER OF APPLICATIONS PER UNIT
						A-1 VARIABLE TIME-CUT,POSITION AND STRAP PALLET LOAD/TRI-WALL CONTAINER(920 SPKSAXX)
FFE	920	MAA	GPKC001	SPKPU01	375	PART(SEALED IN CAN),UNPACK STARTS-WITH REACH TO GET SEALED CAN INCLUDES-ALL THE MOTIONS NECESSARY TO GET CAN, PLACE IN BENCH MOUNTED HAND CRANK CAN OPENER, TRASH,UNWRAP PART(WRAPPED IN PAPER FOIL),ASIDE FOIL TO TRASH,ASIDE PAPER ENDS-WITH PART AND FOIL ASIDE CONDITIONS-UP TO 6-INCH DIAMETER CAN

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	920	MAL	HXPBAXX	SPKSAXX	VARIABLE	STRAPPING,ASSEMBLE TO PALLET STARTS=WITH GET STRAPPING MATERIAL INCLUDES=ALL THE TIME NECESSARY TO GET AND PUT ON VERTICAL AND HORIZONTAL STRAPS,SEALS, BATTENS,FRAME,CORNER PROTECTORS,WIRE STAPLES AND GET THE TOOLS NEEDED TO APPLY ENDS=WITH DISPOSAL OF SCRAP CONDITIONS=USE HAND TOOLS AND PRE=CUT STRAPPING=ONE MAN OPERATION=FOR USE WHERE BATTEN AND STAPLES REQUIRED NOTE=MULTIPLY CASE TIME BY NUMBER OF STRAPS AND ACCESSORIES AS APPROPRIATE AND TOTAL FOR ALLOWED TIME TO STRAP A PALLETIZED UNIT LOAD
					2190	CASE 01 APPLY ONE VERTICAL STRAP
					1450	02 APPLY EACH ADDITIONAL VERTICAL STRAP
					1975	03 APPLY ONE HORIZONTAL STRAP
					1235	04 APPLY ADDITIONAL HORIZONTAL STRAP
					292	05 APPLY TOP FRAME
					712	06 APPLY END FRAMES(TWO)
					638	07 APPLY CORNER PROTECTORS=TWO PER STRAP
					318	08 APPLY TOP BATTEN(NO STAPLES)
					30	09 APPLY ADDITIONAL TOP BATTEN
					1171	10 APPLY VERTICAL BATTEN
					548	11 APPLY ADDITIONAL VERTICAL BATTEN
NO	920	MAL	BA5A	SPKSRXX	VARIABLE	STRAPPING AND CARDBUARD,REMOVE FROM PALLET LOAD STARTS=WITH GET STRAP CUTTER INCLUDES=ALL THE TIME NECESSARY TO CUT,FOLD AND ASIDE TO SCRAP CONTAINER THE FIRST STEEL STRAP,REMOVE CARDBOARD COVER,ASIDE COVER TO PALLET ENDS=WITH STRAPS AND COVER ASIDE
					1320	CASE 01 CUT AND ASIDE FIRST STRAP AND COVER
					235	02 CUT AND ASIDE EACH ADDITIONAL STRAP
NAA	920	MAL	JPPBUXX	KPKBPXX	VARIABLE	BAG(BARRIER),PACK OR UNPACK STARTS=WITH REACH TO SELECT BAG INCLUDES=ALL THE TIME NECESSARY TO SELECT THE DESIRED SIZE BAG,MOVE BAG TO WORK BENCH,GET SCISSORS,GET DUNNAGE,CUT DUNNAGE,ROLL PART IN DUNNAGE,PLACE ROLLED PART IN BAG,GET DESICCANT AND INDICATOR FROM CAN AND PLACE IN BAG,CLOSE BAG,EVACUATE AIR FROM BAG,SEAL BAG AND ASIDE ENDS=WITH ASIDE PACKED BAG
					7270	CASE 01 LARGE BAG=OVER 16 SQUARE FEET
					5090	02 MEDIUM BAG=FOUR TO 16 SQUARE FEET
					3630	03 SMALL BAG=TO FOUR SQUARE FEET

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	FAL	TEC-1	KPKMCX1	CON/VAR	MATERIAL,CONSOLIDATE ON PALLET-UNITS FOR IMPORT/EXPORT STARTS-WITH OPERATOR ON FLT,READY TO MOVE INCLUDES-ALL THE MOTIONS NECESSARY TO GET EMPTY PALLET,PLACE PALLET IN CONSOLIDATION AREA,MOVE MATERIAL FROM OTHER PALLETS TO CONSOLIDATION PALLET BY HAND,PROCESS DOCUMENTS AND RETURN EMPTY PALLET TO STORAGE ENDS-WITH EMPTY PALLETS RETURNED TO STORAGE CONDITIONS-DOES NOT INCLUDE FASTENING DOCUMENT TO PALLET OR MOUNTING AND DISMOUNTING FLT
					7308	CASE 1-1 CONSTANT TIME-WEIGH,MEASURE,CUBE CONTAINER(920 SPKCW02),PROCESS DOCUMENTS PER PACK(MULTI-LINE ITEMS PER PACK(920 SPKDP02) A-1 VARIABLE TIME-FLT GET EMPTY PALLET AND RETURN STACK(922 SEHPGX1) B-1 VARIABLE TIME-PROCESS DOCUMENTS PER LINE ITEM-MULTIPLE LINE ITEMS PER PACK(920 SPKDP05)-MULTIPLY BY NUMBER OF DOCUMENTS PER PALLET C-1 VARIABLE TIME-MOVE PACKAGES TO CONSOLIDATION PALLET(COMPUTE FOR WEIGHT AND DENSITY FROM ELEMENT 929 TOHPHXX) MULTIPLY BY NUMBER OF PIECES MOVED TO CONSOLIDATION PALLET D-1 VARIABLE TIME-ADD TO CASE 1-1 IF PALLET IS MOVED MORE THAN 50 FEET TO AND FROM SCALES(922 TEHFTXX)
DL	920	MAL	TEC-2	KPKMCX2	CON/VAR	MATERIAL,CONSOLIDATE AND STRAP ON PALLET-UNITS FOR EXPORT/IMPORT STARTS-WITH OPERATOR ON FORKLIFT TRUCK,READY TO MOVE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AN EMPTY PALLET WITH FLT AND PLACE IN CONSOLIDATION AREA,PLACE MATERIAL FROM OTHER PALLETS ON CONSOLIDATION PALLET,WEIGH,MEASURE AND CUBE PALLET LOAD,PROCESS DOCUMENTS,STENCIL,LABEL AND STRAP LOAD,RETURN STACK OF EMPTY PALLETS TO STORAGE ENDS-WITH STACK OF EMPTY PALLETS IN STORAGE CASE A-2 VARIABLE TIME-CONSOLIDATE MATERIAL ON CONSOLIDATION PALLET(920 KPKMCX1) B-2 VARIABLE TIME-STENCIL/LABEL/STRAP PALLET LOAD (920 SPKPSX1)
DL	920	MAL	TEC-7	KPKMCX3	CON/VAR	MATERIAL,CONSOLIDATE IN TRIPLE-WALL BOX-UNITS FOR EXPORT/IMPORT STARTS-WITH WALK TO FORKLIFT TRUCK INCLUDES-ALL THE MOTIONS NECESSARY TO OBTAIN TRI-WALL BOX,ASSEMBLE BOX TO PALLET,PLACE MATERIAL IN BOX,PROCESS DOCUMENTS,WEIGH,MEASURE AND CUBE BOX,STENCIL,LABEL AND STRAP BOX ENDS-WITH BOX STENCILED,LABELED AND STRAPPED CONDITIONS-TRI-WALL BOX IS NOT PLACED IN TILT FIXTURE FOR PACKING
					7308	CASE 1-3 CONSTANT TIME-WEIGH,MEASURE AND CURE TRI-WALL BOX(920 SPKCW02),PROCESS DOCUMENTS PER BOX-MULTIPLE LINE ITEMS PER BOX(920 SPKDP02) A-3 VARIABLE TIME-ASSEMBLE/COMPLETE TRI-WALL BOX(920 SPKBCX1) B-3 VARIABLE TIME-STENCIL,LABEL,CUBE TRI-WALL BOX(920 SPKPSX1) C-3 VARIABLE TIME-PROCESS DOCUMENTS PER LINE ITEM-MULTIPLE LINE ITEMS PER BOX (920 SPKDP05-1763 TIMES NUMBER OF DOCUMENTS(LINE ITEMS) PER BOX D-3 VARIABLE TIME-PACK TRI-WALL BOX(929 TOHPHXX-COMPUTE TIME PER ITEM FOR WEIGHT AND DENSITY AND MULTIPLY BY NUMBER OF ITEMS PER TRI-WALL BOX)

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	TEC=5	KPKMCX4	CON/VAR	MATERIAL,CONSOLIDATE(PACK)IN WOOD BOX-UNITS FOR EXPORT/IMPORT
						STARTS-WITH GET WOOD BOX AND LID FROM PALLET IN WORK AREA
						INCLUDES-ALL THE MOTIONS NECESSARY TO GET BOX AND PLACE ON PACKING LINE,INSERT MATERIAL INTO BOX,COMPLETE DOCUMENTATION,WEIGH,MEASURE CUBE CONTAINER,STENCIL,STRAP AND LABEL BOX,NAIL ON LID,ASIDE PACKED BOX TO PALLET
						ENDS-WITH PACKED BOX ON PALLET
					1867	CASE 1=4 CONSTANT TIME-SMALL BOX-PREPARE AND COMPLETE(WITH CUSHIONING TOP AND BOTTOM(920MPKLN01 AND 920 MPKCA07
					3242	2=4 CONSTANT TIME-MEDIUM BOX-PREPARE AND COMPLETE WITH CUSHIONING TOP AND BOTTOM(920 MPKLN02 AND 920 MPKCA08)
					4467	3=4 CONSTANT TIME-LARGE BOX-PREPARE AND COMPLETE WITH CUSHIONING TOP AND BOTTOM(920 MPKLN03 AND 920 MPKCA09)
					8703	4=4 CONSTANT TIME-STENCIL/LABEL/STRAP BOX-ON LINE-APPLY 3 STENCILS OF 4 LINES EACH,CUT STENCIL 1 TIME PER 10 APPLICATIONS,STRAP WITH 2 STRAPS(920 SPKCS02),PROCESS DOCUMENTS PER BOX-MULTIPLE LINE ITEMS PER BOX(920 SPK DP02)
						A=4 VARIABLE TIME-PROCESS DOCUMENTS PER LINE ITEM-MULTIPLE LINE ITEMS PER BOX (920 SPKDP05=1763 TMUS TIMES NUMBER OF DOCUMENTS(LINE ITEMS)PER BOX
						8=4 VARIABLE TIME-PLACE PIECES INTO BOX (920 TPKIIXX)
						C=4 VARIABLE TIME-ASIDE PACKED BOX(920 TOH8OXX AND 920 TOH8PXX

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	FAL	SL-2	KPKPBX1	CON/VAR	PALLET(463L),BUILD UP AND POSITION FOR MOVEMENT STARTS-WITH GET PRE-MANIFEST OR TALLY SHEET INCLUDES-ALL THE MOTIONS NECESSARY TO GET PRE-MANIFEST OR TALLY SHEET,GET 10K LOADER,GET TRAILER AND PLACE AT PIT,GET 463L PALLET, PLASTIC BAG AND CARGO NETS,TRANSPORT TO BUILD UP PIT,CHECK CARGO AGAINST PRE-MANIFEST,MOVE CONVEYORIZED CARGO FROM HOLD LINE TO PIT LOOP AND CYCLE,GET CLASSIFIED CARGO FROM SECURITY CAGE,GET BULK AND/OR SPECIAL HANDLED CARGO, LOWER AND RAISE PALLET PIT PLATFORM,PALLETIZE BULK CARGO AND CARGO FROM CONVEYOR,CHECK PALLET CONFIGURATION WITH TEMPLATE,PLACE BAG OVER CARGO,POSITION AND SECURE CARGO NET ON PALLET OF CARGO,WEIGH PALLET LOAD,RECORD WEIGHT AND ATTACH PAPERWORK TO PALLET OF CARGO AND MOVE PALLET TO TRANSFER DOCK,MOVE PALLET ON TRAILER TO TRAILER TRAIN ASSEMBLY AREA ENDS-WITH PALLET ON TRANSFER DOCK OR IN TRAILER ASSEMBLY AREA
					27308	CASE 1-1 CONSTANT TIME-GET 463L PALLET,PLASTIC BAG AND CARGO NET(922 MEHP001),CYCLE CARGO WITH PIT LOOP(921 MMHCC01), LOWER AND RAISE PALLET PIT PLATFORM (929 MMTPL01),CHECK PALLET CONFIGURATION(920 MGMCP01),PLACE PLASTIC BAG ON PALLET(920 MPKBF01),WEIGH AND RECORD PALLET OF CARGO WEIGHT,ATTACH PAPERWORK TO PALLET(929 MGMPW01)
					14420	2-1 CONSTANT TIME-AFLC ONLY-POSITION AND SECURE CARGO NETS ON 463L PALLET(920 MPKNP01)
					20461	3-1 CONSTANT TIME-MAC ONLY-POSITION AND SECURE CARGO NETS ON 463L PALLET(920 MPKNP01)
					10536	4-1 CONSTANT TIME-MOVE PALLET OF CARGO ONTO TRANSFER DOCK(922 SEHPM01-PER OCCURRENCE)
						A-1 VARIABLE TIME-OBTAIN PRE-MANIFEST OR TALLY SHEET(U TGTOGEA,U 88MWU01,U 88M HC01)
						B-1 VARIABLE TIME-MAC ONLY-OBTAIN 10K PALLET TRAILER AND TRANSPORT TO PIT (922 SEHPOX2)
DL	920	MAL	SP-7	KPKPM01	1511	PACK(INTERMEDIATE-FIBERBOARD),MAKE STARTS-WITH DECISION TO SELECT PROPER SIZE CARTON INCLUDES-ALL THE TIME NECESSARY TO SELECT AND ASSEMBLE CARTON,CUSHION ITEMS TO BE PACKED,INSERT CUSHIONED ITEMS INTO CARTON,CLOSE AND SEAL CARTON ENDS-WITH CARTON CLOSED AND SEALED CONDITIONS-DOES NOT INCLUDE PLACING CARTON IN FINAL CONTAINER-FIVE ITEMS AVERAGING 2-1/2 POUNDS EACH PLACED IN CARTON(SEE ELEMENT 920 TPKIIXX FOR TIME FOR OTHER WEIGHTS AND QUANTITIES)-TAPE OBTAINED FROM PUSH BUTTON TYPE TAPE DISPENSER NOTE-ADD SIX TMUS PER CARTON IF TAPE FROM DIAL TYPE AND 10 TMUS PER CARTON IF TAPE OBTAINED FROM A HANDLE TYPE DISPENSER

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	TEC=4	KPKPSX1	CON/VAR	PALLET LOAD,SHROUD(SHEATH)STRAP AND MARK STARTS-WITH REACH TO GET DOCUMENTS ON PALLET LOAD INCLUDES-ALL THE MOTIONS NECESSARY TO GET DOCUMENTS,GET,PLACE SHROUD OVER LOAD,STENCIL/LABEL AND STRAP LOAD,WEIGH,MEASURE,AND CUBE LOAD,PROCESS DOCUMENTS,AFFIX DOCUMENTS TO THE PALLET LOAD ENDS-WITH DOCUMENTS AFFIXED TO LOAD
					10360	CASE 1=1 CONSTANT TIME=OBTAIN AND POSITION SHROUD(SLEEVE AND CAP)ON LOAD(920 MPKPS01),PROCESS DOCUMENT=PER PACK (MULTIPLE LINE ITEMS PER PACK)(920 SPKDP02),INSERT DOCUMENTS INTO PLASTIC PROTECTOR(920 MPHDP03),AFFIX DOCUMENTS TO LOAD WITH 4 PIECES OF TAPE(920 MNFDT01 AND 920 MNFDT02 (3 TIMES),WEIGH,MEAUSRE AND CUBE LOAD (920 SPKCW03) A=1 VARIBALE TIME=STENCIL/LABEL/STRAP LOAD(920 SPKPSX1) B=1 VARIABLE TIME=PROCESS DOCUMENTS=PER LINE ITEM=MULTIPLE LINES PER PACK (920 SPKDP05=1763 TMUS TIMES NUMBER OF DOCUMENTS(LINES)PER PACK C=1 VARIABLE TIME=TRAVEL(FLT)TIME=ADD TO CASE 1=1 FOR DISTANCE OVER 50 FEET PALLET IS MOVED TO AND FROM SCALES (922 TEMFTXX)
DL	920	MAL	TP=1	JPKBPX1	2815	BAG(JIFFY),PACK=PARCEL POST STARTS-WITH REACH TO JIFFY BAG IN TOTE TRAY INCLUDES-ALL THE TIME NECESSARY TO GET THE JIFFY BAG,INSERT MATERIAL IN BAG,STAPLE BAG CLOSED,WEIGH AND LABEL BAG,ASIDE TO MAIL CRIB, PROCESS DOCUMENTS,GET AND ASIDE TOTE TRAY ENDS-WITH BAG ASIDE TO MAIL CRIB,DOCUMENTATION COMPLETE CONDITIONS-GET TOTE TRAY OF JIFFY BAGS AND ASIDE EMPTY ONE TIME FOR 10 BAGS PACKED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	TP-6C	JPKBPX3	VARIABLE	WOOD BOX,PACK OFF LINE

PART I-ELEMENTS

A MOVE MATERIAL TO PACKING AREA BY FORK-LIFT TRUCK
922 SEHPMX1

B GET WOOD BOX TO PACKING AREA BY FORK-LIFT TRUCK-PER BOX
922 SEHPMX1

C PREPARE/COMPLETE BOX-OFF LINE-PER BOX
920 SPKBP01

D PROCESS DOCUMENTS-WEIGH,MEASURE,CUBE-STRAP,STENCIL,LABEL PACK-PER PACK
920 SPKDP03-920 SPKCW02-920 SPKCS01

E MOVE COMPLETED PACK TO HOLD AREA BY FORKLIFT TRUCK
922 SEHPMX1

F DOCUMENT PROCESSING PER LINE-MULTI-LINE PACK
920 SPKDP05

G REPLENISH PACKING SUPPLIES-PER PACK-DEVELOP TIME FOR LOCAL PROCEDURE

H INSERT PIECES INTO WOOD BOX
929 TOHPHXX

PART II-FREQUENCIES/OCCURENCES

J LINES PER PACK

K PIECES PER PACK

PART III-NORMAL TIME

L PER WOOD BOX PACKED
A+B+C+D+E+G+F(J)+H(K)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

M ALLOWANCE FACTOR (AF)

PART V-STANDARD TIME

N PER WOOD BOX PACKED
L(M)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTOP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	TP=2	JPKCPX1	VARIABLE	CARTON(FIBERBOARD),PACK FOR PARCEL POST

PART I=ELEMENTS

A PREPARE FIBERBOARD CARTON FOR PACKING
920 SPKCCXX

B WEIGH,LABEL PARCEL POST CONTAINER
920 SPKCW01

C DOCUMENT PROCESSING PER PACK(MULTI=LINE PACKS)
920 SPKDP02

D PLACE PACKS IN MAIL CRIB
U MOHP002

E GET TOTE TRAY FROM LINE AND STOW
929 MOHTHXX

F PLACE PIECE(S) IN CARTON
920 TPKIIXX

G REPLENISH PACKING SUPPLIES=DETERMINE PER PACK TIME FOR LOCAL PROCEDURES

H DOCUMENT PROCESSING PER LINE ITEM (MULTI=LINE PACKS)
920 SPKDP05

PART II=FREQUENCIES/OCCURENCES

J TOTE TRAYS STOWED PER PACK COMPLETED

K LINE ITEMS PER PACK

PART III=NORMAL TIME

L NORMAL TIME PER PACK
A+B+C+D+(E)(J)+H(K)+F+G

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

M ALLOWANCE FACTOR (AF)

PART V=STANDARD TIME

N STANDARD TIME PER PACK COMPLETED
L(M)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	TP=3	JPKCPX2	VARIABLE	CARTON(FIBERBOARD),PACK ON LINE

PART I=ELEMENTS

A PREPARE/COMPLETE CARTON=ON LINE
920 SPKCCXX

B PROCESS DOCUMENTS=STENCIL/LABEL/STRAP PER CARTON=ON LINE
920 SPKDP03=920 SPKCS02

C FORKLIFT DELIVER MATERIAL TO LINE=PER DELIVERY
922 SEHPMX1

D FORKLIFT DELIVER PACKED CARTONS TO HOLD AREA=PER PALLET
922 SEHPMX1

E DOCUMENT PROCESSING PER LINE ITEM(MULTI LINE PACK)
920 SPKDP05

F INSERT PIECES IN CARTON=PER PIECE
929 TOHPHXX

G PLACE FINAL PACK ON PALLET=PER PACK
929 TOHPHXX

H REPLENISH PACKING SUPPLIES=PER FINAL PACK=DEVELOP TIME FOR LOCAL PROCEDURES

PART II=FREQUENCIES/OCCURENCES

J LINE ITEMS PER FINAL PACK

K PIECES PER PACK

L PACKS PER PALLET TO PACKING HOLD AREA

M PIECES PER DELIVERY TO PACKING HOLD AREA

PART III=NORMAL TIME

N PER PACK(CARTON) COMPLETED
A+B+C(M/K)+D(L)+E(J)+F(K)+G+H

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

P ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

Q PER RACK COMPLETED
N(P)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

AF	920	MAL	BASH001	BTLSS01	125	STRAPPING,STAPLE WITH HAMMER STARTS=WITH POSITIONING STAPLE AND HAMMER TO STAPLE INCLUDES=ALL THE TIME NECESSARY TO DRIVE FOUR STAPLES AROUND STRAPPING ENDS=WITH THE FINAL HAMMER STRIKE TO STAPLE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	920	MAL	BXAH001	MTLBA01	655	BOXES,ALIGN TO PALLET WITH RUBBER HAMMER STARTS-WITH WALK AROUND PALLET INCLUDES-ALL THE TIME NECESSARY TO WALK AROUND A PALLET WHILE INSPECTING AND STRAIGHTENING BOXES WITH A RUBBER HAMMER ENDS-WITH POUND ON BOX WITH RUBBER HAMMER
DL	920	MAL	EMTT	MTLCA01	2904	CRATE(ASSEMBLED),ATTACH TO SKID WITH LAG BOLTS STARTS-WITH REACH TO GET LAG BOLTS INCLUDES-ALL THE TIME NECESSARY TO ATTACH THE ASSEMBLED CRATE TO A SKID WITH LAG BOLTS ENDS-WHEN WRENCH IS LAYED ASIDE AFTER LAST LAG BOLT HAS BEEN INSTALLED CONDITIONS-EIGHT LAG BOLTS ARE INSTALLED DOES NOT INCLUDE DRILLING TIME
DL	920	MAL	BMCC	MTLCC01	131	CORD,CUT WITH SCISSORS STARTS-WITH A REACH TO GET SCISSORS INCLUDES-ALL THE TIME NECESSARY TO GET AND ASIDE SCISSORS,MOVE THE SCISSORS TO THE CORD AND CUT ENDS-WITH CORD CUT AND SCISSORS ASIDE
DL	920	MAL	BMSO	MTLOS01	221	OPENING(CORD-STRIPPABLE COMPOUND),SEAL STARTS-WITH A REACH TO GET SCISSORS INCLUDES-ALL THE TIME NECESSARY TO GET SCISSORS,CUT CORD,GET AND SEAL CORD OPENING WITH HOT IRON AND LAY ASIDE THE SCISSORS AND HOT IRON ENDS-WHEN HOT IRON IS PLACED ASIDE
NAA	920	MAL	SPPPMXX	MTLPCXX	VARIABLE	PAPER(PACKING),CUT WITH SHEARS STARTS-WITH STEP TO PAPER INCLUDES-ALL THE TIME NECESSARY TO GET SHEARS, PULL FROM ROLL,MAKE 12 INCH CUT WITH SHEARS, ASIDE TOOL AND MATERIAL ENDS-WITH ASIDE CUT PIECE 398 CASE 01 FIRST 12 INCH CUT-FIRST PIECE 92 02 CUT EACH ADDITIONAL PIECE-12 INCH CUT
DL	920	MAL	EESP	MTLPS01	209	PACKAGE(BLISTER),SEPARATE FROM MULTI-COMPARTMENT UNITS STARTS-WITH A REACH TO OBTAIN THE BLISTER PACKAGE INCLUDES-ALL THE TIME NECESSARY TO REMOVE THE PACK FROM THE PACKAGING MACHINE,CUT THE MULTI-COMPARTMENT PACK WITH A CUTTING KNIFE AND PLACE THE CUT UNITS ASIDE ENDS-WHEN THE CUT UNITS HAVE BEEN PLACED ASIDE
NS	920	MAL	PP4A5AB	MTLSA01	104	STRAPPER/BANDER(MANUAL),ATTACH TO STRAP STARTS-WITH STRAPPER IN HAND INCLUDES-ALL THE TIME NECESSARY TO MOVE THE TOOL TO THE STRAP AND ATTACH TOOL TO BOTH UPPER AND LOWER STRAP ENDS-WITH STRAPPER ON TOOL READY TO TIGHTEN STRAP
DL	920	MAL	ETBI	MTLSB01	1327	BUNDLE,STRAP STARTS-WITH A REACH TO LOOSE END OF STRAP INCLUDES-ALL THE TIME NECESSARY TO OBTAIN DESIRED LENGTH OF STRAPPING,TIGHTEN,CRIMP AND CUT STRAPPING ENDS-WHEN STRAPPING TOOL IS LAYED ASIDE CONDITIONS-TIME IS TO PLACE ONE STRAP ON A BUNDLE OF MATERIAL

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NS	920	MAL	PP481	MTLSCXX	VARIABLE	STRAP,CUT AND ASIDE STARTS-WITH REACH TO STRAP CUTTER INCLUDES-ALL THE TIME NECESSARY TO GET CUTTERS,POSITION ON STRAP,CUT STRAP,ASIDE CUTTERS AND STRAP ENDS-WITH ASIDE STRAP AND CUTTER
					263	CASE 01 CUT FIRST STRAP-SMALL CONTAINER
					209	02 CUT EACH ADDITIONAL STRAP-SMALL CONTAINER
					282	03 CUT FIRST STRAP-LARGE CONTAINER
					228	04 CUT EACH ADDITIONAL STRAP-LARGE CONTAINER
NS	920	MAL	PP48XX	MTLSC05	137	STRAP,CUT STARTS-WITH REACH TO OBTAIN CUTTERS INCLUDES-ALL THE TIME NECESSARY TO GET AND MOVE THE CUTTERS TO THE STRAP;MOVE HANDLES TOGETHER TO CUT STRAP,ASIDE CUTTERS ENDS-WITH ASIDE CUTTERS
NS	920	MAL	PP4A1A	MTLSC06	147	SEAL,CRIMP TO STRAPPING STARTS-WITH REACH TO CRIMPER INCLUDES-ALL THE TIME REQUIRED TO GET CRIMPER, POSITION TO CLIP ON BAND,CRIMP THE CLIP,AND ASIDE CRIMPER ENDS-WITH RELEASE OF CRIMPER
DL	920	MAL	EMIS	MTLSI01	8051	SUPPORT,INSTALL IN PACKING CONTAINER STARTS-WITH A REACH TO GET THE LUMBER INCLUDES-ALL THE TIME NECESSARY TO OBTAIN, POSITION AND NAIL LUMBER AS A SUPPORT WITHIN A PACKING CONTAINER ENDS-WHEN HAMMER IS PLACED ASIDE AFTER DRIVING THE LAST NAIL CONDITIONS-SIX NAILS ARE USED-LUMBER IS TWO INCH STOCK-FOUR PIECES OF LUMBER ARE USED
AF	920	MAL	BATT001	MTLSTXX	VARIABLE	STRAPPING,TIGHTEN,WITH POWER TIGHTENER STARTS-WITH A SIDESTEP TO TIGHTENER INCLUDES-ALL THE TIME NECESSARY TO TIGHTEN ONE 1 1/4 INCH STRAP ON A PALLET WITH A PORTABLE POWER TIGHTENER AND BREAK OFF EXCESS STRAP ENDS-WITH EXCESS STRAP ASIDE
					184	CASE 01 STRAP TIGHTEN,MANUAL MOTIONS
					267	02 STRAP TIGHTEN,MACHINE TIME INCLUDED
NS	920	MAL	PP4A1C	MTLST03	1137	STRAPPING,TIGHTEN STARTS-WITH A REACH TO OBTAIN STRAPPING TOOL INCLUDES-ALL THE TIME NECESSARY TO TIGHTEN THE STRAP,APPLY AND CRIMP A SEAL,CUT THE STRAP AND RELEASE THE TOOL ENDS-WHEN THE STRAPPING TOOL IS RELEASED AFTER CUTTING THE STRAP
NS	920	MAL	PP4A12B	MTLST04	578	STRAPPING,TIGHTEN WITH MANUAL TIGHTENER STARTS-WITH REACH TO GET TIGHTENER INCLUDES-ALL THE TIME NECESSARY TO GET AND ATTACH TIGHTENER TO STRAP,TIGHTEN STRAP,REMOVE AND ASIDE TIGHTENER ENDS-WITH TIGHTENER ASIDE
DL	920	MAL	BETB	MTLST05	931	STRAPPING,TIGHTEN AROUND CONTAINER STARTS-WITH A TURN TO REACH THE STRAPPING TOOL INCLUDES-ALL THE TIME NECESSARY TO TIGHTEN ONE (1) METAL STRAP AROUND A MATERIAL CONTAINER, GETTING THE STRAPPING TOOL FROM CART, POSITIONING THE STRAP INTO THE TOOL,TIGHTEN THE STRAP,RELEASE THE STRAP FROM THE TOOL, BREAK END OF STRAP ENDS-WITH END OF STRAPPING RELEASED

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NS	920	MAL	PP4A1C	MTLTR01	129	TIGHTENER(STRAPPING-MANUAL),REMOVE STARTS-WITH REACH TO TIGHTENER HANDLE INCLUDES-ALL THE TIME NECESSARY TO REMOVE A MANUAL TIGHTENER FROM STRAPPING AND ASIDE THE TIGHTENER ENDS-WITH RELEASE OF TIGHTENER ASIDE
DL	920	MAL	BMCT	MTLWC01	268	WRAP OR CUSHIONING,CUT AT TABLE STARTS-WITH A REACH TO ROLL OF MATERIAL INCLUDES-ALL THE TIME NECESSARY TO PULL THE REQUIRED MATERIAL(OVERWRAP,BARRIER MATERIAL, OR CUSHIONING)FROM A ROLL ONTO THE WORK TABLE, MEASURE THE REQUIRED LENGTH AND CUT THE MATERIAL,REPLACE THE CUTTER ON THE TABLE ENDS-WHEN THE CUTTER HAS BEEN REPLACED ON THE TABLE
DL	920	MAL	BMSH	STLBSXX	VARIABLE	BARRIER,SEAL(HEAT) STARTS-WITH A REACH TO OBTAIN THE ITEM TO BE SEALED INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND SEAL A BARRIER USING A HAND SEALER ENDS-WITH SEAL COMPLETE
					293	CASE 01 SMALL 8X8X8 INCHES,HAND SEALER
					360	02 MEDIUM 12X12X12 INCHES,HAND SEALER
					560	03 LARGE 24X24X24 INCHES,HAND SEALER
					229	04 SMALL 8X8X8 INCHES,MACHINE SEAL
					296	05 MEDIUM 12X12X12 INCHES,MACHINE SEAL
					497	06 LARGE 24X24X24 INCHES,MACHINE SEAL

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	BECS	STLSCXX	VARIABLE	STENCIL,CUT WITH MANUAL OR ELECTRIC CUTTER STARTS=WITH A REACH TO GET STENCIL BLANK INCLUDES=ALL THE TIME NECESSARY TO OBTAIN STENCIL BLANK,INSERT AND LOCK BLANK IN MACHINE,REPOSITION AND LOCK BLANK FOR EACH ADDITIONAL LINE CUT,CUT DESIRED NUMBER OF CHARACTERS,SPACE WITHOUT CUTTING WHEN REQUIRED,UNLOCK AND REMOVE COMPLETED STENCIL ENDS=WHEN COMPLETED STENCIL IS REMOVED FROM MACHINE ADDRESS STENCIL=CUT FIRST LINE AND THREE ADDITIONAL LINES=CUT 49 CHARACTERS=SPACE FIVE TIMES WITHOUT CUTTING
					2671	CASE 01 ADDRESS STENCIL=ELECTRIC CUTTER
					3471	02 ADDRESS STENCIL=MANUAL CUTTER
						STOCK NUMBER STENCIL=CUT ONE LINE=CUT THREE CHARACTERS
					741	03 STOCK NUMBER STENCIL=ELECTRIC CUTTER
					941	04 STOCK NUMBER STENCIL=MANUAL CUTTER
						QUANTITY,WEIGHT AND CUBE STENCIL=CUT ONE LINE=CUT 13 CHARACTERS=SPACE SEVEN TIMES WITHOUT CUTTING
					860	05 QUANTITY,WEIGHT AND CUBE STENCIL=ELECTRIC CUTTER
					1123	06 QUANTITY,WEIGHT AND CUBE STENCIL=MANUAL CUTTER
						PORT DESCRIPTION,PRIORITY,RDD,POD AND KEY DOCUMENT NUMBER STENCIL=CUT FIRST LINE AND ONE ADDITIONAL LINE=CUT 31 CHARACTERS=SPACE NINE TIMES WITHOUT CUTTING
					1773	07 PORT DESCRIPTION,ETC.STENCIL=ELECTRIC CUTTER
					2237	08 PORT DESCRIPTION,ETC.STENCIL=MANUAL CUTTER
						ASSORTED ITEM,PACKING LIST STENCIL=CUT FIRST LINE AND ONE ADDITIONAL LINE=CUT 82 CHARACTERS=SPACE THREE TIMES WITHOUT CUTTING
					1715	09 ASSORTED ITEM,PACKING LIST STENCIL=ELECTRIC CUTTER
					2227	10 ASSORTED ITEM,PACKING LIST STENCIL=MANUAL CUTTER
DL	920	MAL	ECSO	STLSC11	2781	STENCIL(ADDRESS AND IDENTIFICATION),CUT FOR OVERSEAS PACK WITH MANUAL CUTTER STARTS=WITH A REACH FOR THE STENCIL BLANK INCLUDES=ALL THE TIME NECESSARY TO CUT AN ADDRESS STENCIL;A QUANTITY,WEIGHT AND CUBE STENCIL;A PORT DESCRIPTION,PRIORITY,RDD,POD AND KEY DOCUMENT NUMBER STENCIL;A STOCK NUMBER STENCIL AND AN IDENTIFICATION STENCIL ENDS=WHEN THE LAST STENCIL HAS BEEN CUT AND REMOVED FROM THE CUTTING MACHINE CONDITIONS=ADDRESS,STOCK NUMBER AND IDEN. STENCILS CUT ONE TIME FOR EVERY 33 1/3 PACKS (.03 OCC.)=QUANTITY,WEIGHT AND CUBE,PORT DESCRIPTION STENCILS CUT ONE TIME PER PACK

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	920	MAL	EESA	STLSC12	16890	STENCIL,CUT FOR AMMUNITION PACK WITH ELECTRIC CUTTER STARTS-WITH A REACH FOR A STENCIL CARD INCLUDES-ALL THE TIME NECESSARY TO OBTAIN STENCIL CARDS,CUT SINGLE OR MULTIPLE STENCILS QUANTITY,WEIGHT AND CUBE;ADDRESS;STOCK NUMBER; PORT DESCRIPTION,PRIORITY,ROD,POD AND KEY DOCUMENT NUMBER;ICC;LOT NUMBER TWO TIMES; NOMENCLATURE;DOD NUMBER ENDS-AFTER ASIDE OF STENCILS AT MARKING WORK AREA
NO	920	MAL	HXP8XXX	STLSRXX	VARIABLE	STRAP(S),REMOVE(CUT AND ASIDE) FROM PALLET STARTS-WITH OBTAIN CUTTERS INCLUDES-ALL THE TIME NECESSARY TO GET CUTTERS AND CUT STRAP,REMOVE STRAPS AND ASIDE CUTTER ENDS-WITH STRAPS REMOVED
					135	CASE 01 GET AND ASIDE CUTTERS
					120	02 CUT FIRST STRAP
					139	03 CUT EACH ADDITIONAL STRAP
					182	04 REMOVE EACH STRAP FROM PALLET
NAA	920	MAL	SPPPM01	MTPMCXX	VARIABLE	MATERIAL(CUSHIONING),CUT WITH POWER CUTTER STARTS-WITH REACH FOR MATERIAL INCLUDES-ALL THE TIME NECESSARY TO GET THE CUSHIONING MATERIAL TO AND PLACE IN POSITION FOR CUTTING,GET CUTTING TOOL,CUT MATERIAL, ASIDE CUTTER AND CUT PIECE,ASIDE SCRAP TO CART ENDS-WITH ASIDE SCRAP TO CART CONDITIONS-WALK ONE PACE EACH WAY TO CART TO ASIDE SCRAP-FIRST CUT IS 12 INCHES-EACH ADDITIONAL CUT IS 12 INCHES
					694	CASE 01 FIRST CUT
					59	02 EACH ADDITIONAL CUT
DL	920	MAL	ECWI	MWRCA01	116	CARTON/DOCUMENT,ANNOTATE WITH WEIGHT AND CUBE STARTS-WITH SCAN TO LOCATE WRITING POINT INCLUDES-ALL THE TIME NECESSARY TO WRITE THE WEIGHT AND CUBE OF AN OBJECT ON A CARTON,LABEL OR DOCUMENT ENDS-WITH COMPLETION OF LAST NUMBER CONDITIONS-ONE DIGIT FOR CUBE,TWO DIGITS FOR WEIGHT
NO	921	TAL	HEOBEXX	MEHBMXX	VARIABLE	BOOMLIFT,MOVE STARTS-WITH REACH TO CONTROLS INCLUDES-ALL THE TIME NECESSARY TO ACTUATE THE CONTROL TO START AND STOP THE BOOMLIFT AND INCLUDES TRAVEL TIME FOR THE BOOMLIFT AFTER MOVEMENT IS STARTED ENDS-WITH COMPLETION OF DESIRED OPERATION OR TRAVEL CONDITIONS-BOOMLIFT HAS 2000 POUND CAPACITY
					39	CASE 01 ACTUATE CONTROLS TO START FORWARD OR REVERSE TRAVEL
					70	02 ACCLELRATE FIRST 10 FEET-EMPTY
					90	03 ACCELERATE FRIST 10 FEET W/2000 POUND LOAD
					50	04 TRAVEL ADDITIONAL 10 FEET,FAST SPEED NO LOAD
					60	05 TRAVEL ADDITIONAL 10 FEET,FAST SPEED W/2000 POUND LOAD
					90	06 TRAVEL ADDITIONAL 10 FEET,SLOW SPEED W/2000 POUND LOAD

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	921	MAL	HE0BEXX	MEHBOXX	VARIABLE	BOOMLIFT(ELECTRIC),OPERATE BOOM STARTS-WITH REACH TO CONTROLS INCLUDES-ALL THE TIME NECESSARY TO GRASP AND ACTUATE CONTROLS TO START AND STOP BOOM MOVEMENT AND ALSO INCLUDES TIME FOR THE BOOM TO RAISE OR LOWER ENDS-WITH RELEASE OF CONTROLS CONDITIONS-BOOMLIFT HAS 2000 POUND CAPACITY
					43	CASE 01 ACTUATE CONTROLS TO MOVE BOOM
					25	02 RAISE BOOM,SIX INCHES EMPTY
					32	03 RAISE BOOM,SIX INCHES W/2000 POUND LOAD
					22	04 LOWER BOOM,SIX INCHES EMPTY
					16	05 LOWER BOOM,SIX INCHES W/2000 POUND LOAD
NAA	921	MAL	OMHHPXX	MEHHOXX	VARIABLE	HOIST(POWER,AIR OR ELECTRIC),OPERATE STARTS-WITH REACH TO CONTROLS INCLUDES-ALL THE TIME NECESSARY TO RAISE,LOWER OR MANUALLY MOVE WEIGHT ALONG A MONORAIL ENDS-WITH CESSATION OF MOTION CONDITION-APPLIES TO AN UNOBSTRUCTED AREA WHERE MOVE IS CONTINUOUS
					120	CASE 01 RAISE OR LOWER-1/2 TON CAPACITY HOIST-ONE FOOT TO AN APPROXIMATE LOCATION
					140	02 RAISE OR LOWER-1/2 TO FIVE TON CAPACITY HOIST-ONE FOOT TO AN APPROXIMATE LOCATION
					180	03 RAISE OR LOWER-1/2 TON CAPACITY HOIST ONE FOOT TO AN EXACT LOCATION
					200	04 RAISE OR LOWER-1/2 TO FIVE TON CAPACITY HOIST ONE FOOT TO EXACT LOCATION
					70	05 RAISE OR LOWER-1/2 TON CAPACITY HOIST ONE ADDITIONAL FOOT(BEGINS AND ENDS WITH WEIGHT IN MOTION)
					90	06 RAISE OR LOWER-1/2 TO FIVE TON CAPACITY HOIST-ONE ADDITIONAL FOOT (BEGINS AND ENDS WITH WEIGHT IN MOTION)

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	921	MAL	FHHCWXX	MEHSAXX	VARIABLE	SLING,ATTACH TO LOAD STARTS=WITH REACH TO HITCHING DEVICE INCLUDES=ALL THE TIME NECESSARY TO ATTACH AND REMOVE A SINGLE OR DOUBLE SLING(S) OR HOOK(S) TO AND FROM A LOAD ENDS=WITH COMPLETE FREEING OF SLING(S) OR HOOKS(S) FROM THE LOAD CONDITIONS=DOES NOT INCLUDE MOVEMENT OF HOIST INTO POSITION TO ATTACH TO LOAD OR MOVEMENT OF LOAD AFTER ATTACHING
						CHAIN WRAP SLING
					430	CASE 01 SINGLE SLING=WAIST LEVEL
					515	02 SINGLE SLING=FLOOR LEVEL
					772	03 DOUBLE SLING=WAIST LEVEL=3 FT.APART
					832	04 DOUBLE SLING=WAIST LEVEL=7 FT.APART
					892	05 DOUBLE SLING=WAIST LEVEL=10 FT.APART
					1136	06 DOUBLE SLING=FLOOR LEVEL=3 FT.APART
					1196	07 DOUBLE SLING=FLOOR LEVEL=7 FT.APART
					1256	08 DOUBLE SLING=FLOOR LEVEL=10 FT.APART
					34	09 DOUBLE SLING=BOTH LEVELS=ADD FOR EACH 2 FEET SLINGS ARE APART OVER 12 FEET
						BASKET SLING=SMALL HOIST=3 TONS OR LESS
					124	10 SINGLE SLING=WAIST LEVEL
					216	11 SINGLE SLING=FLOOR LEVEL
					248	12 DOUBLE SLING=WAIST LEVEL
					432	13 DOUBLE SLING=FLOOR LEVEL
						BASKET SLING=LARGE HOIST=BRIDGE CRANES
					256	14 SINGLE SLING=WAIST LEVEL
					340	15 SINGLE SLING=FLOOR LEVEL
					610	16 DOUBLE SLING=WAIST LEVEL=4 FT.APART
					778	17 DOUBLE SLING FLOOR LEVEL=4 FT.APART
					34	18 DOUBLE SLING=BOTH LEVELS=ADD FOR EACH 2 FEET APART OVER 4 FEET
						CHOKER HITCH=ENDLESS ROPE SLING
					575	20 SINGLE SLING=WAIST LEVEL
					872	21 SINGLE SLING=FLOOR LEVEL
					1248	22 DOUBLE SLING=WAIST LEVEL=4 FEET APART
					1842	23 DOUBLE SLING=FLOOR LEVEL=4 FEET APART
					34	24 DOUBLE SLING=BOTH LEVELS=ADD FOR EACH ADDITIONAL 2 FEET APART OVER 4 FEET
						CHOKER HITCH=CHAIN HOOK
					319	25 SINGLE HOOK
					736	26 DOUBLE HOOK=4 FEET APART
					34	27 DOUBLE HOOK=ADD FOR EACH 2 FEET APART OVER 4 FEET
						BOX CLEATS
					550	30 ONE PAIR
						ENGINE LIFTING DEVICE
					5247	40 HEAD BOLT SLING
					642	41 MULTI=FUEL ENGINE BAR
					1238	42 REO ENGINE BAR
					1331	43 EYE BOLT
					728	50 ADJUST SLING LENGTH=RATCHET ADJUSTABLE DEVICE=RAISE CHAIN EACH TWO INCHES
					264	51 CHANGE SLING=ALL HITCHES=SINGLE MASTER LINK AT STORAGE RACK

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	921	TCL	FTPTCXX	TEHCOXX	TABLE	CRANE(TRUCK,WAREHOUSE),OPERATE STARTS=WITH A REACH TO ACTUATE CONTROLS INCLUDES=ALL THE TIME NECESSARY TO GRASP AND MOVE CONTROLS TO START AND STOP DESIRED MOVEMENT OF BOOM AND/OR HOOK ENDS=WITH RELEASE OF CONTROLS AFTER MOVEMENT COMPLETED CONDITIONS=TIME TO GET TO OR FROM TRUCK,MOVE TRUCK OR LOAD EQUIPMENT IS NOT INCLUDED

FEDERAL WAREHOUSE TRUCK CRANE
10,000 POUND CAPACITY

OPERATION		FIRST FOOT A	EACH ADDITIONAL FOOT B
EXTEND OR RETRACT BOOM	A	129	104
SWING BOOM LATERALLY	B	129	104
RAISE			
BOOM AND HOOK	C	91	66
HOOK	D	120	95
BOOM	E	100	75
LOWER			
BOOM AND HOOK	F	91	66
HOOK	G	89	64

DL	921	TUL	ETUL	SEHML01	24311	MATERIAL(BULK),LOAD OR UNLOAD WITH CRANE STARTS=WITH THE YARD CRANE POSITIONED ADJACENT TO THE CAR TO BE UNLOADED OR LOADED INCLUDES=ALL THE TIME NECESSARY TO LOAD OR UNLOAD BULK MATERIAL FROM OR ONTO A FLATCAR OR GONDOLA CAR ENDS=WHEN THE MATERIAL HAS BEEN POSITIONED, DROPPED,AND THE SLINGS REMOVED CONDITIONS=THIS ELEMENT IS COMPUTED ON THE BASIS OF A CRANE CREW CONSISTING OF SIX(6) CREW MEMBERS=QUALITY OF THIS ELEMENT HAS NOT BEEN FULLY VERIFIED AND SHOULD BE USED WITH CAUTION
DL	921	MAL	EHFL	SEHPL01	22782	PALLET,LOAD INTO AIRCRAFT USING A 10K FORKLIFT LOADER AND 463L TRAILER STARTS=WITH FORKLIFT MOVEMENT TO AIRCRAFT INCLUDES=ALL THE TIME NECESSARY TO LOAD, POSITION AND LOCK A PALLET OF MATERIAL INTO AN AIRCRAFT USING A 10K FORKLIFT LOADER ENDS=WHEN THE EMPTY 463L TRAILER HAS BEEN SET ASIDE CONDITIONS=TIME ALLOWED IS FOR A 6 MAN CREW
DL	921	MAL	EHFO	SEHPU01	24894	PALLET,UNLOAD FROM AIRCRAFT USING A 10K FORKLIFT LOADER AND 463L TRAILER STARTS=WITH THE MOVE OF AN EMPTY TRAILER TO THE AIRCRAFT INCLUDES=LIFTING AND ALIGNING THE TRAILER TO THE ENTRY,UNLOCKING AND MOVING A PALLET TO THE DOORWAY AND TRANSFERRING THE PALLET ONTO AND MOVING THE TRAILER ASIDE ENDS=WHEN THE LOADED 463L TRAILER HAS BEEN LOWERED AND PLACED ASIDE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	921	MAL	NXJSE03	SJPCS01	41700	CONVEYOR(ROLLER),SET UP AND BREAK DOWN STARTS-WITH PICK UP CONVEYOR STAND AND/OR CONVEYOR SECTIONS INCLUDES-ALL THE TIME NECESSARY TO PICK UP AND CARRY FOUR CONVEYOR STANDS AND FIVE SECTIONS OF CONVEYOR INTO AND OUT OF A GROUND LEVEL MAGAZINE ENDS-WITH CONVEYOR AND STANDS REMOVED FROM BUILDING CONDITIONS-CONVEYOR SECTIONS 10 FEET LONG. THREE MAN OPERATION. WALK 80 FEET TO CONVEYOR AND STANDS,CARRY STANDS AND CONVEYOR 80 FEET
FFD	921	MAA	BMHMHXX	BMHHCXX	VARIABLE	HOIST,COMMENCE MOTION MANUALLY STARTS-WITH BOTH HANDS ON CABLES OR HOOK INCLUDES-ALL MOTIONS NECESSARY TO START HOIST MOVING ON RAIL OR SWING AROUND ON JIB CRANE MOUNT ENDS-WITH HOIST IN MOTION
					47	CASE 01 HOIST WITH RESISTANCE UP TO 2.5 POUNDS EFFECTIVE NET WEIGHT(ENW)
					50	02 HOIST WITH RESISTANCE OF 2.5 TO 7.5 POUNDS ENW
					52	03 HOIST WITH RESISTANCE OF 7.5 TO 12.5 POUNDS ENW
					55	04 HOIST WITH RESISTANCE OF 12.5 TO 17.5 POUNDS ENW
					57	05 HOIST WITH RESISTANCE OF 17.5 TO 22.5 POUNDS ENW
					60	06 RESISTANCE OF 22.5 TO 27.5 POUNDS ENW
FFD	921	MAA	BMHRHXX	BMHHRXX	VARIABLE	HOOK(PLAIN,CABLE OR HOIST),REMOVE STARTS-WITH RIGHT HAND ON HOOK AND LEFT HAND ON OBJECT TO BE REMOVED INCLUDES-ALL MOTIONS NECESSARY TO REMOVE HOOK FROM OBJECT ENDS-WITH HOOK CLEAR OF OBJECT CONDITION-APPLIES TO THE REMOVAL OF HOOK FROM BELT,CHAIN,CABLE,SLING,OR ANY ITEM WHERE TWO HANDS ARE REQUIRED TO COMPLETE REMOVAL
					10	CASE 01 PLAIN HOOK
					31	02 HOOK WITH SAFETY LATCH
FFD	921	MAA	BMHSHXX	BMHHSXX	VARIABLE	HOIST,STOP MOVEMENT MANUALLY STARTS-WITH BOTH HANDS ON HOIST CABLES OR HOOK INCLUDES-ALL MOTIONS NECESSARY TO STOP HOIST MOTION ON MONORAIL OR HINGED JIB CRANE ENDS-WITH CABLES OR HOOK LOWERED TO HANGING POSITION
					47	CASE 01 HOIST WITH RESISTANCE UP TO 2.5 POUNDS EFFECTIVE NET WEIGHT (ENW)
					50	02 HOIST WITH RESISTANCE OF 2.5 TO 7.5 POUNDS ENW
					52	03 HOIST WITH RESISTANCE OF 7.5 TO 12.5 POUNDS ENW
					55	04 HOIST WITH RESISTANCE OF 12.5 TO 17.5 POUNDS ENW
					57	05 HOIST WITH RESISTANCE OF 17.5 TO 22.5 POUNDS ENW
					60	06 HOIST WITH RESISTANCE OF 22.5 TO 27.5 POUNDS ENW

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFD	921	MAA	TMHSAXX	MMHBAXX	VARIABLE	BRACKET,ATTACH TO OR REMOVE FROM OBJECT, PREPATORY TO ATTACHING OR SUBSEQUENT TO REMOVING LIFTING SLING STARTS-WITH REACH TO DEVICE TO BE ATTACHED OR REMOVED. INCLUDES-ALL MOTIONS NECESSARY TO ATTACH OR REMOVE DEVICE. ENDS-WITH RELEASE OF DEVICE CONDITION-THIS ELEMENT TO BE USED AS AN ADDITIVE TO TMH-SA-XX
					248	CASE 01 ATTACH EYE TYPE HOOK,SECURE WITH NUT, HAND TIGHT
					228	02 REMOVE EYE TYPE HOOK
					343	03 ATTACH BRACKET FOR SINGLE CABLE SLING, ONE NUT AND BOLT PER BRACKET
					313	04 REMOVE BRACKET FOR SINGLE CABLE SLING, ONE NUT AND BOLT PER BRACKET
					699	05 ATTACH SLING BRACKET,2 BOLTS AND NUTS PER BRACKET
					621	06 REMOVE SLING BRACKET,2 BOLTS AND NUTS PER BRACKET
					239	07 ATTACH CLEVIS PIN HOOK,SECURE WITH COTTER PIN,NO TOOLS USED
					128	08 REMOVE COTTER PIN,REMOVE CLEVIS PIN HOOK
					14	09 HOOK AND UNHOOK 42-INCH BAR SLING WITH 48 INCH CABLES
					19	10 UNHOOK SAFETY LATCH ON HOIST HOOK
FFD	921	MAA	MMHI804	MMHBI01	155	BELT,INSTALL TO OBJECT AND TO HOIST HOOK WITH SAFETY LATCH STARTS-WITH REACH TO BELT INCLUDES-ALL MOTIONS NECESSARY TO GET WEB BELT,LOOP THROUGH,LOOP BACK THROUGH,HOOK TO HOIST HOOK WITH SAFETY LATCH ENDS-WITH BELT ON HOIST HOOK WITH HOOK READY TO BE RAISED TO TAKE UP SLACK
FFD	921	MAL	MMHRBXX	MMHBRXX	VARIABLE	BELT,REMOVE FROM HOIST WITH SAFETY TYPE LATCH STARTS-WITH REACH TO HOOK AND BELT INCLUDES-ALL MOTIONS NECESSARY TO GET BELT AND HOOK,RELEASE BELT FROM HOOK,AND REMOVE BELT FROM OBJECT ENDS-WITH BELT REMOVED BUT STILL IN HAND CONDITION-APPLICABLE TO WEB BELT
					81	CASE 01 BELT LOOP THROUGH OR AROUND OBJECT
					142	02 BELT LOOPED THROUGH ITSELF AND DRAWN TIGHT
DL	921	FAL	EECL	MMHCC01	1136	CARGO,CYCLE WITHIN PIT LOOP TO AID SELECTION STARTS-WITH A REACH TO THE CONVEYOR SWITCH INCLUDES-ALL THE TIME NECESSARY TO CYCLE THE MATERIAL IN THE CONVEYOR LOOP TO AID IN SELECTION OF CARGO FOR PALLET BUILD UP ENDS-WHEN THE CONVEYOR HAS BEEN STOPPED CONDITIONS-THIS IS A NORMAL TWO MAN OPERATION THIS ELEMENT WILL HAVE A FREQUENCY OF EIGHT TIMES PER PALLET ON ONE FULL CYCLE OF THE PIT LOOP PER PALLET(120 FEET OF TRAVEL)

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	FAL	EEML	MMHCMXX	VARIABLE	CARGO,MOVE ON CONVEYOR STARTS-WITH A MOVE TO THE CONVEYOR CONTROLS INCLUDES-ALL THE TIME NECESSARY TO MOVE CARGO ON A CONVEYOR-WALK TO THE CONVEYOR,START AND STOP,CONVEYOR TRAVEL TIME AND WALK BACK TO WORK AREA ENDS-WITH WALK BACK TO WORK AREA CONDITIONS-TIME TO CHECK MATERIAL AND OPERATE THE CONTROL CONSOLE IS NOT INCLUDED
					11238	CASE 01 MOVE CARGO FROM PALLET BREAKDOWN DOCK TO A HOLD OR TERMINATING LINE(AVERAGE DISTANCE 265 FEET)
					10913	02 MOVE CARGO FROM RECEIVING DOCK TO THE PIT LOOPS OR INTERMEDIATE HOLDING LINES(AVERAGE DISTANCE 285 FEET)
					7743	03 MOVE CARGO FROM HOLDING LINE OR BAY TO THE PIT LOOPS OR SPURS AT PALLET BUILD UP AREA(AVERAGE DISTANCE 190 FEET)
DL	921	MAL	EMSD	MMHCS01	51572	CONVEYOR(SKATE OR ROLLER),SET UP AND DISMANTLE STARTS-WITH OBTAINING CONVEYOR STANDS INCLUDES-ALL THE TIME NECESSARY TO SET UP AND DISMANTLE A SKATE OR ROLLER CONVEYOR-OBTAIN AND CARRY TO WORK AREA,INSTALL AND REMOVE CONVEYOR BY SECTIONS ENDS-WITH THE CONVEYOR AND STAND REMOVED AND PLACED ASIDE CONDITIONS-TIME IS BASED ON A TWO MAN OPERATION
DL	921	TUL	BEHE	MMHCU01	1817	CABLES,UNHOOK FROM CARGO AND HOOK TO ELEVATOR STARTS-WITH UNHOOKING THE CABLES FROM THE CARGO INCLUDES-ALL THE TIME NECESSARY TO UNHOOK THE WINCH CABLES FROM THE CARGO LOCATED EITHER IN POSITION IN THE AIRCRAFT OR ON THE CARGO ELEVATOR AND HOOK THE WINCH CABLES TO THE ELEVATOR ENDS-WITH HOOKING THE CABLES TO THE ELEVATOR
DL	921	TUL	BEUC	MMHCU02	283	CABLES(ELEVATOR),UNHOOK ON RAMP/ELEVATOR AIRCRAFT STARTS-WITH REACHING TO THE CABLES INCLUDES-ALL THE TIME NECESSARY TO UNHOOK THE CABLES FROM THE ELEVATOR ENDS-WITH THE CABLES FREE FROM THE ELEVATOR
DL	921	TUL	BHRC	MMHCW01	16503	CARGO(U OR W CODED),WINCH UP RAMP INTO AIRCRAFT AND POSITION IN EXACT LOCATION STARTS-AFTER THE CARGO HAS BEEN ALIGNED PRECISELY TO THE CARGO RAMP INCLUDES-ALL THE TIME NECESSARY TO MOVE A PIECE OF U OR W CODED CARGO UP THE CARGO RAMP AND POSITION THE CARGO IN ITS EXACT LOCATION ENDS-WITH THE CARGO IN ITS FINAL POSITION
DL	921	TUL	BHLE	MMHEL01	2467	ELEVATOR(CARGO),LOWER OR RAISE STARTS-WITH ELEVATOR AT GROUND LEVEL OR AT AIRCRAFT FLOOR LEVEL INCLUDES-ALL THE TIME NECESSARY TO RAISE OR LOWER THE ELEVATOR ON A RAMP/ELEVATOR AIRCRAFT ENDS-AT THE OPPOSITE LEVEL,READY TO RECEIVE OR DISCHARGE CARGO

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFD	921	MAL	MMHHHXX	MMHHAXX	VARIABLE	HOOK,ATTACH TO EYELET,BELT,CABLE OR SIMILAR DEVICE STARTS-WITH 6-INCH REACH TO HOOK INCLUDES-ALL MOTIONS NECESSARY TO OBTAIN HOOK BY HAND AND ENGAGE OR TO OBTAIN DEVICE AND PLACE ON HOOK ENDS-WITH HOOK IN POSITION TO RAISE OR LOWER HOIST TO TAKE UP SLACK CONDITION-HOIST MUST BE WITHIN APPROXIMATELY 6 INCHES OF DEVICE TO BE ATTACHED
					37	CASE 01 HOIST WITH PLAIN HOOK AND EFFECTIVE NET WEIGHT (ENW) UP TO 2.5 POUNDS
					48	02 HOIST WITH SAFETY LATCH HOOK AND ENW UP TO 2.5 POUNDS
					40	03 HOIST WITH PLAIN HOOK AND ENW OF 2.5 TO 10 POUNDS
					54	04 HOIST WITH SAFETY LATCH HOOK AND ENW OF 2.5 TO 10 POUNDS
					53	05 HOIST WITH PLAIN HOOK AND ENW OF 10 TO 20 POUNDS
					64	06 HOIST WITH SAFETY LATCH HOOK AND ENW OF 10 TO 20 POUNDS
DL	921	MAL	BEBH	MMHHA07	1016	HOIST,ATTACH,MOVE ITEM TO BASE AND DETACH STARTS-WITH A REACH TO THE HANDLE INCLUDES-ALL THE TIME NECESSARY TO RAISE AN ITEM BY USE OF AN ELECTRIC OVERHEAD HOIST; ATTACHING THE HOIST TO THE ITEM,RAISING THE ITEM WITH THE HOIST,AND LOWERING THE ITEM TO THE BASE ENDS-WHEN THE HOIST IS DETACHED FROM THE ITEM AND MOVED ASIDE CONDITIONS-RAISE AND LOWER ITEM TWO FEET
DL	921	MAL	BECH	MMHHA08	907	HOIST,ATTACH,MOVE ITEM INTO CONTAINER AND DETACH HOIST STARTS-WITH REACH TO THE HOIST INCLUDES-ALL THE TIME NECESSARY TO PLACE AN ITEM INTO A CONTAINER USING AN ELECTRIC OVERHEAD HOIST-ATTACHING THE HOIST,MOVING THE ITEM,PLACING INTO THE CONTAINER AND DETACHING THE HOIST ENDS-WHEN THE HOIST IS DETACHED
DL	921	MAL	P-13	MMHHA09	78	HOIST(OVERHEAD),ATTACH TO ITEM STARTS-WITH REACH TO HANDLE INCLUDES-ALL THE TIME NECESSARY TO REACH TO AND GRASP HANDLE,PRESS BUTTON,REACH TO HOOK WITH OTHER HAND,GRASP AND MOVE TO ITEM. POSITION HOOK TO ITEM AND RELEASE BOTH HANDS ENDS-WITH RELEASE HOOK
DL	921	MAL	P-14	MMHHD01	155	HOIST(OVERHEAD),DETACH FROM ITEM STARTS-WITH REACH TO HOIST HOOK INCLUDES-ALL THE TIME NECESSARY TO GRASP THE HOOK,LOOSEN FROM ITEM,RELEASE HOOK AND REACH TO HANDLE,PRESS BUTTON AND MOVE CRANE AWAY AND RETURN TO ITEM ENDS-WITH RETURN CONDITIONS-WALK FIVE PACES ROUND TRIP TO AWAY CRANE(U BBMW001)
DL	921	TAL	P-15	MMHIM01	783	ITEM,MOVE TO BASE WITH OVERHEAD HOIST STARTS-WITH HAND ON CONTROL BOX INCLUDES-ALL THE TIME NECESSARY TO PUSH BUTTON ON CONTROL BOX TO LOWER ITEM TO BASE,GUIDE TO ALIGN ITEM TO BOLTS WITH LEFT HAND,POSITION ON BOLTS,RELEASE ITEM WITH LEFT HAND ENDS-WITH RIGHT HAND ON CONTROL BOX

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	TAL	P-17	MMHIP01	674	ITEM,PLACE IN CONTAINER WITH OVERHEAD HOIST STARTS-WITH RIGHT HAND ON CONTROL BOX INCLUDES-ALL THE TIME NECESSARY TO PUSH THE CONTROL BUTTON TO LOWER HOIST TWO FEET,GUIDE ITEM INTO CONTAINER WITH LEFT HAND,POSITION AND RELEASE WITH LEFT HAND ENDS-WITH RIGHT HAND ON CONTROL BOX
DL	921	MAL	F-76	MMHPP01	165	PALLET,PUSH ON CONVEYOR STARTS-WITH A BEND TO PALLET INCLUDES-ALL THE TIME NECESSARY TO BEND TO AND GRASP PALLET,START PALLET IN MOTION,PUSH PALLET FOUR PACES,RELEASE AND STAND UP ENDS-WITH STAND UP
DL	921	TUL	BEWR	MMHRA01	7301	RIGGING(WINCH),ARRANGE TO HOOK UP STARTS-WITH A REACH TO THE WINCH CABLES INCLUDES-ALL THE TIME NECESSARY TO PREPARE THE WINCH AND TO HOOK ITS CABLES FOR MOVING CARGO WITHIN A RAMP/ELEVATOR AIRCRAFT ENDS-READY TO HOOK CABLES TO THE CARGO CONDITIONS-APPLIES TO U OR W CODE CARGO
NF	921	MAF	1110	MMHSA01	107	SLING,ATTACH TO HOOK STARTS-WITH A REACH TO SLING INCLUDES-ALL THE TIME NECESSARY TO POSITION THE SLING LOOP AT THE HOOK AND PLACE THE LOOP OVER THE HOIST HOOK,DRAW SLING TIGHT AND RELEASE SLING ENDS-WITH RELEASE OF SLING CONDITIONS-LEFT HAND HOLDING SLING
DL	921	MAL	EMSH	MMHSH01	658	SLING,HOOK AND UNHOOK TO/FROM LOAD AND HOIST STARTS-WITH A REACH TO SLING INCLUDES-ALL THE TIME NECESSARY TO GET A SLING,PLACE AROUND LOAD,ATTACH SLING TO HOIST HOOK,REMOVE SLING FROM LOAD,REMOVE FROM HOIST HOOK ENDS-WITH SLING ASIDE
NF	921	MAF	1109	MMHSP01	241	SLING,PUT AROUND PART OR OBJECT STARTS-WITH MOVE SLING TO OBJECT INCLUDES-ALL THE TIME NECESSARY TO PLACE A SLING AROUND AN OBJECT,PULL END THROUGH LOOP, PULL SLING TIGHT ON OBJECT ENDS-WITH SLING TIGHT ON OBJECT
NF	921	MAF	1080	MMHSR01	110	SLING,REMOVE FROM PART STARTS-WITH REACH TO LOOP END INCLUDES-ALL THE TIME NECESSARY TO GRASP THE LOOP END,PULL LOOP LOOSE,GRASP SLING,MOVE SLING OUT OF LOOP,PULL SLING FROM UNDER PART ENDS-WITH SLING FREE OF PART AND IN HAND
NF	921	MAF	1111	MMHSR02	45	SLING,REMOVE FROM HOOK STARTS-WITH REACH TO TOP STRAND INCLUDES-ALL THE TIME NECESSARY TO REMOVE BOTH SLING STRANDS FROM A HOIST HOOK ENDS-WITH RELEASE OF SECOND STRAND AFTER RE-MOVAL FROM HOOK

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	921	TAL	FHTFCXX	TMHHLXX	TABLE	HOIST(FLOOR CRANE),OPERATE/MOVE/RAISE/LOWER STARTS=WITH REACH TO CRANK OR BEGIN CRANE MOVE INCLUDES=ALL THE TIME NECESSARY TO RAISE OR LOWER THE HOOK WITH A CRANK HOIST AND/OR MOVE A FLOOR CRANE ENDS=WITH COMPLETION OF MOVE CONDITIONS=CRANE IS A ONE TON HOIST SUSPENDED FROM A SINGLE OVERHEAD BEAM ON THE FRAME=CRANE IS EQUIPPED WITH A CRANK HOIST

DISTANCE

		INCHES		FEET				
RAISE OR LOWER HOOK	A	1 A 160	6 B 830	1 C 1634	2 D 3242	3 E 4850	4 F 6458	5 G 8066

DISTANCE=FEET

	5	10	15	20	25
MOVE CRANE B	H 74	J 119	K 164	L 209	M 254

	PER 10 FEET OVER 25 FEET
MOVE CRANE B	N 90

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	921	TAL	FHTBCXX	TMHHMXX	TABLE	HOIST(BRIDGE CRANE),OPERATE/MOVE STARTS-WITH REACH TO ACTUATE PENDANT INCLUDES-ALL THE TIME NECESSARY FOR A BRIDGE CRANE TO PERFORM THE FOLLOWING OPERATIONS ENDS-WITH RELEASE CONTROLS CONDITIONS-TIMES ARE FOR FIVE AND 10 TON CRANES AS INDICATED-RATIO OF CHAIN PULL TO LATERAL MOVEMENT OF FIVE TON CRANE IS 2 TO 1-BOTH FRAME WORK AND HOIST ARE SUSPENDED FROM A DOUBLE OVERHEAD TRACK-DOES NOT INCLUDE PART HANDLING,HOIST HITCHING OR TRAVEL TO OR FROM

OPERATION		DISTANCE TO BE MOVED INCHES					
RAISE OR LOWER HOOK ON A		1 A	2 B	3 C	4 D	5 E	6 F
FIVE TON CRANE	A	45	52	59	66	73	80
10 TON CRANE	B	87	101	115	129	143	157
MOVE HOIST ALONG TRACK-							
FIVE TON CRANE POWERED	C	41	44	47	50	53	56
MANUAL	D	28	30	32	34	36	38
10 TON CRANE POWERED	E	78	83	88	93	98	103
MOVE BRIDGE							
FIVE TON CRANE POWERED	F	43	48	53	58	63	68
MANUAL	G	28	30	32	34	36	38
10 TON CRANE POWERED	H	78	83	88	93	98	103

		DISTANCE TO BE MOVED FEET					
RAISE OR LOWER HOOK ON A		1 G	2 H	3 J	4 K	5 L	10 M
FIVE TON CRANE	A	122	206	290	374	458	878
10 TON CRANE	B	241	409	577	745	913	1753
MOVE HOIST ALONG TRACK							
FIVE TON CRANE POWERED	C	74	110	146	182	218	398
MANUAL	D	50	74	98	122	146	266
10 TON CRANE POWERED	E	133	193	253	313	373	673
MOVE BRIDGE							
FIVE TON CRANE POWERED	F	98	158	218	278	338	638
MANUAL	G	50	74	98	122	146	266
10 TON CRANE	H	133	193	253	313	373	673

RAISE OR LOWER HOOK ON A		20 N	25 P	50 Q	100 R
FIVE TON CRANE	A	1718	2138		
10 TON CRANE	B	3433	4273		
MOVE HOIST ALONG TRACK					
FIVE TON CRANE POWERED	C	758	938		
MANUAL	D	506	.626		

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	921	TAL	FHT8CXX	TMHHMXX		10 TON CRANE POWERED E 1273 1573 3073 6073 MOVE BRIDGE FIVE TON CRANE POWERED F 1238 1538 MANUAL G 506 626 10 TON CRANE POWERED H 1272 1573
AE	921	TAL	FHTAFXX	TMHHOXX	TABLE	HOIST(A-FRAME),OPERATE STARTS-WITH REACH TO CRANK OR CHAIN OR READY TO START FRAME IN MOTION INCLUDES-ALL THE TIME NECESSARY TO PERFORM THE MOTIONS INDICATED ENDS-WITH COMPLETION OF DESIRED MOVE CONDITIONS-HOIST CONSTRUCTED WITH A CONFIGURATION-HOIST IS ONE TO 1-1/2 TON CAPACITY CENTRALLY SUSPENDED FROM THE TOP-EQUIPPED WITH CHAIN AND CRANK HOIST-PART HANDLING,HOIST HITCHING AND TRAVEL TIME TO AND FROM HOIST IS NOT INCLUDED

OPERATION — DISTANCE-RAISE/LOWER

		1 6 INCHES A	1 FEET B	2 FEET C	3 FEET D	4 FEET E	5 FEET F	G
RAISE OR LOWER HOOK HOIST CHAIN	A	58	218	410	794	1178	1562	1946
CRANK	B	160	830	1634	3242	4850	6458	8068

		DISTANCE MOVED-FEET 5 H	10 J	15 K	20 L	25 M	PER 10 FT. OVER 25 FT N
MOVE A FRAME	C	74	119	164	209	254	90

		DISTANCE MOVED-FEET 1 P	5 Q	10 R
MOVE HOIST ALONG THE TRACK	D	71	107	152

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	921	TAL	FHTNRXX	TMHHPXX	TABLE	HOIST(MONORAIL),OPERATE/MOVE/PULL STARTS-WITH REACH TO PENDANT OR CHAIN INCLUDES-ALL THE TIME NECESSARY TO ACTUATE THE CONTROLS TO START HOIST UP OR DOWN AND TO PULL CHAIN TO MOVE ON TRACK ENDS-WITH RELEASE OF CONTROLS(PENDANT)OR CHAIN CONDITIONS-ONE AND THREE TON HOIST-FRAME, HOIST AND MOTOR ARE SUSPENDED FROM A SINGLE OVERHEAD TRACK-PART HANDLING, HOIST HITCHING OR TRAVEL TO OR FROM EQUIPMENT IS NOT INCLUDED

OPERATION		DISTANCE-INCHES 1	2	3	4	5	6
		A	B	C	D	E	F
RAISE OR LOWER HOOK-POWERED							
ONE TON	A	45	52	59	66	73	80
THREE TON	B	44	50	56	62	68	74

		DISTANCE - FEET 1	2	3	4	5	10
		G	H	J	K	L	M
RAISE OR LOWER HOOK-POWERED							
ONE TON	A	122	206	290	374	458	878
THREE TON	B	110	182	254	326	398	758
MOVE HOIST ALONG TRACK							
ONE TON-MANUAL	C	71	80	89	98	107	152
THREE TON-POWERED	D	105	172	239	306	373	708

		20	25	50	100
		N	P	Q	R
RAISE OR LOWER HOOK-POWERED					
ONE TON	A	1718	2138		
THREE TON	B	1478	1838		
MOVE HOIST ALONG TRACK					
ONE TON-MANUAL	C	242			
THREE TON POWERED	D	1378	1713	3388	6738

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	921	TAL	FHTJCXX	TMHHRXX	TABLE	HOIST(JIB CRANE),OPERATE/MOVE/RAISE/LOWER STARTS-WITH REACH TO CHAIN OR CONTROL TO ACTUATE OR START MAST IN MOTION INCLUDES-ALL THE TIME NECESSARY TO RAISE OR LOWER HOOK AND TO MOVE MAST AND TRACK ENDS-WITH RELEASE CONTROL/CHAIN-END MOTION CONDITIONS-ONE TON CRANE-SUSPENDED FROM A SWINGING BEAM MOUNTED TO A VERTICAL COLUMN-A TRACK RUNS ALONG THE BEAM-PART HANDLING, HOIST HITCHING OR TRAVEL TO OR FROM EQUIPMENT IS NOT INCLUDED

DISTANCE-INCHES

RAISE OR LOWER HOOK		1 A	2 B	3 C	4 D	5 E	6 F	7 G
CHAIN HOIST	A	58	90	122	154	186	218	250
POWER HOIST	B	45	52	59	66	73	80	87

		8 H	9 J	10 K	15 L	20 M
CHAIN HOIST	A	282	314	346	506	666
POWER HOIST	B	94	101	108	143	178

		30 N	40 P	50 Q	60 R
CHAIN HOIST	A	986	1306	1626	1946
POWER HOIST	B	248	318	388	458

DISTANCE-FEET

MOVE MAST AND HOIST ALONG TRACK		1 A	5 B	10 C	15 D
	C	71	107	152	197

MOVE MAST AND HOIST ALONG TRACK		20 E	25 F	30 G
	C	242	287	332

DL	921	FAL	BMMP	TMHPMXX	TABLE	PALLET(463L-LOADED),OBTAIN CONTROL AND MOVE STARTS-WITH A STEP TO PALLET INCLUDES-ALL THE TIME NECESSARY TO MOVE A LOADED 463L PALLET OVER A ROLLERIZED DOCK,RAMP FLOOR,IN AN AIRCRAFT,ETC. ENDS-AFTER THE PALLET HAS BEEN MOVED THE REQUIRED DISTANCE CONDITIONS-WHEN USING FOR AIRCRAFT THE AVERAGE PALLET TRAVEL DISTANCE IS ONE HALF THE LENGTH OF THE AIRCRAFT CARGO SPACE-TIME VALUES SHOWN ARE FOR ONE MAN AND SHOULD BE MULTIPLIED BY THE NUMBER OF MEN PERFORMING THE OPERATION-TABLE WAS COMPUTED FROM A CONSTANT OF 176 TMUS TO START PALLET AND MOVE TWO FEET PLUS 17 TMUS FOR EACH ADDITIONAL TWO FEET PALLET IS MOVED							

NUMBER FEET PALLET IS MOVED

	2 A	4 B	6 C	8 D	10 E	20 F	30 G	40 H
A	176	193	210	227	244	329	414	499

	50 J	60 K	70 L	80 M	90 N	100 O
B	584	669	754	839	924	1009

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWNSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFD	921	MAL	TMHSAXX	TMHSAXX	TABLE	SLING,ATTACH OR REMOVE STARTS-WITH GET HOOK(S) INCLUDES-ALL MOTIONS NECESSARY TO HOOK UP OR UNHOOK BAR TYPE OR RING AND CABLE TYPE SLINGS ENDS-WITH HOOK SECURED TO OBJECT FOR ATTACHING AND WITH CABLE OR SLING REMOVED FROM OBJECT CONDITIONS-APPLIES TO SLINGS AND CABLES WITH PLAIN HOOKS.DOES NOT INCLUDE TIME FOR ATTACHING OR REMOVING BRACKETS AND LIFTING EYES OR FOR ATTACHING OR REMOVING SLING FROM HOIST. THESE TIMES CONTAINED IN MMH8AXX

OPERATION AND TYPE OF SLING		DISTANCE BETWEEN CABLES(INCHES) 0	12	18	24
		A	B	C	D
ATTACH					
BAR TYPE					
24 INCH,2 CABLES	A		97	109	
42 INCH,2 CABLES	B		109	115	
60 INCH,2 CABLES	C		141	153	
RING AND CABLE TYPE					
SINGLE CABLE	D	42			
2 CABLES	E		88	104	93
3 CABLES	F		134	160	159
4 CABLES	G		180	216	225
REMOVE					
BAR TYPE					
24 INCH,2 CABLES	H		69		
42 INCH,2 CABLES	J		106		
60 INCH,2 CABLES	K		125		
RING AND CABLE TYPE					
SINGLE CABLE	L	28			
2 CABLES	M		69	79	94
3 CABLES	N		100	116	154
4 CABLES	P		136	157	161

DL	921	MAL	EHKL	SMHCL01	14238	CARGO(463L PALLET),LOAD USING 25/40K LOADER STARTS-WITH THE UNLOCKING OF THE PALLET ON THE K LOADER INCLUDES-ALL THE TIME NECESSARY TO UNLOCK THE PALLET ON THE K-LOADER,MOVE THE PALLET INTO THE AIRCRAFT,POSITION AND LOCK PALLET IN THE AIRCRAFT ENDS-WHEN THE CREW HAS RETURNED TO K LOADER CONDITIONS-BASED ON A NORMAL SIX MAN CREW,MOVE PALLET 24 FEET INTO AIRCRAFT-ALIGN PALLET TO TRACT GUIDE(SIDE LOADING AIRCRAFT ONLY-50 PER CENT OCC.)-TWO MEN EACH LOCK TWO LOCKS-WALK 26 PACES TO K LOADER
DL	921	MAL	EHKO	SMHC001	14436	CARGO(463L PALLET),OFFLOAD WITH 25/40 K LOADER STARTS-WITH A WALK TO THE PALLET INCLUDES-ALL THE TIME NECESSARY TO WALK TO THE PALLET,UNLOCK AND MOVE PALLET TO ENTRY,ALIGN AND MOVE PALLET ONTO K LOADER,LOCK PALLET ON K LOADER ENDS-WHEN PALLET HAS BEEN LOCKED TO K LOADER CONDITIONS-WALK 26 PACES TO PALLET IN AIRCRAFT ROLL PALLET 40 FEET TO CARGO ENTRY-ALIGN PALLET TO K LOADER(SIDE LOADING A/C ONLY-50 PER CENT)-MOVE PALLET 24 FEET ONTO K LOADER LOCK PALLET WITH TWO RESTRAINTS PER PALLET-SIX MAN CREW
DL	921	MAL	EHMI	SMHIM01	3355	ITEM,MOUNT TO BASE USING OVERHEAD HOIST STARTS-WITH WALK TO THE HOIST INCLUDES-ALL THE TIME NECESSARY TO MOUNT AN ITEM TO A BASE USING AN OVERHEAD HOIST ENDS-WHEN THE ITEM IS SECURED TO THE BASE BY MEANS OF BOLTS AND THE HOIST IS DETACHED AND MOVED ASIDE CONDITIONS-WALK 10 PACES TO HOIST-FOUR BOLTS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	921	MAF	547	SMHMB01	517	MATERIAL,BALANCE ON HOIST,PART OR PIPE STARTS-WITH A STEP TO CHAIN INCLUDES-ALL THE TIME NECESSARY TO PULL CHAIN TO LOOSEN PART,BEND TO PART OR PIPE,SLIDE TO BALANCE IN HOIST SLING OR CHAIN,PULL CHAIN TO SECURE LOAD AFTER BALANCED,RELEASE CHAIN ENDS-WITH RELEASE CHAIN
NF	921	MAF	315	SMHSA01	1102	SLING,ATTACH FOR CRANE MOVE STARTS-WITH WALK TO SLING INCLUDES-ALL THE TIME NECESSARY TO WALK TO SLING,MOVE SLING TO MATERIAL,PLACE SLING AROUND PART,SECURE TO MATERIAL ENDS-WITH SLING SECURED READY TO LIFT CONDITIONS-TWO MAN OPERATION-SECOND MAN TILTS MATERIAL WHILE FIRST MAN OBTAINS SLING-STEP ONE PACE TO SLING(EACH END) TO MATERIAL WITH SLING ENDS
NF	921	MAF	316	SMHSR01	525	SLING,REMOVE STARTS-WITH REACH TO CHAIN INCLUDES-ALL THE TIME NECESSARY TO GRASP CHAIN AND PULL DOWN FOR SLACK,REMOVE SLING FROM MATERIAL,PULL SLING FREE AND RELEASE ENDS-WITH RELEASE OF FREED SLING CONDITIONS-TWO MAN OPERATION-SECOND MAN TILTS PART WHILE FIRST MAN REMOVES SLING
DL	921	TUL	BERR	SMHWA01	31590	WINCH,ARRANGE FOR LOADING/OFFLOADING VIA CARGO RAMP(U OR W CODED) STARTS-WITH HOOKING THE CABLES TO PIECE OF CARGO INCLUDES-ALL THE TIME NECESSARY TO SET UP THE WINCH FOR MOVEMENT OF CARGO VIA THE RAMP ON A RAMP/ELEVATOR TYPE AIRCRAFT ENDS-WITH CARGO READY TO BE MOVED UP OR DOWN THE RAMP
DL	921	TUL	SO-14	KMHCUXX	VARIABLE	AIRCRAFT(RAMP/ELEVATOR TYPE),OFFLOAD U/W CODED CARGO(PER PIECE) STARTS-WITH REACH TO TIEDOWN INCLUDES-ALL THE MOTIONS NECESSARY TO UNTIE CARGO AND CHECK FOR DAMAGE,ARRANGE AND HOOK UP WINCH RIGGING,MOVE PIECE TO ELEVATOR,HOOK TO ELEVATOR AND LOWER,UNHOOK CABLES,ARRANGE WINCH FOR UNLOADING VIA RAMP,ATTACH CHAINS,REMOVE PIECE VIA RAMP,PICK UP PIECE WITH FORKLIFT TRUCK(K LOADER),MOVE AWAY FROM RAMP AND SET PIECE DOWN,COMPLETE DOCUMENTATION ENDS-WITH PIECE MOVED AWAY FROM AIRCRAFT CONDITIONS-MOVE EACH PIECE 80 FEET AWAY FROM AIRCRAFT-6 MAN CREW 129228 CASE 01 ELEVATOR AIRCRAFT 338238 02 RAMP AIRCRAFT
DL	921	FAL	BECT	BMTCT01	100	CONVEYOR TRAVEL TIME STARTS-WITH CONVEYOR IN MOTION INCLUDES-ALL THE TIME NECESSARY TO MOVE MATERIAL FROM ONE POINT TO ANOTHER ON A MECHANIZED CONVEYOR SYSTEM. THE TIME IS MACHINE PROCESS TIME ONLY AND DOES NOT COVER OPERATION OF ANY CONTROL DEVICES. THE TIME IS BASED ON AN AVERAGE VELOCITY OF 50 FEET PER MINUTE ENDS-AFTER CONPLETION OF THREE FEET OF TRAVEL CONDITIONS-TIME IS FOR THREE FEET OF CONVEYOR MOVEMENT

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	FAL	BEOD	MMTD001	2009	DOCK(HYDRAULIC),OPERATE STARTS-WITH A REACH TO THE UP BUTTON INCLUDES-ALL THE TIME NECESSARY TO OPERATE THE HYDRAULIC DOCK AND THE MACHINE TIME TO ADJUST THE DOCK TO THE TRUCK BED AND THE TIME TO MOVE THE DOCK AWAY FROM THE TRUCK BED ENDS-WHEN THE DOWN BUTTON IS RELEASED
DL	921	FAL	BELR	MMTPL01	535	PLATFORM(PALLET PIT),LOWER/RAISE STARTS-WITH THE PRESSING OF THE ACTUATE BUTTON INCLUDES-ALL THE TIME NECESSARY FOR A PALLET PLATFORM TO LOWER OR RAISE ENDS-WHEN THE PLATFORM HAS BEEN LOWERED OR RAISED CONDITIONS-PLATFORM TRAVELS AT A RATE OF 25 FEET PER MINUTE-AVERAGE EIGHT FEET PIT TRAVEL IN EITHER DIRECTIONS
DL	921	MAL	EMSP	MOH8P01	408	BLOCK(SCOTCH),POSITION AND REMOVE FROM CONVEYOR STARTS-WITH A WALK TO CONVEYOR INCLUDES-ALL THE TIME NECESSARY TO WALK TO A CONVEYOR,POSITION SCOTCH BLOCKS,REMOVE SCOTCH BLOCK AND RETURN ENDS-WHEN SCOTCH BLOCKS ARE REMOVED AND RETURN WALK IS COMPLETED CONDITIONS-WALK DISTANCE IS FOUR PACES ONE WAY
DL	921	TUL	SR-22	KRCCUX1	CON/VAR	CARRIER,UNLOAD BY CRANE AND MOVE MATERIAL TO STORAGE LOCATION BY FORKLIFT STARTS-WITH YARD CRANE POSITIONED ADJACENT TO CARRIER,CRANE READY TO UNLOAD INCLUDES-ALL THE TIME NECESSARY TO UNLOAD LARGE BULKY MATERIAL FROM A CARRIER BY CRANE, FORKLIFT PICK UP MATERIAL AND MOVE TO AND DROP MATERIAL IN A STORAGE LOCATION,PROCESS DOCUMENTS PER CRANE LOAD ENDS-WITH LOAD IN STORAGE,DOCUMENTATION COMPLETE FOR CRANE LOAD
					25820	CASE 1-1 CONSTANT TIME-UNLOAD BY CRANE,PICK UP AND STACK BY FORKLIFT,PROCESS DOCUMENTS(921 SEHML01,922 TEHPPAB,922 TEHPSAE,222 SWRDP01) A-1 VARIABLE TIME-FORKLIFT TRAVEL TO STORAGE LOCATION AND RETURN-COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENT 922 TEHFTXX
DL	921	EUL	SR-39	KRCCUX2	CON/VAR	CARRIER,UNLOAD BY CRANE AND MOVE MATERIAL TO STORAGE LOCATION BY FORKLIFT TRUCK STARTS-WITH MOVE SLING TO LOAD INCLUDES-ALL THE TIME NECESSARY TO UNLOAD THE MATERIAL FROM THE CARRIER BY CRANE,PICK UP UNLOADED MATERIAL WITH FORKLIFT TRUCK AND MOVE TO A STORAGE LOCATION,PROCESS DOCUMENTS ENDS-WITH MATERIAL IN STORAGE,DOCUMENTATION PER LOAD COMPLETE CONDITIONS-WAREHOUSE TRUCK CRANE USED
					4126	CASE 1-2 CONSTANT TIME-HOOK AND UNHOOK CRANE HOIST(SLING),LIFT,SWING AND LOWER LOAD FOR FORKLIFT PICK UP(ESTIMATE-2000 TMUS),PICK UP AND DROP LOAD IN STORAGE,PROCESS DOCUMENTS PER LOAD (921 MMHSH01,922 TEHPPAB,922 TEHPSAE, 222 SWRDP01) A-2 VARIABLE TIME-FORKLIFT TRUCK TO AND FROM STORAGE LOCATION-COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	EUL	SR=18	KRCCUX3	CON/VAR	VEHICLE(PIGGY BACK),PREPARE AND UNLOAD STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE FOR UNLOADING PIGGY BACK VEHICLES,REMOVE ONE VEHICLE FROM ON TOP OF OTHER ENDS=WITH VEHICLES REMOVED FROM ON TOP AND WORKERS RETURNED TO OFFICE/STARTING POINT CONDITIONS=TWO VEHICLES PIGGY BACK ON TOW VEHICLE=ELEMENT TIME IS PER VEHICLE
					17291	CASE 1=3 CONSTANT TIME=TWO MEN MOUNT,DISMOUNT FORKLIFT TRUCK,GET DOCUMENTS FROM DRIVER,PICK UP VEHICLE WITH CRANE AND MOVE OTHER VEHICLE FROM UNDER(PICK UP TWO OF THREE VEHICLES),PROCESS DOCUMENTS PER VEHICLE(922 MEHFP08,U TPLOPEA,921 SEHML01,222 SWRDP01) A=3 VARIABLE TIME=CRANE SET UP=ESTIMATE=ELEMENT TIME IS PER OCCURANCE=APPLY RATIO OF CRANE SET UPS PER VEHICLE RECEIVED=100,000 TMUS PER SET UP B=3 VARIABLE TIME=TRUCK CLEAN UP,PLACE SADDLES ON PALLET AND MOVE TO STORAGE BY FORKLIFT=ESTIMATE=TIME IS 10000 PER OCCURENCE=APPLY RATIO OF MOVES TO STORAGE PER CAR UNLOADED C=3 VARIABLE TIME=WORKERS RECEIVE INSTRUCTION=TIME IS PER WORKER PER OCCURENCE=ESTIMATE=APPLY RATIO OF TRUCKS RECEIVED PER INSTRUCTION GIVEN AND MULTIPLY BY CREW SIZE=1667 TMUS D=3 VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO WORK AREA AND RETURN=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX NOTE=THIS ELEMENT IS APPLICABLE FOR VEHICLES RECEIVED IN GROUPS OF THREE=ONE TOW AND TWO RIDING PIGGY BACK
DL	921	TUL	SR=40	KRCCUX4	CON/VAR	CARRIER(FLATCAR),UNLOAD WHEELED VEHICLE WITH CRANE STARTS=WITH CRANE IN POSITION READY TO UNLOAD INCLUDES=ALL THE TIME NECESSARY TO UNLOAD A WHEELED VEHICLE BY CRANE,TOW RECEIVED VEHICLE TO STORAGE LOCATION,PROCESS DOCUMENTS PER VEHICLE RECEIVED ENDS=WITH RETURN TO UNLOAD POINT BY TOW VEHICLE AND CREW
					26904	CASE 1=4 CONSTANT TIME=UNLOAD VEHICLE BY CRANE,PROCESS DOCUMENTS PER VEHICLE RECEIVED,MOUNT AND DISMOUNT RECEIVED VEHICLE,HOOK AND UNHOOK RECEIVED AND TOW VEHICLE,TRAVEL(20 PACES)INCIDENT TO HOOKING AND UNHOOKING VEHICLES=SIX MAN CRANE CREW=(921 SEHML01,222 SWRDP01,U MEVTM01,921 MMHSH01,U BBM W001,U B8MHC01) A=4 VARIABLE TIME=TOW WHEELED VEHICLE TO STORAGE AND RETURN TO UNLOAD POINT=COMPUTE TRAVEL TIME FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENT 922 MEHVTXX

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
OL	921	EUL	TR=29	JRCCUX1	VARIABLE	CAR(RAIL,FLAT),UNLOAD VEHICLES WITH CRANE=TOW AWAY

PART I=ELEMENTS

A PREPARE TO UNLOAD VEHICLES FROM A FLAT CAR
929 KJPCPXV

B TRAVEL TO HOLD AREA TO MOVE VEHICLES AND RETURN
922 MEHFP08
922 MEHVTXX
U 88MWU01=U 88MHC01

C UNLOAD WHEELED VEHICLE BY CRANE AND TOW TO STORAGE LOCATION
921 KRCCUX4

PART II=FREQUENCIES/OCCURENCES

D VEHICLES PER CAR UNLOADED

PART III=NORMAL TIME

E TIME PER FLATCAR PREPARED TO UNLOAD
A+B

F TIME PER VEHICLE UNLOADED AND TOWED AWAY
C

G TIME PER FLATCAR PREPARED AND UNLOADED
E+F(D)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

H ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

J TIME PER CAR PREPARED TO UNLOAD
E(H)

K TIME PER VEHICLE UNLOADED AND TOWED TO STORAGE
F(H)

L TIME PER CAR PREPARED AND UNLOADED
J+K(D)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	EUL	TR=3/11	JRCCUX3	VARIABLE	CAR(RAIL,FLAT),UNLOAD WITH YARD CRANE

PART I=ELEMENTS

A PREPARE FLATCAR FOR UNLOADING=PER CAR
929 KJPCPXS

B UNLOAD AND MOVE MATERIAL TO STORAGE=PER CRANE LIFT
921 KRCCUX1

PART II=FREQUENCIES/OCCURENCES

C CRANE LIFTS TO UNLOAD CAR

PART III=NORMAL TIME

D PER CAR PREPARED FOR UNLOADING
A

E PER CRANE LIFT=LOAD MOVED TO STORAGE
B

F PER CAR PREPARED AND UNLOADED
A+B(C)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

H PER CAR PREPARED FOR UNLOADING
D(G)

J PER CRANE LIFT=LOAD MOVED TO STORAGE
E(G)

K PER CAR PREPARED AND UNLOADED
H+J(C)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	EUL	TR=4	JRCCUX4	VARIABLE	CAR(GONDOLA=RAIL),UNLOAD WITH YARD CRANE

PART I=ELEMENTS

A PREPARE CAR FOR UNLOADING
929 KJPCPXJ

B UNLOAD AND MOVE MATERIAL TO STORAGE PER CRANE LIFT
921 KRCCUX1

PART II=FREQUENCIES/OCCURENCES

C CRANE LIFTS PER CAR TO UNLAOD

PART III=NORMAL TIME

D PER CAR PREPARED FOR UNLOADING
A

E PER CRANE LIFT UNLOADED AND STOWED
B

F PER CAR PREPARED AND UNLOADED
A+B(C)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=
DETERMINE FROM DOD 5010.15.1=M,BA 1C
VOLUME,APPENDIX II

G ALLOWANCE FACTOR (AF)

PART V=STANDARD TIME

H PER CAR PREPARED FOR UNLOADING
D(G)

J PER CRANE LIFT=UNLOADED AND STOWED
E(G)

K PER CAR PREPARED AND UNLOADED
H+J(C)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	EUL	TR-28	JRCTUX1	VARIABLE	TRUCK(FLATBED),UNLOAD WITH WAREHOUSE TRUCK CRANE

PART I-ELEMENTS

A PREPARE TO UNLOAD FALTBED TRUCK
929 KJPCPXP

B UNLOAD AND REMOVE MATERIAL TO STORAGE LOCATION-PER CRANE LIFT
921 KSHCUX2

PART II-FREQUENCIES/OCCURENCES

C CRANE LIFTS PER TRUCK UNLOADED

PART III-NORMAL TIME

D TIME PER TRUCK PREPARED TO UNLOAD
A

E TIME PER CRANE LIFT TO UNLOAD
B

F TIME PER TRUCK PREPARED AND UNLOADED
A+B(C)

PART IV-PERSONAL FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

H TIME PER TRUCK PREPARED TO UNLOAD
D(G)

J TIME PER CRANE LIFT TO UNLOAD
E(G)

K TIME PER TRUCK PREPARED AND UNLOADED
H+J(C)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS WHEN NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	EUL	TR-15	JRCTUX2	VARIABLE	TRUCK(FLATBED),UNLOAD WITH YARD CRANE

PART I-ELEMENTS

A PREPARE FLATBED TRUCK FOR UNLOADING WITH YARD CRANE-PER TRUCK
929 KJPCPX8

B DOCUMENT PROCESSING PER BILL OF LADING OR FREIGHT BILL
222 SWRDP03

C UNLOAD FLATBED TRUCK BY CRANE AND MOVE MATERIAL TO STORAGE BY FORKLIFT-PER CRANE LIFT
921 KRCCUX1

PART II-FREQUENCIES/OCCURENCES

D CRANE LIFTS PER TRUCK TO UNLOAD

E NUMBER LINE ITEMS PER TRUCK

F LIFTS PER LINE (D/E)

PART III-NORMAL TIME

G PER TRUCK PREPARED TO UNLOAD
1 A+B -SOLID LOAD
2 A -MIXED LOAD

H PER CRANE LIFT TO UNLOAD
1 C = SOLID LOAD
2 B(1/D)+C = MIXED LOAD

J PER TRUCK PREPARED AND UNLOADED
1 G1+H1(D) = SOLID LOAD
2 G2+H2(D) = MIXED LOAD

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

K ALLOWANCE FACTOR (AF)

PART V-STANDARD TIME

L PER FLATBED TRUCK PREPARED TO UNLOAD
1 G1(K) = SOLID LOAD
2 G2(K) = MIXED LOAD

M PER CRANE LIFT TO UNLOAD
1 H1(K) = SOLID LOAD
2 H2(K) = MIXED LOAD

N PER TRUCK PREPARED AND UNLOADED
1 L1+M1(D) = SOLID LOAD
2 L2+M2(D) = MIXED LOAD

PART VI ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	EUL	TR-30	JRCVUX1	VARIABLE	VEHICLE(PIGGY-BACK),UNLOAD

PART I-ELEMENTS

A PREPARE AND UNLOAD PIGGY-BACK VEHICLES
921 KRCCUX3

B PROCESS DOCUMENTS-MOVE RECEIVED VEHICLE TO STORAGE
922 KRCVMX1

PART II-FREQUENCIES/OCCURENCES

NONE REQUIRED

PART III-NORMAL TIME

C PER PIGGY-BACK VEHICLE PREPARED AND UNLOADED
A

D PER VEHICLE STOWED
B

E PER PIGGY-BACK VEHICLE UNLOADED AND STOWED
A+B

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

F ALLOWANCE FACTOR (AF)

PART V-STANDARD TIME

G PER VEHICLE PREPARED AND UNLOADED
C(F)

H PER VEHICLE STOWED
D(F)

J PER VEHICLE UNLOADED AND STOWED
G+H

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	TUL	SS-37	KSHCLX1	CON/VAR	CARRIER(RAILROAD FLATCAR),LOAD WHEELED VEHICLE BY CRANE STARTS-WITH CRANE IN POSITION TO LOAD CAR, CREW START TO STORAGE LOCATION INCLUDES-ALL THE TIME NECESSARY TO TOW A WHEELED VEHICLE FROM STORAGE TO LOADING POINT AND LOAD VEHICLE ONTO A RAILROAD FLATCAR,BLOCK AND BRACE AND TIE DOWN VEHICLE,PROCESS DOCUMENTS ENDS-WITH VEHICLE SECURED TO RAILCAR AND RELATED DOCUMENTATION COMPLETE CONDITIONS-TIME IS PER WHEELED VEHICLE LOADED
					60917	CASE 1-1 CONSTANT TIME-PER VECHILE LOADED-MOUNT AND DISMOUNT TOW VEHICLE,MOUNT AND DISMOUNT VEHICLE TO BE LOADED(TWO MEN),HOOK AND UNHOOK VEHICLES,WALKING INCIDENT TO HOOK AND UNHOOK,LOAD WHEELED VEHICLE WITH CRANE,BLOCK, BRACE AND TIE DOWN WHEELED VEHICLE ON FLATCAR,DOCUMENT PROCESSING PER VEHICLE LOADED(922 MEHFP08,U MEVTM01, 922 MEHTH01,U BBMWU01,U BBMHC01,929 SSHVS02,222 SWRDP01,921 SEHML01)
						CASE A-1 VARIABLE TIME-TRAVEL FROM STORAGE LOCATION TO LOADING POINT AND RETURN-COMPUTE TIME FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENT 922 MEHVTXX
DL	921	TUL	SS-22	KSHCLX2	CON/VAR	CARRIER(COMMON),LOAD BY WAREHOUSE CRANE STARTS-WITH PICK UP MATERIAL IN HOLD AREA WITH A FORKLIFT TRUCK INLCUDES-ALL THE TIME NECESSARY TO PICK UP AND MOVE A LOAD FROM STORAGE TO A CARRIER AND LOAD THIS MATERIAL BY CRANE ENDS-WHEN FORKLIFT HAS RETURNED TO HOLD AREA, LOAD IS ON CAR AND DOCUMENTATION IS COMPLETE
					25885	CASE 1-2 CONSTANT TIME-PICK UP AND DROP LOAD BY FORKLIFT TRUCK,LOAD MATERIAL ON CARRIER BY CRANE,PROCESS DOCUMENTS PER FORKLIFT LOAD(922 THEPPFS, 922 THEPSAB,921 SEHML01,222 SWRDP01)
						A-2 VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO STORAGE LOCATION AND RETURN-COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
DL	921	TUL	SS-39	KSHCLX3	CON/VAR	CARRIER(FLATBED),LOAD(MOVE LOAD FROM STORAGE BY FORKLIFT AND LOAD ON FLATBED BY CRANE) STARTS-WITH FORKLIFT TRAVEL TO STORAGE LOCATION INCLUDES-ALL THE TIME NECESSARY TO TRAVEL BY FORKLIFT TO STORAGE,PICK UP LOAD,TRAVEL TO AND DROP FORKLIFT LOAD IN LOADING AREA,ATTACH CRANE SLING TO LOAD,PICK UP WITH CRANE AND PLACE LOAD ON FLATBED TRUCK,PROCESS DOCUMENT PER LOAD ENDS-WITH DOCUMENT PROCESSING COMPLETE AND CRANE SLING UNHOOKED FROM LOAD READY TO SWING BACK FOR NEXT PICK UP
					4071	CASE 1-3 CONSTANT TIME-PICK UP AND SET DOWN LOAD BY FORKLIFT TRUCK,HOOK AND UN-HOOK CRANE SLING,SWING AND LOWER MATERIAL TO TRUCK,PROCESS DOCUMENTS (922 TEHPPAE,922 TEHPSAB,921 MMHSP01, 921 MMHSR01,921 MMHSA01,U MOHP001, 222 SWRDP01-LIFT,SWING AND LOWER MATERIAL ONTO FLATBED TRUCK IS AN ESTIMATE OF 2000 TMUS
						A-3 VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO STORAGE LOCATION AND RETURN-COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	TUL	SL-15	KSHLCX4	CON/VAR	CARGO(U/W CODED),LOAD ON RAMP/ELEVATOR AIR-CRAFT
						STARTS-WITH LOWER ELEVATOR OR RAMP
						INCLUDES-ALL THE MOTIONS NECESSARY TO LOWER ELEVATOR OR RAMP,CHECK CLEARANCE OF PIECE AT AIRCRAFT,PLACE PIECE OR ALIGN TO RAMP,MOVE. PIECE INTO AIRCRAFT ON RAMP OR ELEVATOR,MOVE AND POSITION PIECE IN AIRCRAFT,TIEDOWN
						ENDS-WITH PIECE SECURED IN AIRCRAFT
					4084	CASE 1-4 CONSTANT TIME-TIE DOWN PIECE IN AIR-CRAFT(RAMP OR ELEVATOR LOADED)
					23850	2-4 CONSTANT TIME-LOAD BY ELEVATOR-CHECK CLEARANCE(ESTIMATE-2050 TMUS),LOWER ELEVATOR(921 MMHEL01),PLACE PIECE ON ELEVATOR(922 TEMPSAC),RAISE ELEVATOR (921 MMHEL01),UNHOOK ELEVATOR CABLES (921 MMHCU02),ARRANGE AND HOOK UP WINCH RIGGINGS(921 MMHRA01),LIFT AND MOVE PIECE TO PLACE IN AIRCRAFT(921 MMHPL01),MANUALLY POSITION PIECE IN AIRCRAFT(929 SOMCP01)
					56,678	3-4 CONSTANT TIME-RAMP LOADED AIRCRAFT-ARRANGE WINCH FOR LOADING UP RAMP(921 SMHWA01),POSITION AND ALIGN PIECE TO RAMP(929 MOMCA01),WINCH PIECE UP RAMP AND POSITION IN A/C(921 MMHCW01)
						A-4 VARIABLE TIME-ADD TIMES CASES 1-4 AND 2-4 OR 1-4 AND 3-4 AND MULTIPLY BY CREW SIZE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	EUL	TS-4	JSHCLX1	VARIABLE	CAR(RAIL,GONDOLA),LOAD WITH CRANE

PART I-ELEMENTS

A PREPARE GONDOLA CAR FOR LOADING
929 KJPCPXJ

B MOVE MATERIAL FROM STORAGE BY FORKLIFT AND LOAD BY CRANE
921 KSHCLX2

PART II-FREQUENCIES/OCCURENCES

C CRANE LIFTS PER CAR LOAD

PART III-NORMAL TIME

D PER GONDOLA CAR PREPARED FOR LOADING
A

E PER CRANE LIFT-MOVE FROM STORAGE
B

F PER CAR PREPARED AND LOADED
D+E(C)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR (AF)

PART V-STANDARD TIME

H PER CAR PREPARED FOR LOADING
D(G)

J PER CRANE LOAD MOVE FROM STORAGE,LOADED
E(G)

K PER CAR PREPARED AND LOADED
H+J(C)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
OL	921	EUL	TS-29	JSHCLX2	VARIABLE	CAR(RAIL,FLAT),LOAD VEHICLES-TOW TO LOAD AREA-LOAD WITH CRANE

PART I-ELEMENTS

A PREPARE FLATCAR FOR LOADING VEHICLES
929 KJPCPXR

B MOVE WHEELED VEHICLE TO CAR-LOAD BY CRANE-BLOCK AND BRACE VEHICLE ON CAR
921 KSHCLX1

PART II-FREQUENCIES/OCCURENCES

C VEHICLES PER CAR

PART III-NORMAL TIME

D PER CAR PREPARED FOR LOADING
A

E PER VEHICLE LOADED ON CAR
B

F PER CAR PREPARED AND LOADED
D+E(C)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR (AF)

PART V-STANDARD TIME

H PER CAR PREPARED FOR LOADING
D(G)

J PER VEHICLE LOADED ON CAR
E(G)

K PER CAR PREPARED AND LOADED
H+J(C)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	EUL	TS=3	JSHCLX3	VARIABLE	CAR(RAIL,FLAT),LOAD WITH CRANE

PART I=ELEMENTS

A PREPARE FLAT CAR FOR LOADING
929 KJPCPXY

B MOVE MATERIAL WITH FORKLIFT,LOAD WITH CRANE
921 KSHCLX2

PART II=FREQUENCIES/OCCURENCES

C CRANE LIFTS PER CAR LOADED

PART III=NORMAL TIME

D PER CAR PREPARED FOR LOADING
A

E PER CRANE LIFT TO LOAD
B

F PER CAR PREPARED AND LOADED
A+B(C)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=
DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR (AF)

PART V=STANDARD TIME

H PER CAR PREPARED FOR LOADING
D(G)

J PER CRANE LIFT TO LOAD
B(G)

K PER CAR PREPARED AND LOADED
H+J(C)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	EUL	TS-15	JSHTLX1	VARIABLE	TRUCK(FLATBED),LOAD WITH CRANE

PART I-ELEMENTS

A PREPARE FLATBED TRUCK TO LOAD WITH CRANE
929 KJPCPXE

B MOVE MATERIAL FROM STACK TO TRUCK BY FORKLIFT AND LOAD WITH CRANE-PER CRANE LIFT
921 KSHCLX2

PART II-FREQUENCIES/OCCURENCES

C CRANE LIFTS PER TRUCK LOADED

PART III-NORMAL TIME

D NORMAL TIME PER TRUCK PREPARED
A

E NORMAL TIME PER CRANE LIFT
B

F NORMAL TIME PER TRUCK PREPARED AND LOADED
A+B(C)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR (AF)

PART V-STANDARD TIME

H STANDARD TIME PER TRUCK PREPARED TO LOAD
D(G)

J STANDARD TIME PER CRANE LIFT
E(G)

K STANDARD TIME PER TRUCK PREPARED AND LOADED
H+J(C)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTOP OR LOCAL ELEMENTS TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	921	EUL	TS-28	JSHTLX3	VARIABLE	TRUCK(FLATBED),LOAD WITH CRANE TRUCK,WAREHOUSE
						PART I ELEMENTS
						A PREPARE FLATBED TRUCK FOR LOADING 929 KJPCPX8
						B MOVE MATERIAL BY FORKLIFT,LOAD MATERIAL ON TRUCK BY CRANE TRUCK,WAREHOUSE 921 KSHCLX4
						PART II-FREQUENCIES/OCCURENCES
						C NUMBER OF CRANE LIFTS PER TRUCK LOADED
						PART III-NORMAL TIME
						D PER TRUCK PREPARED TO LOAD A
						E PER CRANE LIFT TO LOAD B
						F PER TRUCK PREPARED AND LOADED A+B(C)
						PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1M,BASIC VOLUME,APPENDIX II
						G ALLOWANCE FACTOR (AF)
						PART V-STANDARD TIME
						H PER FLATBED TRUCK PREPARED FOR LOADING D(G)
						J PER CRANE LIFT TO LOAD E(G)
						K PER TRUCK PREPARED AND LOADED H+J(C)
						PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTOP OR LOCAL ELEMENTS TO ADJUST FOR LOCAL USE WHEN NEEDED
NO	922	MAL	HEOFE02	MEHCC01	173	CABLE,CONNECT AND DISCONNECT TO BATTERY (ELECTRIC FORKLIFT TRUCK) STARTS-WITH REACH TO PLUG INCLUDES-ALL THE MOTIONS NECESSARY TO INSERT THE PLUG INTO A SOCKET,SEAT THE PLUG,REMOVE HAND FROM PLUG AND TO REMOVE PLUG FROM SOCKET ASIDE PLUG AND MOVE HAND AWAY ENDS-WITH PLUG OUT AND HAND CLEAR CONDITIONS-APPLIES TO ELECTRIC FORKLIFT,BOOM LIFT AND SIMILAR VEHICLES-CABLE CONNECTS BATTERIES AND DRIVE UNIT
NO	922	MAL	HEOTE01	MEHCC02	258	CABLE,CONNECT AND DISCONNECT TO BATTERY (ELECTRIC TRANSPORTER) STARTS-WITH PLUG IN HAND INCLUDES-ALL THE TIME NECESSARY TO BEND DOWN, INSERT A PLUG INTO A SOCKET,SEAT FIRMLY,ARISE, BEND TO PLUG,REMOVE FROM SOCKET,ASIDE,STAND ENDS-WITH STAND AFTER ASIDING PLUG

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	EHMD	MEHCR01	2544	CONTAINER,RAISE AND PLACE DUNNAGE FOR EASY PICKUP STARTS-WITH FORKLIFT TRUCK IN FRONT OF THE CONTAINER INCLUDES-ALL THE TIME NECESSARY TO RAISE ONE END OF A CONTAINER,USING A FORKLIFT TRUCK, OBTAINING AND PLACING DUNNAGE UNDER THE CONTAINER AND LOWER THE CONTAINER ENDS-WITH FORKLIFT IN FRONT OF CONTAINER CONDITIONS-ALL WORK PERFORMED BY FORKLIFT TRUCK DRIVER,TIME TO DISMOUNT AND MOUNT IS INCLUDED-DOES NOT INCLUDE TIME TO WALK TO GET AND RETURN WITH DUNNAGE
DL	922	MAL	BEMD	MEHFMXX	VARIABLE	FORKLIFT TRUCK-K-LOADER,MOUNT,START,STOP AND DISMOUNT STARTS-WITH OPERATOR FACING THE VEHICLE INCLUDES-ALL THE TIME REQUIRED TO OPEN AND ENTER CAB ON K-LOADER OR MOUNT FORKLIFT,START UP,AND PREPARE VEHICLE TO TRAVEL-SHIFTING,ETC. ENDS-WITH THE VEHICLE SECURED-IGNITION OFF,ETC AND THE OPERATOR STANDING WITH BOTH FEET ON THE GROUND
					377	CASE 01 ELECTRIC FORKLIFT
					939	02 10/25/40 K-LOADER
AE	922	TAL	FTPTFXX	MEHFOXX	VARIABLE	FORKLIFT TRUCK,OPERATE STARTS-WITH REACH TO ACTUATE CONTROLS INCLUDES-ALL THE TIME NECESSARY TO GRASP AND MOVE CONTROLS TO START AND STOP THE DESIRED MOVEMENTS OF THE FORKS ENDS-WITH RELEASE OF CONTROLS AFTER MOVEMENT STOPS CONDITIONS-15000 POUND CAPACITY FORKLIFT TRUCK TIME TO MOUNT AND DISMOUNT IS NOT INCLUDED
					86	CASE 01 RAISE FORKS-FIRST FOOT
					61	02 RAISE FORKS-EACH ADDITIONAL FOOT
					63	03 LOWER FORKS-FIRST FOOT
					38	04 LOWER FORKS-EACH ADDITIONAL FOOT
					59	05 TILT BACK MAST-FIRST 10 DEGREES
					34	06 TILT BACK MAST-EACH ADDITIONAL 10 DEGREES
FFD	922	MAL	MEHFM03	MEHFPXX	VARIABLE	FORKLIFT TRUCK,PREPARE TO OPERATE STARTS-WITH REACH TO FORKLIFT TRUCK SEAT INCLUDES-ALL THE TIME NECESSARY TO MOUNT AND DISMOUNT,START ENGINE,SHIFT GEARS TO PUT FORK-LIFT INTO MOTION,SET AND RELEASE HAND BRAKE, SHUT OFF ENGINE ENDS-WITH OPERATOR DISMOUNTED AND READY TO WALK AWAY CONDITIONS-4000 POUND CAPACITY,GAS FORKLIFT TRUCK
					228	CASE 01 MOUNT FORKLIFT
					216	02 DISMOUNT FORKLIFT
					152	03 START FORKLIFT ENGINE
					108	04 SHIFT FORKLIFT INTO GEAR
					62	05 RELEASE HAND BRAKE
					62	06 SET HAND BRAKE
					34	07 SHUT OFF FORKLIFT ENGINE
					862	08 MOUNT,DISMOUNT,START,STOP,SET AND RELEASE HAND BRAKE,SHIFT INTO GEAR

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FBL	EHPL	MEHKPXX	VARIABLE	K LOADER,POSITION TO AIRCRAFT STARTS-WITH A MOVE TO THE AIRCRAFT INCLUDES-THIS ELEMENT INCLUDES ALL THE TIME NECESSARY TO POSITION A K LOADER TO AN AIRCRAFT PREPARATORY TO MOVING PALLETIZED CARGO INTO OR OUT OF THE AIRCRAFT-LIFTING THE RAIL PLATFORM TO THE CARGO DOORWAY AND ALIGNING THE LOADER TO THE ROLLER SYSTEM WHEN A 25 OR 40 LOADER IS USED. WHEN A 10K LOADER IS USED THE ALIGNMENT IS ALLOWED IN 929 MEHPU01 AND 929 MEHPL01 ENDS-WHEN THE LOADER IS POSITIONED AT THE CARGO DOORWAY CONDITIONS-TIME IS BASED ON A SIX MAN CREW
					8034	CASE 01 10K FORKLIFT LOADER
					14388	02 25 OR 40K LOADER
DL	922	FAL	EHGK	MEHKP03	5179	K LOADER(25/40K),POSITION TO TRANSFER DOCK STARTS-WITH A WALK TO THE LOADER INCLUDES-ALL THE TIME NECESSARY TO GET A 25/40 K LOADER AND POSITION IT TO THE TRANSFER DOCK ENDS-WITH THE LOADER POSITIONED AT THE DOCK
DL	922	TUL	BHKP	MEHKP04	1467	K LOADER(25/40 K),POSITION PRECISELY AT RAIL/ROLLER SYSTEM STARTS-WITH THE BED OF THE K LOADED RAISED OR LOWERED TO APPROXIMATE ALIGNMENT INCLUDES-ALL THE TIME NECESSARY TO PRECISELY ALIGN THE BED OF A K LOADER TO A RAIL/ROLLER SYSTEM ENDS-WITH THE BED OF THE K LOADER READY TO RECEIVE OR DISCHARGE CARGO
DL	922	FAL	EHFV	MEHPMXX	VARIABLE	PALLET(EMPTY),MOVE INTO OR OUT OF CARRIER USING FORKLIFT TRUCK STARTS-WITH THE FORKLIFT TRUCK PICKING UP THE PALLET INCLUDES-ALL THE TIME NECESSARY TO MOVE AN EMPTY PALLET INTO OR OUT OF BOXCARS AND TRAILERS ENDS-WITH PALLET MOVED AND DROPPED OR STACKED
					1118	CASE 01 MOVE INTO BOXCAR
					1443	02 MOVE OUT OF BOXCAR
					1041	03 MOVE INTO TRAILER
					1366	04 MOVE OUT OF TRAILER
DL	922	MAL	EHOP	MEHP001	13496	PALLET(463L),OBTAIN WITH PLASTIC BAG,CARGO NETS AND TRANSPORT TO BUILD UP PIT STARTS-WITH DRIVER ON FORKLIFT MOVING TO THE EQUIPMENT STORAGE AREA INCLUDES-ALL THE TIME NECESSARY TO DRIVE A FORKLIFT TO THE PALLET STORAGE AREA,OBTAIN TWO EMPTY 463L PALLETS,TEARING PLASTIC BAGS FROM THE ROLL AND SELECTING A SET OF TIE DOWN NETS FOR EACH PALLET AND RETURN TO THE BUILD UP PIT ENDS-WHEN THE ITEMS HAVE BEEN ASSEMBLED AT THE BUILD UP PIT CONDITIONS-TIME IS BASED ON TWO MEN OBTAINING TWO PALLETS PER TRIP
ND	922	FAL	AA2C	MEHPP01	533	PALLET(LOADED-2000 POUNDS),PICK UP IN RAILROAD CAR WITH ELECTRIC FORKLIFT STARTS-WITH START FORKLIFT IN MOTION INCLUDES-ALL THE TIME NECESSARY TO START FORK-LIFT TRUCK,ACCELERATE INTO RAILROAD CAR(10 FEET),LOWER AND TILT FORKS,RUN FORWARD 10 FEET AND PICK UP PALLET ENDS-WITH PICK UP PALLET,TILT FORKS BACK CONDITIONS-4000 POUND CAPACITY FORKLIFT TRUCK-DOES NOT INCLUDE MOVE AFTER PICK UP-ELECTRIC FORKLIFT TRUCK

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	922	FAL	BA2A3	MEHPP02	465	PALLET(LOADED 2000 POUNDS),PICKUP WITH ELECTRIC FORKLIFT TRUCK STARTS=WITH START OF FORKLIFT TRAVEL INCLUDES=ALL THE TIME NECESSARY TO RUN IN 10 FEET,LOWER FORKS SIX INCHES,FORWARD(SLOW)INTO PALLET,RAISE FORKS 24 INCHES AND TILT ENDS=WITH FORKLIFT TRUCK READY TO TRAVEL
NO	922	FAL	BA37A3	MEHPP03	447	PALLET(LOADED=4000 POUNDS),PICK UP WITH AN ELECTRIC FORKLIFT TRUCK STARTS=WITH REACH TO CONTROLS INCLUDES=ALL THE TIME NECESSARY TO ACTUATE CONTROLS,RAISE FORKS 12 INCHES,TILT MAST,RUN IN 10 FEET,RAISE FORKS SIX INCHES AND TILT ENDS=WITH LOAD ON FORKS READY TO MOVE CONDITIONS=4000 POUND CAPACITY FORKLIFT=ELECTRIC
NO	922	FAL	AA13A3	MEHPP04	321	PALLET(LOADED=4000 POUNDS),PICK UP WITH ELECTRIC FORKLIFT TRUCK STARTS=WITH REACH TO CONTROLS TO LOWER FORKS INCLUDES=ALL THE TIME NECESSARY TO LOWER FORK SIX INCHES,RUN IN 10 FEET,TILT AND RAISE FORKS SIX INCHES,START AND STOP ENDS=WITH FORKS RAISED READY TO TRAVEL CONDITIONS=4000 POUND CAPACITY FORKLIFT TRUCK=ELECTRIC
NO	922	FAL	AA13A5	MEHPS01	335	PALLET(LOADED=4000 POUNDS),SET DOWN WITH ELECTRIC FORKLIFT TRUCK STARTS=WITH FORKLIFT MOVING FORWARD(AFTER FIRST 10 FEET) INCLUDES=ALL THE TIME NECESSARY TO MOVE FORK=LIFT LAST 10 FEET,STOP,LOWER FORKS,BACK OUT 10 FEET ENDS=WITH CESSATION OF REVERSE MOVE
DL	922	EUL	BEHU	MEHTH01	744	TRAILER,HOOK/UNHOOK TO TRACTOR STARTS=WITH THE TRACTOR POSITIONED IN FRONT OF THE TRAILER INCLUDES=THE TIME REQUIRED TO BACK THE TRACTOR TOWARD THE TRAILER UNTIL THE PINTLE AND LUNETTE COUPLER ARE SECURELY CONNECTED ENDS=WHEN THE TRACTOR HAS MOVED FORWARD AWAY FROM THE TRAILER TO RELEASE THE PINTLE FROM THE LUNETTE COUPLER
DL	922	FAL	EHPT	MEHTP01	1780	TRANSPORTER,PLACE IN CARRIER OR REMOVE FROM CARRIER STARTS=WITH TRAVEL TO THE TRANSPORTER INCLUDES=ALL THE TIME NECESSARY TO TRAVEL 20 FEET TO THE TRANSPORTER,PICK IT UP,TRAVEL 30 FEET TO THE CARRIER,DROP THE TRANSPORTER AND RETURN TO THE WORK AREA ENDS=WITH FORKLIFT RETURNED TO WORK AREA

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	EHTV	MEHVTXX	VARIABLE	VEHICLE,TRAVEL TIMES(PRIME MOVER)(WHEEL) STARTS=WITH THE MOVEMENT OF THE TOW VEHICLE INCLUDES=A START,STOP AND NORMAL TURNS REQUIRED TO MOVE FROM ONE LOCATION TO THE OTHER WHETHER TOWING A LOAD OR TRAVELING WITHOUT A LOAD ENDS=WHEN VEHICLE STOPS CONDITION=TRAVEL AT AVERAGE SPEED OF FIVE MPH
					519	CASE 01 100 FEET
					897	02 200 FEET
					1275	03 300 FEET
					1653	04 400 FEET
					2031	05 500 FEET
					2409	06 600 FEET
					2787	07 700 FEET
					3165	08 800 FEET
					3543	09 900 FEET
					3921	10 1000 FEET
						FORMULAE=ONE WAY TRAVEL LESS THAN 100 FEET=190 PLUS(DISTANCE MINUS 13 FEET)X3.78 PER FOOT EQUALS TMU TIME PER DISTANCE OVER 100 FEET=519(FOR FIRST 100 FEET)PLUS 3.78 TMUS PER FOOT(OVER 100)EQUALS TMU TIME FOR DISTANCE
DL	922	FAL	BHFV	TEHF8XX	TABLE	FORKLIFT TRUCK,TRAVEL INTO/OUT OF BOXCAR OR TRAILER STARTS=WITH THE MOVEMENT OF THE FORKLIFT TRUCK EITHER(1)PRIOR TO ENTERING THE CARRIER OR (2)TOWARD THE CARRIER DOOR INCLUDES=ALL THE TIME NECESSARY TO MOVE INTO OR OUT OF BOXCARS AND TRAILERS WITH THE USE OF A FORKLIFT TRUCK. THE DROP PALLET ELEMENTS ALSO INCLUDE THE TIME TO DROP A PALLET IN THE CARRIER ENDS=WHEN THE FORKLIFT TRUCK STOPS IN FRONT OF THE MATERIAL OR PALLET, THE DROP PALLET ELEMENTS END WITH THE PALLET ON THE FLOOR PRIOR TO THE REVERSE TRAVEL OF THE FORKLIFT TO REMOVE THE BLADES FROM THE PALLET

TRAVEL CONDITION		NO LOAD A	WITH LOAD B
OUT OF BOXCAR	A	453	465
OUT OF TRAILER	B	376	389
INTO BOXCAR	C	411	436
INTO TRAILER	D	334	360
INTO BOXCAR TO PICK UP PALLET	E	453	
INTO TRAILER TO PICK UP PALLET	F	376	
INTO BOX CAR AND DROP PALLET	G		478
INTO TRAILER AND DROP PALLET	H		402

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	922	TAL	HEOFEXX	TEHFEXX	TABLE	FORKLIFT(ELECTRIC),OPERATE

STARTS=WITH START OF FORK MOVEMENT OR START OF MACHINE TRAVEL

INCLUDES=ALL THE TIME NECESSARY FOR THE FORKS TO MOVE UP OR DOWN THE DESIRED DISTANCE OR FOR FOR THE FORKLIFT TO TRAVEL THE DESIRED DISTANCE

ENDS=AFTER COMPLETION OF DESIRED MOVEMENT

LOAD OR CONDITION		FORK MOVEMENT PER SIX INCHES UP A	FORK MOVEMENT PER SIX INCHES DOWN B	TRAVEL START-RUN FIRST 10 FT. C	TRAVEL RUN EACH ADDITIONAL FOOT FAST D	TRAVEL RUN EACH ADDITIONAL FOOT SLOW E
FORKLIFT=4000 POUND CAPACITY						
EMPTY	A	23	23	60	5	
2000 LBS	B	32	24	60	5	8
4000	C	44	25	60	5	8
FORKLIFT=AUTOMATIC=6000 POUND CAPACITY						
		A	B	C	D	E
EMPTY	D	33	30	90	5	
2000 LBS	E	41	28	100	5	
4000 LBS	F	47	28	100	5	9
FORKLIFT=EXPLOSION PROOF=6000 POUND CAPACITY						
		A	B	C	D	E
EMPTY	G	39	38	90	5	
2000 LBS	H	44	37	90	5	9
4000 LBS	J	55	35	90	5	9

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	BHFT	TEHFOXX	TABLE	FORKLIFT TRUCK(THREE TON CAPACITY),OPERATION

STARTS-WITH FORKLIFT OPERATOR ON FORKLIFT TRUCK

INCLUDES-TIME VALUES FOR ALL BASIC MOTIONS THAT ARE PERFORMED BY A STANDARD RIDER TYPE FORKLIFT TRUCK WITH CAPACITIES UP TO THREE TONS

ENDS-WITH FORKLIFT OPERATOR ON FORK TRUCK

FORKLIFT MOTION		FORKLIFT LOADS (LBS) EMPTY A	1000 B	2000 C	3000 D	4000 E
FORWARD	A	3.8	4.0	4.0	4.0	4.5
REVERSE	B	3.8	4.0	4.0	4.0	4.5
ACCELERATE	C	50	42	42	42	42
STOP	D	33	55	57	58	60
RUN IN 1ST LEVEL	E	133	133	133	117	117
RUN IN 2ND LEVEL	F	133	150	183	167	167
RUN IN 3RD LEVEL	G	183	200	217	200	200
RUN OUT 1ST LEVEL	H	100	108	108	100	100
RUN OUT 2ND LEVEL	J	100	108	117	100	100
RUN OUT 3RD LEVEL	K	100	117	117	133	133
RIGHT FWD	L	92	92	92	92	92
RIGHT REV	M	92	92	92	92	92
RIGHT FWD STOP	N	117	117	117	125	125
RIGHT REV STOP	P	108	142	133	133	133
LEFT FWD	R	92	92	92	92	92
LEFT REV	S	92	92	92	92	92
LEFT FWD STOP	T	100	100	100	100	100
LEFT REV STOP	U	108	125	125	108	117
TILT	V	42	42	42	42	42
HOIST UP	W	4.7	4.8	5.0	5.0	5.5
HOIST DOWN	Y	5.0	8.0	8.0	8.0	8.0

DATA SOURCE: DL | OCCUPATION: 922 | QUALITY: FAL | SOURCE CODE: EHTT | DWMSTDP ELEMENT: TEHFTXX | TMU VALUE: TABLE

FORKLIFT TRUCK-TRACTOR,TRAVEL
STARTS-WITH MOVEMENT OF FORKLIFT
INCLUDES-ALL THE TIME NECESSARY TO COMPLETE A ROUND TRIP OF TRAVEL-INCLUDES A START AND STOP,AND NORMAL TURNS AND PROVIDE FOR ONE WAY TRAVEL EMPTY AND ONE WAY WITH A LOAD.NO TIMES ARE INCLUDED FOR RUN IN,PICK UP,RUN OUT OR DROP LOAD
ENDS-WHEN FORKLIFT STOPS MOVEMENT

ONE WAY DISTANCE FEET		ROUND TRIP TIME FORKLIFT TRUCK A	WAREHOUSE TRACTOR B
10	A	245	165
20	B	410	315
30	C	570	485
40	D	750	645
50	E	830	805
60	F	950	950
70	G	1055	1100
80	H	1142	1230
90	J	1226	1356
100	K	1310	1482
EACH ADDITIONAL 100 FT	L	840	1260

FORMULAE-APPLY ONLY WHEN THE ONE WAY DISTANCE EXCEEDS 75 FEET

FORKLIFT TRUCK-470 PLUS 8.4 TMUS PER FOOT TRAVELED

WAREHOUSE TRACTOR-222 PLUS 12.6 TMUS PER FOOT TRAVELED

NOTE-TIMES OBTAINED FROM FORMULAE ARE ROUND TRIP TIMES

DATA SOURCE: NO | OCCUPATION: 922 | QUALITY: TAL | SOURCE CODE: HEOFEXX | DWMSTDP ELEMENT: TEHOFXX | TMU VALUE: TABLE

FORKLIFT(ELECTRIC),OPERATE
STARTS-WITH ACTUATE CONTROLS
INCLUDES-ALL THE TIME NECESSARY TO ACTUATE CONTROLS AND PERFORM THE DESIRED ACTION
ENDS-AFTER COMPLETION OF DESIRED ACTION

ACTION		FORKLIFT TRUCK CAPACITY-POUNDS 4000 A	6000 B
RUN IN-FROM TWO FFET OUT	A	103	103
RUN OUT-TO TWO FEET	B	64	64
ACTUATE CONTROLS-START FORWARD/REVERSE	C	39	39
FORK OPERATION-CONTROLS START AND STOP	D	43	43
TILT MAST	E	88	88

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	BHFP	TEHPPXX	TABLE	PALLETS/UNIT LOADS,PICK UP WITH FORKLIFT TRUCK STARTS-WITH A TURN OF THE FORKLIFT TRUCK TO RUN THE BLADES INTO THE PALLET(S)/UNIT LOADS INCLUDES-ALL THE TIME NECESSARY TO PICK UP PALLET(S) OF MATERIAL ON THE FORKLIFT TRUCK BLADES AND MOVE THE PALLET OFF AND/OR AWAY FROM OTHER PALLETIZED MATERIAL ENDS-WITH THE BLADES LOWERED TO 4 INCHES ABOVE GROUND LEVEL AND THE FORKLIFT TRUCK PREPARED TO TRAVEL WITH THE LOAD

CONDITION		ONE PALLET A	TWO PALLETS B
PALLET(S)/UNIT LOADS ON FLOOR,NO TURN REQUIRED TO PICKUP OR TRAVEL	A	283	303
PALLET(S)/UNIT LOADS ON FLOOR,TURN AND STOP PRIOR TO OR AFTER PICKUP	B	408	428
PALLET(S)/UNIT LOADS IN STORAGE			
1ST LEVEL ONLY	C	525	545
2ND LEVEL ONLY	D	653	
1ST OR 2ND LEVEL	E	589	
3RD LEVEL ONLY	F	1082	1227
UP TO 3 LEVELS	G	753	886
UP TO 4 LEVELS	H	836	

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	BHFS	TEHPSXX	TABLE	PALLET(S)/UNIT LOADS,STACK WITH FORKLIFT TRUCK STARTS-WITH A TURN OF THE FORKLIFT TRUCK INTO THE STOW AREA INCLUDES-THE TIME TO RAISE THE PALLET(S)/UNIT LOADS AND/OR STACK THE PALLET(S)/UNIT LOADS ENDS-WITH BLADES REMOVED FROM THE LOAD AND LOWERED TO 4 INCHES ABOVE GROUND LEVEL AND THE FORKLIFT TRUCK PREPARED TO TRAVEL AWAY FROM THE STACKED MATERIAL

CONDITION		ONE PALLET A	TWO PALLETS B
PALLET(S)/UNIT LOADS ON FLOOR,NO TURN REQUIRED TO STACK OR TRAVEL	A	275	271
PALLET(S)/UNIT LOADS ON FLOOR,TURN AND STOP PRIOR TO STACKING OR TRAVEL	B	392	396
PALLET(S)/UNIT LOADS IN STORAGE			
1ST LEVEL ONLY	C	500	504
2ND LEVEL ONLY	D	762	
1ST OR 2ND LEVEL	E	631	
3RD LEVEL ONLY	F	1283	1520
UP TO 3 LEVELS	G	848	1012
UP TO 4 LEVELS	H	957	

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	922	TAL	HEOTEXX	TEHTOXX	TABLE	TRANSPORTER(ELECTRIC),OPERATE STARTS=WITH OPERATOR STANDING AT HANDLE INCLUDES=ALL THE TIME NECESSARY TO REACH TO THE CONTROLS,ACTUATE THE CONTROLS TO PERFORM THE DESIRED OPERATION OR TO START THE TRANSPORTER IN MOTION=FORWARD OR REVERSE ENDS=WITH RELEASE CONTROLS,MOVE HANDS TO HANDLE OR STOP MOVEMENT CONDITIONS=6000 POUND CAPACITY ELECTRIC TRANSPORTER

ACTION		EMPTY	2000 POUNDS	4000
		A	B	C
RUN IN=FOUR FEET	A		67	67
RUN OUT=FOUR FEET	B		73	73
RAISE LIFT	C		131	155
LOWER LIFT	D		78	80
START=TRAVEL FIRST FIVE FEET=PER FOOT	E	6	57	77
TRAVEL EACH FOOT AFTER FIRST FIVE FEET=PER FOOT	F	6	7	8

DL	922	MAL	EHCC	SEHCMX1	CON/VAR	CARGO(SECURITY),MOVE FROM SECURITY CAGE/ROOM STARTS=WITH UNLOCK CAGE DOOR INCLUDES=ALL THE MOTIONS NECESSARY TO UNLOCK SECURITY CAGE DOOR/GATE,OPEN DOOR/GATE,FORK-LIFT TRUCK TRAVEL INTO CAGE/ROOM AND PICK UP CARGO,TRAVEL OUT OF GATE/ROOM,MAKE ENTRY IN LOG BOOK,CLOSE AND LOCK GATE/DOOR,CHECK IDENTITY OF CARGO REMOVED FROM SECURITY CAGE ENDS=WITH CARGO OUT OF ROOM READY TO MOVE TO NEXT OPERATION CONDITIONS=TIME IS FOR ONE MAN=OPERATION IS NORMALLY A TWO=MAN OPERATION(MULTIPLY TOTAL BY 2)=TIME IS PER PIECE
					1019	CASE 1=1 CONSTANT TIME=IDENTIFY CARGO,CHECK OFF MANIFEST,SORT IF REQUIRED(922 MID CC01) A=1 VARIABLE TIME=PICK UP PALLET OF CARGO WITH FORKLIFT TRUCK IN SECURITY CAGE,(922 TEHPPXX AND DIVIDE BY NUMBER OF PIECES PER PALLET) B=1 VARIABLE TIME=FORKLIFT TRUCK IN AND OUT OF CAGE(COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEH FTXX AND DIVIDE BY PIECES PER PALLET) C=1 VARIABLE TIME=UNLOCK,OPEN GATE,CLOSE AND LOCK GATE,SIGN IN/OUT(DETERMINE TIME FROM ELEMENTS U MNFL001,U MNF LC01,929 MOHG001,U MWRSW01 AND DIVIDE BY NUMBER OF PIECES REMOVED FROM CAGE FOR EVERY UNLOCK AND LOCK DOOR/GATE) D=1 VARIABLE TIME=WALK TO LOG,GET PEN FROM POCKET,ENTER DATE,FSN,DESCRIPTION,QUANTITY,SIGN LOG,RETURN PEN TO POCKET,WALK OUT OF CAGE(DETERMINE TIME FROM ELEMENTS U TBMHC01,U MWR DN03,U BWRNG01,U BWRPA02,U MWRWW01, U BWRLP01 AND DIVIDE BY NUMBER OF PIECES REMOVED PER ENTRY IN LOG) E=1 VARIABLE TIME=TRAVEL TO DROP POINT OR TO CARRIER FOR LOADING(COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEH FTXX AND DIVIDE)

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	EHFD	SEHDPX1	CON/VAR	DOLLY(PALLET),PLACE IN CARRIER BY FORKLIFT TRUCK AND RETURN DOLLY TO STORAGE STARTS-WITH FORKLIFT TRAVEL TO DOLLY INCLUDES-ALLTHE TIME NECESSARY TO TRAVEL TO DOLLY,AND RETURN,PICK UP DOLLY,DROP IN CARRIER AND PICK UP DOLLY IN CARRIER,MOVE DOLLY TO STORAGE,DROP DOLLY IN STORAGE AND RETURN TO CARRIER ENDS-WITH RETURN FORKLIFT TO CARRIER
					1825	CASE 1-1 CONSTANT TIME-PICK UP PALLET DOLLY IN STORAGE AND IN CARRIER,DROP DOLLY IN CARRIER AND IN STORAGE(922 TEHPP AB,922 TEHPPAC,922 TEHPSAC,922 TEHPS AB) A-1 VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO GET DOLLY AND MOVE TO CARRIER,TO MOVE DOLLY FROM CARRIER TO STORAGE-COMPUTE TRAVEL TIME FOR LOCAL DISTANCES FROM ELEMENT 922 TEHFTXX
DL	922	MAL	EHFF	SEHFL01	8104	FORKLIFT TRUCK(3000-6000 POUND),LOAD/UNLOAD TO OR FROM CARRIER WITH 15000 POUND FORKLIFT STARTS-WITH DRIVE FORKLIFT ON LOADING PLATFORM INCLUDES-ALL THE TIME NECESSARY TO DRIVE THE FORKLIFT ON THE LOADING PLATFORM,PICK UP PLATFORM WITH LARGER LIFT,MOVE TO CARRIER AND PLACE LOAD IN OR TAKE LOAD OUT OF CARRIER, RETURN TO PICK UP POINT,FORKLIFT TRUCK OPERATOR CLIMB IN AND OUT OF CARRIER,DRIVE FORKLIFT ON AND OFF OF PLATFORM ENDS-WITH FORKLIFT OFF OF LOADING PLATFORM ON GROUND,PLATFORM ASIDED CONDITIONS-DOES NOT INCLUDE FORKLIFT OR OPERATOR TRAVEL
DL	922	FAL	EHSS	SEHF001	2020	FORKLIFT TRUCK,OPERATIONS IN STORAGE AND STRAPPING AREA STARTS-WITH A TURN OF FORKLIFT TO RUN THE BLADES INTO THE PALLET INCLUDES-ALL THE TIME NECESSARY TO PICK UP A PALLET OF MATERIAL IN THE STORAGE AREA,DROP IT IN THE STRAPPING AREA,PICK UP STRAPPED PALLET AND DROP IT IN STORAGE OR CONSOLIDATION AREA ENDS-WITH BLADES REMOVED FROM PALLET AND READY TO TRAVEL AWAY FROM PALLET CONDITIONS-TIME VALUES FOR DISTANCE TRAVELED SHOULD BE EXTRACTED FROM 922 TEHFTXX TABLE
DL	922	FAL	SP-10	SEHLP01	1789	LOAD,PICK UP WITH FORKLIFT,MOVE AND STACK STARTS-WITH PICK UP LOAD WITH FORKLIFT TRUCK INCLUDES-ALL THE TIME NECESSARY TO PICK UP LOAD FROM FLOOR WITH TURN AND STOP PRIOR TO OR AFTER PICK UP,MOVE LOAD TO DESIRED LOCATION AND STACK AT FIRST OR SECOND LEVEL,FORKLIFT RETURN TO PICK UP POINT ENDS-WITH FORKLIFT READY TO PICK UP NEXT LOAD CONDITIONS-DISTANCE FROM PICK UP TO STOW IS 40 FEET

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	SEHMPX1	SEHMPX1	CON/VAR	MATERIAL,PICK UP,TRANSPORT,DROP WITH FORKLIFT TRUCK STARTS-WITH FLT OPERATOR WALK TO FLT INCLUDES-ALL THE MOTIONS NECESSARY TO GET ON FLT,TRAVEL TO PICK UP POINT,PICK UP MATERIAL ON SKID OR PALLET,TRAVEL TO DROP POINT,SET DOWN MATERIAL,BACK CLEAR ENDS-WITH FLT CLEAR OF SKID OR PALLET READY TO TRAVEL
					646	CASE 1=1 CONSTANT TIME=MOUNT FORKLIFT TRUCK, OPERATE CONTROLS TO STOP AND START (922 MEHFPXX) A=1 VARIABLE TIME=SET DOWN MATERIAL ON SKID OR PALLET(922 TEHPPXX) B=1 VARIABLE TIME=SET DOWN MATERIAL ON SKID OR PALLET(922 TEHPSXX) C=1 VARIABLE TIME=FLT TRAVEL TO MATERIAL AND TRAVEL WITH MATERIAL TO DROP POINT(922 TEHFTXX) D=1 VARIABLE TIME=OPERATOR WALK TO FLT (U BBMWU01) NOTE=TO START ELEMENTS WITH OPERATOR ON FLT OMIT CASE 1=1(CONSTANT TIME)FROM TOTAL= TO INCLUDE DISMOUNT FLT ADD 922 MEHFP02= 216 TMUS
DL	922	MAL	EMRE	SEHMRX1	CON/VAR	MATERIAL(BOLT),RETURN TO STORAGE STARTS-WITH DISMOUNT FORKLIFT TRUCK INCLUDES-ALL THE TIME TO WALK TO MATERIAL AND RETURN TO FORKLIFT,PICK UP BOLT OF MATERIAL AND PLACE ON FORKLIFT BLADES,MOUNT LIFT,TILT BLADES,DISMOUNT FORKLIFT,WALK TO PALLET ON BLADES,PICK UP BOLT OF MATERIAL,WALK TO AND PLACE BOLT IN STORAGE,RETURN TO FORKLIFT ENDS-WITH MOUNT FORKLIFT TRUCK
					2546	CASE 1=1 MOUNT AND DISMOUNT FORKLIFT TRUCK TWO TIMES,WALK TO GET BOLT OF MATERIAL AND RETURN WITH MATERIAL(FOUR PACES),PICK UP AND PUT DOWN BOLT TWO TIMES,WALK TO MATERIAL ON BLADES AND RETURN TO MOUNT LIFT,WALK FOUR PACES TO PLACE BOLT IN STORAGE AND RETURN (922 MEHFP08,U BBMWU01,U MOHOP03, U BBMW001,U BBMHC01) A=1 VARIABLE TIME=FORKLIFT TRAVEL TO STORAGE,ONE WAY=COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
DL	922	FAL	STC=12	SEHPGX1	CON/VAR	PALLET(EMPTY),GET(SINGLE),RETURN STACK STARTS-WITH OPERATOR ON FLT READY TO MOVE INCLUDES-ALL THE MOTIONS NECESSARY TO TRAVEL BY FORKLIFT TRUCK TO EMPTY PALLET STACK,PICK UP EMPTY PALLET FROM TOP OF STACK,TRANSPORT EMPTY PALLET TO WORK AREA AND DROP,PICK UP STACK OF PALLETS(EMPTY)AND RETURN TO EMPTY PALLET STORAGE ENDS-WITH STACK IN STORAGE LOCATION
					981	CASE 1=1 CONSTANT TIME=PICK UP EMPTY APLLET (922 TEHPPAE)=DROP EMPTY PALLET IN WORK AREA(922 TEHPSA8) A=1 VARIABLE TIME=PICK UP STACK OF EMPTY PALLETS(922 TEHPPA8=408 TMUS),TRAVEL TO STORAGE AREA(922 TEHFTXX)=COMPUTE TIME FOR LOCAL DISTANCE)=DROP STACK OF EMPTY PALLETS IN STORAGE(922 TEH PSAE=631 TMUS)=DIVIDE BY PALLETS PER STACK B=1 FORKLIFT TRUCK TRAVEL TO GET SINGLE EMPTY PALLET,RETURN(922 TEHFTXX)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	EHFC	SEHPLXX	VARIABLE	PALLET(LOADED),LOAD INTO CARRIER BY FORKLIFT TRUCK STARTS-WITH PALLET ON FORKLIFT AT ENTRANCE TO CARREIR INCLUDES-ALL THE TIME NECESSARY TO MOVE PALLET INTO CARRIER,DROP AND TRAVEL OUT ENDS-WITH FORKLIFT RETURNED TO STARTING POINT CONDITIONS-DOES NOT INCLUDE TRAVEL TO CARRIER OR PICK UP PALLET LOAD
					778	CASE 01 MOVE PALLET INTO TRUCK TRAILER-RETURN
					931	02 MOVE PALLET INTO BOXCAR-RETURN
DL	922	FAL	SP-17	SEHPMX1	CON/VAR	PACK,MOVE WITH FORKLIFT TRUCK STARTS-WITH OPERATOR MOUNTED ON FORKLIFT READY TO MOVE INCLUDES-ALL THE TIME NECESSARY TO TRAVEL BY FORKLIFT TRUCK TO PACK AND RETURN,PICK UP PACK AND TRAVEL TO HOLD AREA AND RETURN,DROP PACK IN HOLD AREA ENDS-WITH DISMOUNT FORKLIFT TRUCK AFTER RETURN TO STARTING POINT CONDITIONS-PICK UP PACK FROM FIRST OR SECOND LEVEL AND DROP OR STACK AT FIRST OR SECOND LEVEL-TIME IS ALLOWED TO MOUNT AND DISMOUNT FORKLIFT ONE TIME FOR TWO TRIPS
					1651	CASE 1-1 CONSTANT TIME-PICK UP AND DROP PACK DISMOUNT FORKLIFT(922 TEHPPAE,922 TEH PSAE,922 MEHFP08 A-1 VARIABLE TIME-FORKLIFT TRAVEL TO PACK AND RETURN AND WITH PACK TO HOLD AREA AND RETURN-COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEH FTXX
DL	922	MAL	EHTD	SEHPM01	10536	PALLET(463L),MOVE ONTO TRANSFER LOADING DOCK STARTS-WITH FORKLIFT TRAVEL TO THE DOCK INCLUDES-ALL THE TIME NECESSARY TO FORKLIFT A PALLET OF CARGO FROM THE SCALE TO THE TRANSFER DOCK,POSITION THE TRAILER TO THE DOCK,UNLOCK AND MOVE THE PALLET ONTO THE TRANSFER DOCK ENDS-WHEN FORKLIFT AND CREW HAVE RETURNED TO THE BUILD UP PIT CONDITIONS-TIME IS BASED ON A TWO MAN CREW
DL	922	FAL	SI-5	SEHPOX1	CON/VAR	PALLET(EMPTY),OBTAIN WITH FORKLIFT TRUCK STARTS-WITH FORKLIFT BEGIN TRAVEL TO PALLET STACK INCLUDES-ALL THE TIME NECESSARY TO TRAVEL BY FORKLIFT TO PALLET STORAGE,PICK UP EMPTY PALLET FROM FIRST LEVEL STORAGE ENDS-WITH PALLET PICKED UP READY TO START RE-TURN
					525	CASE 1-1 CONSTANT TIME-PICK UP EMPTY PALLET FROM STORAGE LOCATION-(922 TEHPPAC) A-1 VARIABLE TIME-TRAVEL BY FORKLIFT TO PALLET STORAGE-COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	EHPD	SEHPOX2	CON/VAR	PALLET(463L-EMPTY),OBTAIN AND PLACE IN BUILD UP PIT STARTS-WITH WALK TO EQUIPMENT(10K LOADER) STORAGE INCLUDES-ALL THE MOTIONS NECESSARY TO GET K LOADER,TRAVEL TO TRAILER STORAGE,PICK UP TRAILER FROM STACK,TRAVEL TO PIT,PLACE TRAILER ON BUILD UP PIT ENDS-WITH TRAILER ON BUILD UP PIT CONDITIONS-TIME IS INCLUDED TO MOUNT AND DISMOUNT 10K LOADER ONE TIME PER CYCLE
					2192	CASE 1-2 CONSTANT TIME-MOUNT AND DISMOUNT 10K LOADER(922 MEHFM02),PICK UP TRAILER (922 TEHPPAG),SET DOWN TRAILER(922 TEHPSAC) A-2 VARIABLE TIME-WALK TO 10K LOADER-(COMPUTE FOR LOCAL DISTANCE FROM ELEMENTS U 88MWU01 AND U 88MHC01) B-2 VARIABLE TIME-FORKLIFT TRUCK(10K LOADER)TRAVEL FROM FLT STORAGE TO TRAILER STORAGE AND FROM TRAILER STORAGE TO BUILD UP PIT(COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEH FTXX)
NO	922	FAL	881A1	SEHPPX1	CON/VAR	PALLET(LOADED),PICK UP AND MOVE WITH ELECTRIC STANDUP OPERATED FORKLIFT TRUCK STARTS-WITH WALK TO FORKLIFT INCLUDES-ALL THE TIME NECESSARY TO WALK TO FORKLIFT,MOUNT AND DISMOUNT,PICK UP PALLET LOAD AND MOVE LOAD TO STORAGE,WALK TO WORKSITE AFTER DISMOUNTING FORKLIFT,START AND STOP ENDS-WITH RETURN TO WORKSITE CONDITIONS-4000 POUND CAPACITY FORKLIFT TRUCK-ELECTRIC
					1056	CASE 1-1 CONSTANT TIME-ACTUATE FORKLIFT CONTROL,RAISE FORKS SIX INCHES,LOWER FORKS SIX INCHES,START AND STOP, REVERSE,RUN IN AND OUT OF PALLET 922 TEHFEXX A-1 VARIABLE TIME-FORKLIFT TRAVEL TO AND FROM STORAGE LOCATION-STARTS AFTER FIRST 10 FEET OF TRAVEL AND ENDS PRIOR TO LAST 10 FEET-COMPUTE TIME FROM ELEMENT 922 TEHFEXX FOR LOCAL DISTANCE-FIVE TMUS PER FOOT,FAST TRAVEL AND 8 TMUS PER FOOT SLOW TRAVEL B-1 VARIABLE TIME-WALK TO FORKLIFT AND RETURN-COMPUTE FROM ELEMENT U 88MWOXX AND U 88MHC01-17 TMUS PER PACE AND 19 TMUS PER TURN C-1 MOUNT AND DISMOUNT ELECTRIC(STAND UP OPERATED)FORKLIFT TRUCK,ELEMENT 922 MEHFP01 AND 922 MEHFP02-126 TMUS-

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	TAL	SEHPPX2	SEHPPX2	CON/VAR	PALLET(WAREHOUSE),POSITION AT AIRCRAFT FOR UNLOADING STARTS-WITH TURN FORKLIFT TRUCK TO RUN IN TO PICK UP EMPTY PALLET INCLUDES-ALL TEH MOTIONS NECESSARY TO PICK UP EMPTY PALLET WITH FORKLIFT TRUCK,TRAVEL TO AIRCRAFT,RAISE PALLET AND POSITION AT UNLOADING DOOR,LOWER LOADED PALLET AND TRAVEL TO TRAILER,DROP PALLET ON TRAILER ENDS-WITH LOADED PALLET ON TRAILER,FORKLIFT BACKED OUT AND READY TO TRAVEL
					1749	CASE 1-2 CONSTANT TIME-PER PALLET-PICK UP EMPTY PALLET,RAISE AND LOWER PALLET AT AIRCRAFT,DROP PALLET ON TRAILER (922 TEHPPA8,922 MEHF001,922 MEHF002, 922 MEHF003,922 MEHF004,922 TEHPSAC)
						A-2 VARIABLE TIME-FORKLIFT TRUCK TRAVEL WITH EMPTY PALLET TO AIRCRAFT,FORKLIFT TRUCK TRAVEL FROM AIRCRAFT TO TRAILER WITH LOADED PALLET(COMPUTE TIME FOR LOCAL DISTANCES FROM ELEMENT 922 TEHFTXX)
DL	922	FAL	SS-21	SEHPRX1	CON/VAR	PALLET(EMPTY),REMOVE FROM CAR,RETURN TO STOW STARTS-WITH WALK TO PALLET(EMPTY) INCLUDES-ALL THE TIME NECESSARY TO WALK TO EMPTY PALLET,PICK UP PALLET(MANUALLY),CARRY PALLET OUT OF CARRIER,PLACE PALLET ON STACK, PICK UP STACK WITH FORKLIFT TRUCK,TRAVEL TO STOW AND DROP PALLETS ENDS-WITH PALLETS STACKED IN STORAGE AREA
					155	CASE 1-1 CONSTANT TIME-PICK UP,SET DOWN PALLET MANUALLY-PER PALLET(U MOHP001)
						A-1 VARIABLE TIME-WALK TO PALLET AND CARRY OUT OF CARRIER-DETERMINE TIME FOR LOCAL DISTANCE FROM ELEMENT 929 MOHPMXX-TIME IS PER PALLET
					1220	B-1 VARIABLE TIME-FORKLIFT PICK UP PALLET STACK,DROP PALLETS-COMPUTE TIME PER PALLET BY DIVIDING TIME BY NUMBER OF PALLETS PER STACK(922 TEHPPXX,922 TEHPSXX)
						C-1 VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO EMPTY PALLET STACK,MOVE PALLETS TO STOW-COMPUTE TRAVEL TIME FROM ELEMENT 922 TEHFTXX-TO DETERMINE TIME PER PALLET DIVIDE COMPUTED TRAVEL TIME BY NUMBER OF PALLETS PER STACK MOVED
DL	922	MAL	EHEW	SEHPRX2	CON/VAR	PALLET(EMPTY),RETURN TO STORAGE STARTS-WITH REACH TO GRASP EMPTY PALLET INCLUDES-ALL THE TIME NECESSARY TO MOVE EMPTY SKID/WAREHOUSE PALLET TO STACK BY HAND,PICK UP STACK WITH FORKLIFT,MOVE PALLET STACK TO STORAGE AND DROP ENDS-WITH FORKLIFT RETURN TO PICK UP POINT
					550	CASE 1-2 CONSTANT TIME-PICK UP AND SET DOWN EMPTY PALLET(MANUALLY),MOVE PALLET TO STACK(U MOHP003,U 88MW001,U 88MHC01)
					1039	A-2 VARIABLE TIME-PICK UP AND DROP STACK BY FORKLIFT TRUCK-DIVIDE TIME BY NUMBER OF PALLETS PER STACK MOVED (922 TEHPPA8,922 TEHPSAE) FOR PER PALLET TIME
						B-2 VARIABLE TIME-FORKLIFT TRAVEL TO STORAGE WITH PALLET STACK AND RETURN COMPUTE TRAVEL TIME PER PALLET BY DIVIDING TRAVEL TIME OBTAINED FROM ELEMENT 922 TEHFTXX BY NUMBER PALLETS PER STACK MOVED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	EHEP	SEHPR01	3828	PALLET(463L-EMPTY),RETURN TO STORAGE STARTS-WITH REACH TO 463L PALLET INCLUDES-ALL THE TIME NECESSARY TO SLIDE A 463L PALLET ONTO A WAREHOUSE PALLET,PLACE CARGO NETS TOP OF PALLET STACK,PICK UP STACK WITH 10K FORKLIFT,SET DOWN STACK,MOUNT AND DISMOUNT FORKLIFT,STRAIGHTEN AND HANG NETS, PICK UP WAREHOUSE PALLETS,DROP AT BREAKDOWN POINT,ARRANGE WAREHOUSE PALLETS TO RECEIVE EMPTY 463L ENDS-WITH EMPTY WAREHOUSE PALLETS ARRANGED TO RECEIVE ADDITIONAL EMPTY 463L PALLETS CONDITIONS-EIGHT EMPTY 463L PALLETS STACKED ON ONE WAREHOUSE PALLET-DOES NOT INCLUDE TIME TO MOVE EMPTY PALLETS TO STORAGE AND RETURN-COMPUTE TRAVEL TIME TO AND FROM STORAGE BY DIVIDING TIME OBTAINED FROM ELEMENT 922 TEHFT XX FOR TRAVEL BY NUMBER OF PALLETS(463L)PER TRIP
DL	922	FAL	EHFP	SEHPTXX	VARIABLE	PALLET(LOADED),TRANSPORT FROM CARRIER WITH FORKLIFT STARTS-WITH TRAVEL FROM CARRIER ENTRANCE TO PALLET INCLUDES-ALL THE TIME NECESSARY TO TRAVEL INTO CARRIER,PICK UP PALLET AND TRAVEL OUT OF CARRIER ENDS-WITH PALLET ON FORKLIFT OUTSIDE CARRIER 765 CASE 01 MOVE PALLET OUT OF TRAILER 918 02 MOVE PALLET OUT OF BOXCAR
NO	922	FAL	NXJSE04	SEHTP01	3958	TRANSPORTER(HAND),PLACE IN OR REMOVE FROM VAN OR RUN-THRU WITH ELECTRIC FORKLIFT TRUCK STARTS-WITH TRAVEL TO TRANSPORTER WITH FORKLIFT TRUCK INCLUDES-ALL THE TIME NECESSARY TO PICK UP TRANSPORTER WITH FORKLIFT AND MOVE IT IN OR OUT OF A VAN OR RUN-THRU,PLACE TRANSPORTER AND TRAVEL TO STARTING POINT ENDS-WITH EMPTY RUN AFTER PLACING TRANSPORTER CONDITIONS-TRAVEL 16 FEET TO GET,16 FEET WITH TRANSPORTER AND 16 FEET AFTER PLACING-TWO MAN OPERATION

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	SO=7	KEHCLX1	VARIABLE	CARRIER(VAN TRUCK/TRAILER),LOAD AT AIR TERMINAL STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A VAN TRUCK/TRAILER FOR LOADING WITH A FORKLIFT TRUCK,PALLETIZE CONVEYORED CARGO FOR LOADING, LOAD PALLETS ON TRUCK,GET,PALLETIZE AND LOAD SECURITY CARGO AND BULK CARGO ON TRUCK,REMOVE EMPTY PALLETS FROM TRUCK(MANUAL)AFTER DEPALLETIZING IN TRUCK ENDS=WITH CARGO STOWED IN TRUCK CASE A=1 VARIABLE TIME=PREPARE TRUCK FOR LOADING(DETERMINE TIME FROM ELEMENT 929 KJPCPXW)=ONE TIME PER TRUCK B=1 VARIABLE TIME=PLACE EMPTY PALLET AT CONVEYOR,REMOVE EMPTY PALLET FROM TRUCK(DETERMINE TIME FROM ELEMENTS 929 MOHPM01,929 MOHPM02 AND MULTIPLY BY NUMBER OF PALLETS PALLETIZED AND DEPALLETIZED PER TRUCK LOADED) C=1 VARIABLE TIME=PALLETIZE AND DEPALLETIZE CARGO(LOOSE PIECES)(DETERMINE TIME PER PIECE FROM ELEMENT 929 TOH PHXX AND MULTIPLY BY NUMBER OF PIECES HANDLED) D=1 VARIABLE TIME=GET SECURITY CARGO FROM SECURITY CAGE(DETERMINE TIME FROM ELEMENT 922 SEHCMX1 AND MULTIPLY BY NUMBER OF PIECES SECURITY CARGO PER TRUCK LOADED) E=1 VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO AND FROM TRUCK TO LOAD WITH PALLETS OF LOOSE CARGO,BULK OR UNIT LOADS(NOT SECURITY CARGO)(DETERMINE TIME FROM ELEMENT 922 TEHFTXX AND AND MULTIPLY BY NUMBER OF TRIPS MADE PER TRUCK LOADED) F=1 VARIABLE TIME=FORK LIFT TRUCK TRAVEL LOADED INTO TRUCK AND OUT EMPTY(DETERMINE TIME FROM ELEMENTS 922 TEHFBH AND 922 TEHFBAF AND MULTIPLY BY NUMBER OF TRIPS MADE INTO TRUCK) G=1 VARIABLE TIME=PICK UP PALLETIZED/BULK OR UNIT LOADS WITH FORKLIFT(NOT SECURITY CARGO)(DETERMINE TIME FROM ELEMENT 922 TEHPPXX AND MULTIPLY BY NUMBER OF PICK UPS PER TRUCK LOADED)

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TI-8	JEHDSX1	VARIABLE	DRUMS(55 GAL)OR CYLINDERS,SELECT FROM STORAGE, (FULL OR PARTIAL PALLETS)

PART I-ELEMENTS

A MOUNT AND DISMOUNT FORKLIFT-PROCESS DOCUMENTS AND APPLY TO MATERIAL
922 MEHFP08-922 KWRDP01

B OBTAIN EMPTY PALLET FROM PALLET STORAGE
922 SEHPOX1

C FORKLIFT TRAVEL TO AND FROM STORAGE-DROP EMPTY PALLET AT STORAGE-PICK UP PALLET LOAD-DROP IN HOLD AREA
922 TEHFTXX-922 TEHPSA8-922 TEHPPA8-922 TEHPSA8

D PICK PALLET OF DRUMS FROM STORAGE-RETURN PARTIAL PALLET LOAD TO STORAGE
922 TEHPPAH-922 TEHPSAG

E PICK UP AND LOAD PALLET ON CONVEYANCE
922 SEHLP01

F MOVE DRUM OR CYLINDER FROM STORAGE PALLET TO EMPTY PALLET-PER PIECE
929 MOHDM01

PART II-FREQUENCIES/OCCURENCES

G PALLETS PER LINE ITEM

H DRUMS/CYLINDERS PER LINE ITEM

PART III-NORMAL TIME

J PER LINE ITEM ISSUED
A+B(C+D+E)(G)+F(H)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

K ALLOWANCE FACTOR (AF)

PART V-STANDARD TIME

L PER LINE ITEM ISSUED
J(K)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TI-4	JEHMSX4	VARIABLE	MATERIAL,SELECT-FULL PALLET(SINGLE LINE ITEM PER PALLET)

PART I-ELEMENTS

A OBTAIN AND ASIDE DOCUMENTS
U TPLOGEE

B OBTAIN AND ASIDE PENCIL FROM POCKET
U MOHOPO1
U MOHOGO1

C MOUNT AND DISMOUNT FORKLIFT TRUCK
922 MEHFP08

D DOCUMENT PROCESSING AND APPLICATION
922 KWRDP01

E FORKLIFT TRUCK TRAVEL TO AND FROM STORAGE LOCATION
922 TEHFTXX

F PULL PALLET OF MATERIAL FROM STORAGE, STACK ON CONVEYANCE
922 TEHPPXX
922 TEHPSXX

G COUNT PIECES ON PALLET-COMPUTE FOR LOCAL AVERAGE PIECES PER PALLET FROM DWMSTDP ELEMENT
U BRDWI01

H MAKE TALLY MARK
U BWRSW01

PART II-FREQUENCIES/OCCURENCES

J PALLETS PER LINE ITEM

K AVERAGE NUMBER OF PIECES PER PALLET

PART III-NORMAL TIME

L TIME PER LINE ITEM ISSUED
A+B+C+D+(E+F+H)(J)+G(K)(J)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

M ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME PER LINE ITEM ISSUED L(M)

PART VI-ADD OR SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS FOR STEPS A THROUGH H TO ADJUST FOR LOCAL CONDITIONS.

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TI=5	JEHMSX5	VARIABLE	MATERIAL,SELECT FROM BULK LOCATION=MORE THAN ONE LOCATION=MULTI LINES PER PALLET

PART I=ELEMENTS

A OBTAIN EMPTY PALLET=PER PALLET
922 SEHPOX1

B DROP PALLET AT STOCK LOCATION=PULL AND RETURN PALLET OF MATERIAL FROM/TO STORAGE=PICK UP PALLET OF ISSUED MATERIAL=PER LINE
922 TEHPSAB=922 TEHPPAH=922 TEHPSAH
922 TEHPPAB

C MOUNT AND DISMOUNT FORKLIFT=PER LINE
922 MEHFP08

D WALK TO PALLET AND RETURN(FROM FLT)=PER LINE
U BBMW001=10 PACES
U BBMHC01=2 TURNS

E OBTAIN AND PROCESS DOCUMENTS,AND APPLICATION=PER LINE
922 KWRDP01

F TRAVEL TO STOCK LOCATION AND RETURN=FORKLIFT TRUCK
922 TEHFTXX

G DROP PALLET OF ISSUED MATERIAL IN HOLD AREA=PICK UP AND PLACE ON CONVEYANCE
922 TEHPSAB
922 SEHLP01

H FORKLIFT TRUCK TRAVEL BETWEEN STOCK LOCATIONS
922 TEHFTXX

J MOVE ISSUED MATERIAL TO PALLET=PER PIECE
920 TOHBOXX
920 TOHBPXX

PART II FREQUENCIES/OCCURENCES

PALLETS PER LINE ITEM

L ONE MINUS K

M PIECES PER LINE ISSUED

PART III=NORMAL TIME

N TIME PER LINE ITEM ISSUED
B+C+D+E+(A+F+G)(K)+H(L)+J(M)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

P ALLOWANCE FACTOR (AF)

PART V=STANDARD TIME

Q TIME PER LINE ITEM ISSUED
N(P)

PART VI=ADC/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TI=6	JEHMSX6	VARIABLE	MATERIAL,SELECT=ONE LINE FROM RACK STORAGE (MULTIPLE LINE ITEMS BY STOCK SELECTOR=PLATFORM TYPE) PART I=ELEMENTS A RAISE AND LOWER PLATFORM(25 INCHES PER ITEM) 922 TEHFOXX B DOCUMENT PROCESSING AND APPLICATION 922 KWRDP01 C WALK TO REMOTE CONTROL FORKLIFT,MOUNT AND DISMOUNT FORKLIFT 922 MEHFP08 U 88MWU01 AND U 88MHC01 D TRAVEL TO STOCK LOCATION,TRAVEL FROM STOCK LOCATION TO HOLD AREA 922 TEHFTXX E OBTAIN EMPTY PALLET=DROP IN HOLD AREA 922 SEHPOX1 922 TEHPSA8 F PICK UP AND LOAD PALLET IN CONVEYANCE 922 SEHLP01 G TRAVEL BETWEEN STOCK LOCATIONS 922 TEHFTXX H GET MATERIAL FROM RACK,PLACE ON REMOTE FORKLIFT=MOVE FROM FORKLIFT TO PALLET 929 TOHPHXX PART II=FREQUENCIES/OCCURENCES J PALLETS PER LINE ITEM K 1=J L PIECES PER LINE ITEM PART III=NORMAL TIME M PER LINE ITEM ISSUED A+B+(C+D+E+F)(J)+G(K)+(H)(L) PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II N ALLOWANCE FACTOR(AF) PART V=STANDARD TIME P PER LINE ITEM ISSUED M(N) PART VI=ADD OR SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS TO ADJUST FOR LOCAL CONDITIONS
DL	922	FAL	TI=11	JEHSSXZ		DELETE=BAD ENTRY

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TI=10	JEHSSX1	VARIABLE	STOCK(BAR),SELECT FROM STORAGE(NO CUTTING)

PART I=ELEMENTS

A MOUNT AND DISMOUNT FORKLIFT TRUCK=
PROCESS DOCUMENTS AND APPLY TO STOCK
922 MEHFP08=922 KWRDP01

B OBTAIN EMPTY PALLET FROM PALLET STORAGE
AND TRAVEL TO AND FROM STOCK LOCATION=
DROP PALLET FOR LOADING
922 SEHPOX1=922 TEHFTXX=922 TEHPSA8

C PICK UP LOADED PALLET=DROP IN HOLD
AREA,TRAVEL TO HOLD AREA,PICK UP IN
HOLD AREA AND DROP ON CONVEYANCE
922 TEHPPA8=922 TEHPSA8=922 SEHPP01
922 TEHFTXX

D WALK BETWEEN FORKLIFT AND STORAGE RACK
AND RETURN TO LIFT
U BBMW001=U BBMHC01

E PICK UP AND PLACE BAR ON PALLET
U MOHP005

PART II=FREQUENCIES/OCCURENCES

F PALLETS PER LINE ITEM

G PIECES PER LINE ITEM

PART III=NORMAL TIME

H PER LINE ITEM ISSUED
A+(B+C+D)(F)+E(G)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=
DETERMINE FROM DOD 5010.15.1=M,BASIC
VOLUME,APPENDIX II

J ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

K PER LINE ITEM ISSUED
H(J)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR
LOCAL ELEMENTS AS NEEDED TO ADJUST FOR
LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TI-11	JEHSSX2	VARIABLE	STOCK(BAR),SELECT FROM STORAGE(CUTTING REQUIRED) PART I-ELEMENTS A MOUNT AND DISMOUNT FORKLIFT-DOCUMENT PROCESSING AND APPLICATION 922 MEHFP08(2 TIMES)-922 KWRDP01 B OBTAIN EMPTY PALLET-TRAVEL TO AND FROM STOCK LOCATION-DROP PALLET FOR LOADING-WALK BETWEEN FORKLIFT AND STORAGE AND RETURN 922 SEHPOX1-922 MEHFTXX-922 TEHPSAB-U 88MW001-U 88MHC01 C PICK UP PALLET OF ISSUE STOCK-TRAVEL TO CUTTING AREA,DROP PALLET-RETURN EXCESS MATERIAL TO STOCK 922 SEHLP01-922 SEHMRX1 D PICK UP ISSUE PALLET,MOVE TO AND DROP IN HOLD AREA-LOAD PALLET OF MATERIAL ON CONVEYANCE 922 SEHLP01(2 TIMES) E MOVE BAR TO ISSUE PALLET U MOHP005 PART II-FREQUENCIES/OCCURENCES F PALLETS PER LINE ITEM G PIECES PER LINE ITEM PART III-NORMAL TIME H PER LINE ITEM ISSUED A+(B+C+D)(F)+E(G) PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II J ALLOWANCE FACTOR (AF) PART V-STANDARD TIME K PER LINE ITEM ISSUED H(J) PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE NOTE-TIME TO MEASURE AND CUT BAR STOCK IS NOT INCLUDED
DL	922	TAL	BMCI	MIDCC01	1019	CARGO,CHECK IDENTITY STARTS-WITH IDENTIFYING CARGO INCLUDES-ALL THE TIME NECESSARY TO IDENTIFY THE CARGO,CHECK OFF MAIFEST AND SORT AS REQUIRED ENDS-WHEN SORTING IS COMPLETE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	SR-30	SIDDR01	1263	DOCUMENTS(RECEIVING),REMOVE,MATCH AND ATTACH TO CONTAINER STARTS-WITH REACH FOR DOCUMENT ON CONTAINER INCLUDES-ALL THE TIME NECESSARY TO REMOVE AND SCAN DOCUMENT,MATCH DOCUMENT NUMBER WITH MATERIAL,ANNOTATE FLOOR LOCATION ON RECEIVING DOCUMENT,SCAN DOCUMENT FOR FLOOR LOCATION, MATCH DOCUMENT WITH CONTAINER AND ATTACH TO THE CONTAINER AND MATCH THE DOCUMENT TO THE MATERIAL IN THE BULK WAREHOUSE ENDS-WITH MATERIAL AND DOCUMENT MATCHED IN BULK WAREHOUSE CONDITIONS-35 PERCENT OF DOCUMENTS REMOVED FROM CONTAINERS ARE MATCHED IN BULK WAREHOUSES WITH MATERIAL-DOES NOT INCLUDE SEARCH CONTAINERS FOR DOCUMENTS
DL	922	MAL	BMPI	MJPBIXX	VARIABLE	BIN,PREPARE TO ISSUE FROM STARTS-WITH BODY MOVEMENT BETWEEN THE HANDCART AND THE BIN INCLUDES-ALL THE TIME NECESSARY TO PREPARE TO ISSUE MATERIAL FROM AN OPEN OR CLOSED BIN ENDS-WITH A TURN BODY BACK TO THE HANDCART
					151	CASE 01 OPEN BIN 0-30 INCHES HIGH
					76	02 OPEN BIN 30-60 INCHES HIGH
					458	03 OPEN BIN 60 INCHES UP
					232	04 CLOSED BIN 0-30 INCHES HIGH
					157	05 CLOSED BIN 30-60 INCHES HIGH
					539	06 CLOSED BIN 60 INCHES UP
					309	07 AVERAGE FOR ANY CLOSED BIN HEIGHT
					228	08 AVERAGE FOR ANY OPEN BIN HEIGHT
					269	09 AVERAGE FOR ANY OPEN OR CLOSED BIN
DL	922	MAL	BMPB	MJPBSXX	VARIABLE	BIN,PREPARE TO STOW/REPLENISH STOCK STARTS-WITH A TURN FROM CART TOWARD THE BIN INCLUDES-ALL THE TIME NECESSARY TO PREPARE TO STOW/REPLENISH STOCK IN OPEN OR CLOSED BINS ENDS-WITH A TURN BACK TO THE CART
					454	CASE 01 OPEN BIN 0-30 INCHES HIGH
					380	02 OPEN BIN 30-60 INCHES HIGH
					761	03 OPEN BIN 60 INCHES UP
					535	04 CLOSED BIN 0-30 INCHES HIGH
					460	05 CLOSED BIN 30-60 INCHES HIGH
					842	06 CLOSED BIN 60 INCHES UP
					612	07 AVERAGE TMU FOR ANY CLOSED BIN HEIGHT
					532	08 AVERAGE TMU FOR ANY OPEN BIN HEIGHT
					572	09 AVERAGE TMU FOR ANY OPEN OR CLOSED BIN
DL	922	FAL	EHFB	MJPPIXX	VARIABLE	PLATE(DOCK),INSTALL AND REMOVE STARTS-WITH FORKLIFT TRAVEL TO GET DOCK PLATE INCLUDES-ALL THE TIME NECESSARY TO TRAVEL TO AND PICK UP DOCK PLATE,POSITION BETWEEN DOCK AND CARRIER,GET PINCHBAR,PRY UP PLATE,PICK UP PLATE WITH FORKLIFT,TRAVEL TO STORAGE AREA AND DROP PLATE ENDS-WITH FORKLIFT RETURNED TO CARRIER CONDITIONS-AVERAGE 40 FEET FROM CARRIER TO DOCK PLATE STORAGE-SECOND MAN USED TO HOLD UP PLATE UNTIL FORKLIFT PICKS UP PLATE
					3537	CASE 01 WITH GAS FORKLIFT TRUCK
					4787	02 WITH ELECTRIC FORKLIFT TRUCK

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	EHOW	MJPPOXX	VARIABLE	STACK(PALLETS-WAREHOUSE,463-L OR SKID),OBTAIN STARTS-WITH MOUNTING FORKLIFT TO OBTAIN PALLETS INCLUDES-ALL THE TIME NECESSARY TO OBTAIN A STACK OF PALLETS,MOVE THEM ADJACENT TO THE WORK AREA THEN MANUALLY OBTAIN ONE PALLET AT A TIME AND PLACE IT IN POSITION FOR USE, ENDS-WITH RELEASE OF PALLET IN POSITION FOR USE CONDITIONS-TWO MEN ARE USED TO MANUALLY POSITION PALLET-MOVE PALLETS 125 FEET ONE WAY FROM PICK UP TO WORK AREA,RETURN EMPTY
					3487	CASE 01 PICK UP,MOVE AND DROP STACK IN WORK AREA-PER STACK-DIVIDE BY PALLETS PER STACK TO OBTAIN PER PALLET TIME-ROUND TRIP TIME INCLUDED
					1200	02 ADD FOR EACH PALLET MANUALLY MOVED INTO POSITION FOR LOADING(TWO MAN TIME PER PALLET)
DL	922	MAL	BMSA	MJPRS01	214	REEL(TEMPORARY),SET UP AND ATTACH REEL/COIL MATERIAL STARTS-WITH REACH TO COLLAPSIBLE ARMS INCLUDES-ALL THE TIME NECESSARY TO LIFT THE COLLAPSIBLE ARM ON THE REEL INTO POSITION AND LOCK,PULL LOOSE END OF MATERIAL TO TEMPORARY REEL AND SECURE TO ARM ENDS-WITH RELEASE OF ARM AND MATERIAL AFTER SECURING
DL	922	MAL	BMAD	SJPDA01	478	DOCUMENTS(AND TOTE TRAYS),ASSEMBLE FOR ISSUE STARTS-WITH REACH TO DOCUMENTS INCLUDES-ALL THE TIME NECESSARY TO ASSEMBLE DOCUMENTS AND TOTE TRAYS FOR BIN ISSUE ENDS-WITH TURN TO HANDLE OF CART READY TO PUSH THE CART TO THE BIN AREA CONDITIONS-THE TIME VALUE IS BASED ON AN AVERAGE OF TWENTY FIVE (25) DOCUMENTS AND TEN (10) TOTE TRAYS
NO	922	MAL	NXJSE01	SJPES01	2360	EQUIPMENT(ELECTRIC FORKLIFT AND DOOR PLATE),SET UP AND SECURE STARTS-WITH WALK TO FORKLIFT TRUCK INCLUDES-ALL THE TIME NECESSARY TO WALK 20 FEET TO FORKLIFT,MOUNT AND DISMOUNT,CONNECT AND DISCONNECT BATTERY AND INSTALL DOOR PLATE AND ASIDE,RETURN 20 FEET TO FORKLIFT ENDS-WITH WALK FROM FORKLIFT TRUCK CONDITIONS-TWO MAN OPERATION-GROUND LEVEL HIGH EXPLOSIVE MAGAZINE ONLY
DL	922	MAL	EHSP	SJPPSX1	CON/VAR	PLACARDS(WARNING),SET STARTS-WITH TRAVEL TO PLACARD STORAGE INCLUDES-ALL THE TIME NECESSARY TO SET WARNING PLACARDS AROUND AN AIRCRAFT BEFORE LOADING OR UNLOADING,WHEN REQUIRED ENDS-WITH THE PLACARDS RETURNED TO STORAGE
					15824	CASE 1-1 CONSTANT TIME-PICK UP PLACARDS IN STORAGE,TRAVEL 1/4 CIRCLE AROUND AIRCRAFT (4 TIMES)TO SET PLACARDS AND REPEAT FOR PICK UP,SET PLACARDS,PICK UP PLACARDS,STACK PLACARDS IN STORAGE (922 TEHPPA8,922 TEHFTXX,922 TEHPSA8, 922 TEHPPA8,922 TEHPSAH) A-1 VARIABLE TIME-FORKLIFT TRAVEL TO AND FROM STORAGE-COMPUTE TIME FOR LOCAL TRAVEL DISTANCE FROM ELEMENT 922 TEH FTXX

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	TUL	SO-3/10	SJPSCX1	CON/VAR	AIRCRAFT/LOAD SPOT,CLEAN STARTS-WITH DISMOUNT FROM AIRCRAFT INCLUDES-ALL THE MOTIONS NECESSARY FOR THE CREW TO LEAVE THE AIRCRAFT,CLEAN THE AREA AND THE AIRCRAFT(PICK UP TRASH,ODD PALLETS,ROPES, CHAINS,ETC.),WALK TO LIGHTING EQUIPMENT AND CARGO TUGS,MOUNT AND DISMOUNT TUGS/COLEMAN TRACTOR ENDS-WITH MOUNT TUGS/COLEMAN TRACTOR
					6788	CASE 1-1 CONSTANT TIME-CLEAN AIRCRAFT AND LOADING SPOT(929 SJPSC01)
					862	2-1 CONSTANT TIME-MOUNT AND DISMOUNT TRAILER TUG(922 MEHFP08)-PER OCCURRENCE
						3-1 CONSTANT TIME-OPERATE LIGHTING EQUIPMENT-WALK TO TUG AND LIGHTING EQUIPMENT-TURN OFF LIGHTING EQUIPMENT, TUG(U 88MWU01,U 88MHC01,922 SACED02, 922 MEHFP08)-PER OCCURRENCE(BASED ON WALKING 50 FEET TO EQUIPMENT)
						A-1 VARIABLE TIME-WALK TO CARGO TUG(COMPUTE FOR LOCAL DISTANCE FROM ELEMENTS U 88MWU01,U 88MHC01 FOR NUMBER OF WORKERS)
DL	922	FUL	FL-4	KJPAPX1	CON/VAR	AIRC[illegible]FT(PALLETIZED),PREPARE TO LOAD ST[illegible]S-WITH WALK TO OBTAIN LOADING MANIFEST INCLUDES-ALL THE MOTIONS NECESSARY TO GET FINAL LOADING MANIFEST,ASSEMBLE CREW AND EQUIPMENT AT AIRCRAFT,GET AND TURN ON LIGHTING EQUIPMENT WHEN REQUIRED,BOARD AIRCRAFT,CHECK RAIL SYSTEM OR CARGO COMPARTMENT PRIOR TO LOADING,EQUIPMENT AND CREW RETURN TO CREW AREA AND EQUIPMENT STOW ENDS-WITH RETURN OF EQUIPMENT AND CREW
						CASE A-1 VARIABLE TIME-TOTAL WALKING REQUIRED-WALK TO OBTAIN MANIFEST AND TO BUILD UP AREA CREW CHIEF ASSEMBLE CREW WALK TO LOADING SPOT AND RETURN EQUIPMENT OPERATOR(S)WALK TO EQUIPMENT (COMPUTE TIME FOR LOCAL DISTANCES AND CREW SIZE FROM ELEMENTS U 88M WU01 AND U 88MHC01)
						B-1 VARIABLE TIME-MOUNT AND DISMOUNT K LOADER(S)(922 MEHFM02-939 TMUS PER OCCURRENCE)AND TRAILER TUG(929 MEH PF08-862 TMUS PER OCCURRENCE) TIMES BY NUMBER OF PIECES OF EQUIPMENT USED)
						C-1 VARIABLE TIME-EQUIPMENT TRAVEL TO AIRCRAFT LOADING SPOT,RETURN-(COMPUTE FROM ELEMENT 922 TEHFTXX)-TUG TRAVEL TO AND HOOK TO LIGHTING EQUIPMENT(922 SEHLTX1)-TRAVEL TO AND HOOK TO TRAILER TRAIN/FLATBED (922 TEHFTXX,922 MEHTH01)
						D-1 VARIABLE TIME-TURN ON LIGHTING EQUIPMENT,WALK TO AIRCRAFT AND TUG FROM LIGHTING EQUIPMENT-PER OCCURRENCE(929 SACED02,U 88MWU01,U 88MHC01)
						E-1 VARIABLE TIME-CREW BOARD AIRCRAFT, CJECK RAIL SYSTEM OR CARGO COMPARTMENT(COMPUTE TIME FROM U MBMAC01,U 88MW001,U 88MHC01 AND MULTIPLY BY CREW SIZE)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FBL	SO-1	KJPCAXX	VARIABLE	CREW/EQUIPMENT,ASSEMBLE AND MOVE TO AIRCRAFT TO UNLOAD STARTS-WITH CREW CHIEF WALK TO ASSEMBLE CREW INCLUDES-ALL THE TIME NECESSARY TO ASSEMBLE THE OFFLOAD CREW AND EQUIPMENT,TRAVEL TO OFF-LOAD SPOT,BOARD AIRCRAFT AND CHECK CARGO FOR OBVIOUS DAMAGE,TRAVEL TO AND HOOK UP LIGHTING, MOVE TO UNLOADING SPOT,CHECK RAIL SYSTEM IN AIRCRAFT,OBTAIN AND SIGN OFFLOAD MANIFEST FOR SPECIAL HANDLED CARGO AS REQUIRED ENDS-WITH PALLETIZED CARGO READY TO OFF LOAD CONDITIONS-CREW CHIEF WALK 66 PACES TO ASSEMBLE CREW AND 92 PACES TO EQUIPMENT-EQUIPMENT REQUIRED IS ONE 10K FORKLIFT TRUCK, ONE 25/40K LOADER,ONE CARGO TUG,TRAILERS AND LIGHTING TRAILER,FORKLIFTS AND CARGO TUGS TRAVEL 290 FEET(AFLC)AND 760 FEET(MAC)ONE WAY. CREW WALK TO A/C LOADING SPOT 116 PACES(AFLC) AND 304 PACES(MAC)
					41434	CASE 01 FOR AFLC
					77953	02 FOR MAC
DL	922	FAL	SO-13	KJPCAX1	CON/VAR	CREW/EQUIPMENT,ASSEMBLE AND PREPARE TO OFF-LOAD AIRCRAFT STARTS-WITH CREW CHIEF WALK TO ASSEMBLE CREW INCLUDES-ALL THE TIME AND MOTIONS NECESSARY TO ASSEMBLE CREW,GET EQUIPMENT,TRAVEL TO WORK AREA,GET AND HOOK UP LIGHTING UNIT WHEN RE-QUIRED,BOARD AIRCRAFT,REMOVE TIEDOWNS,GET MANIFEST AND SIGN FOR SPECIAL HANDLED CARGO WHEN REQUIRED,CREW AND EQUIPMENT RETURN TO CREW AREA AND EQUIPMENT STOW/PARK ENDS-WITH RETURN OF CREW AND EQUIPMENT
					18820	CASE 1-1 CONSTANT TIME-REMOVE TIEDOWNS,CHECK CARGO,GET AND SIGN MANIFEST,FORKLIFT TRUCK PICK UP STACK OF EMPTY PALLETS IN STORAGE,DROP STACK AT OFFLOADING SPOT(929 SNFCU01,922 SWRM001,922 TEH PPAE,922 TEHPSAA) A-1 VARIABLE TIME CREW CHIEF WALK TO ASSEMBLE CREW,EQUIPMENT OPERATORS WALK TO EQUIPMENT PRIOR TO MOVING TO TO WORK AREA(DETERMINE DISTANCE WALK-ED AND COMPUTE TIME FROM ELEMENTS . U BBMWU01 AND U BBMHC01 FOR CREW SIZE) B-1 VARIABLE TIME-CREW WALK TO OFFLOADING SPOT AND RETURN(DETERMINE TIME FOR DISTANCE AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01) C-1 VARIABLE TIME-MOUNT AND DISMOUNT MOBILE EQUIPMENT(DETERMINE TIME FROM ELEMENT 922 MEHFM02(K LOADER) AND 922 MEHFP08(TUG)-MULTIPLY TIMES BY NUMBER OF MOUNTS AND DISMOUNTS) D-1 VARIABLE TIME-EQUIPMENT TRAVEL TO WORK AREAS-TO TRAILER STORAGE,TOW TRAILER TO AND FROM OFFLOADING SPOT, TO PALLET STORAGE AND TO AIRCRAFT, RETURN FROM AIRCRAFT(DETERMINE TOTAL EQUIPMENT TRAVEL DISTANCE AND COMPUTE TIME FROM ELEMENT 922 TEHFTXX) E-1 VARIABLE TIME-TRAVEL TO LIGHTING EQUIPMENT,HOOK UP AND TOW TO USE,TURN ON EQUIPMENT AND WALK TO AIRCRAFT(922 SEHLTX1,929 SACE001,U BBMWU01,U BBM HC01) F-1 VARIABLE TIME-BOARD AIRCRAFT(U MBM AC01-266 TMUS TIMES NUMBER OF MOUNTS (CREW SIZE)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	SO=11	KJPCPX1	CON/VAR	CARGO(PALLETIZED=BULK OR UNIT LOAD),POSITION ON DOCK OR IN BULK STORAGE STARTS=WITH FORKLIFT TRUCK AND TUG/TRAILER TRAIN BEGIN TRAVEL INCLUDES=ALL THE TIME AND MOTIONS NECESSARY FOR FLT AND TUG TO TRAVEL FROM BULK STORAGE TO PALLET BREAKDOWN POINT,PICK UP LOADED PALLET, BULK PIECE OR UNIT LOAD,MOVE FLT TO DOCK OR IN BULK STORAGE,SET CARGO ON DOCK OR GROUND,MOVE AWAY FROM DOCK,FLT AND TUG TRAVEL TO EQUIPMENT STORAGE,CREW WALK TO CREW AREA,DELIVER OFFLOAD DOCUMENT TO OFFICE ENDS=WITH EQUIPMENT IN STOW AREA,CREW AT CREW AREA AND DOCUMENTS DELIVERED TO OFFICE CONDITIONS=USE 10K LOADER(FLT) CASE A=1 VARIABLE TIME=10K LOADER TRAVEL TO PALLET BREAKDOWN POINT,2=10K LOADERS TRAVEL TO STOW/PARK AREA=TWO TUGS TRAVEL FROM BULK STORAGE TO PALLET BREAKDOWN POINT AND TO STOW/PARK AREA (COMPUTE TRAVEL TIME FROM ELEMENT 922 TEHFTXX=ONE TIME PER AIRCRAFT OFF=LOADED) B=1 VARIABLE TIME=PICK UP LOADED PALLET, BULK PIECE OR UNIT LOAD,MOVE K LOADER TO DOCK OR IN BULK STORAGE,MOVE AWAY FROM DOCK,SET LOAD DWON ON DOCK OR GROUND(922 TEHPPXX,922 TEHFTXX,922 TEHFOXX,922 TEHPSXX=MULTIPLY TIME BY NUMBER OF PALLETS,BULK PIECES OR UNIT LOADS PER AIRCRAFT OFFLOADED) C=1 VARIABLE TIME=CREW WALK TO CREW AREA, DELIVER DOCUMENTS TO OFFICE(COMPUTE FROM ELEMENTS U BBMWU01,U BBMHC01 FOR
DL	922	FAL	SO=6	KJPCTX1	CON/VAR	CREW/EQUIPMENT,TRAVEL TO"HOT SPOT"LOADING AREA STARTS=WITH CREW WALK FROM TERMINAL TO VEHICLE AND MHE(MATERIAL HANDLING EQUIPMENT) INCLUDES=ALL THE MOTIONS NECESSARY TO WALK TO AND BOARD VEHICLE,MOUNT AND DISMOUNT MHE, VEHICLE WITH CREW TRAVEL TO"HOT SPOT",LEAVE VEHICLE,CREW WALK TO AIRCRAFT,MHE TRAVEL TO EXPLOSIVE STORAGE AND FROM STORAGE TO"HOT SPOT",CREW BOARD VEHICLE,RETURN TO TERMINAL, LEAVE VEHICLE,MHE RETURN TO TERMINAL,SET WARNING PLACARDS AT AIRCRAFT ENDS=WITH CREW AND EQUIPMENT RETURNED TO TERMINAL
					31991	CASE 1=1 CONSTANT TIME=MOUNT AND DISMOUNT MHE, BOARD AND LEAVE VEHICLE, SET WARNING PLACARDS,WALK 50 FEET FROM VEHICLE TO AIRCRAFT AND RETURN(5 MAN CREW)(922 MEHFM02,U M8MTB01,U BBMWU01,U BBM=HC01,922 SEHPS01)=PER AIRCRAFT A=1 VARIABLE TIME=MHE TRAVEL TO EXPLOSIVE AREA,FROM EXPLOSIVE AREA TO"HOT SPOT" AND RETURN TO TERMINAL(DETERMINE TIME FOR LOCAL DISTANCE FROM ELEMENT U BEV VTXX) B=1 VARIABLE TIME=CREW TRANSPORT TRAVEL TO"HOT SPOT"AND RETURN(DETERMINE TIME FOR LOCAL DISTANCE FROM ELEMENT U BEV VTXX) C=1 VARIABLE TIME=CREW WALK FROM TERMINAL TO TRANSPORT VEHICLE AND FROM VEHICLE BACK TO TERMINAL(DETERMINE TIME FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01)

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	SO-1	KJPEAXX	VARIABLE	CREW/EQUIPMENT,ASSEMBLE AND MOVE TO AIRCRAFT PARKING AREA TO UNLOAD-10K OR 25/40K LOADER STARTS-WITH CREW CHIEF WALK TO ASSEMBLE CREW INCLUDES-ALL THE TIME AND MOTIONS NECESSARY TO ASSEMBLE OFFLOAD CREW AND EQUIPMENT,TRAVEL TO OFFLOAD SPOT,BOARD AIRCRAFT,MOUNT AND DISMOUNT 10K LOADER,MOUNT AND DISMOUNT CARGO/LIGHTING TUG,FORKLIFT TRAVEL TO TRAILER STORAGE,PICK UP AND MOVE STACK OF TRAILER TO OFFLOADING SITE, DROP STACK,GET LIGHTING EQUIPMENT WHEN REQUIR-SYSTEM OR CARGO COMPARTMENT,OBTAIN OFFLOAD MANIFEST AND SIGN FOR SPECIAL HANDLED CARGO AS REQUIRED,RETURN EQUIPMENT TO STORAGE ENDS-WITH AIRCRAFT READY TO OFFLOAD CONDITIONS-CREW CHIEF WALKS 66 PACES TO ASSEMBLE CREW/EQUIPMENT,TRAVEL(FLT) 200 FEET TO PICK UP STACKED TRAILERS, TRAVEL 290 FEET (AFLC)AND 760 FEET (MAC)TO AIRCRAFT LOADING AREA, WALK AND RETURN 20 TO LIGHTING UNIT, LIGHTS USED 50 PERCENT OF OFFLOADING TIME,
					35999	CASE 01 USE 10K LOADER-AFLC
					69570	02 USE 10K LOADER-MAC
					33371	03 USE 25/40K LOADER-AFLC
					65942	04 USE 25/40K LOADER-MAC
DL	922	MAL	0-12	MNFE001	73	ENVELOPE(TACKED TO CARRIER WALL),TEAR OPEN STARTS-WITH REACH TO ENVELOPE INCLUDES-ALL THE TIME NECESSARY TO GRASP THE ENVELOPE,TEAR ENVELOPE OPEN WIDE ENOUGH TO REMOVE DOCUMENT ENDS-WITH RELEASE OF ENVELOPE
DL	922	MAL	EMPI	MOHCPXX	VARIABLE	CONTAINER,PREPARE TO HOLD BIN ISSUE STARTS-WITH REACH TO THE SELECTED CONTAINER INCLUDES-ALL THE TIME NECESSARY TO PREPARE A TOTE TRAY,PAPER BAG,OR A JIFFY BAG TO SERVE AS A MATERIAL CONTAINER FOR A BIN ISSUE ENDS-WHEN THE DOCUMENT HAS BEEN PLACED WITH THE MATERIAL
					147	CASE 01 TOTE TRAY
					220	02 JIFFY BAG
					262	03 PAPER BAG
					241	04 AVERAGE TIME FOR JIFFY BAG OR PAPER BAG
					210	05 AVERAGE TIME FOR TOTE TRAY OR BAGS
DL	922	MAL	EMCR	MOHMCXX	VARIABLE	MATERIAL(REEL/COIL),CUT,REMOVE AND TIE STARTS-WITH A REACH TO GET CUTTING TOOL INCLUDES-ALL THE TIME NECESSARY TO OBTAIN CUTTING TOOL,UNROLL MATERIAL TO BE CUT FROM REEL/COIL,CUT MATERIAL,RELEASE COLLAPSIBLE ARMS,REMOVE MATERIAL FROM A TEMPORARY REEL,TO COIL AND RECOIL UNISSUED MATERIAL AND SECURE END AND LAY ASIDE CUTTING TOOL ENDS-WHEN MATERIAL END HAS BEEN SECURED AND THE REEL/COIL RELEASED CONDITIONS-CASE ONE DOES NOT INCLUDE FORKLIFT TIME,WALKING TIME OR USE OF DISPENSING MACHINE.CASE TWO IS FOR LARGE REEL/COIL REQUIRING TWO MEN,FORKLIFT AND DISPENSING MACHINE
					1077	CASE 01 SMALL REEL/COIL
					7715	02 LARGE REEL/COIL

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	TI-12	JOHMSX1	VARIABLE	MATERIAL(BOLT),SELECT AND CUT

PART I-ELEMENTS

A SET MEASURING DEVICE DIAL TO ZERO-GET AND ASIDE SCISSORS-CUT MATERIAL
929 MGMDS01-U TPLOGFC-U MTLMCXX

B OBTAIN CONTAINER-PLACE MATERIAL IN THE CONTAINER-PROCESS DOCUMENTS-PLACE DOCUMENTS WITH MATERIAL
U TGTOGEA-U TGTOGEC-222 SWRDP21 AND U TPLOPFA

C OBTAIN BOLT OF MATERIAL FROM STORAGE-MOUNT ON DISPENSING RACK-PREPARE TO ISSUE-REMOVE BOLT AND RETURN TO STORAGE
929 MJPM001-922 TEHFTXX-922 MJPMM01-929 MJPMP01-929 MJPMD01-922 SEHMRX1

D FOLD MATERIAL TO PLACE IN CONTAINER
929 MOHMF01

E MEASURE 18 INCHES OF MATERIAL AND FOLD
929 MOHMF01

PART II-FREQUENCIES/OCCURENCES

F BOLTS OF MATERIAL PER LINE ISSUED

G FOLDS OF MATERIAL PER LINE ISSUED

H MEASURES AND FOLDS PER LINE ISSUED

PART III-NORMAL TIME

J PER LINE OF BOLT MATERIAL ISSUED
A+B+(C)(F)+D(G)+E(H)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M.BASIC VOLUME,APPENDIX II

K ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

L PER LINE OF BOLT MATERIAL ISSUED
J(K)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	SR=13	KPKCPX1	CON/VAR	CONTAINERS(CONSOLIDATED RECEIPTS),PREPARE AND DISPOSE STARTS=WITH OPEN THE CONTAINER INCLUDES=ALL THE TIME NECESSARY TO OPEN THE OUTER CONTAINER OF A CONSOLIDATED RECEIPT PACK AND REMOVE THE RECEIVING DOCUMENTS,PLACE THE CONTAINER ASIDE OR STACK ENDS=WITH CONTAINERS ASIDE OR STACKED
					114	CASE 1=1 CONSTANT TIME=UNFOLD DOCUMENTS,PICK UP AND ASIDE DOCUMENTS,209 MPH DU01, U TPLOPEE
					134	2=1 CONSTANT TIME=REMOVE DOCUMENTS FROM SIDE OF CONTAINER,REMOVE DOCUMENTS FROM INSIDE OF CONTAINER=TIME IS BASED ON AN AVERAGE OF 50 PERCENT FROM EACH LOCATION(922 MPHDR01,U TPLOEE)AND REMOVE DOCUMENT FROM ENVELOPE (50 PERCENT OF THE TIME)(922 MPHDR02)
					675	A=1 VARIABLE TIME=OPEN FIBERBOARD CARTON GET AND ASIDE KNIFE,OPEN CARTON(920 MPKC006)DETERMINE WHAT PERCENT OF CONSOLIDATED RECEIPTS ARE FIBERBOARD CARTON AND MULTIPLY BY TIME CASE A=1
					4829	B=1 VARIABLE TIME=WOOD BOX=REMOVE STRAP FROM CONTAINER,OPEN BOX(920 MTLSCXX, 920 MPKLR06)=DETERMINE PERCENT OF TOTAL CONSOLIDATED RECEIPTS AND MULTIPLY BY TIME CASE B=1
					1578	C=1 VARIABLE TIME=TRI=WALL=OPEN TRI=WALL BOX(920 MPKT001)=DETERMINE PERCENT OF CONSOLIDATED RECEIPTS AND MULTIPLY BY TIME CASE C=1
					4215	D=1 VARIABLE TIME=CONEX=REMOVE SEAL, VERIFY SEAL NUMBER,OPEN CONEX,MOUNT AND DISMOUNT A FORKLIFT TRUCK,PICK UP CONEX,STACK CONEX(U MOHOG01,U MOHOP 01,920 MPKSR02,929 MRDNV01,920 MPKDO 01,922 MEHFP08,922 TEHPPBB,922 TEHPS AH)=DETERMINE PERCENT OF CONEXES TO TOTAL CONSOLIDATED RECEIPT PACKS AND MULTIPLY BY TIME CASE D=1
						E=1 VARIABLE TIME=CONTAINERS OTHER THAN CONEX=PICK UP AND SET DOWN BOX,CARRY BOX ASIDE(10 PACES)(U MOHPOXX,U BBM W001,U BBMHC01)=DETERMINE PERCENT OF BOXES MOVED ASIDE MANUALLY TO TOTAL CONTAINERS RECEIVED AND MULTIPLY BY TIME COMPUTED FOR CASE E=1
DL	922	UL	BCOM	SRCM001	882	MANIFEST(AIR CARGO),OBTAIN FROM PILOT,SIGN FOR SPECIAL HANDLING STARTS=WITH WALK TO THE PILOT INCLUDES=ALL THE TIME NECESSARY TO RECEIVE THE CARGO MANIFEST FROM THE PILOT AND SIGN FOR SPECIAL HANDLED CARGO ENDS=WITH ALL NECESSARY PAPERWORK SIGNED
DL	922	FAL	EHFU	SRCSDXX	VARIABLE	SHORING(DOOR=RAILROAD CAR),DISPOSE OF STARTS=WITH FORKLIFT TRUCK TRAVEL TO PALLET OF SHORING INCLUDES=ALL THE TIME NECESSARY TO TRAVEL TO PALLET OF SHORING,AND RETURN,PICK UP PALLET LOAD,MOUNT AND DISMOUNT FORKLIFT IN DISPOSAL AREA,PUSH SHORING OFF OF PALLET,STACK EMPTY PALLET IN STOW AREA ENDS=WITH RETURN OF FORKLIFT TO CAR AFTER DISPOSAL CONDITIONS=TRAVEL TIME TO SHORING DISPOSAL AREA AND RETURN NOT INCLUDED
					3262	CASE 01 LIGHT SHORING
					4112	02 HEAVY SHORING

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	SO=15	KRCAOX1	CON/VAR	AIRCRAFT(RAMP/ELEVATOR TYPE),OFFLOAD LOOSE CARGO(PER AIRCRAFT) STARTS=WITH PICK UP EMPTY PALLET FROM STACK WITH FORKLIFT TRUCK. INCLUDES=ALL THE TIME AND MOTIONS NECESSARY TO GET AND PLACE EMPTY PALLET ON ELEVATOR,LOAD FLOOR LOADER LOOSE PIECES OF CARGO ON PALLETS OR RAMP,LOWER ELEVATOR,PICK UP LOADED PALLETS WITH FLT,TRAVEL TO TRAILER AND RETURN,PROCESS DOCUMENTS FOR OFFLOADER CARGO ENDS=WITH PLACE PALLET LOAD ON TRAILER,DOCUMENTATION COMPLETE CASE A=1 VARIABLE TIME=GET AND PLACE EMPTY PALLET ON RAMP OR ELEVATOR WITH FORKLIFT TRUCK(922 TEHPPAB,922 TEHPSAC=908 TMUS PER PALLET=MULTIPLY BY TOTAL WAREHOUSE PALLETS OFFLOADED PER AIRCRAFT B=1 VARIABLE TIME=RAISE AND LOWER AIRCRAFT ELEVATOR(921 MMHELO1=2934 TMUS=MULTIPLY TIME BY NUMBER OF PALLETS MOVED BY ELEVATOR PER AIRCRAFT OFFLOADED) C=1 VARIABLE TIME=PLACE LOOSE PIECES ON PALLET OR RAMP(DETERMINE TIME PER PIECE FROM ELEMENT 929 TOHPHXX AND MULTIPLY BY TOTAL PIECES LOADED ON PALLET OR RAMP PER AIRCRAFT OFFLOADED) D=1 VARIABLE TIME=PICK UP PALLET LOAD FROM ELEVATOR OR RAMP,TRAVEL TO TRAILER AND RETURN TO AIRCRAFT WITH FORKLIFT TRUCK(922 TEHPPAB,TEHFTXX,TEHPSAC=DETERMINE TIME AND MULTIPLY BY NUMBER PALLET LOADS PER AIRCRAFT OFFLOADED) E=1 VARIABLE TIME=COMPLETE DOCUMENTATION (222 SWRDP23=714 TMUS PER PIECE=MULTIPLY BY NUMBER OF PIECES OFFLOADED)
DL	922	FAL	SO=9	KRCAOX2	CON/VAR	AIRCRAFT,OFFLOAD LOOSE CARGO(PER AIRCRAFT) STARTS=WITH 10K LOADER(FLT)PICK UP EMPTY PALLET INCLUDES=ALL THE TIME AND MOTIONS NECESSARY TO PICK UP PALLET,TRAVEL TO AIRCRAFT,POSITION PALLET AT DOOR,PLACE LOOSE PIECES ON PALLET, LOWER PALLET,TRAVEL WITH LOADED PALLET AND PLACE ON TRAILER,COMPLETE DOCUMENTATION ENDS=WITH PALLET IN PLACE ON TRAILER,DOCUMENTATION COMPLETE CASE A=2 VARIABLE TIME=OBTAIN EMPTY PALLET, POSITION,REMOVE LOADED PALLET AND PLACE ON TRAILER(922 SEHPPX2) B=2 VARIABLE TIME=LOAD LOOSE PIECES ON PALLET,COMPLETE DOCUMENTATION(929 TOHPHXX,222 SWRDP23=COMPUTE TIME AND MULTIPLY BY TOTAL PIECES OFFLOADED PER AIRCRAFT)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	SO=17	KRCAUX1	CON/VAR	AIRCRAFT,UNLOAD NON=PALLETIZED,BELLY LOADED CARGO=PER AIRCRAFT STARTS=WITH WORKERS BOARDING AIRCRAFT INCLUDES=ALL THE MOTIONS NECESSARY TO BOARD AIRCRAFT(TWO WORKERS),GET EMPTY PALLET WITH FORKLIFT TRUCK AND POSITION AT UNLOADING DOOR OF AIRCRAFT,LOAD LOOSE PIECES OF MIXED SIZE ON PALLET,MOVE LOADED PALLET TO TRAILER,MOVE TRAILER TO TERMINAL,TAKE LOADED PALLETS OFF TRAILER AND PLACE ON FLOOR AT BREAKDOWN POINT, MOVE CARGO FROM PALLET TO CONVEYOR BY HAND, RETURN EMPTY PALLET TO STORAGE,DISMOUNT AIRCRAFT ENDS=WITH WORKERS OUT OF AIRCRAFT,EMPTY PALLETS RETURNED TO STORAGE
					1192	CASE 1=1 CONSTANT TIME=TWO WORKERS BOARD AND DISMOUNT AIRCRAFT(U MBMAC01) A=1 VARIABLE TIME=PALLETIZE,DEPALLETIZE CARGO,COMPLETE DOCUMENTATION(MULTIPLY TIMES FOR ELEMENTS 922 TOHPHXX TO LOAD PALLET,922 TOHPHXX TO UNLOAD PALLET,222 SWRDP23 TO COMPLETE DOCUMENTATION BY NUMBER OF LOOSE PIECES UNLOADED FROM AIRCRAFT AND BY CREW SIZE) B=1 VARIABLE TIME=GET AND POSITION PALLET AT AIRCRAFT DOOR,PLACE LOADED PALLET ON TRAILER,UNLOAD TRAILER AT TERMINAL (DETERMINE TIME FROM ELEMENTS 922 SEH PP1=2,922 TEHPPXX,922 TEHPSXX AND MULTIPLY BY NUMBER OF PALLETS PER AIRCRAFT C=1 VARIABLE TIME=PUSH PALLET ON ROLLER CONVEYOR TO BREAKDOWN,POINT,WORKERS WALK TO PALLET(DETERMINE TIME FROM ELEMENTS 921 TEHPMXX,U TBMHCXX FOR DISTANCE PALLET IS MOVED AND WORKERS WALK FOR CREW=MULTIPLY BY PALLET PER AIRCRAFT WITH EMPTY PALLET TO AIRCRAFT,TRAVEL WITH LOAD TO TRAILER(DETERMINE TIME FROM ELEMENT 922 SEHPPA=Z AND MULTIPLY NUMBER PALLETS UNLOADED PER AIRCRAFT) E=1 VARIABLE TIME=FORKLIFT TRUCK PICK UP EMPTY PALLET STACK,TRAVEL TO STORAGE, STACK PALLETS(DETERMINE TIME FROM ELEMENTS 922 TEHPPXX,922 TEHPSXX AND 922 TEHFTXX=MULTIPLY TIME BY NUMBER OF TRIPS PER AIRCRAFT UNLOADED) F=1 VARIABLE TIME=TRAILER TRAVEL TO TERMINAL AND RETURN TO AIRCRAFT(DETERMINE TIME FOR LOCAL DISTANCE FROM 922 TEHFTXX,MULTIPLY BY NUMBER TRIPS PER AIRCRAFT UNLOADED)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	SO=2A	KRCAUX2	CON/VAR	AIRCRAFT,UNLOAD 463L PALLETS WITH 10K LOADER STARTS=WITH PICK UP FIRST TRAILER WITH SLAVE PALLET WITH 10K LOADER INCLUDES=ALL THE MOTIONS NECESSARY TO PICK UP TRAILER,MOVE AND POSITION TRAILER AT AIRCRAFT DOOR,CHOCK WHEELS ON FIRST POSITION TO GUIDE FORKLIFT,UNLOCK AND MOVE 463L PALLET FROM AIRCRAFT TO TRAILER,LOWER LOADER TRAILER AND MOVE TO ASSEMBLE TRAILER TRAIN ENDS=WITH TRAILER LOWERED AND MOVED ASIDE CONDITIONS=TIME TO MOVE TRAILER 80 FEET TO AND FROM THE AIRCRAFT IS INCLUDED=SIX MAN CREW
					8189	CASE 1=2 CONSTANT TIME=GET AND POSITION FIRST TRAILER WITH SLAVE PALLET AT AIRCRAFT DOOR,CHOCK WHEELS(922 MEHKP01,U MOH P001)=ONE TIME PER AIRCRAFT
						A=2 VARIABLE TIME=GET AND POSITION EACH ADDITIONAL TRAILER WITH SLAVE PALLET, UNLOAD 463L PALLET TO SLAVE, MOVE TO LOCATION TO ASSEMBLE TRAILER TRAIN (921 SEHPU01,922 TEHPPAB=MULTIPLY TIME BY NUMBER OF 463L PALLETS UNLOADED WITH 10K LOADER PER AIRCRAFT)
DL	922	MAL	SO=2B	KRCAUX3	CON/VAR	AIRCRAFT,UNLOWD 463L PALLET WITH 25/40K LOADER STARTS=WITH START TRAVEL TO AIRCRAFT WITH 25/40K LOADER INCLUDES=ALL THE TIME AND MOTIONS NECESSARY TO TRAVEL TO AIRCRAFT,LIFT LOADER TO DOORWAY AND ALIGN,UNLOCK AND MOVE PALLET OUT OF AIRCRAFT ONTO LOADER,LASH PALLET TO LOADER AND MOVE AWAY FROM AIRCRAFT ENDS=WITH LOADER MOVED AWAY FROM AIRCRAFT WITH LOAD CONDITIONS=TIME IS INCLUDED TO MOVE LOADER 80 FEET TO AIRCRAFT CASE 1=3 VARIABLE TIME=POSITION 25/40K LOADER TO AIRCRAFT(922 MEHKP02=DIVIDE TOTAL PALLETS UNLOADED BY NUMBER OF PALLETS MULTIPLY BY TIME THIS CASE=24 TMUS) UNLOADED ON ONE 25/40K LOADER AND A=3 VARIABLE TIME=UNLOAD 463L PALLET LOAD ONTO 25/40K LOADER,LOCK PALLET ONTO LOADER(921 SMHC001(14436 TMUS)=MULTIPLY BY NUMBER OF PALLETS UNLOADED BY 25/40K LOADER PER AIRCRAFT) B=3 VARIABLE TIME=MOVE LOADER AWAY FROM DISTANCE FROM ELEMENT 922 TEHFTXX AND MULTIPLY BY FREQUENCY DEVELOPED FOR CASE 1=3) C=3 VARIABLE TIME=PLACE ADDITIONAL CARGO TIEDOWNS ON LOADED 25/40K LOADER AS NEEDED(USE LOCAL TIMES AND FREQUENCIES AS NEEDED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	SO=16	KRCCMX1	CON/VAR	CARGO(U/W CODED),MOVE FROM LOAD SPOT TO STORAGE/HOLD AREA STARTS=WITH TRAVEL TO BULK HOLD AREA INCLUDES=ALL THE TIME NECESSARY TO MOVE A PIECE OF OUTSIZE(CODE U OR W)CARGO FROM THE AIRCRAFT TO A HOLD AREA ENDS=WITH PIECE STACKED IN HOLD AREA CONDITIONS=1/3 OF PIECES TOWABLE=MOUNT AND DISMOUNT FORKLIFT,COLEMAN OR TUG TWO TIMES FOR EVERY THREE PIECES MOVED
					1476	CASE 1=1 CONSTANT TIME=MOUNT AND DISMOUNT MHE, WALK TO/FROM/TOWABLE PIECE,HOOK TO/FROM PIECE IF TOWABLE,LIFT NOT TOWABLE PIECE,SET DOWN NOT TOWABLE PIECE(922 MEHFP08,U BBMW001(10 PACES) AND U BBMHC01(2),922 MEHTH01,922 TEH PPAB,922 TEHPSAB) A=1 VARIABLE TIME=FORKLIFT,COLEMAN OR TUG TRAVEL TO/FROM BULK HOLDING AREA AND LOADING SPOT=COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENT 922 TEHFTXX
DL	922	FAL	SR=23	KRCCUXB	CON/VAR	CARRIER(VAN TRUCK),UNLOAD TO STORAGE WITH FORK LIFT=PALLET STARTS=WITH PICK UP PALLET LOAD IN TRUCK INLCUDES=ALL THE TIME NECESSARY TO PICK UP A PALLET LOAD OF MATERIAL IN A VAN TRUCK AND MOVE THE PALLET TO A STORAGE LOCATION,PROCESS DOCUMENTS PER PALLET ENDS=WITH DOCUMENTS PROCESSED AND FORKLIFT RETURNED TO TRUCK READY FOR NEXT PICK UP
					2151	CASE 1=B CONSTANT TIME=MOVE PALLET LOAD OUT OF TRUCK,STACK IN STORAGE LOCATION, PROCESS DOCUMENTS PER PALLET(922 SEH PT01,922 TEHPSXX,222 SWRDP01) A=B VARIABLE TIME=FORKLIFT TRUCK TRAVEL FROM TRUCK TO STORAGE LOCATION AND RETURN=COMPUTE FORKLIFT TRAVEL TIME FOR LOCAL DISTNACE FROM 922 TEHFTXX
DL	922	MUL	SR=42	KRCCUXC	CON/VAR	CARRIER(COMMON=RAIL),UNLOAD TO STORAGE=VEHICLE STARTS=WITH RELEASE FIRST TIEDOWN CHAIN INCLUDES=ALL THE TIME NECESSARY TO RELEASE TIEDOWNS,UNLOAD WHEELED VEHICLE AND TOW TO STORAGE LOCATION,TOW VEHICLE RETURN TO CARRIER PROCESS DOCUMENTS PER VEHICLE RECEIVED ENDS=WITH DOCUMENTATION PER RECEIVED VEHICLE COMPLETE,TOW VEHICLE RETURNED TO CARRIER CONDITIONS=WHEELED VEHICLES ARE MOVED FROM SPECIAL CARS TO HOLD AREA AND SUBSEQUENTLY TO A STORAGE LOCATION=TWO MAN OPERATION
					4840	CASE 1=C CONSTANT TIME=RELEASE TIEDOWN CHAINS (ESTIMATE),WALK BETWEEN TIEDOWNS,HOOK AND UNHOOK TOW AND TOWED VEHICLE(TWO TIMES),MOUNT AND DISMOUNT RECEIVED VEHICLE,TRAVEL(WALK)INCIDENT TO HOOK AND UNHOOK,PROCESS DOCUMENTS PER VEHICLE RECEIVED(U BBMW001,922 MEHTH 01,U MEVTM01,222 SWRDP01,U BBMHC01 A=C VARIABLE TIME=TOW RECEIVED VEHICLE FROM CAR TO HOLD AREA AND FROM HOLD AREA TO STORAGE AND RETURN=COMPUTE TRAVEL TIME FOR LOCAL DISTANCES AND CREW SIZE FROM ELEMENT 922 MEHVTXX

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MUL	SR-34	KRCCUXE	CON/VAR	CARRIER(FLATBED TRUCK),UNLOAD AND MOVE TO STORAGE-WHEELED VEHICLE STARTS-WITH HOOK TOW VEHICLE TO RECEIVED VEHICLE INCLUDES-ALL THE TIME NECESSARY TO UNLOAD A WHEELED VEHICLE FROM A FLATBED TRUCK AND MOVE THE VEHICLE TO A HOLD AREA AND ON TO A STORAGE LOCATION AND RETURN,PROCESS DOCUMENTS PER RECEIVED VEHICLE ENDS-WITH DOCUMENTS PROCESSED AND TOW VEHICLE RETURNED TO TRUCK
					4539	CASE 1-E CONSTANT TIME-HOOK AND UNHOOK TOWED AND TOW VEHICLES,REMOVE BLOCKS FROM WHEELED VEHICLE,MOUNT AND DISMOUNT RECEIVED VEHICLE,DOCUMENT PROCESSING PER VEHICLE,TRAVEL(WALK)INCIDENT TO HOOK UNHOOK VEHICLES(922 MEHTH01,929 MTLBU01,U MEVTM01,222 SWRDP01,U B8M W001,U B8MHC01) A-E VARIABLE TIME-TOW VEHICLE TO HOLD AREA AND RETURN-TOW VEHICLE FROM HOLD AREA TO STORAGE AND RETURN(TWO MEN)-COMPUTE FOR LOCAL TRAVEL DISTANCES FROM ELEMENT 922 MEHVTXX
DL	922	FAL	SR-37	KRCCUX2	CON/VAR	CARRIER(GONDOLA CAR),UNLOAD CONEX STARTS-WITH PICK UP CONEX FROM GONDOLA CAR INCLUDES-ALL THE TIME NECESSARY TO PICK UP CONEX,TRAVEL TO STORAGE,DROP CONEX,PROCESS DOCUMENTS PER CONEX ENDS-WITH CONEX IN STORAGE,DOCUMENTATION COMPLETE
					2468	CASE 1-2 CONSTANT TIME-PICK UP CONEX,DROP CONEX,PROCESS DOCUMENTS(922 TEHPPAF,922 TEHPSAH,222 SWRDP01) A-2 VARIABLE TIME-FORKLIFT TRAVEL TO STORAGE AND RETURN-COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	SR-27	KRCCUX5	CON/VAR	CARRIER(TRUCK),UNLOAD THROUGH CENTRAL RECEIVING TO STORAGE LOCATION-PALLET STARTS-WITH PICK UP PALLET LOAD IN TRUCK INCLUDES-ALL THE TIME NECESSARY FOR MOVEMENT OF A PALLET LOAD OF MATERIAL FROM A TRUCK TO CENTRAL RECEIVING TO CENTRAL RECEIVING HOLD AREA AND FROM THE HOLD AREA INTO A STORAGE LOCATION,PROCESS BILL OF LADING PER PALLET LOAD ENDS-WITH PALLET LOAD IN LOCATION,FORKLIFT RETURNED TO PICK UP POINT,DOCUMENTATION COMPLETE
					4122	CASE 1-5 CONSTANT TIME-PICK UP AND MOVE PALLET OUT OF TRUCK,STACK IN CENTRAL RE-CEIVING,PICK UP IN CENTRAL RECEIVING, DROP IN HOLD AREA,PICK UP PALLET IN HOLD AREA AND DROP ON TRAILER TRAIN OR TRUCK TRAILER,PICK UP PALLET FROM CONVEYANCE AND PLACE IN STORAGE HOLD AREA(922 SEHPT01,922 TEHPSXX,922 TEH PPXX)
					1495	A-5 VARIABLE TIME-PROCESS BILL OF LADING-TO DETERMINE BILL PROCESSING TIME PER PALLET RECEIVED,MULTIPLY BY THE RATIO OF BILLS OF LADING PER PALLET(DIVIDE NUMBER OF BILLS BY NUMBER OF PALLETS)
						B-5 VARIABLE TIME-FORKLIFT TRAVEL;FROM TRUCK TO CENTRAL RECEIVING AND RETURN,FROM CENTRAL RECEIVING TO CENTRAL RECEIVING HOLD AREA AND RETURN,FROM HOLD AREA TO CONVEYANCE AND RETURN,FROM CONVEYANCE TO STORAGE HOLD AREA AND RETURN-COMPUTE FORKLIFT TRAVEL TIME FOR LOCAL DISTANCES FROM ELEMENT 922 TEHFTXX
						C-5 VARIABLE TIME-FORKLIFT TRAVEL FROM STORAGE HOLD AREA TO STORAGE LOCATION -COMPUTE TRAVEL TIME FOR LOCAL DISTANCE AND APPLY RATIO OF TRIPS PER PALLET TO DETERMINE PER PALLET TIME (922 TEHFTXX)
						D-5 VARIABLE TIME-PICK UP PALLET IN STORAGE HOLD AND PLACE(DROP)IN STORAGE LOCATION-DETERMINE TIME FROM ELEMENTS 922 TEHPPXX AND 922 TEHPSXX AND APPLY RATIO OF PICK UP AND DROP PER PALLET
DL	922	FAL	SR-20	KRCCUX8	CON/VAR	CARRIER(RAILCAR),UNLOAD TO STORAGE,PALLETS STARTS-WITH FORKLIFT PICK UP PALLET IN CAR INCLUDES-ALL THE TIME NECESSARY TO PICK UP A PALLET LOAD OF MATERIAL IN A RAILCAR AND PLACE THE PALLET IN STORAGE,PROCESS DOCUMENTS PER PALLET LOAD ENDS-WITH RETURN OF FORKLIFT FROM STORAGE AND DOCUMENTATION PER PALLET COMPLETE
					2304	CASE 1-8 CONSTANT TIME-PICK UP AND MOVE PALLET OUT OF CAR,STACK PALLET IN STORAGE LOCATION,PROCESS DOCUMENTS PER PALLET LOAD(922 SEHPT01,922 TEHPSAH,222 SWR DP01)
						A-8 VARIABLE TIME-FORKLIFT TRAVEL FROM CARRIER TO STORAGE AND RETURN-COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	SR-25	KRCCUX9	CON/VAR	CARRIER(FLATBED TRUCK),UNLOAD TO STORAGE-PALLET
						STARTS-WITH PICK UP PALLET LOAD IN TRUCK BY FORKLIFT
						INCLUDES-ALL THE TIME NECESSARY TO PICK UP AND MOVE A PALLET LOAD OF MATERIAL FROM A FLATBED TRUCK TO A STORAGE LOCATION WITH A FORKLIFT TRUCK,PROCESS DOCUMENTS PER PALLET
						ENDS-WITH DOCUMENTATION FOR PALLET COMPLETE AND FORKLIFT RETURNED TO PICK UP POINT IN TRUCK
					3209	CASE 1-9 CONSTANT TIME-PICK UP PALLET FROM TRUCK,DROP PALLET ON DOCK,PICK UP FROM DOCK,STACK IN STORAGE,PROCESS DOCUMENTS PER PALLET(922 TEHPPAD,922 TEHPSAD,222 SWRDP01,922 TEHPPAB,922 TEHPSAH
						A-9 VARIABLE TIME-FORKLIFT TRUCK TRAVEL-TO MOVE PALLET FROM FLATBED TRUCK TO DOCK AND FROM DOCK TO STORAGE AND RETURN-COMPUTE TRAVEL TIME FOR LOCAL DISTANCES FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	SO-5	KRCPBX1	CON/VAR	PALLET(463L),BREAKDOWN(PER PALLET) STARTS-WITH WALK TO PALLET AT BREAKDOWN DOCK INCLUDES-ALL THE MOTIONS NECESSARY TO WALK TO PALLET TO BREAKDOWN POSITION,REMOVE CARGO NET, PROCESS DOCUMENTS PER PIECE,MOVE CARGO FROM PALLET TO CONVEYOR(LOOSE PIECES),PICK UP AND MOVE PALLET OR UNIT LOAD TO HOLD AREA,MOVE CARGO INTO SECURITY CAGE WHEN REQUIRED,MOVE CONVEYORIZED CARGO TO HOLD OR TERMINATING LINE,ROUTE CARGO ON MECHANIZED CONVEYOR,RETURN EMPTY 463L PALLETS AND NETS TO STORAGE ENDS-WITH PALLETS AND NETS RETURNED TO STORAGE AND CARGO ROUTED ON MECHANIZED CONVEYOR SYSTEM WHEN APPLICABLE
					21251	CASE 1=1 CONSTANT TIME-WALK FROM BREAKDOWN POINT TO PALLET(26 FEET),PUSH PALLET TO BREAKDOWN POINT ON CONVEYOR(26 FEET),REMOVE PALLET RESTRAINT,REMOVE CARGO NET,PICK UP EMPTY PALLET AND STACK IN STORAGE AREA(U TBMPCKA;U BBM HC01,929 MACPL04,921 TMHPMXX,920 MPK DC01) A=1 VARIABLE TIME-FORKLIFT TRAVEL WITH EMPTY PALLET TO STORAGE AREA AND RETURN(COMPUTE FROM ELEMENT 922 TEHFTXX AND DIVIDE BY NUMBER OF PALLETS MOVED PER TRIP) B=1 VARIABLE TIME PROCESS DOCUMENTS PER PIECE(222 SWRDP23=714 TMUS-MULTIPLY BY NUMBER OF PIECES PER PALLET) C=1 VARIABLE TIME-REMOVE LOOSE PIECES FROM 463L PALLET AND PLACE ON CONVEYOR(929 TOHPHXX,MULTIPLY BY NUMBER HANDLED TO CONVEYOR PER PALLET) D=1 VARIABLE TIME-PICK UP UNIT LOAD OR PALLET LOAD SET DOWN(922 TEHPPAC,922 TEHPSAE) E=1 VARIABLE TIME-MOVE PALLET OR UNIT LOAD BY FLT TO HOLD AREA(COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEH FTXX AND BY RATIO TO 463L PALLETS) F=1 VARIABLE TIME-MOVE PIECES FROM BREAKDOWN POINT TO HOLD OR TERMINATION ON CONVEYOR,INCLUDES STEP TO CONTROL, ACTUATE CONTROLS TO START AND STOP CONVEYOR,STEP BACK TO WORK AREA(921 MMHCM01=11238 TMUS PER PIECE-MULTIPLY BY NUMBER OF CONVEYORIZED PIECES PER 463L PALLET) G=1 VARIABLE TIME-PICK UP AND PLACE SECURITY CARGO IN SECURITY CAGE(COMPUTE FROM ELEMENT 922 SEHCMX1 AND MULTIPLY BY PIECE OF SECURITY CARGO PER 463L PALLET UNLOADED) H=1 VARIABLE TIME-ROUTE CARGO ON MECHANIZED CONVEYOR,CHECK AND IDENTIFY EACH PIECE-(USE LOCAL TIME AND MULTIPLY BY PALLETIZABLE/CONVEYORABLE PIECES PER 463L PALLET

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	SO=12	KRCPBX2	CON/VAR	PALLET(WAREHOUSE),BREAKDOWN. STARTS=WITH WALK FROM BREAKDOWN POINT TO PALLET INCLUDES=ALL THE TIME AND MOTIONS NECESSARY TO WALK TO PALLET,PUSH PALLET LOAD ON CONVEYOR TO BREAKDOWN POINT,MOVE PIECES FROM PALLET TO CONVEYOR, PICK UP SPECIAL HANDLED CARGO ON PALLET AND MOVE TO SPECIFIC WITH FLT AND RETURN,MOVE SECURITY CARGO INTO SECURITY CAGE, MOVE CONVEYORIZED PIECES TO HOLD OR TERMINATING LINE,ROUTE MATERIAL ON MECHANIZED CONVEYOR AND RETURN EMPTY PALLETS TO STORAGE ENDS=WITH EMPTY PALLETS RETURNED TO STORAGE
					11238	CASE 1=2 CONSTANT TIME=MOVE CARGO ON CONVEYOR TO HOLD OR TERMINATING LINE(921 MHH (MO1=PER AIRCRAFT OFFLOADED)
						A=2 VARIABLE TIME=WALK TO PALLET,PUSH PALLET TO BREAKDOWN POINT(U BBMWO01, U BBMHC01,921 TMHPMXX=DETERMINE TIME FOR LOCAL DISTANCES AND MULTIPLY BY BY NUMBER OF PALLETS PER AIRCRAFT OFFLOADED)
						B=2 VARIABLE TIME=MOVE CARGO FROM PALLET TO CONVEYOR OR PALLET(DETERMINE TIME FOR AVERAGE WEIGHT AND DENSITY FROM ELEMENT 929 TUHPHXX AND MULTIPLY BY TOTAL PIECES PER OFFLOADED AIRCRAFT)
						C=2 VARIABLE TIME=PICK UP PALLET OF SPECIAL HANDLED CARGO,MOVE TO SPECIAL AREA AND SET DOWN(DETERMINE TIME PER PALLET 922 TEHPPXX,922 TEHFTXX,922 TEHPSXX AND MULTIPLY BY NUMBER OF SPECIAL HANDLED PALLETS PER OFFLOADED AIRCRAFT)
						D=2 VARIABLE TIME=MOVE SECURITY CARGO INTO SECURITY CAGE(922 SEHCMX1 TIMES NUMBER OF SECURITY CARGO PALLETS PER OFFLOADED AIRCRAFT)
						E=2 VARIABLE TIME=ROUTE MATERIAL ON CONVEYOR(MECHANIZED),USE LOCAL FOR TIME TO CHECK CARGO,DETERMINE ROUTING,ACTUATE CONTROLS(MULTIPLY BY TOTAL NUMBER OF CONVEYORIZED PIECES PER OFFLOADED AIRCRAFT)
						F=2 VARIABLE TIME=RETURN PALLETS TO STORAGE(922 SEHPRX2=COMPUTE AND MULTIPLY TIME BY NUMBER OF STACKS PER AIRCRAFT RETURNED TO STORAGE)
DL	922	FAL	SR=38	KRCPPX1	CON/VAR	PALLET(EMPTY),PLACE;MOVE LOADED STARTS=WITH WALK TO EMPTY PALLET INCLUDES=ALL THE TIME NECESSARY TO MANUALLY PLACE A PALLET IN POSITION TO LOAD,PICK UP PALLET AFTER LOADING WITH A FORKLIFT TRUCK, MOVE PALLET LOAD TO STORAGE,STACK,RETURN TO LOADING POINT,PROCESS DOCUMENTS PER PALLET ENDS=WITH RETURN TO LOAD POINT=DOCUMENTATION COMPLETE
					2345	CASE 1=1 CONSTANT TIME=POSITION PALLET FOR LOADING,PICK UP PALLET,DROP PALLET, PROCESS DOCUMENTS PER PALLET(929 MOH PM02,922 TEHPPAB,922 TEHFSAH,222 SWR DP01)
						A=1 VARIABLE TIME=TRAVEL TO STORAGE WITH PALLET LOAD AND RETURN EMPTY=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	SO=4	KRCPTX1	CON/VAR	PALLET(463L),TRANSFER TO BREAKDOWN DOCK,STOW EQUIPMENT,DELIVER PAPER WORK TO OFFICE STARTS=WITH ADDITIONAL MEN WALK TO DOCK INCLUDES=ALL THE MOTIONS NECESSARY FOR MEN TO DOCK,REMOVE SUPPLEMENTRY TIEDOWNS FROM 25/40K LOADER,LOAD PALLET(463L)OF CARGO ONTO PALLET BREAKDOWN DOCK,MOVE EMPTY 25/40K LOADER AWAY FROM DOCK,PICK UP STACK OF EMPTY TRAILERS AND PLACE IN STORAGE,TRAVEL TO EQUIPMENT STORAGE, MEN RETURN TO CREW AREA,DELIVER PAPER WORK TO OFFICE ENDS=WITH PAPERWORK DELIVERED TO OFFICE
					8034	CASE 1=1 CONSTANT TIME=POSITION 10K LOADER TO PALLET BREAKDOWN DOCK=FIRST PALLET (922 MEHKP01) A=1 VARIABLE TIME=POSITION 25/40K LOADER TO PALLET BREAKDOWN DOCK(922 MEHKP02=14388 TMUS=DIVIDE NUMBER OF 463L PALLETS UNLOADER PER AIRCRAFT BY 25/40K LOADER BY NUMBER OF PALLETS PER LOADER AND MULTIPLY BY TIME FOR THIS CASE) B=1 VARIABLE TIME=LOAD PALLET OF CARGO FROM 10K LOADER ONTO PALLET BREAKDOWN DOCK,MOVE EMPTY TRAILER ASIDE(80 FEET FROM DOCK)(921 SEHPL01=22782 TMUS=MULTIPLY BY NUMBER OF PALLETS LOADED WITH 10K LOADER ONTO BREAKDOWN DOCK PER AIRCRAFT) C=1 VARIABLE TIME=LOAD PALLET OF CARGO FROM 25/40K LOAD ONTO PALLET BREAK-DOWN DOCK(921 SMHCL01=14238 TMUS=MULTIPLY BY NUMBER OF PALLETS LOADED ONTO PALLET BREAKDOWN DOCK WITH 25/40 K LOADER) D=1 VARIABLE TIME=PICK UP STACK OF EMPTY PALLETS AND STACK IN PALLET STORAGE AREA(922 TEHPPXX,922 TEHPSXX,922 TEH FTXX=COMPUTE TIME,DIVIDED BY THE NUMBER PALLETS PER TRIP AND MULTIPLY BY NUMBER TRIPS PER AIRCRAFT E=1 VARIABLE TIME=MOVE 25/40K LOADER AWAY FROM DOCK(922 TEHFTXX=COMPUTE TIME AND MULTIPLY BY TOTAL PALLETS PER AIRCRAFT/NUMBER PALLETS PER 25/40K LOADER LOAD) F=1 VARIABLE TIME=WORKERS WALK TO AND FROM WORK AREA(COMPUTE TIME U 88MW001 AND MULTIPLY BY NUMBER OF WORKERS) G=1 VARIABLE TIME=DELIVER PAPERWORK TO OFFICE(COMPUTE FROM ELEMENT U 88MW0 01) H=1 VARIABLE TIME=EQUIPMENT TRAVEL TO STORAGE AREA(K=LOADERS,CARGO TUGS)=(COMPUTE TRAVEL FROM ELEMENT 922 TEH TFXX,U 8EUVTXX=PER AIRCRAFT OFF-LOADED)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	TUL	SL=1	KRCTOX1	CON/VAR	TRUCK/TRAILER,OFFLOAD AT TERMINAL,MOVE CARGO TO TEMPORARY HOLD AREA STARTS=WITH WORKER RECEIVING INSTRUCTIONS INCLUDES=ALL THE MOTIONS NECESSARY TO PREPARE TRUCK/TRAILER FOR UNLOADING,PLACE EMPTY PALLET IN TRAILER,PALLETIZE CARGO,FLT TRAVEL INTO TRAILER,PICK UP PALLET LOAD,TRAVEL OUT OF TRAILER TO CONVEYOR AND SET LOAD ON CONVEYOR, RETURN,MOVE BULK PIECE/UNIT LOAD TO HOLD AND RETURN,MOVE SPECIAL HANDLED CARGO TO SPECIFIC AREA AND RETURN,SET DOWN UNIT LOAD OR PALLET, RETURN EMPTY PALLET TO STORAGE,MOVE CARGO ON CONVEYOR FROM DOCK TO PIT LOOP OR HOLD LINE, PROCESS DOCUMENTS PER BULK PIECE/UNIT LOAD/, WAREHOUSE PALLET,MOVE CLASSIFIED/SECURITY CARGO INTO CAGE,CLEANUP CARRIES ENDS=WITH TRUCK UNLOADED,CLEANED AND CREW READY TO MOVE TO NEXT ASSIGNMENT
					10913	CASE 1=1 CONSTANT TIME=MOVE CONVEYORIZED CARGO FROM TRUCK DOCK TO PIT LOOP OR HOLD LINE
						A=1 VARIABLE TIME=PREPARE TRUCK/TRAILER FOR UNLOADING(929 KJPCPX1),RETURN EMPTY PALLET TO STORAGE(922 TEHPPXX, 922 TEHPSXX,922 TEHFTXX)=COMPUTE TIME AND MULTIPLY BY RATIO OF NON=MECHANIZED TRUCKS TO TOTAL TRUCKS RECEIVED
						B=1 VARIABLE TIME=GET AND PLACE EMPTY PALLET IN TRUCK(929 MOHPM02=551 TMUS) TIMES NUMBER OF WAREHOUSE PALLETS BUILT UP PER TRUCK/TRAILER RECEIVED
						C=1 VARIABLE TIME=PALLETIZED CARGO=DETERMINE TMU VALUE PER PIECE FROM ELEMENT 929 TOHPHXX AND MULTIPLY BY LOOSE NON=MECHANIZED PIECES PER PIECE RECEIVED
						D=1 VARIABLE TIME=MOVE CARGO FROM TRUCK TO DESTINATION(PALLETS,BULK PIECES, UNIT LOADS AND SPECIAL HANDLED CARGO) (922 KRCCUXB TIMES TOTAL NUMBER OF PALLETS,ETC.MOVED BY FORKLIFT TRUCK PER TRUCK/TRAILER RECEIVED
						E=1 VARIABLE TIME=MOVE CARGO FROM PALLET TO CONVEYOR(COMPUTE TIME PER PIECE FROM ELEMENT 929 TOHPHXX),ROUTE CARGO ON CONVEYOR(921 MMHCM01=179 TMUS)= ADD AND MULTIPLY BY NUMBER OF LOOSE CONVEYORIZED PIECES PER TRUCK RECEIVED
						F=1 VARIABLE TIME=PICK UP AND MOVE CARGO INTO SECURITY CAGE(922 SEHCMX1 TIMES NUMBER OF PIECES OF SECURITY CARGO PER TRUCK/TRAILER RECEIVED)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	SR=41	KRCVMX1	CON/VAR	VEHICLE(RECEIVED),MOVE TO STORAGE STARTS=WITH PROCESS FREIGHT BILL OR BILL OF LADING INCLUDES=ALL THE TIME NECESSARY TO PROCESS BILL,RETURN BILL TO DRIVER,MOUNT AND DISMOUNT TOW VEHICLE(2 MEN),TRAVEL TO RECEIVED VEHICLES(2 MEN),HOOK AND UNHOOK RECEIVED AND TOW VEHICLE,TOW RECEIVED VEHICLE TO STORAGE ENDS=WITH RETURN OF TOW VEHICLE FROM STORAGE CONDITIONS=THREE VEHICLES RECEIVED PER BILL, VEHICLES TOWED ONE PER TRIP TO STORAGE=TWO MAN OPERATION=TIMES ARE PER VEHICLE TO STORAGE
					2075	CASE 1=1 CONSTANT TIME=PROCESS DOCUMENTS(BILL OF LADING OR FREIGHT BILL),MOUNT AND DISMOUNT TOW VEHICLES(2),RETURN BILL TO DRIVER,HOOK/UNHOOK TOW AND TOWED VEHICLES(222 SWROP03,U TPLOPEA,922 MEHFP08,922 MEHTH01,U BBMW001,U BBM HC01
						A=1 VARIABLE TIME=TOW VEHICLE TRAVEL TO RECEIVED VEHICLE AND RETURN=COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 MEHVTXX
						B 1 VARIABLE TIME=TOW VEHICLE TRAVEL ONE WAY WITH TOW AND ONE WAY WITHOUT TOW=ONE ROUND TRIP PER RECEIVED VEHICLE=TWO MEN=COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 MEHVTXX

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TO=1	JRCAOX1	VARIABLE	AIRCRAFT,OFFLOAD PALLETIZED CARGO=AFLC AND MAC

PART I=ELEMENTS

A ASSEMBLE CREW AND EQUIPMENT,TRAVEL TO AIRCRAFT PARKING AREA=PREPARE AIRCRAFT FOR OFFLOADING
1=AFLC=10K LOADER=922 KJPEA01
2=MAC=10K LOADER=922 KJPEA02
3=AFLC=25/40K LOADER=922 KJPEA03
4=MAC=25/40K LOADER=922 KJPEA04

B OFFLOAD 463L PALLETS FROM AIRCRAFT
1=10K LOADER=922 KRCAUX2
2=25/40K LOADER=922 KRCAUX3

C OFFLOAD LOOSE CARGO,BELLY=LOADED AIRCRAFT
922 KRCAUX1

D CLEAN UP LOADING SPOT
929 SJPCS02

E TRANSFER 463L PALLET LOADS TO PALLET BREAKDOWN DOCK,STOW EQUIPMENT,DELIVER PAPERWORK TO OFFICE
1=WITH 10K LOADER=922 KRCPT1=1,B=1,D=1, F=1,G=1,H=1
2=WITH 25/40K LOADER=922 KRCPTA=1,C=1, E=1,F=1,G=1,H=1

F BREAKDOWN 463L PALLET LOAD
922 KRCPBX1

G CREW AND EQUIPMENT TRAVEL TO "HOT SPOT" AND RETURN
922 KJPCTX1

H ONLOAD TRUCK/TRAILER AT AIR TERMINAL
922 KEHCLX1

PART II=FREQUENCIES/OCCURRENCIES

J NUMBER PALLETIZED AIRCRAFT OFFLOADER

K NUMBER OF 463L PALLETS PER PALLETIZED AIRCRAFT OFFLOADED

L NUMBER PALLETIZED AIRCRAFT OFFLOADED AT "HOT SPOT" PER PALLETIZED AIRCRAFT OFFLOADED(AFLC OR MAC)

M NUMBER OF TRUCKS ONLOADED PER TOTAL OFFLOADED AIRCRAFT

PART III=NORMAL TIME

N PER AIRCRAFT OFFLOADED
1=AFLC=WITH 10K LOADER
A1+D+(B1+C+E1)J+F(K)+G(L)+H(M)

2=MAC=WITH 10K LOADER
A2+D+(B1+C+E1)J+F(K)+G(L)+H(M)

3=AFLC=WITH 25/40K LOADER
A3+D+(B2+C+E2)J+F(K)+G(L)+H(M)

4=MAC=WITH 25/40K LOADER
A4+D+(B2+C+E2)J+F(K)+G(L)+H(M)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M BASIC VOLUME,APPENDIX II

P ALLOWANCE FACTOR(AF)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TO-1	JRCAOX1		
						PART V-STANDARD TIME
						Q PER AIRCRAFT OFFLOADED 1-AFLC-WITH 10K LOADER N1(P)
						2-MAC-WITH 10K LOADER N2(P)
						3-AFLC-WITH 25/40K LOADER N3(P)
						4-MAC-WITH 25/40K LOADER N4(P)
						PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE
DL	922	FAL	TO-2	JRCAOX2	VARIABLE	AIRCRAFT(NON-PALLETIZED),OFFLOAD
						PART I-ELEMENTS
						A ASSEMBLE CREW AND EQUIPMENT,TRAVEL TO AND FROM AIRCRAFT LOADING SPOT,PREPARE AIRCRAFT TO OFFLOAD-CLEAN AIRCRAFT AND LOADING AREA 922 KJPCAX1 922 SJPSCX1
						B OFFLOAD/LOAD LOOSE CARGO,ASSEMBLE TRAILERS INTO TRAIN,PICK UP PALLET OF MATERIAL AND PLACE ON PALLET BREAKDOWN DOCK,BREAKDOWN PALLET 922 KRCAOX2 922 KJPCPX1 922 KRCPBX2
						C TRAVEL TO AIRCRAFT*HOT SPOT*LOADING AREA 922 KJPCTX1
						D ONLOAD TRUCK/TRAILER AT AIR TERMINAL 922 KEHCLX1
						PART II-FREQUENCIES/OCCURRENCES
						E NUMBER OF NON-PALLETIZED*HOT SPOT*AIRCRAFT OFFLOADED PER OFFLOADED NON-PALLETIZED AIRCRAFT
						F TOTAL ONLOADED TRUCKS/TRAILERS PER TOTAL OFFLOADED AIRCRAFT
						PART III-NORMAL TIME
						G PER NON-PALLETIZED AIRCRAFT OFFLOADED A+B+C(E)+D(F)
						PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II
						H ALLOWANCE FACTOR(AF)
						PART V-STANDARD TIME
						J PER NON-PALLETIZED AIRCRAFT OFFLOADED G(H)
						PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TO-3	JRCAOX3	VARIABLE	AIRCRAFT(RAMP/ELEVATOR TYPE),OFFLOAD-PER AIR-CRAFT

PART I-ELEMENTS

A ASSEMBLE CREW AND EQUIPMENT,TRAVEL TO UNLOAD SPOT AND RETURN,PREPARE AIRCRAFT FOR OFFLOADING-CLEAN LOADING SPOT
922 KJPCAX1
929 SJPSC02

B OFFLOAD U/W CARGO,MOVE FROM LOADING SPOT-PER PIECE
1-RAMP TYPE AIRCRAFT-921 KMHCU02,922 KRCCMX1
2-ELEVATOR TYPE AIRCRAFT-921 KMHCU01, 922 KRCCMX1

C OFFLOAD LOOSE CARGO FROM RAMP/ELEVATOR TYPE AIRCRAFT-PICK UP AND MOVE PALLET LOADS TO STORAGE OR BREAKDOWN DOCK-BREAKDOWN PALLET LOADS
922 KRCAOX1,929 KJPCPX1,922 KRC PBX2

D-CREW TRAVEL TO AIRCRAFT"HOT SPOT"OFF-LOADING AREA
922 KJPCTX1

E-UNLOAD TRUCK/TRAILER AT AIR TERMINAL
922 KEHCLX1

PART II-FREQUENCIES/OCCURRENCES

F U/W CODED PIECES PER AIRCRAFT(RAMP/ ELEVATOR TYPE)

G RAMP/ELEVATOR AIRCRAFT OFFLOADED AT "HOT SPOT"PER TOTAL RAMP ELEVATOR AIRCRAFT OFFLOADED

H-TRUCK/TRAILERS OFFLOADED PER TOTAL OFF-LOADED RAMP/ELEVATOR AIRCRAFT

J NUMBER OF U/W CODED PIECES OFFLOADED VIA RAMP

K NUMBER OF U/W CODED PIECES OFFLOADED VIA ELEVATOR

PART III-NORMAL TIME

L PER RAMP/ELEVATOR AIRCRAFT OFFLOADED A+B1(J)+B2(K)+C+D+E(H)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

M ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

N PER RAMP/ELEVATOR AIRCRAFT OFFLOADED L(M)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TR=5/1	JRCCUX1	VARIABLE	CAR(RAIL,BOX),UNLOAD WITH FORKLIFT TRUCK

PART I=ELEMENTS

A PREPARE TO UNLOAD RAIL BOXCAR WITH FORKLIFT TRUCK=PER CAR
929 KJPCPX2

B MOVE PALLET LOAD TO STORAGE=UNIT LOADS
922 KRCCUX8=PER PALLET

C GET EMPTY PALLET,PLACE IN CAR,MOVE LOADED PALLET TO STORAGE=PER PALLET
929 MOHPM02
922 KRCCUX8

D PALLETIZE LOOSE PIECES=PER PIECE
929 TOHPHXX

PART II=FREQUENCIES/OCCURENCES

E PIECES PER PALLET(PALLETIZED IN CAR)

F TOTAL UNITS PER CAR(UNIT LOADS AND LOOSE PIECES)

G RATIO OF UNIT LOADS TO TOTAL PIECES

H RATIO OF LOOSE PIECES TO TOTAL PIECES

PART III=NORMAL TIME

J NORMAL TIME PER CAR PREPARED TO UNLOAD
A

K NORMAL TIME PER UNIT UNLOADED
(B)(G)+((C/E)+D)(H)

L NORMAL TIME PER CAR PREPARED AND UNLOADED
J+K(F)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

M ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

N STANDARD TIME PER CAR PREPARED TO UNLOAD
J(M)

P STANDARD TIME PER UNIT/PIECE UNLOADED
K(M)

Q STANDARD TIME PER CAR PREPARED AND UNLOADED
N+P(F)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTOP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	-MUL	TR=2	JRCCUX2	VARIABLE	CAR(RAIL,REFRIGERATED,40 FOOT=SOLID),UNLOAD

PART I=ELEMENTS

A PREPARE CAR FOR UNLOADING
929 KJPCPXF

B PLACE EMPTY PALLET ON PALLET DOLLY
929 MOHPMXX

C PALLETIZE MATERIAL=PER PIECE
929 TOHPHXX

D MOVE PALLET DOLLY WITHIN CAR=PICK UP, MOVE LOADED PALLET TO STORAGE,STACK=PROCESS DOCUMENTS PER PALLET
929 MMHDM01=922 SEHPT02=922 TEHFTXX=922 TEHPSXX=222 SWRDP01

E DOCUMENT PROCESSING PER BILL OF LADING
222 SWRDP03

PART II=FREQUENCIES/OCCURENCES

F PIECES/UNITS PER CAR

G EMPTY PALLETS MOVED INTO CAR

H LOADED PALLETS MOVED OUT OF CAR

PART III=NORMAL TIME

J PER CAR PREPARED TO UNLOAD
A+E

K PER CAR UNLOADED
B(G)+C(F)+D(H)

L PER PIECE UNLOADED FROM CAR
K/F

M PER CAR PREPARED AND UNLOADED
J+L(F)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

N ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

P PER CAR PREPARED FOR UNLOADING
J(N)

Q PER CAR UNLOADED
K(N)

R PER PIECE UNLOADED FROM CAR
K/F(N)

S PER CAR PREPARED AND UNLOADED
P+R(F)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TR=21	JRCCUX3	VARIABLE	CAR(GONDOLA),UNLOAD BY HEAVY DUTY FORKLIFT WITH SPECIAL LIFTING DEVICE

PART I=ELEMENTS

A PREPARE GONDOLA CAR FOR UNLOADING
929 KJPCUXH

B UNLOAD AND MOVE CONEX TO STORAGE
922 KRCCUX2

PART II=FREQUENCIES/OCCURENCES

C CONEXES PER CAR

PART III=NORMAL TIME

D TIME TO PREPARE CAR FOR UNLOADING
A

E TIME TO UNLOAD AND STOW A CONEX
B

F TIME TO PREPARE AND UNLOAD GONDOLA CAR
A+B(C)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=
DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR (AF)

PART V=STANDARD TIME

H TIME TO PREPARE CAR TO UNLOAD
D(G)

J TIME PER CONEX UNLOADED AND STOWED
E(G)

K TIME PER CAR PREPARED AND UNLOADED
H+J(C)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TR=20	JRCCUX4	VARIABLE	CAR(RAIL,FLAT),UNLOAD,TOW WHEELED VEHICLE OFF OF CAR

PART I=ELEMENTS

A PREPARE TO UNLOAD VEHICLE=TOW OFF
929 KJPCPXU

B TRAVEL TO HOLD AREA TO MOVE VEHICLES AND RETURN
922 MEHFP08
922 MEHVTXX
U B8MWU01=U B8MHC01

C UNLOAD AND MOVE VEHICLE(WHEELED) TO STORAGE
922 KRCCUXE

PART II=FREQUENCIES/OCCURENCES

D VEHICLES UNLOADED PER FLATCAR

PART III=NORMAL TIME

E PER FLATCAR PREPARED TO UNLOAD
A+B

F PER VEHICLE UNLOADED
C

G PER FLATCAR PREPARED AND UNLOADED
E+F(D)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

H ALLOWANCE FACTOR (AF)

PART V=STANDARD TIME

J PER FLATCAR PREPARED FOR UNLOADING
E(H)

K PER VEHICLE TOWED OFF AND STOWED
C(H)

L PER FLATCAR PREPARED AND UNLOADED
J+K(D)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TR-19	JRCCUX5	VARIABLE	CAR(RAIL,FLAT),UNLOAD WITH FORKLIFT-UNIT LOADS

PART I-ELEMENTS

A PREPARE FLATCAR TO UNLOAD WITH FORKLIFT
929 KJPCPXV

B MOVE PALLET LOAD FROM CAR TO STORAGE
922 KRCCUX8

PART II-FREQUENCIES/OCCURENCES

C LOADS UNLOADED PER CAR

PART III-NORMAL TIME

D PER CAR PREPARED FOR UNLOADING
A

E PER UNIT LOAD UNLOADED
B

F PER CAR PREPARED AND UNLOADED
A+B(C)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-
DETERMINE FROM DOD 5010.15.1-M,BASIC
VOLUME,APPENDIX II

G ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

H PER CAR PREPARED FOR UNLOADING
D(G)

J PER UNIT LOAD UNLOADED
E(G)

K PER CAR PREPARED AND UNLOADED
H+J(C)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR
LOCAL ELEMENTS AS NEEDED TO ADJUST FOR
LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TR-31	JRCCUX6	VARIABLE	CAR(SPECIAL,BI-LEVEL,TRI-LEVEL,TTX),UNLOAD

PART I-ELEMENTS

A PREPARE CAR FOR UNLOADING
929 KJPCPX4

B TRAVEL TO HOLD AREA TO MOVE VEHICLE
922 MEHFP08-922 MEHVTXX-U BBMWU01-U BBMHC01

C UNLOAD AND MOVE VEHICLE TO STORAGE
922 KRCCUXC

PART II-FREQUENCIES/OCCURENCES

D VEHICLES PER CAR

PART III-NORMAL TIME

E PER SPECIAL CAR PREPARED FOR UNLOADING
A+B

F PER VEHICLE UNLOADED
C

G PER CAR PREPARED AND UNLOADED
E+F(D)

PART IV PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

H ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

J PER CAR PREPARED FOR UNLOADING
E(H)

K PER VEHICLE UNLOADED
F(H)

L PER CAR PREPARED AND UNLOADED
J+K(D)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TR-18	JRCTUX1	VARIABLE	TRUCK(FLATBED),UNLOAD WHEELED VEHICLE-TOW OFF

PART I-ELEMENTS

A PREPARE FLATBED TRUCK FOR UNLOADING
929 KJPCPX9

B UNLOAD,MOVE VEHICLE TO STORAGE
922 KRCCUXE

PART II-FREQUENCIES/OCCURENCES

C VEHICLES PER FLATBED TRUCK

PART III-NORMAL TIME

D PER TRUCK PREPARED FOR UNLOADING
A

E PER WHEELED VEHICLE TOWED OFF
B

F PER TRUCK PREPARED AND UNLOADED
A+B(C)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

H PER TRUCK PREPARED FOR UNLOADING
D(G)

J PER WHEELED VEHICLE TOWED OFF
E(G)

K PER TRUCK PREPARED AND UNLOADED
H+J(C)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TR=7	JRCTUX4	VARIABLE	TRUCK(VAN/TRAILER),UNLOAD WITH FORKLIFT TRUCK

PART I=ELEMENTS

A PREPARE VAN TRUCK/TRAILER FOR UNLOADING
929 KJPCPXM

B MOVE PALLET LOAD FROM TRUCK TO STORAGE
922 KRCCUXB

C GET EMPTY PALLET,MOVE LOADED PALLET TO STORAGE
922 KRCCUXB
929 MOHPMXX

D PALLETIZE MATERIAL=PER PIECE
929 TOHPHXX

PART II=FREQUENCIES/OCCURENCES

E PIECES PER PALLET(PALLETIZED)

F TOTAL PIECES/UNITS PER TRUCK

G RATIO OF UNIT LOADS TO TOTAL UNITS

H RATIO OF LOOSE PIECES TO TOTAL UNITS

PART III=NORMAL TIME

J PER TRUCK PREPARED TO UNLOAD
A

K PER PIECE/UNIT UNLOADED
1 B(G)+(C/E)(H) = TAIL GATE DELIVERY
2 B(G)+((C/E)+D)(H) = DROPPED TRAILER

L PER TRUCK PREPARED AND UNLOADED
1 J1+K1(F) = TAIL GATE DELIVERY
2 J2+K2(F) = DROPPED TRAILER DELIVERY

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

M ALLOWANCE FACTOR (AF)

PART V=STANDARD TIME

N PER VAN TRUCK/TRAILER PREPARED TO UNLOAD
J(M)

P PER PIECE/UNIT UNLOADED
1 K1(M) = TAIL GATE DELIVERY
2 K2(M) = DROPPED TRAILER DELIVERY

Q PER TRUCK PREPARED AND UNLOADED
1 N+P1(F) = TAIL GATE DELIVERY
2 N+P2(F) = DROPPED TRAILER DELIVERY

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TR=8	JRCTUX5	VARIABLE	TRUCK(FLATBED=SOLID),UNLOAD=TWO FORKLIFTS

PART I=ELEMENTS

A PREPARED FLATBED TRUCK FOR UNLOADING
929 KJPCPXA

B DOCUMENT PROCESSING PER BILL OF LADING
222 SWROP03

C MOVE PALLET LOAD FROM TRUCK TO STORAGE
922 KRCCUX9

D OBTAIN EMPTY PALLET,PLACE IN TRUCK
922 MJPPOXX

E PALLETIZE MATERIAL IN TRUCK
929 TOHPHXX

PART II=FREQUENCIES/OCCURENCES

F PIECES PER PALLET(PALLETIZED ON TRUCK)

G TOTAL PIECES/UNITS PER TRUCK

H RATIO OF UNIT LOADS TO TOTAL UNITS

J RATIO OF LOOSE PIECES TO TOTAL UNITS

PART III=NORMAL TIME

K PER TRUCK PREPARED FOR UNLOADING
A+B

L PER PIECE UNLOADED
1 C(H)+((C+D)/F)(J)=TAIL GATE
2 C(H)+(((C+D)/F)+E)(J)=DROPPED TRAILER

M PER TRUCK PREPARED AND UNLOADED
1 K+L1(G)= TAILGATE DELIVERY
2 K+L2(G)= DROPPED TRAILER DELIVERY

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

N ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

P PER TRUCK PREPARED FOR LOADING
K(N)

Q PER PIECE UNLOADED
1 L1(N) = TAIL GATE DELIVERY
2 L2(N) = DROPPED TRAILER DELIVERY

R PER TRUCK PREPARED AND UNLOADED
1 P+Q1(G) = TAIL GATE DELIVERY
2 P+Q2(G) = DROPPED TRAILER DELIVERY

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTOP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TR=10	JRCTUX6	VARIABLE	TRUCK(FLATBED=MIXED),UNLOAD=TWO FORKLIFTS

PART I=ELEMENTS

A PREPARE FLATBED TRUCK TO UNLOAD
929 KJPCPXA

B MOVE PALLET LOAD FROM TRUCK TO STORAGE
922 KRCCUX9

C PROCESS DOCUMENTS PER BILL OF LADING
222 SWRDP03

D OBTAIN EMPTY PALLET,PLACE ON TRUCK
922 MJPPOXX

E PALLETIZE MATERIAL ON TRUCK
929 TOHPHXX

PART II=FREQUENCIES/OCCURENCES

F PIECES PER PALLET(PALLETIZED ON TRUCK)

G UNITS/PIECES PER TRUCK

H RATIO OF UNIT LOADS TO TOTAL UNITS

J RATIO OF LOOSE PIECES TO TOTAL UNITS

K UNITS/PIECES UNLOADED PER DOCUMENT

PART III=NORMAL TIME

L PER TRUCK PREPARED TO UNLOAD
A

M PER PIECE UNLOADED
1 (B+C(K))(H)+((C(K)+B+D)/F)(J)=TAIL GATE DELIVERY
2 (B+C(K))(H)+(E+(C(K)+B+D)/F)(J)=DROPPED TRAILER DELIVERY

N PER TRUCK PREPARED AND UNLOADED
1 A+(M1)G = TAIL GATE DELIVERY
2 A+(M2)G = DROPPED TRAILER DELIVERY

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

P ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

Q PER TRUCK PREPARED FOR UNLOADING
L(P)

R PER PIECE UNLOADED
1 M1(P) = TAIL GATE DELIVERY
2 M2(P) = DROPPED TRAILER DELIVERY

S PER TRUCK PREPARED AND UNLOADED
1 Q+R1(G) = TAIL GATE DELIVERY
2 Q+R2(G) = DROPPED TRAILER DELIVERY

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	ECCI	MRDLCXX	VARIABLE	LINE ITEMS,COUNT NUMBER ON A SHEET STARTS-WITH REACH TO SHEET INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND ASIDE A SHEET AND COUNT THE NUMBER OF LINE ITEMS ON THE SHEET ENDS-WITH ASIDE DOCUMENT(SHEET) 75 CASE 01 GET AND ASIDE SHEET-REACH 18 INCHES 17 02 TIME PER LINE ITEM ON SHEET
DL	922	FUL	SL-5A	KSHALX1	CON/VAR	AIRCRAFT(PALLETIZED),LOAD 463L PALLETS WITH 10K LOADER STARTS-WITH MOVE 10K LOADER INTO POSITION AT AIRCRAFT DOOR INCLUDES-ALL THE TIME AND MOTIONS NECESSARY TO MOVE TO AND POSITION 10K LOADER AT AIRCRAFT DOOR,CHOCK WHEELS TO GUIDE FORKLIFT TRUCK TRAVEL TO POSITION(10K LOADER),LOAD 463L PALLETS FROM 10K LOADER INTO AIRCRAFT,SECURE PALLETS IN AIRCRAFT,MOVE EMPTY TRAILER ASIDE ENDS-WITH MOVE EMPTY TRAILER ASIDE AND STACK CONDITIONS-MOVE TRAILER 80 FEET TO AND FROM AIRCRAFT IS INCLUDED-TIME BASED ON SIX MAN LOADING CREW 8189 CASE 1-1 CONSTANT TIME-MOVE AND POSITION FIRST PALLET AT AIRCRAFT DOOR,CHOCK WHEELS (922 MEHKP01,U MOHP001) A-1 VARIABLE TIME-LOAD AND SECURE EACH ADDITIONAL 463L PALLET IN AIRCRAFT (921 SEHPL01-22782 TMUS PER PALLET TIMES NUMBER OF 463L PALLETS LOADED WITH 10K LOADER PER AIRCRAFT)
DL	922	FUL	SL-5B	KSHALX2	CON/VAR	AIRCRAFT(PALLETIZED),LOAD 463L PALLETS WITH 25/40K LOADER STARTS-WITH MOVE 25/40K LOADER TO AIRCRAFT INCLUDES-ALL THE TIME AND MOTIONS NECESSARY TO MOVE A 25/40K LOADER WITH LOADED PALLETS TO AIRCRAFT AND POSITION AT DOOR,REMOVE TIEDOWNS AND MOVE PALLETS INTO AIRCRAFT,SECURE PALLETS IN AIRCRAFT,MOVE LOADER AWAY FROM AIRCRAFT AFTER EACH LOAD ENDS-WITH LOAD MOVED AWAY FROM AIRCRAFT CONDITIONS-INCLUDES MOVING LOADER 80 FEET TO AND FROM AIRCRAFT(PER LOAD) CASE A-2 VARIABLE TIME-POSITION 25/40K LOADER AT AIRCRAFT DOOR (922 MEHKP02-14388 TMUS TIMES THE NUMBER OF PALLETS LOADED WITH 25/40K LOADER PER AIRCRAFT DIVIDED BY NUMBER PALLETS PER LOAD B-2 VARIABLE TIME-REMOVE SUPPLEMENTARY LASHINGS FROM 25/40K LOADER(USE LOCAL TIME AND MULTIPLY BY OCCURRENCE COMPUTED FOR CASE A-2) C-2 VARIABLE TIME-MOVE 25/40K LOADER AWAY FROM AIRCRAFT AFTER UNLOADING(922 TEH FTXX-517 TMUS(80 FEET)-MULTIPLY BY OCCURRENCE OBTAINED CASE A-2) D-2 VARIABLE TIME-LOAD 463L PALLETS ONTO AIRCRAFT AND SECURE(921 SMHCL01-14238 TMUS-TIMES NUMBER OF PALLETS LOADED ONTO AIRCRAFT WITH 25/40K LOADER)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
OL	922	MAL	SL=18	KSHALX3	CON/VAR	AIRCRAFT,LOAD BELLY=LOADED CARGO
						STARTS=WITH FORKLIFT TRUCK TRAVEL TO EMPTY PALLET STACK
						INCLUDES=ALL THE MOTIONS NECESSARY TO TRAVEL AND GET STACK OF EMPTY PALLETS WITH FLT,MOVE CARGO FROM CONVEYOR OR OTHER PALLET TO WAREHOUSE PALLET,PICK UP PALLET,UNIT LOAD,OR BULK PIECE AT BUILD UP AREA AND MOVE TO TRANSFER DOCK,SET DOWN ON DOCK,PICK UP PALLET ON DOCK AND MOVE TO TRAILER,SET ON TRAILER AND RETURN, UNIT LOAD OR BULK PIECE AND POSITION TO AIRCRAFT,BOARD AND DISMOUNT AIRCRAFT,LOAD LOOSE DOCUMENT PROCESSING PER PIECE,PICK UP PALLET, CARGO ONTO AIRCRAFT,REMOVE EMPTY PALLET FROM AIRCRAFT
						ENDS=WITH EMPTY PALLET ON TRAILER
					1192	CASE 1=3 CONSTANT TIME=CREW(2 MEN)BOARD AND DISMOUNT AIRCRAFT(U MBMABXX)
						A=3 VARIABLE TIME=GET WAREHOUSE PALLET (922 MJPPIXX)=
						B=3 VARIABLE TIME=LOWER PALLET FROM A/C (922 TEHFOXX),MOVE PALLET ASIDE(922 TEHFTXX),SET PALLET ON TRAILER(922 TEHPSXX),PER PALLET=TIMES NUMBER OF PALLETS PER ONLOADED A/C
						C=3 VARIABLE TIME=PLACE LOOSE PIECES ON WAREHOUSE PALLET(COMPUTE FOR WEIGHT AND DENSITY FROM ELEMENT 922 TOHPHXX AND MULTIPLY BY NUMBER OF LOOSE PIECES PER ONLOADED A/C)
						D=3 VARIABLE TIME=PICK UP LOADED PALLET, BULK PIECE OR UNIT LOAD(922 TEHPPAE=589 TMUS),MOVE TO TRANSFER DOCK(922 TEHFTXX),MOVE FROM TRANSFER DOCK TO TRAILER(922 TEHFTXX),SET PALLET LOAD, BULK PIECE OR UNIT LOAD ON TRAILER (922 TEHPSAE),PICK UP WITH 10K LOADER (922 TEHPPAB),MOVE TO A/C(922 TEHFT XX),LIFT TRAILER TO CARGO DOOR(922 MEHFOXX)=DETERMINE TIME AND MULTIPLY BY THE TOTAL NUMBER OF BULK PIECES, UNIT LOADS OR WAREHOUSE PALLETS PER ONLOADED A/C
						E=3 VARIABLE TIME=CHECK MATERIAL AGAINST MANIFEST,ANNOTATE MANIFEST(INITIAL) (922 SIDMC01 585 TMUS),LOAD LOOSE CARGO CONTAINERS TO A/C(COMPUTE FOR WEIGHT AND DENSITY FROM 929 TOHPHXX)= MULTIPLY TOTAL TIME BY NUMBER OF LOOSE PIECES PER ONLOADED A/C

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	SL-12	KSHCAX1	CON/VAR	CARGO(AIR-U/W CODED),ASSEMBLE FOR MOVEMENT TO RAMP/ELEVATOR AIRCRAFT STARTS-WITH WALK TO HOLD AREA INCLUDES-ALL THE MOTIONS NECESSARY TO WALK TO HOLD AREA,WALK THROUGH AREA TO LOCATE CARGO, CHECK ITEMS AGAINST MANIFEST,WALK TO 10K LOADER,MOUNT LOADER,TRAVEL TO AND FROM HOLD AREA,PICK UP CARGO IN HOLD AREA AND SET DOWN OUT OF HOLD AREA ENDS-WITH DISMOUNT K LOADER CONDITIONS-DOES NOT INCLUDE MOVING ITEMS(S) TO AIRCRAFT
					939	CASE 1-1 CONSTANT TIME-MOUNT AND DISMOUNT 10K LOADER(FLT)(922 MEH FM 03) A-1 VARIABLE TIME-WALK FROM PALLET BUILD-UP AREA TO HOLD AREA-WALK THRU HOLD AREA-WALK TO K LOADER(U 88MW001,U 88M WU01,U 88MHC01) B-1 VARIABLE TIME-10K LOADER TRAVEL TO AND FROM HOLD AREA-ONE TIME PER A/C LOADER(COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENT 922 TEHFTXX) C-1 VARIABLE TIME-FLT MOVE IN AND OUT OF HOLD AREA (50 FEET EACH WAY)-830 TMUS (922 TEHFTAE)TIME NUMBER OF TRIPS D-1 VARIABLE TIME-PICK UP AND SET DOWN CARGO WITH FLT (ELEMENTS TEHPPXX PLUS TEHPSXX TIMES THE NUMBER OF U/W CODED PIECES MOVED) E-1 VARIABLE TIME-CHECK ITEMS (U/W CODED) AGAINST MENIFEST(929 MSHMC01 TIMES NUMBER OF PIECES PER AIRCRAFT LOADED)
DL	922	FAL	SS-14	KSHCLXA	CON/VAR	CARRIER(FLATBED TRUCK),LOAD THROUGH CENTRAL SHIPPING-PALLETS STARTS-WITH PICK UP PALLET LOAD FROM TRAILER TRAIN OR PACKING AREA WITH FORKLIFT TRUCK INCLUDES-ALL THE TIME NECESSARY TO MOVE A PALLET OF MATERIAL THROUGH CENTRAL SHIPPING AND LOAD ON A FLATBED TRUCK ENDS-WITH PALLET ON TRUCK,DOCUMENTS PER PALLET PROCESSED CONDITIONS-BILL OF LADING PROCESS TIME (222 SWRDP02)PER PALLET IS DETERMINED BY DIVIDING THE NUMBER OF BILLS BY THE NUMBER OF PALLETS SHIPPED AND MULTIPLYING BY TIME CASE A-A
					4984	CASE 1-A CONSTANT TIME-PICK UP PALLET FROM TRAILER OR PACKING HOLD AREA,DROP PALLET IN SHIPPING HOLD AREA,PICK UP PALLET IN SHIPPING HOLD AREA,DROP PALLET ON DOCK,MOVE PALLET ONTO TRUCK AND RETURN,DROP PALLET IN TRUCK, DOCUMENT PROCESSING PER PALLET LOAD (922 TEHPPXX,922 TEHPSXX,922 TEHFTB8, 222 SWRDP01,922 TEHFTBA)
					917	A-A VARIABLE TIME-PROCESS BILL OF LADING PER PALLET SHIPPED-MULTIPLY BY RATIO OF BILLS PER PALLET(ELEMENT 222 SWR DP02) B-A VARIABLE TIME-FORKLIFT TRAVEL FROM INITIAL PICK UP TO SHIPPING HOLD AREA AND FROM SHIPPING HOLD AREA TO DOCK AND RETURN FOR EACH TRAVEL-COMPUTE TRAVEL TIME FOR LOCAL DISTANCES FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MUL	SS=36	KSHCLXC	CON/VAR	CARRIER(RAIL FLATCAR),LOAD AND BLOCK AND BRACE WHEELED VEHICLE ON CARRIER STARTS=WITH TOW VEHICLE TRAVEL TO STORAGE LOCATION INCLUDES=ALL THE TIME NECESSARY TO TOW A WHEELED VEHICLE FROM THE STORAGE LOCATION ONTO A RAILROAD FLATCAR,BLOCK,BRACE VEHICLE ON CAR AND PROCESS DOCUMENTS PER VEHICLE LOADED ENDS=WITH WHEELED VEHICLE BLOCKED AND BRACED ON CAR AND DOCUMENTATION COMPLETED
					38651	CASE 1=C CONSTANT TIME=MOUNT AND DISMOUNT TOW VEHICLE(TWO TIMES),HOOK AND UNHOOK TOW AND TOWED VEHICLE,TRAVEL(WALK) INCIDENT TO HOOK AND UNHOOK VEHICLES MOVE TOW VEHICLE TO PUSH POSITION (THREE MEN),PUSH WHEELED VEHICLE ONTO CAR AND RETURN(THREE MEN),PROCESS DOCUMENTS PER VEHICLE LOADED,BLOCK, BRACE AND TIE DOWN VEHICLE ON FLATCAR (922 MEHFP08,922 MEHTH01,U 88MW001, 922 MEHVTXX,222 SWRDP01,929 SNFVS02)
						A=C VARIABLE TIME=TOW VEHICLE TRAVEL TO STORAGE AND RETURN WITH VEHICLE TO LOAD=COMPUTE TRAVEL TIME FOR LOCAL DISTANCES FROM ELEMENT 922 MEHVTXX
DL	922	MUL	SS=35	KSHCLX1	CON/VAR	CARRIER(FLATBED TRUCK),LOAD,BLOCK AND BRACE A WHEELED VEHICLE STARTS=WITH TOW VEHICLE TRAVEL TO STORAGE LOCATION INCLUDES=ALL THE TIME NECESSARY TO TRAVEL TO THE STORAGE LOCATION AND TOW A WHEELED VEHICLE TO AND LOAD ON A FLATBED TRUCK,BLOCK,BRACE AND TIEDOWN THE VEHICLE TO THE TRUCK AND PROCESS DOCUMENTS PER VEHICLE LOADED ENDS=WITH WHEELED VEHICLE SECURED TO TRUCK AND DOCUMENTATION COMPLETE
					23708	CASE 1=1 CONSTANT TIME=HOOK AND UNHOOK TOWED VEHICLE,TRAVEL(WALK)INCIDENT HOOK AND UNHOOK VEHICLES,MOUNT AND DISMOUNT TOWED VEHICLE(TWO TIMES), PUSH VEHICLE ONTO FLATBED TRUCK(TWO MEN),PROCESS DOCUMENTS PER VEHICLE LOADED,BLOCK,BRACE AND TIE DOWN WHEELED VEHICLE ON FLATBED TRUCK(922 MEHTH01,U 88MWU01,U MEVTM01,922 MEHVT XX,222 SWRDP01,929 SNFVS01,U 88MHC01)
						A=1 VARIABLE TIME=TOW VEHICLE TRAVEL TO STORAGE LOCATION AND RETURN TOWING WHEELED VEHICLE=COMPUTE TRAVEL TIME FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENT 922 MEHVTXX
DL	922	FAL	SS=38	KSHCLX2	CON/VAR	CARRIER(GONDOLA CAR),LOAD CONEX STARTS=WITH FORKLIFT TRAVEL FROM STORAGE TO CAR INCLUDES=ALL THE TIME NECESSARY TO TRAVEL FROM A STORAGE OR HOLD AREA TO GONDOLA CAR AND RETURN,PICK UP CONEX,STACK CONEX IN GONDOLA CAR, PROCESS DOCUMENTS PER CONEX LOADED ENDS=WITH CONEX STACKED ON CAR AND DOCUMENT PROCESSING COMPLETE
					2465	CASE 1=2 CONSTANT TIME=PICK UP CONEX,SET DOWN CONEX,PROCESS DOCUMENTS PER CONEX(922 TEHPPAG,922 TEHPSAF,222 SWRDP01)
						A=2 VARIABLE TIME=FORKLIFT TRUCK TRAVEL FROM CAR TO HOLD AREA AND RETURN=COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	SS-27	KSHCLX3	CON/VAR	CARRIER(FLATBED),LOAD FROM HOLD AREA-PALLET STARTS-WITH PICK UP PALLET LOAD IN HOLD AREA INCLUDES-ALL THE TIME NECESSARY TO PICK UP A LOADED PALLET WITH A FORKLIFT TRUCK,MOVE PALLET TO DOCK,DROP PALLET ON DOCK,PICK UP PALLET LOAD FROM AND DROP ON TRUCK,PROCESS DOCUMENTS PER PALLET LOAD ENDS-WITH PALLET LOAD ON TRUCK,DOCUMENTATION COMPLETE
					2989	CASE 1-3 CONSTANT TIME-PICK UP LOADED PALLET IN HOLD AREA AND ON DOCK,DROP PALLET LOAD ON DOCK AND ON TRUCK,COMPLETE DOCUMENTATION PER PALLET LOAD(922 TEHPPAE,922 TEHPSAE,222 SWRDP01)
						A-3 VARIABLE TIME-FORKLIFT TRAVEL TO MOVE PALLET FROM HOLD AREA TO DOCK AND RETURN-FORKLIFT TRAVEL FROM DOCK ONTO TRUCK AND RETURN-COMPUTE TRAVEL TIME FOR LOCAL DISTANCES FROM ELEMENT 922 TEHFTXX
DL	922	FAL	SS-25	KSHCLX4	CON/VAR	CARRIER(TRUCK),LOAD PALLET FROM STORAGE STARTS-WITH PICK UP PALLET LOAD FROM STORAGE INCLUDES-ALL THE TIME NECESSARY TO PICK UP A PALLET LOAD OF MATERIAL FROM STORAGE,MOVE LOAD TO TRUCK,STACK IN TRUCK,RETURN TO STORAGE, PROCESS DOCUMENTS PER PALLET ENDS-WITH FORKLIFT RETURN TO STORAGE-AND DOCUMENTATION PER PALLET COMPLETE
					1960	CASE 1-4 CONSTANT TIME-PICK UP PALLET LOAD, TRAVEL INTO TRUCK AND DROP PALLET, TRAVEL OUT OF TRUCK,COMPLETE DOCUMENTATION(922 TEHPPAG,922 TEHF8BH 922 TEHF8A8,222 SWRDP01)
						A-4 VARIABLE TIME-FORKLIFT TRUCK TRAVEL FROM STORAGE TO TRUCK AND RETURN-COMPUTE TRAVEL TIME FOR LOCAL DISTANCES FROM ELEMENT 922 TEHFTXX
DL	922	FAL	SS-29	KSHCLX5	CON/VAR	CARRIER(VAN TRUCK),LOAD PALLET THROUGH CENTRAL SHIPPING STARTS-WITH PICK UP LOADED PALLET WITH FORK-LIFT INCLUDES-ALL THE TIME NECESSARY TO PICK UP A PALLET LOAD FROM A TRAILER TRAIN OR HOLD AREA, MOVE PALLET TO SHIPPING HOLD AREA,PICK UP PALLET IN SHIPPING HOLD AREA AND MOVE IT ONTO TRUCK,DROP PALLET IN TRUCK AND RETURN,COMPLETE DOCUMENTATION PER PALLET AND PER BILL OF LADING ENDS-WITH FORKLIFT RETURNED TO PALLET PICK UP POINT AND DOCUMENTATION COMPLETE
					3406	CASE 1-5 CONSTANT TIME-PICK UP PALLET LOAD FROM TRAILER TRAIN OR HOLD AREA,AND SHIPPING HOLD AREA,TRAVEL INTO TRUCK, DROP PALLET AND TRAVEL OUT OF TRUCK, COMPLETE DOCUMENTATION PER PALLET (922 TEHPPAD,922 THEPSAH,922 TEHPPAE, 922 TEHF8BH,922 TEHF8AF,222 SWRDP01)
						A-5 VARIABLE TIME-FORKLIFT TRUCK TRAVEL FROM INITIAL PICK UP TO SHIPPING HOLD AREA AND FROM SHIPPING HOLD AREA TO TRUCK-COMPUTE TRAVEL TIME FOR LOCAL DISTANCES FROM ELEMENT 922 TEHFTXX
						8-5 VARIABLE TIME-DOCUMENT PROCESSING PER BILL OF LADING-DETERMINE BILL OF LADING PROCESSING TIME PER PALLET BY MULTIPLYING CASE 8-5 TIME BY RATIO OF PALLETS PER BILL OF LADING(222 SWRDP 02)-917 TMUS PER OCCURENCE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	SS-23	KSHCLX6	CON/VAR	CARRIER(RAILCAR),LOAD PALLET FROM PACKING STARTS-WITH PICK UP PALLET LOAD IN PACKING AREA INCLUDES-ALL THE TIME NECESSARY TO MOVE PALLET LOAD FROM PACKING TO HOLD AREA BY FORKLIFT AND MOVE PALLET LOAD FROM HOLD AREA INTO RAILCAR, PROCESS DOCUMENTS PER PALLET LOAD ENDS-WITH FORKLIFT RETURN TO PICK UP AREA AND DOCUMENTATION PER PALLET LOAD COMPLETE
					3416	CASE 1-6 CONSTANT TIME-PICK UP PALLET LOAD IN PACKING AREA,DROP PALLET LOAD IN HOLD AREA,PICK UP PALLET LOAD IN SHIPPING HOLD AREA,MOVE PALLET LOAD INTO CAR, DROP LOAD,RETURN;PROCESS DOCUMENTS PER PALLET LOADED IN CAR(922 TEHPPAE, 922 TEHPSAE,922 TEHPPAH,922 SEHPL02 222 SWRDP01) A-6 VARIABLE TIME-FORKLIFT TRAVEL FROM PACKING AREA TO SHIPPING HOLD AREA AND FROM SHIPPING HOLD AREA TO CARRIER-COMPUTE TRAVEL TIME FOR LOCAL DISTANCES FROM ELEMENT 922 TEHFTXX
DL	922	FAL	SS-20	KSHCLX7	CON/VAR	CARRIER(RAILCAR),LOAD FROM STORAGE-PALLETS STARTS-WITH PICK UP PALLET LOAD OF MATERIAL IN STORAGE LOCATION WITH FORKLIFT TRUCK INCLUDES-ALL THE TIME NECESSARY TO PICK UP PALLETIZED MATERIAL IN STORAGE AND MOVE TO AND DROP IN RAILCAR,PROCESS DOCUMENTS PER PALLET ENDS-WITH PALLET IN CAR AND DOCUMENTATION PER PALLET COMPLETE
					2196	CASE 1-7 CONSTANT TIME-PICK UP PALLET IN STORAGE LOCATION,MOVE PALLET INTO CAR AND DROP PALLET,TRAVEL OUT OF CAR, PROCESS DOCUMENTS PER PALLET (922 TEHPPAH,922 SEHPL02,222 SWRDP01) A-7 VARIABLE TIME-FORKLIFT TRAVEL FROM STORAGE TO CAR AND RETURN-COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
DL	922	MAL	SS-32	KSHCLX8	CON/VAR	CONTAINER(PARCEL POST),LOAD FOR SHIPMENT STARTS-WITH MOUNT FORKLIFT TRUCK INCLUDES-ALL THE TIME NECESSARY TO PICK UP PALLETIZED MATERIAL IN PACKING AREA,MOVE TO SHIPPING OR CONSOLIDATION AREA AND INTO TRUCK FOR SHIPMENT ENDS-WITH PALLETIZED MATERIAL ON TRUCK,RETURN AND DISMOUNT FORKLIFT TRUCK
					862	CASE A-8 VARIABLE TIME-MOUNT AND DISMOUNT FORKLIFT TRUCK-TO DETERMINE TIME PER PIECE,MULTIPLY TIME CASE A-8 BY RATIO OF MOUNT AND DISMOUNT FORKLIFT TO PIECES MOVED PER MOUNT AND DISMOUNT (922 MEHFP08)
					1515	8-8 VARIABLE TIME-PICK UP PALLET IN PACKING,DROP PALLET IN TRUCK(922 TEHPPAG, 922 TEHPSAD)-TO DETERMINE TIME PER PIECE,MULTIPLY TIME CASE 8-8 BY RATIO OF PALLETS OER PIECE C-8 VARIABLE TIME-FROKLIFT TRAVEL FROM PACKING TO TRUCK AND RETURN-COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX-TO DETERMINE TRAVEL TIME PER PIECE,MULTIPLY COMPUTED TRAVEL TIME BY RATIO CASE 8-8

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
OL	922	FAL	SL-16	KSHCLX9	CON/VAR	CARGO(LOOSE),LOAD ON RAMP/ELEVATOR AIRCRAFT STARTS-WITH PICK UP WAREHOUSE PALLET OR BULK PIECE/UNIT LOAD WITH FLT INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP LOAD;TRAVEL TO AIRCRAFT,PLACE LOAD ON ELEVATOR AND LIFT INTO A/C,MOVE AND STOW CARGO IN A/C, LOWER ELEVATOR,FLT RETURN FROM A/C ENDS-WITH FLT RETURNED CASE A-5 VARIABLE TIME-PICK UP PALLET LOAD/ PIECE WITH FLT(922 TEHPPXX),TRAVEL WITH LOAD TO A/C(922 TEHFTXX),PLACE LOAD ON ELEVATOR(922 TEHPSXX)-COMPUTE TIME AND MULTIPLY BY NUMBER OF PALLET LOADS OR BULK PIECES/UNIT LOADS ON-LOADED B-6 VARIABLE TIME-RAISE AND LOWER ELE-VATOR(921 MMHEL01-4934 TMUS)-MULTIPLY BY THE TOTAL PALLET/BULK PIECES/UNIT LOADS PER A/C DIVIDED BY THE NUMBER PER ELEVATOR LOAD C-5 MOVE AND STOW CARGO IN AIRCRAFT(929 TOHPHXX,U 88MW001,U 88MHC01)-COMPUTE TIME FOR WEIGHT AND DENSITY OF PIECES AND MULTIPLY BY NUMBER OF PIECES HANDLED AND REHANDLED
OL	922	MAL	SL-14	KSHCMX1	CON/VAR	CARGO(U/N CODED),MOVE TO AIRCRAFT LOAD SPOT STARTS-WITH FORKLIFT TRUCK OR TUG/TRAILER TRAIN TRAVEL BETWEEN BULK HOLDING AND AIRCRAFT INCLUDES-ALL THE MOTIONS NECESSARY TO TRAVEL TO HOLD AREA,DISMOUNT TUG IF TOWABLE AND HOOK UP TOWABLE PIECE,LIFT NON-TOWABLE PIECE WITH FLT,SET DOWN PIECE AT LOAD SPOT ENDS-WITH PIECE MOVED TO LOAD SPOT
					800	CASE 1-1 CONSTANT TIME-FLT LOADING-PICK UP AND SET PIECE WITH FLT(922 TEHPPAB,922 TEHFSAB)
					814	2-1 CONSTANT TIME-TOWABLE PIECE-MOUNT AND DISMOUNT TUG(922 MEHFP08),WALK 10 PACES TO PIECE AND RETURN(U 88MW001, U 88MHC01),HOOK UP TOWABLE PIECE(922 MEHTH01)
						A-1 VARIABLE TIME-FORKLIFT TRUCK/TUG-MOVE TO/FROM BULK AREA AND LOADING SPOT (COMPUTE FROM ELEMENT 922 TEHFTXX FOR LOCAL DISTANCE FOR EQUIPMENT USED)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	SL-8	KSHCPX1	CON/VAR	CARGO(AIR),PLACE ON WAREHOUSE PALLET,POSITION PALLET FOR MOVEMENT TO AIRCRAFT STARTS-WITH WALK TO GET PRE-MANIFESTS OR TALLY SHEET INCLUDES-ALL THE MOTIONS NECESSARY TO WALK TO GET AND RETURN WITH PRE-MANIFESTS,GET PALLET, CHECK CARGO AGAINST MANIFEST,MOVE CONVEYORIZED CARGO FROM HOLD LINE TO PIT LOOP,CYCLE CARGO WITHIN PIT LOOP,TRAVEL TO AND FROM HOLD AREA FOR BULK/SPECIAL HANDLE CARGO,GET CLASSIFIED CARGO FROM SECURITY CAGE,PICK UP AND PLACE CARGO ON PALLET,PICK UP PALLET LOAD/BULK PIECE/UNIT LOAD AND MOVE TO TRAILER TRAIN, PLACE ON TRAIN,RETURN,WALK TO TRAILER ASSEMBLY AREA AND RETURN,HOOK UP EACH TRAILER ENDS-WITH CARGO ON TRAILER TRAIN READY TO MOVE TO AIRCRAFT
					8682	CASE 1-1 CONSTANT TIME-MOVE CARGO ON CONVEYOR TO PIT LOOP,MOUNT AND DISMOUNT 10K LOADER(921 MMHCM03,922 MEHFM02)ONE TIME PER AIRCRAFT LOADED
						A-1 VARIABLE TIME-GET PRE-MANIFEST,WALK TO AND RETURN(COMPUTE FROM ELEMENTS U BBMWU01,U BBMHC01,U TGTOGEG(PICK UP MANIFEST)AND MULTIPLY BY NUMBER OF OCCURRENCES PER AIRCRAFT LOADED)
						B-1 VARIABLE TIME-CYCLE CARGO IN PIT LOOP (921 MMHCC01-1136 TMUS TIMES NUMBER OF CYCLES PER AIRCRAFT LOADED
						C-1 VARIABLE TIME-WALK TO TRAILER ASSEMBLY AREA AND RETURN(COMPUTE FROM ELEMENTS U BBMWU01 AND U BBMHC01 AND MULTIPLY BY NUMBER MEN WALKING
						D-1 VARIABLE TIME-GET WAREHOUSE PALLET, PLACE IN POSITION LOAD CARGO-922 MJP POSS)
						E-1 VARIABLE TIME-CHECK CARGO AGAINST PRE-MANIFEST(922 SIOMC01-585 TMUS PER PIECE TIMES NUMBER OF NON-U/W CODED PIECES ON LOADER)
						F-1 VARIABLE TIME-FORKLIFT TRUCK(10K LOADER)TRAVEL TO AND RETURN FROM HOLD AREA FOR BULK/SPECIAL HANDLE CARGO PICK UP WITH FTL(10K LOADER)(922 TEH PPAE-589 TMUS-ADD TO TIME COMPUTED FOR LOCAL DISTANCE TRAVELED FROM ELEMENT 922 TEHFTXX AND MULTIPLY BY NUMBER OF GENERAL AND SPECIAL HANDLE BULK PIECES,UNIT LOAD AND SPECIAL HANDLE WAREHOUSE PALLETS ONLOADED PER AIRCRAFT
						G-1 VARIABLE TIME-GET SECURITY CARGO FROM SECURITY CAGE(922 SEHCMX1-MULTIPLY TIME BY NUMBER OF PALLER LOADS OF SECURITY CARGO ONLOADED PER AIRCRAFT)
						H-1 VARIABLE TIME-PLACE LOOSE PIECES ON PALLET(929 TOHPHXX-MULTIPLY BY NUMBER OF LOOSE PIECES ON LOADER PER AIRCRAFT)
						J-1 VARIABLE TIME HOOK UP EACH TRAILER INTO TRAIN(922 MEHTH01-744 TMUS-TIMES TWO MEN TIMES ONE HOOK UP PER TWO PALLETS ONLOADED)
						K-1 VARIABLE TIME PICK UP SKID/WAREHOUSE PALLET AND/OR BULK PIECE/UNIT LOAD, MOVE TO TRAILER TRAIN AND RETURN, SET LOAD ON TRAIN(922 TEHPPAE-589 TMUS, 922 TEHFTXX,922 TEHPSAE-631 TMUS-ADD TIMES AND MULTIPLY BY NUMBER OF BULK PIECES/UNIT LOADS,PALLETS,SKIDS ONLOADED

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	KSHMLX1	KSHMLX1	CON/VAR	MATERIAL,(PALLETIZED/UNITIZED),LOAD ON TRUCK FROM ABOVE GROUND MAGAZINE W/O PLATFORM(AMMO) STARTS-WITH FORKLIFT TRUCK PICK UP PALLET IN STORAGE (ELECTRIC FLT) INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP PALLET/UNIT LOAD IN STORAGE,TRAVEL TO TRUCK AND DROP ON TAILGATE,PICK UP WITH TRANSPORTER (ELECTRIC)AND POSITION IN TRUCK,PROCESS DOCUMENTS PER PALLET,RETURN TRANSPORTER AND FLT TO STORAGE AREA ENDS-WITH FLT READY TO PICK UP NEXT PALLET
					1920	CASE 1-1 CONSTANT TIME-PICK UP PALLET/UNIT LOAD TO 4000 POUNDS WITH ELECTRIC FLT(922 MEHPP03)-SIT DOWN LOAD(922 MEHPS01)-MOVE PALLET IN CARRIER WITH ELECTRIC PALLET DOLLY(MOVE AVERAGE 6 PACES EMPTY AND 12 PACES LOADED-ONE MAN)(929 MMHDM01-1418 TMUS FOR TWO MEN-1/2 OR 709 TMUS INCLUDED IN THIS ELEMENT-PROCESS DOCUMENTS PER PALLET/UNIT LOAD(222 SWRDP01) A-1 VARIABLE TIME-ELECTRIC FLT TRAVEL WITH LOAD FROM STORAGE TO DROP POINT AND RETURN EMPTY(COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFEXX) B-1 VARIABLE TIME-PROCESS DOCUMENTS PER LINE ITEM(222 SWRDP10-1878 TMUS)-DIVIDE BY NUMBER OF LINE ITEMS PER PALLET
DL	922	FUL	SL-3	KSHPAX1	CON/VAR	PALLETS(463L-LOADED),ASSEMBLE FOR MOVEMENT TO AIRCRAFT STARTS-WITH WALK TO 25/40K LOADER INCLUDES-ALL THE TIME AND MOTIONS NECESSARY TO GET K LOADER,POSITION AT TRANSFER DOCK,MOVE PALLETS FROM TRANSFER DOCK ONTO 25/40K LOADER, LASH LOAD TO LOADER,MOUNT AND DISMOUNT LOADER, MOVE LOADER ASIDE AND PART,CREW WALK TO TRANSFER DOCK AND RETURN,CREW WALK TO TRAILER ASSEMBLY AREA AND RETURN,HOOK UP EACH TRAILER INTO TRAIN ENDS-WITH 25/40K LOADER OR TRAINLOADED AND READY TO MOVE TO AIRCRAFT CASE A-1 VARIABLE TIME-25/40K LOADER-GET AND POSITION LOADER(922 MEHKP03-5179 TMUS-MULTIPLY BY TOTAL PALLETS LOADED BY LOADER DIVIDED BY NUMBER OF PALLETS PER 25/40K LOADER B-1 VARIABLE TIME-HOOK UP EACH TRAILER TO MAKE TRAILER TRAIN(922 MEHTH01-744 TMUS PER TRAILER HOOKED UP-MULTIPLY BY NUMBER OF TRAILERS HOOP UP PER AIRCRAFT LOADED) C-1VARIABLE TIME-WALK TO TRANSFER DOCK OR TRAILER ASSEMBLY AREA(COMPUTE FROM ELEMENTS U 88MWU01 AND U 88MHC01 AND MULTIPLY BY CREW STRENGTH) D-1 VARIABLE TIME-MOVE PALLETS FROM TRANSFER DOCK ONTO 25/40K LOADER(929 MMHPM01-6045 TMUS PER PALLET MOVED TIMES NUMBER PALLETS LOADED ONTO 25/40K LOADER PER AIRCRAFT LOADED) E-1 VARIABLE TIME-LASH LOAD TO 25/40K LOADER(SUPPLEMENTARY CARGO TIEDOWNS-USE LOCAL TIME FOR THIS ELEMENT-MULTIPLY BY NUMBER OF 25/40K LOADER LOADS PER AIRCRAFT LOADED) F-1 VARIABLE TIME-MOUNT AND DISMOUNT 25/40K LOADER,MOVE LOADER ASIDE(922 MEH FM02-939 TMUS PER LOAD,COMPUTE TIME FOR DISTANCE MOVED FROM ELEMENT 922 TEHFTXX AND MULTIPLY BY NUMBER OF 25/40K LOADER LOADS PER AIRCRAFT LOADED)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TL-1	JSHAOX1	VARIABLE	AIRCRAFT,ONLOAD WITH PRE-PALLETIZED MIXED CARGO(A/C FITTED WITH A 463L RAIL SYSTEM)

PART I-ELEMENTS

A OFFLOAD TRUCK/TRAILER AT TERMINAL AND MOVE CARGO TO TEMPORARY HOLD
922 KRCTOX1

B BUILD UP 463L PALLET,PLACE PALLET IN POSITION FOR MOVEMENT TO AIRCRAFT
920 KPKP8X1

C ASSEMBLE 463L PALLETS FOR MOVEMENT TO AIRCRAFT-LOAD 463L PALLETS ON AIRCRAFT-LOAD BELLY-LOAD CARGO ON AIRCRAFT
922 KSHPAX1
922 KSHALX1(10K LOADER)
922 KSHALX2(25/40K LOADER)
922 KSHALX3

D PREPARE TO LOAD AIRCRAFT-CLEAN LOADING SPOT,CREW AND EQUIPMENT RETURN TO TERMINAL,PARK AND STOW EQUIPMENT, DELIVER LOAD BREAKDOWN TO OFFICE
922 KJPAPX1
929 KJPLCX1

E TRAVEL TO HOT SPOT LOADING AREA AND RETURN
922 KJPCTX1

PART II-FREQUENCIES/OCCURRENCES

F TOTAL NUMBER OF OFFLOADED TRUCKS PER TOTAL ONLOADED AIRCRAFT

G NUMBER OF 463L PALLETS PER UNLOADED PALLETIZED AIRCRAFT

H PALLETIZED HOT SPOT AIRCRAFT PER UNLOADED PALLETIZED AIRCRAFT

PART III-NORMAL TIME

J PER ONLOADED PALLETIZED AIRCRAFT
A(F)+B(G)+C+D+E(J)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

K ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

L PER PALLETIZED AIRCRAFT ONLOADED
J(K)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TL=2	JSHAOX2	VARIABLE	AIRCRAFT,ONLOAD WITH NON=PALLETIZED(FLOORLOAD) MIXED CARGO

PART I=ELEMENTS

A PREPARE TO LOAD NON=PALLETIZED AIRCRAFT AND CLEAN A/C LOADING SPOT,RETURN CREW AND EQUIPMENT TO TERMINAL,PARK/STOW EQUIPMENT AND DELIVER LOAD BREAKDOWN TO OFFICE
922 KJPPAX1
929 SJPSCX1

B OFFLOAD TRUCK/TRAILER AT TERMINAL AND MOVE CARGO TO TEMPORARY HOLD
922 KRCTOX1

C PLACE CARGO ON WAREHOUSE PALLET,PLACE PALLET,BULK PIECES OR UNIT LOAD IN POSITION TO MOVE TO A/C,LOAD CARGO ON NON=PALLETIZED A/C
922 KSHCPX1
929 KOHCLX1

D TRAVEL TO AIRCRAFT HOT SPOT LOADING AREA
922 KJPCTX1

PART II=FREQUENCIES/OCCURRENCES

E TOTAL TRUCKS/TRAILERS OFFLOADED PER TOTAL ONLOADED AIRCRAFT

F NON=PALLETIZED HOT SPOT A/C PER ON=LOADED NON=PALLETIZED A/C

PART III=NORMAL TIME

G PER ONLOADED NON=PALLETIZED AIRCRAFT A+B(E)+C+D(F)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

H ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

J PER NON=PALLETIZED AIRCRAFT ONLOADED G(H)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TL-3	JSHAOX3	VARIABLE	AIRCRAFT(RAMP/ELEVATOR ACCESS TYPE),ONLOAD

PART I-ELEMENTS

A PREPARE TO LOAD RAMP/ELEVATOR TYPE A/C-CLEAN A/C LOADING SPOT,RETURN CREW AND EQUIPMENT TO TERMINAL,PARK/STOW EQUIPMENT AND DELIVER LOAD BREAKDOWN TO OFFICE
922 KJPAPX1
929 SJPSCX1

B OFFLOAD TRUCK/TRAILER AT TERMINAL AND MOVE CARGO TO TEMPORARY HOLD
922 KRCTOX1

C PLACE CARGO ON WAREHOUSE PALLET,PLACE PALLET,BULK PIECE OR UNIT LOAD IN POSITION TO MOVE TO AIRCRAFT-ASSEMBLE U/W CODED CARGO FOR MOVEMENT TO A/C-LOAD LOOSE CARGO ON A/C
922 KSHCPX1
922 KSHCAX1
922 KSHCLX5

D MOVE U/W CODED CARGO TO LOAD SPOT-LOAD U/W CODED CARGO ON A/C
922 KSHCMX1
921 KSHCLX4

E TRAVEL TO AIRCRAFT HOT SPOT LOADING AREA
922 KJPCTX1

PART II-FREQUENCIES/OCCURRENCES

F TOTAL OFFLOADED TRUCK/TRAILER PER TOTAL ONLOADED AIRCRAFT

G U/W CODED PIECES PER ONLOADED RAMP/ELEVATOR TYPE AIRCRAFT

H RAMP/ELEVATOR HOT SPOT A/C PER ONLOADED RAMP/ELEVATOR A/C

PART III-NORMAL TIME

J PER ONLOADED RAMP/ELEVATOR ACCESS A/C
A+B(F)+C+D(G)+E(H)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-7,BASIC VOLUME,APPENDIX II

K ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

L PER RAMP/ELEVATOR ACCESS TYPE AIRCRAFT ONLOADED
J(K)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TS-1	JSHCLX1	VARIABLE	CAR(RAIL,BOX),LOAD WITH FORKLIFT TRUCK(SOLID)

PART I-ELEMENTS

A PREPARE CAR FOR LOADING WITH FORKLIFT
929 KJPCPX7

B MOVE PALLET LOAD FROM STORAGE TO CAR
922 KSHCLX7

C MOVE PALLET LOAD FROM STORAGE TO CAR AND DISPOSE OF EMPTY PALLET
922 SEHPRX1

D DEPALLETIZE MATERIAL-COMPUTE FOR LOCAL WEIGHT AND CUBE OF MATERIAL FROM ELEMENT
929 TOHPHXX

PART II-FREQUENCIES/OCCURENCES

E RATIO OF UNIT LOADS TO TOTAL UNITS-PERCENT

F RATIO OF LOOSE PIECES TO TOTAL UNITS-PERCENT

G PIECES PER PALLET

H TOTAL PIECES(LOOSE AND UNITS) LOADED

PART III-NORMAL TIME

J NORMAL TIME PER CAR PREPARED FOR LOADING
A

K NORMAL TIME PER PIECE LOADED
B(E)+((C)(1/G)+D)(F)

L NORMAL TIME PER BOXCAR LOADED
J+K(H)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

M ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

N STANDARD TIME PER BOXCAR PREPARED TO LOAD
J(M)

P STANDARD TIME PER PIECE LOADED
K(M)

Q STANDARD TIME PER CAR LOADED
N+P(H)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TS-2	JSHCLX2	VARIABLE	CAR(40 FOOT REFRIGERATED),LOAD

PART I-ELEMENTS

A PICK UP AND MOVE PALLET FROM PACKING AREA TO HOLD AREA,STACK
922 SEHPMX1

B PREPARE CAR FOR LOADING
929 KJPCPXG-222 SWRDP02

C PICK UP PALLETIZED MATERIAL IN HOLD AREA,MOVE TO CARRIER,PLACE ON DOLLY MOVE DOLLY WITHIN CARRIER,REMOVE EMPTY PALLET FROM CARRIER
922 SEHPMX1-929 MMHOM01-929 MOHPM02

D DEPALLETIZE MATERIAL IN CARRIER
929 TOHPHXX

E DOCUMENT PROCESSING PER PALLET
222 SWRDP01

PART II-FREQUENCIES/OCCURENCES

F PIECES PER PALLET(DEPALLETIZED)

G PALLETS PER CAR(DEPALLETIZED)

H PIECES PER CAR

PART III-NORMAL TIME

J PER CAR PREPARED FOR LOADING
B

K PER PIECE LOADED
(A+C+E)(1/F)+D

L PER CAR PREPARED AND LOADED
J+K(H)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE
DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

M ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

N PER CAR PREPARED FOR LOADING
J(M)

P PER PIECE LOADED
K(M)

Q PER CAR PREPARED AND LOADED
N+P(H)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TS=5	JSHCLX3	VARIABLE	CAR(RAIL,BOX=MIXED),LOAD WITH FORKLIFT TRUCK

PART I=ELEMENTS

A PREPARE CAR FOR LOADING
929 KJPCPX7

B MOVE PALLET FROM PACKING AREA TO CAR
922 KSHCLX6

C REMOVE PALLET(EMPTY)FROM CAR AND STACK IN STORAGE
922 SEHPRX1

D DEPALLETIZE MATERIAL IN CAR
929 TOHPHXX

PART II=FREQUENCIES/OCCURENCES

E PIECES PER PALLET DEPALLETIZED

F RATIO OF UNIT LOADS TO TOTAL UNITS

G RATIO OF LOOSE PIECES TO TOTAL UNITS

H TOTAL UNITS PER CAR

PART III=NORMAL TIME

J PER CAR PREPARED TO LOAD
A

K PER PIECE/UNIT LOADED
B(F)+((B+C)(1/E)+D)(G)

L PER CAR PREPARED AND LOADED
A+K(H)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

M ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

N PER CAR PREPARED FOR LOADING
J(M)

P PER PIECE/UNIT LOADED
K(M)

Q PER CAR PREPARED AND LOADED
N+P(H)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTOP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TS-19	JSHCLX4	VARIABLE	CAR(RAIL,FLAT-SOLID OR MIXED),LOAD WITH FORK-LIFT-UNIT LOADS

PART I-ELEMENTS

A PREPARE RAIL FLATCAR FOR LOADING
929 KJPCPX5

B MOVE PALLET LOAD FROM STORAGE TO CARRIER
922 KSHCLX7

PARTII-FREQUENCIES/OCCURENCES

C NUMBER OF UNIT LOADS LOADED ON CARRIER PER CARRIER

PART III-NORMAL TIME

D PER CAR PREPARED FOR LOADING
A

E PER UNIT LOAD LOADED ON CAR
B

F PER CAR PREPARED AND LOADED
A+B(C)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR (AF)

PART V-STANDARD TIME

H PER CAR PREPARED FOR LOADING
D(G)

J PER UNIT LOAD LOADED ON CAR
E(G)

K PER CAR PREPARED AND LOADED
H+J(C)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS TO ADJUST FOR LOCAL SE WHEN NEEDED

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TS-20	JSHCLX5	VARIABLE	CAR(RAIL,FLAT-MIXED OR SOLID),LOAD-TOW ON

PART I-ELEMENTS

A PREPARE CAR FOR LOADING-TOW ON
929 KJPCPX6

B LOAD,BLOCK,BRACE VEHICLE ON FLATCAR
922 KSHCLX8

PART II-FREQUENCIES/OCCURENCES

C VEHICLES LOADED PER FLATCAR

PART III-NORMAL TIME

D PER FLATCAR PREPARED FOR LOADING
A

E PER VEHICLE LOADED ON FLATCAR
B

F PER CAR PREPARED AND LOADED
D+E(C)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

H PER CAR PREPARED FOR LOADING
D(G)

J PER VEHICLE LOADED ON FLATCAR
E(G)

K PER CAR PREPARED AND LOADED
H+J(C)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TS=21	JSHCLX6	VARIABLE	CAR(RAIL,GONDOLA=SOLID/MIXED),LOAD CONEX WITH HEAVY DUTY FORKLIFT AND SPECIAL DEVICE

PART I=ELEMENTS

A PREPARE GONDOLA CAR FOR LOADING
929 KJPCPXK

B MOVE AND LOAD CONEX ON GONDOLA CAR
922 KSHCLX2

PART II=FREQUENCIES/OCCURENCES

C CONEXES PER CAR

PART III=NORMAL TIME

D PER GONDOLA CAR PREPARED FOR LOADING
A

E PER CONEX LOADED ON CAR
B

F PER CAR PREPARED AND LOADED
D+E(C)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=
DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR (AF)

PART V=STANDARD TIME

H PER CAR PREPARED FOR LOADING
D(G)

J PER CONEX LOADED
E(G)

K PER CAR PREPARED AND LOADED
H+J(C)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TS=8	JSHTLX1	VARIABLE	TRUCK(FLATBED=SOLID),LOAD WITH TWO FORKLIFTS

PART I=ELEMENTS

A PREPARE FLATBED TRUCK FOR LOADING
929 KJPCPXD

B DOCUMENT PROCESSING PER BILL OF LADING
222 SWRDP02

C MOVE PALLET LOAD FROM HOLD AREA TO DOCK AND FROM DOCK TO TRUCK=UNITS
922 KSHCLX3

D MOVE PALLET LOAD FROM HOLD AREA TO FLAT BED TRUCK AND DISPOSE OF EMPTY PALLETS=(PALLETIZED)
929 MOHPMXX=922 KSHCLX3

E RETURN STACK EMPTY PALLETS TO STORAGE
922 TEHPPXX=922 TEHFTXX=922 TEHPSXX

F DEPALLETIZE MATERIAL=PER PIECE
929 TOHPHXX

PART II=FREQUENCIES/OCCURENCES

G PIECES PER PALLET(DEPALLETIZED)

H EMPTY PALELTS PER STACK TO STORAGE

J TOTAL UNITS PER TRUCK(UNIT/PIECES)

K RATIO OF UNIT LOADS TO TOTAL UNITS

L RATIO OF LOOSE PIECES TO TOTAL UNITS

PART III=NORMAL TIME

M TIME PER TRUCK PREPARED TO LOAD
A+B

N TIME PER UNIT/PIECE LOADED
1=C(K)+((D+(E/H))(1/G))(L)=TAIL GATE
2=C(K)+((D+(E/H))(1/G)+F)(L)=DROPPED

P TIME PER TRUCK PREPARED AND LOADED
1=M+N1(J)=TAIL GATE PICK UP
2=M+N2(J)=DROPPED TRAILER PICK UP

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

Q ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

R TIME PER TRUCK PREPARED TO LOAD
M(Q)

S TIME PER PIECE/UNIT LOADED
1=N1(Q)=TAIL GATE PICK UP
2=N2(Q)=DROPPED TRAILER PICK UP

T TIME PER TRUCK PREPARED AND LOADED
1=R+S1(J)=TAIL GATE PICK UP
2=R+S2(J)=DROPPED TRAILER PICK UP

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTOP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TS=7	JSHTLX2	VARIABLE	TRUCK(VAN/TRAILER=SOLID),LOAD WITH FORKLIFT

PART I=ELEMENTS

A PREPARE VAN TRUCK/TRAILER FOR UNLOADING
929 KJPCPXW

B MOVE PALLET LOAD FROM STORAGE TO TRUCK
922 KSHCLX4

C MOVE PALLET LOAD FROM STORAGE TO TRUCK, DISPOSE OF EMPTY PALLETS
922 KSHCLX4
929 MOHPMXX

D RETURN EMPTY PALLETS TO STORAGE
922 SEHPP01

E DEPALLETIZE MATERIAL
929 TOHPHXX

PART II=FREQUENCIES/OCCURENCES

F PIECES PER PALLET(DEPALLETIZED)

G TOTAL PIECES/UNITS PER TRUCK

H RATIO OF UNIT LOADS TO TOTAL PIECES/UNITS

J RATIO OF LOOSE PIECES TO TOTAL PIECES/UNITS

K PALLETS(EMPTY)PER STACK RETURNED TO STORAGE

PART III=NORMAL TIME

L PER TRUCK PREPARED FOR LOADING
A

M PER PIECE/UNIT LOADED
1 B(H)+(((C+D/K)/F)(J) = TAIL GATE
2 B(H)+(((C+D/K)/F)+E)(J)=DROPPED

N PER TRUCK PREPARED AND LOADED
1 M1(G) = TAIL GATE PICK UP
2 M2(G) = DROPPED TRAILER PICK UP

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE= DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

P ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

Q PER TRUCK PREPARED TO LOAD
L(P)

R PER PIECE/UNIT LOADED
1 M1(P) = TAIL GATE PICK UP
2 M2(P) = DROPPED TRAILER PICK UP

S PER TRUCK PREPARED AND LOADED
1 Q+R1(G) = TAIL GATE PICK UP
2 Q+R2(G) = DROPPED TRAILER PICK UP

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TS=10	JSHTLX3	VARIABLE	TRUCK(FLATBED=MIXED),LOAD WITH TWO FORKLIFTS

PART I=ELEMENTS

A PREPARE FLATBED TRUCK TO LOAD WITH TWO FORKLIFT TRUCKS
929 KJPCPXD

B MOVE PALLET LOAD ONTO TRUCK=REMOVE EMPTY PALLET FROM TRUCK
922 KSHCLXA=929 MOHPM02

D DISPOSE OF EMPTY PALLET=PER STACK
922 TEHPPXX=922 TEHFTXX=922 TEHPSXX

E SEGREGATE MATERIAL IN CENTRAL SHIPPING
922 MEHFP08=922 THEFTXX=922 TEHPPXX=
922 THEPSXX=U BBMW001=U BBMHC01

F MANHANDLE MATERIAL TO SEGREGATE
929 TOHPHXX

PART II=FREQUENCIES/OCCURENCES

G LOOSE PIECES PER PALLET(SEGRETATION)

H LOOSE PIECES PER PALLET(DEPALLETIZED)

J TOTAL UNITS/PIECES LOADED

K PALLETS PER STACK DISPOSED

L RATIO OF UNIT LOADS TO TOTAL UNITS

M RATIO OF LOOSE PIECES TO TOTAL UNITS

PART III=NORMAL TIME

N TIME PER TRUCKS PREPARED FOR LOADING
A

P TIME PER UNIT/PIECE LOADED
1=B(L)+(((B+C+D)(1/H)+E+F(1/G))(M)=
TAIL GATE PICK UP
2=B(L)+(((B+C+D)(1/H)+E+F+F(1/G))(M)=
DROPPED TRAILER PICK UP

Q TIME PER TRUCK PREPARED AND LOADED
1=N+P1(J)=TAIL GATE PICK UP
2=N+P2(J)=DROPPED TRAILER PICK UP

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE
DETERMINE FROM DOD 5010.15.1=M,BASIC
VOLUME,APPENDIX II

R ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

S TIME PER TRUCK PREPARED TO LOAD
N(R)

T TIME PER PIECE/UNIT LOADED
P1(R)
P2(R)

U TIME PER TRUCK PREPARED AND LOADED
1=S+T1(J)
2=S+T2(J)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR
LOCAL ELEMENTS AS NEEDED FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FUL	TS-9	JSHTLX4	VARIABLE	TRUCK(VAN/TRAILER),LOAD AT CENTRAL SHIPPING

PART I-ELEMENTS

A PREPARE VAN TRUCK/TRAILER FOR LOADING
929 KJPCPXQ

B MOVE PALLET LOAD THROUGH CENTRAL SHIPPING
922 KSHCLX5

C SEGREGATE MATERIAL IN CENTRAL SHIPPING
922 SEHPMX1-U 88MW001-U 88MHC01-
929 TOHPHXX

D DEPALLETIZE MATERIAL IN TRUCK
929 TOHPHXX

E REMOVE AND DISPOSE OF EMPTY PALLETS
929 MOHPM02-922 SEHPMX1(DETERMINE PER PALLET TIME)

PART II-FREQUENCIES/OCCURENCES

F TOTAL UNITS/PIECES PER TRUCK LOADED

G LOOSE PIECES PER PALLET(SEGREGATION)

H LOOSE PIECES PER PALLET(DEPALLETIZED)

J RATIO OF UNIT LOADS TO TOTAL UNITS

K RATIO OF LOOSE PIECES TO TOTAL UNITS

PART III-NORMAL TIME

L PER TRUCK PREPARED FOR LOADING
A

M PER PIECE/UNIT LOADED
1 B(J)+((B+E)(1/G)+C)(K)
2 B(J)+((B+E)(1/G)+C+D)(K)

N PER TRUCK PREPARED AND LOADED
1 L+M1(F)
2 L+M2(F)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

P ALLOWANCE FACTOR (AF)

PART V-STANDARD TIME

Q PER TRUCK PREPARED FOR LOADING
L(P)

R PER PIECE/UNIT LOADED
1 M1(P)
2 M2(P)

S PER TRUCK PREPARED AND LOADED
1 Q+R1(F)
2 Q+R2(F)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	FAL	TS-18	JSHTLX5	VARIABLE	TRUCK(FLATBED-MIXED OR SOLID),LOAD-TOW ON

PART I-ELEMENTS

A PREPARE FLATBED TRUCK FOR LOADING-TOW ON
929 KJPCPXC

B LOAD,BLOCK AND BRACE VEHICLE ONTO FLATBED TRUCK
922 KSHCLX1

PART II-FREQUENCIES/OCCURENCES

C NUMBER OF VEHICLES LOADED PER TRUCK

PART III-NORMAL TIME

D PER TRUCK PREPARED FOR LOADING
A

E PER VEHICLE LOADED ON FLATBED TRUCK
B

F PER FLATBED TRUCK LOADED
A+B(C)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

G ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

H PER FLATBED TRUCK PREPARED FOR LOADING
D(G)

J PER VEHICLE LOADED ON FLATBED TRUCK
E(G)

K PER FLATBED TRUCK LOADED
H+J(C)

PART IV-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS TO ADJUST FOR LOCAL USE WHEN NEEDED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	TSA-1	JSHTLX6	VARIABLE	TRUCK(VAN/TRAILER),LOAD PALLETIZED/UNITIZED AMMUNITION/COMPONENTS AT IGLOO

PART I-ELEMENTS

A PREPARE AND SECURE TRUCK AND IGLOO FOR LOADING-VISUALLY INSPECT MATERIAL(WALK FROM UNIT TO UNIT)-PLACE TRANSPORTER IN AND REMOVE FROM TRUCK-COMPLETE PLANOGRAPH,MAGAZINE DATA CARD,WORK ASSIGNMENT AND PERFORMANCE REPORT-APPLY TEMPORARY SEAL
929 KJPTPX1-U BBMWO01,U BBMHC01-922 MEHTP01-222 SLOPC01-222 SWRCC02-222 SWRRC01-929 SIDSA01

B PROCESS DOCUMENTS PER LINE ITEM
922 SWRDP10

C MOVE PALLET OF MATERIAL/UNIT LOAD FROM STORAGE TO TRUCK-MOVE MATERIAL INTO AND POSITION IN TRUCK WITH TRANSPORTER-PROCESS DOCUMENTS PER PALLET
922 SEHMPX1-929 MMHDM01-222 SWRDP01

D PAINT OUT OLD MARKINGS ON CONTAINER
920 SPAMPX1

E APPLY LABELS TO CONTAINER
920 MIDLA01,920 MIDLA02

F CUT AND APPLY STENCIL TO CONTAINER
920 SIDSCX1

G CREW TRAVEL TO AND FROM WORK AREA
U BBMWU01-U MBMBT01-U BEVVTXX

PART II-FREQUENCIES/OCCURRENCES

H NUMBER OF LINE ITEMS PER TRUCK LOADED

J CREW SIZE

K NUMBER OF MARKINGS PAINTED OUT-PER TRUCK LOADED

L NUMBER OF LABELS APPLIED-PER TRUCK LOADED

M NUMBER OF SIDES STENCILED-PER TRUCK LOADED

N NUMBER OF PALLETS PER TRUCK LOADED

PART III-NORMAL TIME

P NORMAL TIME PER TRUCK LOADED
A+B(H)+C(N)+D(K)+E(L)+F(M)+G(J)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE-DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

Q ALLOWANCE FACTOR(AF)

PART VI-STANDARD TIME

R STANDARD TIME PER TRUCK LOADED
P(Q)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	TSA=2	JSHTLX7	VARIABLE	TRUCK(VAN/TRAILER),LOAD PALLETIZED OR UNITIZED MATERIAL AT ABOVE GROUND MAGAZINE WITHOUT PLATFORM PART I=ELEMENTS A SET UP AND SECURE TRUCK,FLT,TRANSPORTER AND MAGAZINE=COMPLETE PLANOGRAPH, MAGAZINE DATA CARD,WORK ASSIGNMENT AND PERFORMANCE REPORT=BLOCK AND BRACE MATERIAL IN TRUCK 929 KJPTPX2 B PREPARE PALLETS/UNIT LOADS FOR LOADING=LOAD MATERIAL ON TRUCK 929 KJPPPX1 922 KSHMLX1 C CREW TRAVEL FROM DISPATCH AREA TO WORK AREA AND RETURN U BBMWU01,U MBMBT01,U BEVVTXX PART II=FREQUENCIES/OCCURRENCES D NUMBER OF PALLETS/UNIT LOADS LOADED=PER TRUCK PART III=NORMAL TIME E PER TRUCK/EQUIPMENT/MAGAZINE PREPARED FOR LOADING A F PER PALLET/UNIT LOAD LOADED B G PER TRUCK PREPARED AND LOADED A&B(C) A+B(C) PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II H ALLOWANCE FACTOR(AF) PART V=STANDARD TIME J PER TRUCK PREPARED(INCLUDES FLT,TRANSPORTER AND MAGAZINE) E(H) K PER PALLET/UNIT LOAD LOADED ON TRUCK F(H) L PER TRUCK PREPARED AND LOADED J+K(D) PART VI ADD/SUBSTITUTE APPLICABLE DWMSTOP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE
DL	922	MAL	BCAC	MWRCM01	437	CONTAINER,MARK WITH DATE,NUMBER OF PIECES AND ORDER NUMBER STARTS=WITH REACH TO OBTAIN PENCIL INCLUDES=ALL THE TIME NECESSARY TO OBTAIN A MARKING PENCIL,WRITE DATE,NUMBER OF PIECES AND CONTRACT ORDER NUMBER ON A CONTAINER ENDS=WITH ASIDE MARKING PENCIL

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	922	MAL	SI-4	KWROP01	1511	DOCUMENT(PER LINE ITEM ISSUED),PROCESS AND ATTACH TO CONTAINER STARTS-WITH BEGIN SORT INCLUDES-ALL THE TIME NECESSARY TO SORT THE ISSUE DOCUMENTS INTO LOCATION SEQUENCE,DETERMINE LOCATION PRIOR TO MOVE TO LOCATION(S), WALK TO LOCATION FROM FORKLIFT AND RETURN, VERIFY MATERIAL AT LOCATION,READ QUANTITY TO BE ISSUED,ASIDE DOCUMENTS,GET AND REPLACE PENCIL FROM POCKET AND REPLACE,OBTAIN DOCUMENT AND RECORD QUANTITY ISSUED,PRINT INITIALS AND WRITE DATE,OBTAIN ROLL OF TAPE,TAPE DOCUMENT TO CONTAINER. ENDS-WITH RETURN TO FORKLIFT TRUCK
DL	929	TUL	BEAL	MACLAXX	VARIABLE	LOCK(PALLET-463L),ACTUATE STARTS-WITH A WALK TO PALLET LOCK INCLUDES-ALL THE TIME NECESSARY TO MOVE TO THE LOCK AND ENGAGE OR RELEASE THE LOCK ENDS-WHEN THE LOCK IS ENGAGED OR RELEASED
					244	CASE 01 TIME PER LOCK
					488	02 TIME PER PALLET-TWO MEN OPERATE LOCKS SIMULTANEOUSLY(TWO LOCKS)
DL	929	TUL	BELU	MACPLXX	VARIABLE	PALLET RESTRAINT(463L),LOCK/UNLOCK STARTS-WITH A REACH TO PALLET RESTRAINT INCLUDES-ALL THE TIME NECESSARY TO LOCK A 10K PALLET DOLLY TYPE RESTRAINT(CASE 01)AND UNLOCK (CASE 02);LOCK A WEDGE IN ROLLER SYSTEM(CASE 03)AND UNLOCK(CASE 04) ENDS-WITH WITHDRAWAL FROM RESTRAINT
					143	CASE 01 LOCK-10K PALLET DOLLY TYPE
					85	02 UNLOCK-10K PALLET DOLLY TYPE
					140	03 LOCK-WEDGE IN ROLLER SYSTEM
					105	04 UNLOCK-WEDGE IN ROLLER SYSTEM
DL	929	EUL	EELE	SACEOXX	VARIABLE	EQUIPMENT(LIGHTING),OPERATE STARTS-WITH WALK TO GENERATOR FROM TUG INCLUDES-ALL THE TIME NECESSARY TO WALK TO/FROM TUG/GENERATOR AND TURN LIGHTING EQUIPMENT ON AND OFF ENDS-WITH WALK TO TUG FROM GENERATOR CONDITIONS-WALK SIX PACES ONE WAY BETWEEN TUG AND GENERATOR-168 TMUS(ESTIMATE)PROCESS TIME ALLOWED FOR WARM UP IN CASE 02
					199	CASE 01 TURN OFF LIGHTING EQUIPMENT
					382	02 TURN ON LIGHTING EQUIPMENT
NO	929	MAL	HXJCL01	MBMLC01	195	LADDER(BOXCAR),CLIMB,FROM GROUND TO DOCK STARTS-WITH TURN TO BOXCAR INCLUDES-ALL THE TIME NECESSARY TO TURN TO THE LADDER,STEP TO FIRST RUNG AND CLIMB FOUR STEPS TO DOCK,STEP OFF AND TURN AWAY FROM BOXCAR ENDS-WITH TURN AWAY FROM BOXCAR
NO	929	MAL	HXJCL02	MBMLC02	168	LADDER(BOXCAR),CLIMB,FROM DOCK TO GROUND STARTS-WITH TURN TO LADDER INCLUDES-ALL THE TIME TO CLIMB DOWN FOUR STEPS OF A BOXCAR LADDER AND TURN AWAY AFTER REACHING GROUND ENDS-WITH TURN AWAY FROM BOXCAR
DL	929	MAL	BMIV	MBMPC01	438	PLATFORM,CLIMB ON TO AND OFF FROM AND TO GROUND LEVEL(RAILCAR OR TRUCK BED) STARTS-WITH A REACH TO THE EDGE OF THE CARRIER INCLUDES-ALL THE TIME NECESSARY TO CLIMB ON TO AND OFF OF PLATFORM AT GROUND LEVEL ENDS-ON GROUND READY TO WALK

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	BMSP	MBMPM01	203	PALLET(SAFETY),MOUNT AND DISMOUNT STARTS-WITH STEP ONTO PALLET INCLUDES-ALL THE TIME NECESSARY TO MOUNT AND DISMOUNT SAFETY PALLET AND TO ATTACH AND RELEASE SAFETY CHAIN ENDS-WITH RELEASE OF SAFETY CHAIN AND STEP OFF PALLET
DL	929	MAL	BMVT	MBMTCXX	VARIABLE	TANK(LARGE ARMORED),CLIMB INTO/OUT OF STARTS-WITH OPERATOR FACING TANK READY TO MOUNT INCLUDES-ALL THE TIME NECESSARY TO OPEN HATCH, CLIMB INTO AND OUT OF A LARGE ARMORED TANK, AND TO CLOSE HATCH ENDS-WITH OPERATOR READY FOR NEXT OPERATION 1301 CASE 01 CLIMB IN AND OUT-OPEN AND CLOSE HATCH 431 02 UNFASTEN HATCH WITH WRENCH
DL	929	MAL	ECCP	MCACC01	245	CUBE,COMPUTE USING COMPUTER(SLIDE RULE TYPE) STARTS-WITH REACH TO THE COMPUTER INCLUDES-ALL THE TIME NECESSARY TO USE THE COMPUTER FOR DETERMINING THE CUBE OF A CONTAINER ENDS-WITH RELEASE OF COMPUTER ASIDE
DL	929	MAL	BMWB	MCLBW01	170	BIN,WIPE INSIDE WITH CLOTH STARTS-WITH REACH TO CLOTH ON CART INCLUDES-ALL THE TIME NECESSARY TO WIPE THE INSIDE OF A BIN WITH A CLOTH ENDS-WITH RELEASE OF CLOTH ON CART
DL	929	MAL	BMSC	MDPRS01	119	WIRE/ROPE,SEAL ENDS STARTS-WITH COIL HELD IN LEFT HAND INCLUDES-ALL THE TIME NECESSARY TO DIP THE END INTO THE SEALING COMPOUND AND RE-COIL ENDS-WITH THE RELEASE OF THE END
NO	929	MAL	BH1A6	MEHPMXX	VARIABLE	PALLET,MOVE WITH MANUAL TRANSPORTER STARTS-WITH STEP TO TRANSPORTER INCLUDES-ALL THE TIME NECESSARY TO STEP ONE PACE TO TRANSPORTER,MOVE TRANSPORTER TO PALLET AND TURN AND REVERSE TRAVEL,RUN IN TO LOAD, RAISE LOAD,START AND TRAVEL TO STORAGE WITH 90 DEGREE TURN,LOWER LOAD ENDS-WITH PALLET IN STORAGE TRANSPORTER STILL UNDER PALLET CONDITIONS-TRAVEL 15 FEET TO PALLET-RUN IN FIVE FEET AFTER TURN- 1389 CASE 01 PICK UP LOAD-ACCELERATE FIRST 10 FEET, DECELERATE LAST 10 FEET 9 02 EACH ADDITIONAL FOOT MOVE AFTER FIRST 10 FEET AND PRIOR TO LAST 10 FEET
DL	929	MAL	G-14	MGMDS01	130	DIALS,SET TO ZERO ON MEASURING DEVICE(CLOTH) STARTS-WITH A SIDE STEP TO DIALS INCLUDES-ALL THE TIME NECESSARY TO MOVE TO DIALS,TURN DIALS TO SET AND RETURN TO COIL OR ROLL ENDS-WITH THE RETURN TO ROLL
DL	929	MAL	BMH8	MGMMM01	157	MATERIAL(BOLT),MOVE END THROUGH MEASURING DEVICE STARTS-WITH A REACH TO END OF COIL OR ROLL INCLUDES-ALL THE TIME NECESSARY TO GET THE END OF THE COIL OR ROLL,MOVE THE END TO THE DEVICE FEED THE END IN AND PULL THROUGH ENDS-AFTER FIRST PULL THROUGH AND STILL HOLDING THE MATERIAL

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	ECCR	MGMPW01	7432	PALLET,WEIGH,RECORD WEIGHT ON DOCUMENTS AND ATTACH WEIGHT RECORD TO PALLET STARTS-WITH THE FORKLIFT AT THE PALLET INCLUDES-ALL THE TIME NECESSARY TO PICK UP A PALLET OF CARGO,SET PALLET ON SCALES,WEIGH THE PALLET AND ANNOTATE WEIGHT ON DOCUMENTS, ATTACH WEIGHT RECORD TO THE PALLET AND REMOVE THE PALLET FROM THE SCALE ENDS-WITH THE PALLET MOVED OFF OF THE SCALE CONDITIONS-BASED ON A TWO MAN OPERATION,ONE FORKLIFT OPERATOR AND ONE HELPER DOES NOT INCLUDE TRAVEL FROM PICK UP TO SCALES
DL	929	MAL	BESL	MIOLS01	2669	LABEL(BIN),STAMP STARTS-WITH REACH TO OBTAIN STAMP INCLUDES-ALL THE TIME NECESSARY TO GET STAMP AND STAMP PAD,OPEN STAMP PAD,SET STOCK NUMBER AND UNIT OF ISSUE ON STAMP,INK AND APPLY THE STAMP,CLOSE STAMP PAD AND ASIDE STAMP AND PAD ENDS-WITH ASIDE OF STAMP
DL	929	MAL	EMSR	SIDSA01	612	SEAL,APPLY AND RECORD NUMBERS STARTS-WITH REACH TO GET SEAL INCLUDES-ALL THE TIME NECESSARY TO APPLY THE SEAL TO THE DOOR,OBTAIN CLIPBOARD AND AFFIX DOCUMENTS,OBTAIN PEN AND RECORD NUMBERS ENDS-WITH PEN AND CLIPBOARD PLACED ASIDE
DL	929	MAL	EMRN	SIDSR01	563	SEAL,REMOVE,RECORD NUMBERS STARTS-WITH A REACH TO SEAL INCLUDES-ALL THE TIME NECESSARY TO REMOVE SEAL FROM CARRIER,OBTAIN CLIPBOARD,PEN,AFFIX DOCUMENTS TO CLIPBOARD,RECORD NUMBERS AND ASIDE CLIPBOARD AND PEN ENDS-WHEN PEN IS RETURNED TO POCKET CONDITIONS-RECORD 7 DIGITS
DL	929	MAL	EMDB	MJPB001	244	BLOCKS/BRACES,DISTRIBUTE ON CARRIER STARTS-WITH PICK UP BLOCK/BRACE INCLUDES-ALL THE TIME NECESSARY TO DISTRIBUTE ONE BLOCK OR TWO BRACES TO A LOCATION ON OR IN A CARRIER ENDS-WITH BLOCKS OR BRACES AVAILABLE FOR INSTALLATION
NO	929	MAL	BA40A	MJPBI01	9800	BLOCKING(EVANS GEAR),INSTALL IN RAILROAD BOX-CAR STARTS-WITH REACH TO WALL MEMBERS INCLUDES-ALL THE TIME NECESSARY TO GET WALL MEMBERS,INSTALL WALL MEMBERS,GET CROSS AND DOOR MEMBERS FROM CART,INSTALL DOOR MEMBERS AND GET JACK,PRY CROSS MEMBERS INTO POSITION, ASIDE JACK ENDS-WITH FINAL CROSS MEMBER IN POSITION CONDITIONS-WALK TOTAL 220 PACES INCIDENT TO INSTALLATION-TWO MAN OPERATION-FOUR WALL,TWO CROSS AND TWO DOOR MEMBERS
NO	929	MAL	BA1D1	MJPBR01	3344	BLOCKING(EVANS GEAR),REMOVE FROM LOADED CAR STARTS-WITH REACH TO GEAR WRENCH INCLUDES-ALL THE TIME NECESSARY TO REMOVE DOOR AND CROSS MEMBERS FROM CAR AND ASIDE TO DOCK ENDS-WITH ALL MEMBERS ASIDED TO DOCK CONDITIONS-TWO MAN OPERATION-ONE DOOR AND TWO CROSS MEMBERS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	929	MAL	BA1D2	MJPBR02	3016	BLOCKING,REPLACE TO EMPTY CAR STARTS-WITH PICK UP MEMBER TO REPLACE INCLUDES-ALL THE TIME NECESSARY TO PICK UP AND CARRY MEMBERS TO RAILROAD CAR,ASIDE MEMBERS TO CAR FLOOR ENDS-WITH MEMBERS(DOOR AND CROSS)ON CAR FLOOR CONDITIONS-WALK 30 PACES TO GET AND RETURN MEMBERS-TWO MAN OPERATION-ONE DOOR AND TWO CROSS MEMBERS
NO	929	MAL	HXJTC01	MJPCG01	138	CHOCKS,GET AND ASIDE STARTS-WITH PICK UP CHOCKS OR PLACE ON PLATFORM INCLUDES-ALL THE TIME NECESSARY TO PICK UP CHOCKS TO PUT IN POSITION AT WHEEL AND TO PUT CHOCKS ON PLATFORM AFTER REMOVAL FROM WHEEL ENDS-WITH CHOCKS IN HAND OR ON PLATFORM(TWO CHOCKS)
NO	929	MAL	HXJTC02	MJPCP01	109	CHOCKS,POSITION TO WHEELS STARTS-WITH CHOCKS IN HAND INCLUDES-ALL THE TIME NECESSARY TO STOOP AND PLACE CHOCKS IN FRONT AND REAR OF WHEEL(ONE SIDE) ENDS-WITH CHOCKS IN POSITION AND ARISE FROM BEND CONDITIONS-DOES NOT INCLUDE WALK TO WHEEL
NO	929	MAL	HXJTC03	MJPCR01	228	CHOCKS,REMOVE FROM WHEEL STARTS-WITH KICK TO LOOSEN FIRST CHOCK INCLUDES-ALL THE TIME NECESSARY TO KICK BOTH CHOCKS LOOSE,PICK UP CHOCKS ENDS-WITH BOTH CHOCKS IN HAND CONDITIONS-CHOCKS IN FRONT AND REAR OF ONE WHEEL
NO	929	MAL	HXJCDXX	MJPDCXX	VARIABLE	DOOR(BOXCAR),CLOSE,SINGLE AND DOUBLE(ONE SIDE) STARTS-WITH REACH TO DOOR HANDLE INCLUDES-ALL THE TIME NECESSARY TO LIFT FIRST DOOR,WALK CLOSED,WALK TO SECOND DOOR AND WALK CLOSED ENDS-WITH DOOR(S)CLOSED 301 CASE 01 SINGLE DOOR 663 02 DOUBLE DOOR
NO	929	MAL	HXJ8DXX	MJPDHXX	VARIABLE	DOOR(SLIDING DOUBLE),OPEN OR CLOSE(BUTLER HUT) STARTS-WITH A TURN TO DOOR INCLUDES-ALL THE MOTIONS NECESSARY TO WALK TO DOOR,OPEN AND WALK FROM OPEN TO CLOSED DOOR, OPEN SECOND DOOR,WALK TO OPEN DOOR(THREE PACES)AND WALK DOOR CLOSED,WALK TO SECOND DOOR,WALK DOOR CLOSED ENDS-WITH BOTH DOORS CLOSED CONDITIONS-THREE PACES TO WALK BETWEEN DOORS, TO WALK DOORS CLOSED 268 CASE 01 OPEN DOOR 289 02 CLOSE DOOR

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	929	MAL	HXJTVXX	MJPDOXX	VARIABLE	DOOR(TRAILER-SIDE AND/OR REAR),OPEN AND CLOSE START-WITH REACH TO DOOR OR LATCH INCLUDES-ALL THE TIME NECESSARY TO PUSH OR PULL, A TRAILER DOOR OPEN OR CLOSE,LATCH OR UNLATCH WHEN NECESSARY AND SECURE TO SIDE OF TRAILER IF NECESSARY ENDS-WITH DOOR OPEN OR CLOSED AND LATCHED IF NECESSARY
					91	CASE 01 OPEN LATCHING DOOR-SIDE OR REAR
					82	02 CLOSE LATCHING DOOR-SIDE OR REAR
					98	03 OPEN AND CLOSE FREE DOOR-SIDE OR REAR
					69	04 SECURE OPEN DOOR TO SIDE OF TRAILER
					92	05 UNHOOK OPEN DOOR-SIDE OR REAR
					68	06 WALK SIDE DOOR OPEN OR CLOSED
					119	07 WALK REAR DOOR OPEN OR CLOSED
					94	08 WALK BETWEEN DOORS TO OPEN OR CLOSE-SIDE
					109	09 WALK BETWEEN DOORS TO OPEN OR CLOSE-REAR
NO	929	MAL	HXJCD04	MJPD010	273	DOOR(BOXCAR),OPEN,SINGLE STARTS-WITH SIDESTEP INTO POSITION INCLUDES-ALL THE TIME NECESSARY TO MAKE TWO STEPS TO POSITION TO OPEN,RAISE DOOR,START DOOR TO MOVE AND WALK OPEN(EIGHT STEPS) ENDS-WITH DOOR OPEN
NO	929	MAL	HXJCD05	MJPD011	586	DOOR(DOUBLE-BOXCAR),OPEN STARTS-WITH SIDE STEP INTO POSITION INCLUDES-ALL THE TIME NECESSARY TO RAISE AND WALK OPEN BOTH DOORS,WALK BETWEEN DOORS AFTER FIRST DOOR OPENED ENDS-WITH BOTH DOORS OPEN
NO	929	MAL	BA18	MJPD012	891	DOOR(DOUBLE,BOXCAR),BREAK SEAL,OPEN FROM DOCK STARTS-WITH REACH TO SEAL INCLUDES-ALL THE TIME NECESSARY TO BREAK AND ASIDE SEALS,UNLATCH DOOR,OPEN DOORS,WALK TO OPEN DOORS ENDS-WITH BOXCAR DOOR OPEN
NO	929	MAL	HXJCD08	MJPDS01	137	DOOR(BOXCAR),SECURE WITH CAM AND HASP STARTS-WITH REACH TO HANDLE INCLUDES-ALL THE TIME NECESSARY TO REACH TO HANDLE,MOVE OVER BOLT,CAM DOOR TIGHT,PLACE WEDGE AND HASP,RELEASE ENDS-WITH HASP AND WEDGE IN PLACE AND SECURE
DL	929	MAL	BMDS/O-	MJPDTXX	VARIABLE	DOOR(TRAILER),OPEN AND CLOSE(ATTACH/REMOVE SEAL) STARTS-WITH REACH TO TRAILER DOOR INCLUDES-ALL THE TIME NECESSARY TO GRASP THE OPEN DOOR,CLOSE DOOR,APPLY SEAL OR REMOVE SEAL AND OPEN DOOR;OR OPEN AND CLOSE AN UNSEALED DOOR ENDS-WITH DOOR OPEN OR CLOSED OR WITH SEAL ATTACHED OR REMOVED
					1072	CASE 01 CLOSE TRAILER DOOR,APPLY SEAL
					1346	02 REMOVE SEAL,OPEN TRAILER DOOR(GET CUTTER FROM POCKET)
					934	03 CLOSE DOUBLE LATCH TRAILER DOOR
					1042	04 OPEN DOUBLE LATCH TRAILER DOOR
					1115	05 REMOVE SEAL,OPEN TRAILER DOOR(CUTTER NOT USED)
NO	929	MAL	HXJCD03	MJPDU01	171	DOOR(BOXCAR),UNLATCH STARTS-WITH REACH TO LATCH AND HANDLE INCLUDES-ALL THE TIME NECESSARY TO UNLATCH A BOXCAR DOOR BY MOVING LATCH AND STRIKING WEDGE WITH A HAMMER,MOVE HASP FREE ENDS-WITH HASP FREE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	EMHF	MJPFSXX	VARIABLE	FLAGS(SAFETY),INSTALL/REMOVE(RAILROAD CAR) STARTS-WITH OBTAIN FLAGS INCLUDES-ALL THE TIME NECESSARY TO GET,INSTALL REMOVE AND PLACE FLAGS IN STORAGE ENDS-WITH FLAGS IN STORAGE CONDITIONS-NO WALKING TO GET,INSTALL,REMOVE OR RETURN FLAGS TO STORAGE IS INCLUDED-TWO FLAGS
					258	CASE 01 INSTALL FLAGS
					221	02 REMOVE FLAGS
NO	929	MAL	HXJCF01	MJPFS03	69	FLAG(BLUE SAFETY),INSTALL AND REMOVE FROM RAILCAR STARTS-WITH FLAG IN HAND INCLUDES-ALL THE TIME NECESSARY TO MOVE AND PLACE THE FLAG IN COUPLING HOLE,REACH TO FLAG IN COUPLING HOLE,REMOVE FROM HOLE AND PREPARE TO CARRY ENDS-WITH FLAG READY TO CARRY CONDITIONS-ONE FLAG
NO	929	MAL	BA1A	MJPFS04	1119	FLAG(BLUE SAFETY),INSTALL OR REMOVE FROM OR ON RAIL CAR STARTS-WITH REACH TO GET FLAG INCLUDES-ALL THE TIME NECESSARY TO PICK UP FLAG,WALK TO END OF CAR,BEND,PLACE FLAG,ARISE AND RETURN TO STARTING POINT ENDS-WITH RETURN TO STARTING POINT CONDITIONS-INCLUDES WALK 30 PACES TO CAR AND 30 PACES RETURN-ELEMENT IS REPEATED IN REVERSE TO REMOVE FLAGS-ONE FLAG PER CAR
NO	929	MAL	HXJCG23	MJPJG01	143	JACK(EVANS GEAR),GET AND ASIDE STARTS-WITH REACH TO JACK HANDLE INCLUDES-ALL THE TIME NECESSARY TO REMOVE JACK FROM HOLDER,POSITION TO CARRY,TURN TO AND FROM HOLDER,RETURN JACK TO HOLDER ENDS-WITH JACK IN HOLDER
NO	929	MAL	HXJCGXX	MJPMAXX	VARIABLE	MEMBER(WALL,DOOR OR CROSS-EVANS GEAR),ASIDE TO FLOOR OR FOUR WHEEL CART STARTS-WITH MEMBER IN HAND INCLUDES-ALL THE TIME NECESSARY TO BEND TO FLOOR OR CART,STACK MEMBER AND TURN AWAY ENDS-WITH TURN FROM STACK
					126	CASE 01 WALL OR DOOR MEMBER
					146	02 CROSS MEMBER
DL	929	MAL	EMRB	MJPMD01	2258	MATERIAL(BOLT),DISMOUNT FROM DISPENSING RACK STARTS-WITH FORKLIFT AT DISPENSING RACK INCLUDES-ALL THE TIME NECESSARY TO REMOVE BOLT OF MATERIAL AND MANDREL FROM RACK, DISMOUNT FORKLIFT,WALK TO BOLT OF MATERIAL, REMOVE MANDREL AND CARRY TO AND PLACE ON HOLDING RACK,WALK TO AND MOUNT FORKLIFT ENDS-WITH MOUNTING FORKLIFT
NO	929	MAL	HXJCGXX	MJPMGXX	VARIABLE	MEMBER(DOOR,WALL OR CROSS-EVANS),GET FROM FOUR WHEEL CART STARTS-WITH BEND TO MEMBER INCLUDES-ALL THE TIME NECESSARY TO PICK UP THE MEMBER FROM THE FLOOR OR CART AND POSITION TO CARRY ENDS-WITH MEMBER IN HAND READY TO CARRY
					180	CASE 01 DOOR OR WALL MEMBER
					200	02 CROSS MEMBER

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	929	MAL	HXJCGXX	MJPMIXX	VARIABLE	MEMBER(WALL,DOOR AND CROSS-EVANS GEAR), INSTALL IN BOXCAR STARTS-WITH MEMBER IN HAND INCLUDES-ALL THE TIME NECESSARY TO POSITION MEMBER FOR INSTALLING,BENDING WHEN INSTALLING AT FLOOR LEVEL,ALIGN WITH PIN HOLES,OPEN CATCH AND INSERT PINS,SEAT PINS ENDS-WITH RELEASE AFTER INSTALLATION
					185	CASE 01 WALL MEMBER-FLOOR LEVEL
					124	02 WALL MEMBER-WAIST LEVEL
					128	03 WALL MEMBER-SHOULDER LEVEL
					238	04 DOOR MEMBER-FLOOR LEVEL
					177	05 DOOR MEMBER-WAIST LEVEL
					181	06 DOOR MEMBER-SHOULDER LEVEL
					224	07 CROSS MEMBER-FLOOR LEVEL
					163	08 CROSS MEMBER-WAIST LEVEL
					169	09 CROSS MEMBER-SHOULDER LEVEL
DL	929	MAL	EMMB	MJPMM01	2243	MATERIAL(BOLT),MOUNT ON DISPENSING RACK STARTS-WITH DISMOUNTING THE FORKLIFT TRUCK TO OBTAIN A MANDREL INCLUDES-ALL THE TIME NECESSARY TO MOUNT AND DISMOUNT A FORKLIFT,WALK TO DISPENSING RACK PICK UP MANDREL,CARRY MANDREL TO FORKLIFT, INSERT MANDREL INTO BOLT OF MATERIAL,WALK TO FORKLIFT,TRAVEL TO DISPENSING RACK BY FORKLIFT AND PLACE MANDREL AND BOLT OF MATERIAL ON DISPENSING RACK ENDS-WHEN BOLT OF MATERIAL AND MANDREL HAVE HAVE BEEN PLACED ON DISPENSING RACK CONDITIONS-WALK EIGHT PACES FROM FORKLIFT TO DISPENSING RACK(UNOBSTRUCTED),WALK EIGHT PACES WITH MANDREL(OBSTRUCTED)FROM RACK TO FORKLIFT, WALK FOUR PACES(UNOBSTRUCTED)FROM BOLT TO MOUNT FORKLIFT-FORKLIFT TRAVEL TO DISPENSING RACK IS NOT INCLUDED
DL	929	MAL	EMOB	MJPM001	2857	MATERIAL(BOLT),OBTAIN FROM STORAGE STARTS-WITH FORKLIFT AT STOCK LOCATION INCLUDES-ALL THE TIME NECESSARY TO PULL MATERIAL,DROP PALLET OF MATERIAL,DISMOUNT FORKLIFT AND WALK TO PALLET,MOVE BOLT OF MATERIAL TO FORKLIFT BLADES,MOUNT FORKLIFT AND RAISE BLADES WITH MATERIAL ENDS-WITH MATERIAL RAISED ON FORKLIFT BLADES AND LIFT READY TO TRAVEL
NO	929	MAL	HXJOGXX	MJPMRXX	VARIABLE	MEMBER(WALL,DOOR AND CROSS-EVANS GEAR),REMOVE FROM BOXCAR STARTS-WITH REACH TO MEMBER INCLUDES-ALL THE TIME NECESSARY TO OPEN CATCH OR LATCH,PULL PINS WHEN REQUIRED,LIFT MEMBER CLEAR OF OTHER MEMBER,BEND WHEN REMOVING FLOOR LEVEL MEMBERS AND POSITION MEMBER TO CARRY ENDS-WITH MEMBER IN POSITION TO CARRY
					142	CASE 01 WALL MEMBER-FLOOR LEVEL
					81	02 WALL MEMBER-WAIST LEVEL
					89	03 WALL MEMBER-SHOULDER LEVEL
					179	04 DOOR MEMBER-FLOOR LEVEL
					118	05 DOOR MEMBER-WAIST LEVEL
					126	06 DOOR MEMBER-SHOULDER LEVEL
					238	07 CROSS MEMBER-FLOOR LEVEL
					177	08 CROSS MEMBER-WAIST LEVEL
					200	09 CROSS MEMBER-SHOULDER LEVEL
NO	929	MAL	HXJBP01	MJPPI01	12	PLATE(DOOR),INSTALL AND ASIDE STARTS-WITH BEND TO DOOR PLATE INCLUDES-ALL THE TIME NECESSARY TO PICK UP A DOOR PLATE, CARRY PLATE 8 PACES,LOWER AND POSITION PLATE-PICK UP AND RETURN PLATE ENDS-WITH PLATE RETURNED AFTER USE CONDITIONS-USED HIGH EXPLOSIVE MAGAZINE ONLY-TWO MAN OPERATION

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NO	929	MAL	HXJTPXX	MJPPPXX	VARIABLE	PLACARD,POSITION ON TRAILER STARTS-WITH REACH TO PLACARD INCLUDES-ALL THE TIME NECESSARY TO PULL LATCH PIN OR SAFETY LATCH TO OPEN,PLACE PLACARD IN POSITION AND PLACE LATCH IN LOCK POSITION WHEN APPROPRIATE ENDS-WITH PLACARD IN POSITION
					73	CASE 01 PLACARD TO READ INERT-IN DOWN POSITION
					82	02 PLACARD TO READ EXPLOSIVE-SECURE PLACARD
NO	929	MAL	HXJCBXX	MJPPRXX	VARIABLE	PLATE(DOCK-MAGNESIUM),INSTALL AND REMOVE STARTS-WITH BEND TO PICK UP PLATE INCLUDES-ALL THE TIME NECESSARY TO BEND TO PICK UP PLATE,MOVE PLATE TO RAILROAD CAR,SLIDE INTO CAR DOOR,INSTALL HOLDING PINS,REMOVE HOLDING PINS,SLIDE PLATE FROM CAR DOOR,MOVE PLATE ASIDE AND LOWER TO DOCK ENDS-WITH PLATE ASIDE ON DOCK OR BETWEEN CAR AND DOCK WITH PINS IN PLACE CONDITIONS-TWO MAN OPERATION-EACH MAN WALKS TWO PACES TO INSTALL AND TWO PACES TO REMOVE
					1162	CASE 01 INSTALL
					1006	02 REMOVE
	929	MAL	EMRR	MJPRP01	977	REEL/COIL,POSITION FOR MEASURING STARTS-WITH PICK UP SMALL REEL OF MATERIAL INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND PLACE A REEL OR COIL OF MATERIAL ON A DISPENSING MACHINE,THREAD MEASURING DEVICE,SET UP TEMPORARY REEL,ATTACH MATERIAL ENDS-WHEN MATERIAL IS ATTACHED TO EMPTY REEL AND MEASURER IS SET
DL	929	MAL	BMPR	MJPRP02	77	ROLL OR COIL,POSITION ON HOLDER STARTS-WITH ROLL OR COIL IN HAND INCLUDES-ALL THE TIME NECESSARY TO MOVE AND POSITION A SMALL COIL OR ROLL ON A HOLDER ENDS-WITH RELEASE OF ROLL OR COIL ON HOLDER
NO	929	MAL	HXJTSXX	MJPSRXX	VARIABLE	STAKE SECTION,REMOVE AND REPLACE FROM/ONTO TRUCK STARTS-WITH BEND TO STAKE SECTION INCLUDES-ALL THE TIME NECESSARY TO REMOVE A STAKE SECTION FROM THE TRUCK,LEAN AGAINST SUPPORT,PICK UP SECTION AND REPLACE IN POSITION ON TRUCK ENDS-WITH STAKE SECTION IN POSITION INDICATED IN EACH CASE CONDITIONS-NO WALKING INCLUDED
					144	CASE 01 REMOVE STAKE SECTION FROM SIDE OF TRUCK AND LIFT TO CARRY POSITION
					51	02 LEAN STAKE SECTION AGAINST SUPPORT
					67	03 LIFT STAKE SECTION TO CARRY POSITION
					206	04 POSITION AND SECURE STAKE SECTION IN BRACKET ON TRUCK
DL	929	TUL	EMJA	SJPAP01	536491	AIRCRAFT,PREPARE FOR LOADING MISSILE COMPONENTS STARTS-WITH DELIVERING THE CARGO TO THE HOT PAD INCLUDES-ALL THE TIME NECESSARY TO JACK THE AIRCRAFT AND TRAILER;REMOVE TIEDOWNS;TAKE MANIFEST TO TERMINAL AND DELIVER HAZARDOUS CARGO SHEET ENDS-WITH REMOVING THE TIEDOWNS

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DL	929	MAL	EMS8	SJPBL01	7268	BOXCAR,SETUP FOR LOADING AMMUNITION STARTS-WITH THE SETUP OF RAILROAD FLAGS INCLUDES-ALL THE TIME NECESSARY TO SET UP A RAILCAR FOR LOADING AMMUNITION,SET UP AND REMOVE RAILROAD FLAGS,OPEN AND CLOSE BOTH CAR DOORS,STAPLE EXPLOSIVE PLACARDS TO RAILCAR, APPLY SEAL AND RECORD NUMBERS,AND THE NORMAL WALKS TO ACCOMPLISH THE CAR SET UP ENDS-AFTER REMOVING RAILROAD FLAGS
DL	929	MAL	EMOT	SJPBOX1	CON/VAR	BLOCKS,BRACES,TIE DOWNS,OBTAIN FOR SECURING LIGHT VEHICLE TO CARRIER STARTS-WITH TRAVEL TO GET BLOCKS,BRACES AND TIE DOWNS INCLUDES-ALL THE TIME NECESSARY TO OBTAIN THE BLOCKS,BRACES AND TIE DOWNS REQUIRED TO SECURE A LIGHT VEHICLE TO A FLATBED TRUCK OR A RAIL FLATCAR ENDS-WITH RETURN PALLET LOAD TO CARRIER
					4137	CASE 1-1 CONSTANT TIME-FOR FLATBED TRUCK-LOAD BLOCKS AND BRACES ON PALLET OR TRAILER(12 ITEMS),MOUNT AND DISMOUNT FORKLIFT,PICK UP AND SET DOWN PALLET LOAD,MOVE PALLET TO EQUIPMENT TRUCK OR TRAILER(U MOHP001,922 MEHFP08, 922 TEHPSAD,922 TEHFT8A,922 TEHPPAB)
					5375	2-1 CONSTANT TIME-FOR RAIL FLATCAR-LOAD BLOCKS AND BRACES(16 EACH ITEM)AND TIE DOWN WIRES(FOUR ITEMS)ON PALLET OR TRAILER,MOUNT AND DISMOUNT FORK-LIFT,PICK UP AND SET DOWN PALLET LOAD AND MOVE TO EQUIPMENT TRUCK OR TO [illegible]AILER(U MOHP001,922 MEHFP08,922 TEH[illegible]AB,922 TEHPSAD,922 TEHFTBA)
						A-1 VARIABLE TIME-BOTH CARRIERS-TRAVEL TO BLOCK,BRACE AND TIE DOWN STORAGE,ONE WAY-COMPUTE TRAVEL TIME FROM ELEMENT 922 MEHVTXX
DL	929	MAL	EMSU	SJPBS01	45973	BOXCAR,SETUP FOR UNLOADING AMMUNITION STARTS-WITH WALK TO SETUP RAILROAD FLAGS INCLUDES-ALL THE TIME NECESSARY TO SET UP AND REMOVE RAILROAD FLAGS,REMOVE SEAL AND RECORD NUMBERS,OPEN AND CLOSE BOTH DOORS,REMOVE PLACARDS,REMOVE SHORING AND THE NORMAL WALKS TO ACCOMPLISH THE SET UP FOR UNLOADING ENDS-WITH BOXCAR DOORS CLOSED AND FLAGS REMOVED CONDITIONS-SHORING REMOVED BY TWO MEN
NO	929	MAL	NXJOS03	SJPD8XX	VARIABLE	DOOR(BUTLER HUT),OPEN AND SECURE STARTS-WITH REACH TO KEY INCLUDES-ALL THE TIME NECESSARY TO UNLOACK A PADLOCK ON ONE SET OF SLIDING DOUBLE DOORS, SLIDE THE DOORS OPEN,CLOSE THE DOOR AND PAD-LOCK ENDS-WITH RELEASE OF PADLOCK AFTER LOCKING
					1544	CASE 01 OPEN AND SECURE-TIME IS FOR TWO MAN CREW
					772	02 ELAPSED TIME-MULTIPLY BY AUTHORIZED CREW TO DETERMINE TIME FOR CREW GREATER THAN TWO

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NO	929	MAL	NXJDS02	SJP00XX	VARIABLE	DOORS(BUILDING),OPEN AND SECURE STARTS-WITH REACH TO KEY INCLUDES-ALL THE TIME NECESSARY TO UNLOCK A PADLOCK,OPEN TWO SETS OF DOUBLE HINGED DOORS, CLOSE BOTH SETS OF DOORS AND SECURE WITH A PADLOCK ENDS-WITH RELEASE OF PADLOCK AFTER LOCKING DOORS CONDITIONS-TWO MAN CREW MINIMUM
					4728	CASE 01 OPEN AND SECURE-TWO MAN CREW TIME
					2364	02 OPEN AND SECURE-ELAPSED TIME-MULTIPLY BY AUTHORIZED CREW SIZE TO DETERMINE TIME FOR CREW GREATER THAN TWO MEN
NO	929	MAL	NXJDS01	SJPD003	1649	DOORS(MAGAZINE),OPEN AND SECURE STARTS-WITH A REACH TO GET KEY INCLUDES-ALL THE TIME NECESSARY TO UNLOCK ONE SET OF DOUBLE HINGED DOORS SECURED WITH A PADLOCK,OPEN BOTH DOORS,CLOSE BOTH DOORS AND SECURE DOORS CLOSED WITH A PADLOCK ENDS-WITH RELEASE OF PADLOCK AFTER LOCKING CONDITIONS-MAGAZINE IS GROUND LEVEL
DL	929	MAL	EMPB	SJPMP01	2455	MATERIAL(BOLT),PREPARE TO ISSUE STARTS-WITH A WALK TO DISPENSING RACK INCLUDES-ALL THE TIME NECESSARY TO MOUNT AND DISMOUNT A FORKLIFT,WALK TO DISPENSING RACK, REMOVE BURLAP COVERING FROM BOLT OF MATERIAL, WALK AROUND RACK TO OBTAIN EDGE OF MATERIAL, WALK TO MEASURING DEVICE WITH EDGE,MOVE END OF MATERIAL THROUGH MEASURING DEVICE,WALK AROUND WORK TABLE TO BEGIN MEASURE,WALK TO DISPENSING RACK,RECOIL BOLT OF MATERIAL AND REPLACE BURLAP COVERING OVER BOLT OF MATERIAL ENDS-WHEN COVER HAS BEEN REPLACED ON BOLT OF MATERIAL CONDITIONS-WALK FOUR PACES(UNOBSTRUCTED)FROM FORKLIFT TO DISPENSING RACK,AROUND RACK TO GET EDGE OF MATERIAL,WITH MATERIAL TO MEASURING DEVICE,AROUND END OF TABLE TO BEGIN MEASURE, AND RETURN TO DISPENSING RACK-TIME TO MEASURE MATERIAL IS NOT INCLUDED
DL	929	MAL	SL-11	SJPSCX1	VARIABLE	LOADING SPOT (AIRCRAFT),CLEAN(AFTER LOADING) STARTS-WITH DISMOUNT FROM AIRCRAFT INCLUDES-ALL THE MOTIONS NECESSARY TO DISMOUNT FROM AIRCRAFT (U MBMAB02),CLEAN LOADING SITE (929 SJPSC01),PROCESS DOCUMENT-PER BILL OF LADING(SHIPPING)(222 SWRDP02),WALK TO LIGHTING UNIT/CARGO TUG-50 FEET(U BBMWU01),TURN OFF LIGHTS(922 SACED02),MOUNT AND DISMOUNT TUG(922 MEHFP08),PICK UP AND SET DOWN STACK OF PALLETS (922 TEHPPAB,922 TEHPSAC),WALK FROM MHE TO CREW AREA AND DELIVER LOAD BREAKDOWN TO OFFICE ENDS-WITH LOAD BREAKDOWN DELIVERED TO OFFICE
					12742	CASE 1-1-CONSTANT TIME-DISMOUNT AIRCRAFT,CLEAN SITE,PROCESS DOCUMENT,WALK TO LIGHTING UNIT TURN OFF LIGHTS,MOUNT/DISMOUNTING A-1 VARIABLE TIME-CREW WALKS FROM MEH TO CREW AREA(COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01) B-1 VARIABLE TIME-DELIVER LOAD BREAKDOWN TO OFFICE(COMPUTE FOR LOCAL DISTANCE FROM ELEMENTS U BBMWU01 AND U BBMHC01) C-1 VARIABLE TIME-PICK UP STACK OF EMPTY PALLET(922 TEHPPXX),SET DOWN STACK OF EMPTY PALLETS(922 TEHPSXX)-PER OCCURRENCE

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DL	929	TUL	BMPA	SJPSC01	6788	LOADING SPOT/AIRCRAFT,CLEAN STARTS=WITH COMPLETION OF CARGO LOADING OR UNLOADING INCLUDES=ALL THE TIME NECESSARY TO CLEAN THE AIRCRAFT AND RAMP SPOT OF TRASH,ODD PALLETS, ROPES,CHAINS USED TO LOAD OR UNLOAD THE AIRCRAFT ENDS=WITH COMPLETION OF CLEAN UP
DL	929	TUL	SO=3	SJPSC02	9999	LOADING SPOT(AIRCRAFT),CLEAN UP STARTS=WITH DISMOUNT FROM AIRCRAFT INCLUDES=ALL THE TIME NECESSARY TO CLEAN UP AN AIRCRAFT LOADING SPOT AND AIRCRAFT,TURN OFF LIGHTS ENDS=WITH CREW AND EQUIPMENT READY TO RETURN TO TERMINAL
DL	929	FAL	SR=6	KJPCPXA	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD WITH FORKLIFT TRUCKS STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A FLATBED TRUCK FOR UNLOADING BY FORKLIFT TRUCK ENDS=WITH TRUCK UNLOADED AND WORKERS RETURNED TO OFFICE READY FOR NEXT ASSIGNMENT CONDITIONS=TWO FORKLIFT TRUCKS USED CASE 1=A CONSTANT TIME=MOUNT AND DISMOUNT FORKLIFT TRUCKS,TRAVEL INCIDENT TO PREPARING TRUCK,RETURN FREIGHT BILL TO DRIVER(922 MEHFP08,922 TEHFTXX, U TPLOGEA)
					2529	
					10000	2=A CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND CARRIER=PER TRUCK A=A VARIABLE TIME=FORKLIFT TRUCKS TRAVEL TO WORK AREA AND RETURN=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEH FTXX B=A VARIABLE TIME=WORKERS GET INSTRUCTIONS=ESTIMATE 1667 TMUS PER WORKER PER OCCURENCE C=A VARIABLE TIME=OPEN AND CLOSE WARE=HOUSE DOORS=463 TMUS PER OCCURENCE ELEMENT U MOHOR01

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SS-16	KJPCPXB	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE FOR LOADING BY TRUCK CRANE STARTS-WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES-ALL THE TIME NECESSARY TO PREPARE A FLATBED TRUCK FOR LOADING BY A TRUCK CRANE ENDS-WITH DOCUMENTS PROCESSED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					3155	CASE 1-B CONSTANT TIME-MOUNT AND DISMOUNT VEHICLES,OBTAIN AND ASIDE SLINGS, ATTACH AND DETACH SLINGS TO HOIST HOOK,PROCESS DOCUMENTS PER TRUCK, RETURN DOCUMENTS TO DRIVER,WALKING INCIDENT TO PREPARATIONS(20 PACES) (922 MEHFP08,U MOHP001,921 MMHSA01, 921 MMHSR02,222 SWRDP02,U TPLOPEA, U BBMW001,U BBMHC01)
					10000	2-B CONSTANT TIME-ESTIMATE-CLEAN UP WORK AREA AND TRUCK-PER TRUCK
						A-B VARIABLE TIME-WORKER WALK TO WORK AREA-COMPUTE TRAVEL TIME FOR LOCAL DISTANCES FROM ELEMENTS U BBMWU01 AND U BBMHC01
						B-B VARIABLE TIME-FORKLIFT TRUCK AND WAREHOUSE CRANE TRAVEL TO WORK AREA-COMPUTE FOR LOCAL TRAVEL DISTANCES FROM ELEMENT 922 TEHFTXX
						C-B VARIABLE TIME-WORKERS RECEIVE INSTRUCTIONS-ESTIMATE 1667 TMUS PER WORKER PER OCCURENCE
						D-B VARIABLE TIME-OPEN AND CLOSE WAREHOUSE DOORS-463 TMUS PER OCCURENCE-ELEMENT U MOHDR01
DL	929	EUL	SS-09	KJPCPXC	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE FOR LOADING BY TOW VEHICLES STARTS-WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES-ALL THE TIME NECESSARY TO PROCESS A FLATBED TRUCK FOR LOADING WITH A TOW VEHICLE ENDS-WITH DOCUMENTS PROCESSED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					8112	CASE 1-C CONSTANT TIME-MOUNT AND DISMOUNT FORK LIFT TRUCK AND TOW VEHICLE(MOUNT AND DISMOUNT FORKLIFT(TWO TIMES),GET AND RETURN DOCK PLATES,OBTAIN AND ASIDE TOOLS,PROCESS DOCUMENTS PER BILL OF LADING,GIVE DOCUMENTS TO DRIVER(922 MEHFP08,922 MJPPI01,U MOHP001,222 SWRDP01,U TPLOPEA
						A-C VARIABLE TIME-OBTAIN BLOCKS AND BRACES-TIME FOR LOCAL CONDITIONS COMPUTED FROM ELEMENT 929 SJPBOX1
						B-C VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO WORK AREA-COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENT 922 TEHFTXX
						C-C VARIABLE TIME-TOW VEHICLE TRAVEL TO WORK AREA-COMPUTE TRAVEL TIME FOR LOCAL TRAVEL DISTANCE FROM ELEMENT 922 MEHVTXX
						D-C VARIABLE TIME-WORKERS RECEIVE INSTRUCTIONS-ESTIMATE-1667 TMUS PER WORKER PER OCCURENCE
					10000	2-C CONSTANT TIME-ESTIMATE-CLEAN UP AREA AND TRUCK-PER TRUCK

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DL	929	EUL	SS=6	KJPCPXD	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO LOAD BY FORKLIFT TRUCKS(TWO) STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A FLATBED TRUCK FOR LOADING WITH TWO FORKLIFT TRUCKS ENDS=WITH TRUCK LOADED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT CONDITIONS=ONE FORKLIFT MOVES STOCK FROM STOW TO DOCK=SECOND LIFT MOVES STOCK FROM DOCK TO TRUCK
					2529	CASE 1=D CONSTANT TIME=MOUNT AND DISMOUNT FORK LIFT(TWO TIMES),GET AND GIVE DOCUMENT TO DRIVER,TRAVEL TO OTHER SIDE OF TRUCK(922 MEHFP08,U TPLOPEA,922 TEH FTBD)
					10000	2=D CONSTANT TIME=ESTIMATE=CLEAN UP AREA AND TRUCK=PER TRUCK
						A=D VARIABLE TIME=FORKLIFT TRUCKS TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCES FROM ELEMENT 922 TEHFTXX
						B=D VARIABLE TIME=ESTIMATE=WORKERS GET INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE
						C=D VARIABLE TIME=OPEN AND CLOSE WAREHOUSE DOOR=463 TMUS PER OCCURENCE=ELEMENT U MOHDR01
DL	929	EUL	SS=8	KJPCPXE	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO LOAD WITH YARD CRANE AND FORKLIFT TRUCK STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PROCESS A FLATBED TRUCK FOR LOADING WITH A MOBILE YARD CRANE AND FORKLIFT TRUCK ENDS=WITH PREPARATIONS COMPLETE AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					1989	CASE 1=E CONSTANT TIME=MOUNT AND DISMOUNT FORKLIFT TRUCK,OBTAIN AND ASIDE TOOLS,PROCESS DOCUMENTS PER BILL OF LADING,GIVE DOCUMENTS TO DRIVER(922 MEHFP08,U MOMP001,222 SWRDP02,U TPL OPEA)
					10000	2=E CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND TRUCK=PER TRUCK
						A=E VARIABLE TIME=FORKLIFT TRUCK AND CRANE TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENT 922 TEHFTXX
						B=E VARIABLE TIME=ESTIMATE=CRANE SET UP=100,000 TMUS PER OCCURENCE
						C=E VARIABLE TIME=ESTIMATE=WORKERS GET INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE
						D=E VARIABLE TIME=OPEN AND CLOSE WAREHOUSE DOOR=463 TMUS PER OCCURENCE ELEMENT U MOHDR01

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MUL	SR=2	KJPCPXF	CON/VAR	CARRIER(40 FOOT REFRIGERATOR RAIL CAR),PREPARE TO UNLOAD STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A 40 FOOT RAILROAD REFRIGERATOR CAR FOR UNLOADING WITH A FORKLIFT TRUCK ENDS=WITH CAR READY TO UNLOAD
					49678	CASE 1=F CONSTANT TIME=MOUNT AND DISMOUNT FORK LIFT,REMOVE SEAL AND OPEN CAR DOOR, CLIMB ON AND OFF DOCK,REMOVE PACKING LIST FROM CAR WALL,REMOVE SHORING, OPEN AND CLOSE WAREHOUSE DOOR,GET EMPTY PALLETS,VERIFY CAR SEAL NUMBER (922 MEHFP08,929 MJPD012,929 MBMLC01, 929 MBMLC02,929 MNFOR01,929 SRCSR02, 929 SRCSR04,929 MRONV01,922 SRCSD01, 922 SRCSD02,U BBMWU01,U BBMHC01) A=F VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO WORK AREA=COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENT 922 TEHFTXX B=F VARIABLE TIME=WORKERS WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT U BBMWU01 AND U BBMHC01 C=F VARIABLE TIME=GET AND RETURN PALLET DOLLY BY FORKLIFT=COMPUTE TIME FROM ELEMENT 922 SEHDPX1 D=F VARIABLE TIME=ESTIMATE=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE E=F VARIABLE TIME=GET EMPTY PALLETS= TRAVEL TO STACK,PICK UP,RETURN,STACK PALLETS=COMPUTE TIME FROM ELEMENTS 922 TEHFTXX,922 TEHPPXX,922 TEHPSXX= DETERMINE PER PALLET TIME F=F VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO DISPOSE OF SHORING AND RETURN= COMPUTE FOR LOCAL DISTANCE AND FREQUENCY FROM ELEMENT 922 TEHFTXX G=F VARIABLE TIME=OPEN AND CLOSE WAREHOUSE DOOR=463 TMUS PER OCCURENCE= ELEMENT U MOHOR01

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MUL	SS=2	KJPCPXG	CON/VAR	CARRIER(40 FOOT RAIL REFRIGERATED CAR),PREPARE TO LOAD STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A 40 FOOT RAILROAD REFRIGERATED CAR FOR LOADING BY FORKLIFT TRUCK ENDS=WITH CAR SEALED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT CONDITIONS=DOES NOT INCLUDE INSTALLATION OF INTERNAL SHORING
					44210	CASE 1=G CONSTANT TIME=MOUNT AND DISMOUNT FORK LIFT,OPEN CAR DOORS,CLIMB ON AND OFF DOCK,RETURN EMPTY PALLETS TO STORAGE, CLOSE CAR DOORS AND SEAL,ATTACH DOCUMENTS TO INSIDE WALL OF CAR, BLOCK AND BRACE(DOOR SHORING),AND WALKING INCIDENT TO PREPARING CAR (922 MEHFP08,929 MJPDO10(2),929 MBM LC01,929 MJPDC02,929 MNFDA01,929 SSHSI01,929 MJPDC01,U BBMWO01, U BBMHC01,929 MBMLC02,929 MNFSA01)
						A=G VARIABLE TIME=WORKER WALK TO WORK AREA=COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENTS U BBMWU01 AND U BBMHC01
						B=G VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						C=G VARIABLE TIME=ESTIMATE=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE
						D=G VARIABLE TIME=RETURN STACK OF EMPTY PALLETS=COMPUTE FROM ELEMENTS 922 TEH FTXX,922 TEHPPXX,AND 922 TEHPSXX
						E=G VARIABLE TIME=GET AND RETURN PALLET DOLLY=COMPUTE FROM ELEMENT 922 SEH DPX1
						F=G VARIABLE TIME=OPEN AND CLOSE WARE=HOUSE DOOR=463 TMUS PER OCCURENCE= ELEMENT U MOHDR01

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MUL	SR-12	KJPCPXH	CON/VAR	CARRIER(GONDOLA CAR),PREPARE TO UNLOAD WITH FORKLIFT TRUCK
						STARTS-WITH WORKERS RECEIVE INSTRUCTIONS
						INCLUDES-ALL THE TIME NECESSARY TO PREPARE A RAILROAD GONDOLA CAR FOR UNLOADING BY FORKLIFT TRUCK
						ENDS-WITH CAR UNLOADED,WORKERS READY TO MOVE TO NEXT ASSIGNMENT
						CONDITIONS-DOES NOT INCLUDE REMOVAL OF BLOCKING AND BRACING-HEAVY DUTY FORKLIFT WITH SPECIAL LIFTING DEVICE FOR HANDLING CONNEX
					14452	CASE 1-H CONSTANT TIME-MOUNT AND DISMOUNT FORK LIFT TRUCK(4 TIMES),REMOVE PACKING LIST FROM CAR,OBTAIN AND ASIDE TOOLS, OBTAIN,INSTALL AND REMOVE SAFETY FLAGS,CLIMB IN AND OUT OF GONDOLA, DISPOSE OF SHORING,PROCESS DOCUMENTS PER BILL OF LADING,WALKING INCIDENT TO PREPARING CAR(922 MEHFP08,929 MNF DR01,U MOHP001,929 MJPFSXX,U MBMLCXX, 222 SWRDP03,U BBMWU01;U BBMHC01,922 SRCSD01)
					20000	2-H CONSTANT TIME-ESTIMATE-CLEAN UP WORK AREA AND CAR-PER CAR
						A-H VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO WORK AREA-COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 MEHFTXX
						B-H VARIABLE TIME-ESTIMATE WORKERS RECIEVE INSTRUCTIONS-1667 TMUS PER WORK PER OCCURENCE
						C-H VARIABLE TIME-DISPOSE OF SHORING-FORKLIFT TRUCK TRAVEL TO AND FROM SHORING DISPOSAL AREA-COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEH FTXX
						D-H VARIABLE TIME-OPEN AND CLOSE WAREHOUSE DOOR-463 TMUS PER OCCURENCE-ELEMENT U MOHDR01

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SR=4	KJPCPXJ	CON/VAR	CARRIER(RAIL GONDOLA CAR),PREPARE TO UNLOAD WITH CRANE AND FORKLIFT TRUCK STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A RAIL GONDOLA CAR FOR UNLOADING BY CRANE AND FORKLIFT TRUCK ENDS=WITH CAR AND AREA CLEANED,DOCUMENTS PROCESSED CONDITIONS=DOES NOT INCLUDE REMOVAL OF BLOCKING AND BRACING FROM CAR
					11566	CASE 1=J CONSTANT TIME=MOUNT AND DISMOUNT FORKLIFT TRUCK,REMOVE PACKING LIST FROM SIDE OF CAR,OBTAIN TOOLS,OBTAIN, INSTALL,REMOVE AND ASIDE SAFETY FLAGS,CLIMB IN AND OUT OF CAR,DISPOSE OF BLOCKING AND BRACING,DOCUMENT PROCESSING PER BILL OF LADING,WALKING INCIDENT TO PREPARING CAR(922 MEHFP 08,929 MNFORO1,U MOHPOO1,929 MJPFSXX, U MBMLCXX,922 SRCSOO2,222 SWRDP03, U 88MWUO1,U 88MHCO1)
					20000	2=J CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND CAR=PER CAR
						A=J VARIABLE TIME=FORKLIFT TRUCK,CRANE AND CRANE CREW TRAVEL TO WORK AREA=COMPUTE FOR LOCAL TRAVEL DISTANCES AND CREW SIZE FROM ELEMENT 922 TEH FTXX
						B=J VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO AND FROM SHORING/BLOCKING AND BRACING DISPOSAL AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEH FTXX
						C=J VARIABLE TIME=ESTIMATE=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE
						D=J VARIABLE TIME=ESTIMATE=CRANE SET=UP=100,000 TMUS PER OCCURENCE
						E=J VARIABLE TIME=OPEN AND CLOSE WAREHOUSE DOOR=463 TMUS PER OCCURENCE ELEMENT U MOHDRO1

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SS-4/12	KJPCPXK	CON/VAR	CARRIER(RAIL GONDOLA CAR),PREPARE TO LOAD WITH YARD CRANE OR FORKLIFT TRUCK STARTS-WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES-ALL THE TIME NECESSARY TO PREPARE A RAIL GONDOLA CAR FOR LOADING ENDS-WITH CAR LOADED,DOCUMENT PROCESSED CONDITIONS-DOES NOT INCLUDE INSTALLATION OF BLOCKING AND BRACING
					9284	CASE 1-K CONSTANT TIME-LOAD WITH HEAVY DUTY FORKLIFT AND SPECIAL LIFTING DEVICE FOR HANDLING A CONEX-MOUNT AND DISMOUNT FORKLIFT TRUCK,OBTAIN,INSTALL AND REMOVE SAFETY FLAGS,OBTAIN AND ASIDE TOOL AND TOOL CART,CLIMB IN AND OUT OF CAR,PROCESS DOCUMENTS,WALKING INCIDENT TO PREPARING CAR(922 MEHPF08 (4),929 MJPFSXX,U MOHP001,U MBMLCXX, 222 SWRDP02,U BBMWU01,U BBMHC01)
					8023	2-K CONSTANT TIME-PREPARE TO LOAD WITH A CRANE-MOUNT AND DISMOUNT FORKLIFT TRUCK,ATTACH PACKING LIST TO CAR, OBTAIN AND ASIDE TOOLS,OBTAIN,INSTALL AND REMOVE SAFETY FLAGS,CLIMB IN AND OUT OF GONDOLA CAR,DOCUMENT PROCESSING PER BILL OF LADING,WALKING INCIDENT TO PREPARING CAR(922 MEHFP08,929 MNFDA01,U MOHP001,U MBMLCXX,929 MJPFSXX,222 SWRDP02,U BBMWU01,U BBMHC 01,929 MBMLC01,929 MBMLC02)
					20000	3-K CONSTANT TIME-CLEAN UP CAR AND WORK AREA-ESTIMATE-BOTH FORKLIFT OR CRANE LOADING-PER CAR
						A-K VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO WORK AREA AND RETURN-COMPUTE FOR LOCAL DISTANCES FROM ELEMENT 922 TEH FTXX
						B-K VARIABLE TIME-CRANE TRAVEL TO AND FROM WORK AREA(ONE CRANE OPERATOR, FOUR RIGGERS)-COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						C-K VARIABLE TIME-ESTIMATE-WORKERS RECEIVE INSTRUCTIONS-1667 TMUS PER WORKER PER OCCURENCE
						D-K VARIABLE TIME-ESTIMATE-CRANE SET-UP-100,000 TMUS PER OCCURENCE
						E-K VARIABLE TIME-OPEN AND CLOSE WAREHOUSE DOOR-463 TMUS PER OCCURENCE-ELEMENT U MOHDR01

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SR-14	KJPCPXL	CON/VAR	CARRIER(VAN TRUCK/TRAILER),PREPARE TO UNLOAD WITH GRAVITY CONVEYOR,FORKLIFT AND PALLETS STARTS-WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES-ALL THE TIME NECESSARY TO TRAVEL TO WORK AREA,DISPOSE OF BLOCKING AND BRACING,SET UP CONVEYOR,PROCESS DOCUMENTS AND CLEAN UP WORK AREA AND TRUCK ENDS-WITH TRUCK UNLOADED AND CLEANED,WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					10186	CASE 1-L CONSTANT TIME-TAIL GATE DELIVERY-MOUNT AND DISMOUNT FORKLIFT TRUCKS(2) OBTAIN AND RETURN DOCUMENTS,FORKLIFT TRAVEL TO GET CONVEYOR AND RETURN WITH CONVEYOR SECTIONS ON PALLET,DROP PALLETS(2),SET UP CONVEYOR,PROCESS DOCUMENTS PER BILL OF LADING OR PER FREIGHT BILL(922 MEHFP08,U TPLUPEA, 922 TEHFTAC,922 TEHPPAB,922 TEHPSA8, 929 MOHPHHF,929 MOHPHDE,222 SWRDP03
					12713	2-L CONSTANT TIME-DROPPED TRAILER-SAME TIME AS CASE 1-L PLUS VERIFY AND REMOVE SEAL,OPEN AND CLOSE TRAILER DOOR(U TRDSSBA,929 MJPDT02,929 MJP DT03)
					10000	3-L CONSTANT TIME-ESTIMATE-CLEAN UP AREA AND TRUCK-PER TRUCK(DROPPED OR TAIL-GATE)
						A-L VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO WORK AREA-COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						B-L VARIABLE TIME-SORTERS WALK TO WORK AREA-COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01
						C-L VARIABLE TIME-DISPOSE OF SHORING-ELEMENT 922 SRCSD01(3262 TMUS) AND FORKLIFT TRAVEL TO AND FROM DISPOSAL AREA,ELEMENT 922 TEHFTXX-TIME IS PER OCCURENCE
						D-L VARIABLE TIME-MOVE EMPTY PALLETS TO STORAGE-ELEMENT 922 SEHPP01 PLUS FORKLIFT TRAVEL TO PICK UP FIRST STACK,ELEMENT 922 TEHFTXX-PER STACK
						E-L VARIABLE TIME-OPEN AND CLOSE WARE-HOUSE DOOR-463 TMUS PER OCCURENCE ELEMENT U MOHOR01
						F-L VARIABLE TIME-ESTIMATE-WORKERS RECEIVE INSTRUCTIONS-1667 TMUS PER WORKER PER OCCURENCE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SR-5	KJPCPXM	CON/VAR	CARRIER(VAN TRUCK/TRAILER),PREPARE TO UNLOAD WITH FORKLIFT TRUCK STARTS-WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES-ALL THE TIME NECESSARY TO PREPARE A VAN TRUCK/TRAILER FOR UNLOADING WITH A FORK-LIFT TRUCK ENDS-WITH TRUCK UNLOADED,WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					5949	CASE 1-M CONSTANT TIME-TAIL GATE DELIVERY-MOUNT AND DISMOUNT FORKLIFT TRUCK, OBTAIN AND RETURN BILL OF LADING OR FREIGHT BILL,GET AND RETURN DOCK PLATE,PROCESS DOCUMENTS PER BILL OF LADING OR FREIGHT BILL(922 MEHFP08, U TPLOPEA,922 MJPPI01,222 SWRDP03)
					8444	2-M CONSTANT TIME-DROPPED TRAILER-TIME FOR CASE 1-M PLUS REMOVE SEAL AND OPEN TRAILER DOOR,VERIFY SEAL WITH BILL OF LADING,CLOSE TRAILER DOOR (929 MJPDT02,U TRDSSBA,929 MRDNV01, 929 MJPDT03)
					10000	3-M CONSTANT TIME-ESTIMATE-CLEAN UP WORK AREA AND TRUCK-PER TRUCK
						A-M VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO WORK AREA-COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						B-M VARIABLE TIME-OPEN AND CLOSE WARE-HOUSE DOOR-463 TMUS PER OCCURENCE ELEMENTS U MOHDR01
						C-M VARIABLE TIME-WORKERS WALK TO WORK AREA-COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01
						D-M VARIABLE TIME-GET EMPTY PALLETS-PICK UP STACK OF EMPTY PALLETS,DROP STACK AT TRUCK(1789 TMUS)-ELEMENT 922 SEHPP01-PER STACK
						E-M VARIABLE TIME-DISPOSE OF SHORING-PICK UP PALLET OF SHORING AT TRUCK,DROP AT SHORING DISPOSAL AREA(3262 TMUS-ELEMENT 922 SRCSD01)-COMPUTE FORKLIFT TRAVEL TIME TO AND FROM DISPOSAL AREA FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SR-7	KJPCPXN	CON/VAR	CARRIER(VAN TRUCK/TRAILER),PREPARE TO UNLOAD AT CENTRAL RECEIVING STARTS-WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES-ALL THE TIME NECESSARY TO PREPARE A VAN TRUCK/TRAILER FOR UNLOADING AT CENTRAL RECEIVING ENDS-WITH TRUCK UNLOADED,CLEANED
					5316	CASE 1-N CONSTANT TIME-TAIL GATE DELIVERY-MOUNT AND DISMOUNT FORKLIFT TRUCK(TWO TIMES),OBTAIN AND RETURN DOCUMENTS TO DRIVER,GET,INSTALL,REMOVE AND RETURN DOCK PLATE(922 MEHFP08,U TPLOPEA,922 MJPPI01)
					7811	2-N CONSTANT TIME-DROPPED TRAILER-SAME AS CASE 1-N PLUS REMOVE SEAL AND OPEN TRAILER DOOR,VERIFY SEAL WITH BILL OF LADING,CLOSE TRAILER DOOR(929 MJPDT02,929 MRONV01,U TRDSSBA,929 MJPDT03)
					10000	3-N CONSTANT TIME-ESTIMATE-CLEAN UP WORK AREA AND TRUCK(BOTH TAIL GATE AND DROPPED)-PER TRUCK
						A-N VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO WORK AREA-COMPUTE FOR LOCAL DISTANCES AND FREQUENCIES FROM ELEMENT 922 TEHFTXX
						B-N VARIABLE TIME-WORKERS WALK TO WORK AREA-COMPUTE FOR LOCAL DISTANCE,CREW SIZE AND FREQUENCY FROM ELEMENTS U BBMWU01 AND U BBMHC01
						C-N VARIABLE TIME-DISPOSE OF SHORING-COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 SRCSD01-PER OCCURENCE
						D-N VARIABLE TIME-OPEN AND CLOSE WARE-HOUSE DOOR-463 TMUS PER OCCURENCE-ELEMENT U MOHDR01
						E-N VARIABLE TIME-ESTIMATE-WORKERS RECEIVE INSTRUCTIONS-1667 TMUS PER WORKER PER OCCURENCE
						F-N VARIABLE TIME-GET EMPTY PALLET WITH FORKLIFT TRUCK-COMPUTE FROM ELEMENTS 922 TEHPPSS,922 TEHPSXX,922 TEHFTXX

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MUL	SR=16	KJPCPXP	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD BY CRANE TRUCK,WAREHOUSE STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A FLATBED TRUCK TO UNLOAD BY TRUCK CRANE ENDS=WITH TRUCK UNLOADED,DOCUMENTS PROCESSED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					6230	CASE 1=P CONSTANT TIME=MOUNT AND DISMOUNT FORK LIFT TRUCK AND TRUCK CRANE,OBTAIN AND ASIDE TOOLS,OBTAIN,PROCESS AND RETURN BILL OF LADING OR FREIGHT BILL,GET DUNNAGE,OBTAIN AND ASIDE CRANE SLINGS,ATTACH AND REMOVE SLINGS, PROCESS DOCUMENTS PER BILL OF LADING OR FREIGHT BILL(922 MEHFP08,U MOHPO 01,(TWO TIMES),U TPLOPEA,222 SWRDP03, 922 SEHPP01,U MOHP001,921 MMHSP01, 921 MMHSR01)
					10000	2=P CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND TRUCK=PER TRUCK
						A=P VARIABLE TIME=FORKLIFT TRUCK AND TRUCK CRANE TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						B=P VARIABLE TIME=LABORER WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENTS U BBMWU01 AND U BBMHC 01
						C=P VARIABLE TIME=OPEN AND CLOSE WARE=HOUSE DOORS=MULTIPLY BY RATIO OF OPEN AND CLOSE DOORS PER TRUCK PREPARED (U MOHDR01)(463 TMUS PER OCCURENCE)
						D=P VARIABLE TIME=FORKLIFT TRUCK DISPOSE SHORING=PICK UP AT TRUCK,DROP IN DISPOSAL AREA(4112 TMUS=ELEMENT 922 SRCSD02)=PLUS FORKLIFT TRAVEL TO AND FROM DISPOSAL AREA(COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX)=PER OCCURENCE
						E=P VARIABLE TIME=ESTIMATE=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SS=7	KJPCPXQ	CON/VAR	CARRIER(VAN TRUCK/TRAILER),PREPARE TO LOAD AT CENTRAL SHIPPING STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A VAN TRUCK/TRAILER FOR LOADING AT CENTRAL SHIPPING ENDS=WITH TRUCK LOADED,AREA CLEAN AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					5316	CASE 1=Q CONSTANT TIME=TAIL GATE PICKUP=MOUNT AND DISMOUNT FORKLIFT TRUCK(2),GET AND RETURN DOCK PLATE,OBTAIN AND RETURN DOCUMENTS FROM/TO DRIVER(922 MEHFP08,922 MJPPI01,U TPLOPEA)
					7302	2=Q CONSTANT TIME=DROPPED TRUCK/TRAILER PICK UP=TIME FOR CASE 1=Q PLUS OPEN AND CLOSE TRAILER DOORS(929 MJPDT02 AND MJPDT01)
					2000	3=Q CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND TRUCK=PER TRUCK
						A=Q VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						B=Q VARIABLE TIME=WORKERS WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01
						C=Q VARIABLE TIME=OPEN AND CLOSE WARE=HOUSE DOOR=463 TMUS PER OCCURENCE
						D=Q VARIABLE TIME=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE
DL	929	EUL	SS=17	KJPCPXR	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO LOAD VEHICLE BY YARD CRANE STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PROCESS A FLATCAR FOR LOADING WHEELED OR TRACKED VEHICLES USING A TOW TRUCK AND CRANE ENDS=WITH CAR LOADED,CAR AND AREA CLEANED,BILL OF LADING PROCESSED,CRANE SET UP AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					6250	CASE 1=R CONSTANT TIME=MOUNT AND DISMOUNT FORK LIFT TRUCK,OBTAIN,INSTALL,REMOVE AND ASIDE SAFETY FLAGS,PROCESS DOCUMENTS, WALKING INCIDENT TO PREPARING THE CAR (922 MEHFP08,929 MJPFSXX,222 SWRDP02, U BBMWU01 AND U BBMHC01)
					20000	2=R CONSTANT TIME=ESTIMATE=CLEAN UP CAR AND WORK AREA=TIME IS PER CAR UN=LOADED
						A=R VARIABLE TIME=OBTAIN BLOCKING,BRACING AND TIE DOWNS=DETERMINE TIME FROM ELEMENT 929 SJP80X1
						B=R VARIABLE TIME=FORKLIFT TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						C=R VARIABLE TIME=WORKERS WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01
						D=R VARIABLE TIME=WORKERS RECEIVE INSTRUCTION=1667 TMUS PER WORKER PER OCCURENCE
						E=R VARIABLE TIME=CRANE SET UP=ESTIMATE=100,000 TMUS PER OCCURENCE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SR=3	KJPCPXS	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO UNLOAD WITH CRANE
						STARTS=WITH WORKERS RECEIVING INSTRUCTIONS
						INCLUDES=ALL THE TIME NECESSARY TO PREPARE A FLATCAR FOR UNLOADING MATERIAL WITH A CRANE
						ENDS=WITH BILL OF LADING PROCESSED,CAR UNLOADED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
						CONDITIONS=CONSTANT TIME CASE 1=S IS BASED ON GETTING,INSTALLING,REMOVING, AND PUTTING AWAY SAFETY FLAGS ONE TIME PER THREE CARS UNLOADED=DOES NOT INCLUDE REMOVING BLOCKING AND BRACING
					8696	CASE 1=S CONSTANT TIME=MOUNT AND DISMOUNT FORK LIFT TRUCK,REMOVE PACKING LIST FROM CAR,OBTAIN AND ASIDE TOOLS,OBTAIN, ATTACH,REMOVE AND PUT AWAY SAFETY FLAGS,DISPOSE OF BLOCKING AND BRACING,PROCESS DOCUMENTS PER BILL OF LADING,WALKING INCIDENT TO PREPARING CAR(922 MEHFP08,929 MNFDR01,U MOHPO 01,929 MJPFSXX,922 SRCSD02,222 SWRD P03,U 88MWU01,U 88MHC01)
					20000	2=S CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND CAR=PER CAR
						A=S VARIABLE TIME=FORKLIFT TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX AND APPLY RATIO OF TRIPS PER CAR UNLOADED
						B=S VARIABLE TIME=CRANE CREW TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENT 922 TEH FTXX
						C=S VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO AND FROM SHORING DISPOSAL=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT TEH FTXX=PER TRIP
						D=S VARIABLE TIME=ESTIMATE=CRANE SET UP=100,000 TMUS PER OCCURENCE
						E=S VARIABLE TIME=ESTIMATE=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE
						F=S VARIABLE TIME=OPEN AND CLOSE WARE=HOUSE DOOR=463 TMUS PER OCCURENCE ELEMENT U MOHDR01

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SR=17	KJPCPXT	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO UNLOAD VEHICLES WITH YARD CRANE=TOW AWAY STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A RAILROAD FLATCAR FOR UNLOADING WHEELED OR TRACKED VEHICLES USING A CRANE AND TOW AWAY WITH A TOW VEHICLE ENDS=WITH CAR UNLOADED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT CONDITIONS=DOES NOT INCLUDE TIME TO REMOVE BLOCKING,BRACING AND TIE DOWNS FROM CAR
					7216	CASE 1=T CONSTANT TIME=MOUNT AND DISMOUNT FORKLIFT TRUCK(2),OBTAIN AND ASIDE TOOLS,REMOVE PACKING LIST FROM SIDE OF CARRIER,OBTAIN,ATTACH,REMOVE AND PUT AWAY SAFETY FLAGS,PROCESS DOCUMENTS PER BILL OF LADING,WALKING INCIDENT TO PREPARING CAR(922 MEH FP08,U MOHP001,929 MNFDR01,929 MJP FSXX,222 SWRDP03,U 88MWU01,U 88MHC01)
					20000	2=T CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND CAR=PER CAR
						A=T VARIABLE TIME=FORKLIFT TRUCK AND CRANE TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCES FROM ELEMENT 922 TEH FTXX
						B=T VARIABLE TIME=WORKERS WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U 88MWU01 AND U 88MHC01
						C=T VARIABLE TIME=ESTIMATE=CRANE SET UP=100,000 TMUS PER OCCURENCE
						D=T VARIABLE TIME=ESTIMATE=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
OL	929	EUL	SR-11	KJPCPXU	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE FOR UNLOADING-TOW VEHICLE FROM CAR
						STARTS-WITH WORKERS RECEIVING INSTRUCTIONS
						INCLUDES-ALL THE TIME NECESSARY TO PREPARE A RAILROAD FLATCAR FOR UNLOADING A WHEELED OR TRACKED VEHICLE USING A TOW VEHICLE
						ENDS-WITH CAR UNLOADED,DOCUMENTS PROCESSED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
						CONDITIONS-DOES NOT INCLUDE REMOVAL OF BLOCKING,BRACING OR TIE WIRES FROM CAR
					7798	CASE 1-U CONSTANT TIME-MOUNT AND DISMOUNT FORKLIFT TRUCK(TWO TIMES)AND TOW VEHICLE,DISPOSE OF BLOCKING AND BRACING AND TIE WIRES,OBTAIN AND ASIDE TOOLS,OBTAIN,ATTACH,REMOVE AND ASIDE SAFETY FLAGS,PROCESS DOCUMENTS PER BILL OF LADING,WALKING INCIDENT TO PREPARING CAR(922 MEHFP08,922 SRCSD02,U MOHP001,929 MJPFSXX,222 SWRDP03,U BBMW001,U BBMHC01)
					20000	2-U CONSTANT TIME-ESTIMATE-CLEAN UP CAR AND WORK AREA-TIME IS PER CAR
						A-U VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO WORK AREA-COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENT 922 TEH FTXX
						8-U VARIABLE TIME-WORKERS WALK TO WORK AREA-COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENTS U BBMWU01 AND U BBMHC01
						C-U VARIABLE TIME-TOW VEHICLE TRAVEL TO WORK AREA AND RETURN-COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENT 922 MEHVTXX
						D-U VARIABLE TIME-ESTIMATE-WORKERS RECEIVE INSTRUCTIONS-1667 TMUS PER WORKER PER OCCURENCE
						E-U VARIABLE TIME-FORKLIFT TRAVEL TO AND FROM SHORING DISPOSAL AREA-COMPUTE FOR LOCAL DISTANCE AND FREQUENCY FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SR=10	KJPCPXV	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO UNLOAD WITH FORKLIFT TRUCK
						STARTS=WITH WORKERS RECIEVING INSTRUCTIONS
						INCLUDES=ALL THE TIME NECESSARY TO PREPARE A RAILROAD FLATCAR FOR UNLOADING WITH A FORK-LIFT TRUCK
						ENDS=WITH CAR UNLOADED,CLEANED,DOCUMENTS PROCESSED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
						CONDITIONS=DOES NOT INCLUDE REMOVAL OF BLOCKS, BRACES AND TIE DOWNS FROM CAR
					13834	CASE 1=V CONSTANT TIME=MOUNT AND DISMOUNT FORKLIFT TRUCKS(2),REMOVE PACKING LIST FROM CARRIER,OBTAIN AND ASIDE TOOLS,OBTAIN,ATTACH,REMOVE AND ASIDE SAFETY FLAGS,GET,INSTALL,REMOVE AND ASIDE DOCK PLATE,DISPOSE OF BLOCKING AND BRACING,PROCESS DOCUMENTS PER BILL OF LADING,WALKING INCIDENT TO PREPARING CAR(922 MEHFP08,929 MNFDR 01,U MOHP001,929 MJPFSXX,922 MJPPI 01,922 SRCSD02,222 SWRDP03,U 88MWU01, U 88MHC01)
					20000	2=V CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND CAR=PER CAR
						A=V VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						B=V VARIABLE TIME=WORKERS WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U 88MWU01 AND U 88MHC01
						C=V VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO SHORING DISPOSAL AREA AND RETURN=COMPUTE FROM ELEMENT 922 TEHFTXX=PER OCCURENCE
						D=V VARIABLE TIME=OPEN AND CLOSE WARE-HOUSE DOOR=463 TMU PER OCCURENCE ELEMENT U MOHDR01
						E=V VARIABLE TIME=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER=PER OCCURENCE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SS-5	KJPCPXW	CON/VAR	CARRIER(VAN TRUCK/TRAILER),PREPARE TO LOAD BY FORKLIFT TRUCK STARTS-WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES-ALL THE TIME NECESSARY TO PROCESS A VAN TRUCK/TRAILER FOR LOADING WITH A FORKLIFT TRUCK ENDS-WITH TRUCK DOORS SEALED,DOCUMENTS PROCESSED AND RETURNED TO DRIVER
					5729	CASE 1-W CONSTANT TIME-(TAIL GATE PICK UP)-MOUNT AND DISMOUNT FORKLIFT TRUCK,GET AND RETURN DOCK PLATE,READ AND ANNOTATE SEAL NUMBER ON BILL OF LADING,ATTACH DOOR SEALS,PROCESS DOCUMENTS PER BILL OF LADING AND RETURN TO DRIVER(922 MEHFP08,922 MJPPI01,U TWRNCBG,929 MNFSA01,222 SWROP02,U TPLOPEA)
					6763	2-W CONSTANT TIME-(DROPPED VAN TRUCK/TRAILER)-SAME ELEMENTS AS CASE 1-W PLUS CLOSE TRAILER DOOR(929 MJPDT03)
					10000	3-W CONSTANT TIME-ESTIMATE-TAIL GATE AND DROPPED TRUCK/TRAILER PICK UP-CLEAN UP TRUCK AND WORK AREA-TIME IS PER TRUCK
						A-W VARIABLE TIME-FORKLIFT TRUCK TRAVEL TO WORK AREA-COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENT 922 TEHFTXX(TAIL GATE AND DROPPED)
						B-W VARIABLE TIME-WORKER WALK TO WORK AREA-COMPUTE FOR LOCAL DISTANCE FROM ELEMENTS U BBMWU01 AND U BBMHC01
						C-W VARIABLE TIME-ESTIMATE-WORKERS RECEIVE INSTRUCTIONS-1667 TMUS PER WORKER PER OCCURENCE
						D-W VARIABLE TIME-OPEN AND CLOSE WARE-HOUSE DOOR-463 TMUS PER OCCURENCE-ELEMENT U MOHDR01
DL	929	EUL	SS-19	KJPCPX1	CON/VAR	CARRIER(BI-LEVEL,TRI-LEVEL,AND TTX CAR), PREPARE TO LOAD WHEELED VEHICLES STARTS-WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES-ALL THE TIME NECESSARY TO PERFORM ALL THE OPERATIONS REQUIRED TO PREPARE A BI-LEVEL, TRI-LEVEL OR TTX RAILROAD CAR FOR LOADING ENDS-WITH CAR LOADED,AREA CLEANED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					11549	CASE 1-1 CONSTANT TIME-MOUNT AND DISMOUNT TOW VEHICLE,OBTAIN AND ASIDE TOOLS, OBTAIN,INSTALL,REMOVE AND PUT AWAY SAFETY FLAGS,GET AND RETURN CAR PLATE,LOWER AND RAISE CROSSOVER PLATE(ATTACHED TO CAR),CLIMB UP AND DOWN SECOND LEVEL OF CAR,PROCESS DOCUMENTS PER BILL OF LADING,WALKING INCIDENT TO PREPARING THE CAR(922 MEHFP08(2),U MOHP001(2),929 MJPFSXX, 922 MJPPI01,U MOHP002(4),U MBMLCXX, 222 SWROP02,U BBMWU01,U BBMHC01)
					20000	2-1 CONSTANT TIME-ESTIMATE-CLEAN UP WORK AREA AND CAR-PER CAR
						A-1 VARIABLE TIME-TOW VEHICLE TRAVEL TO WORK AREA-COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 MEHVTXX
						B-1 VARIABLE TIME-WORKERS WALK TO WORK AREA-COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01
						C-1 VARIABLE TIME-ESTIMATE-WORKERS RECIEVE INSTRUCTIONS-1667 TMUS PER WORKER PER OCCURENCE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SR=1	KJPCPX2	CON/VAR	CARRIER(RAILROAD BOXCAR),PREPARE TO UNLOAD BY FORKLIFT TRUCK STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A RAILROAD BOXCAR FOR UNLOADING ENDS=WITH CAR UNLOADED,AREA AND CAR CLEANED, WORKERS READY TO MOVE TO NEXT ASSIGNMENT CONDITIONS=CARS SPOTTED AT WAREHOUSE OR OTHER SIMILAR LOADING DOCK
					49949	CASE 1=2 CONSTANT TIME=REMOVE CAR DOOR SEAL, OPEN DOOR,CLIMB ON AND OFF LOADING DOCK,REMOVE PACKING LIST FROM CAR, REMOVE AND DISPOSE OF SHORING,VERIFY CAR SEAL NUMBER,INSTALL,REMOVE AND ASIDE DOOR PLATE,OBTAIN AND ASIDE TOOLS,OBTAIN,INSTALL,REMOVE AND ASIDE SAFETY FLAGS,PROCESS BILL OF LADING, WALKING INCIDENT TO PREPARING CAR, MOUNT AND DISMOUNT FORKLIFT TRUCKS(2) (929 MJPD012,929 MBMLC01,929 MBMLC02, 929 MNFDR01,922 SRCSD01,922 SRCDS02 U TGTOGEA,U TRONRAG,922 MJPPI01,929 MJPFSXX,U MOHP001,222 SWRDP03,U BBM W001,U BBMHC01,922 MEHFP08,922 SRC SR01,922 SRCSR02
					20000	2=2 CONSTANT TIME=CLEAN UP CAR AND WORK AREA=ESTIMATE PER CAR A=2 VARIABLE TIME=WORKERS WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01 B=2 VARIABLE TIME=FORKLIFT TRAVEL TO WORK AREA=COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX C=2 VARIABLE TIME=WORKERS RECEIVE INSTRUCTIONS=ESTIMATE 1667 TMUS PER WORKER=PER OCCURENCE D=2 VARIABLE TIME=GET EMPTY PALLETS= COMPUTE FROM ELEMENTS 922 TEHPPXX,922 TEHPSXX,922 TEHFTXX FOR NUMBER OF STACKS MOVED AND NUMBER OF PALLETS PER STACK E=2 VARIABLE TIME=OPEN AND CLOSE WARE= HOUSE DOORS=463 TMUS PER OCCURENCE= ELEMENT U MOHDR01 F=2 VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO AND FROM SHORING DISPOSAL AREA= COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX=TIME IS PER OCCURENCE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	FUL	SR=15	KJPCPX3	CON/VAR	CARRIER(RAIL BOXCAR),PREPARE TO UNLOAD BY GRAVITY CONVEYOR,FORKLIFT AND PALLETS STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PERFORM ALL THE OPERATIONS REQUIRED TO PREPARE A RAILROAD BOXCAR FOR UNLOADING BY A GRAVITY CONVEYOR ENDS=WITH CAR UNLOADED,CLEANED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					57622	CASE 1=3 CONSTANT TIME=MOUNT AND DISMOUNT FORK LIFT,REMOVE SEAL AND OPEN CAR DOOR, CLIMB ON AND OFF DOCK,REMOVE PACKING LIST FROM CARRIER,REMOVE AND DISPOSE OF SHORING,MOVE EMPTY PALLET INTO(4) CAR,VERIFY CAR SEAL NUMBER,OBTAIN AND ASIDE TOOLS,OBTAIN,INSTALL,REMOVE AND ASIDE SAFETY FLAGS,FORKLIFT PICK UP, SET DOWN PALLET OF CONVEYOR(2 TIMES), SET UP AND REMOVE CONVEYOR,PROCESS BILL OF LADING,WALKING INCIDENT TO PREPARING THE CAR(922 MEHFP08,929 MJP D012,929 MBMLC01,MBMLC02,929 MNFDR01, 929 SRCSR01,929 SRCSR04,922 SRCSD01, 929 SRCSD02,929 MRDNV01,U MOHP001,929 MJPFSXX,922 TEHPPA8,922 TEHPSA8,922 TEHFTXX,929 TOHPHE8(8 TIMES),929 TOH PHDE(8 TIMES),222 SWRDP03,U B8MWU01, U B8MHC01)
					20000	2=3 CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND CAR=PER CAR
						A=3 VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						B=3 VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO SHORING DISPOSAL AREA AND RETURN= COMPUTE FOR LOCAL DISTANCE AND FOR FREQUENCY FROM ELEMENT 922 TEHFTXX
						C=3 VARIABLE TIME=WORKERS WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U B8MWU01 AND U B8MHC01
						D=3 VARIABLE TIME=OPEN AND CLOSE WARE= HOUSE DOOR=463 TMUS PER OCCURENCE ELEMENT U MOHDR01
						E=3 VARIABLE TIME=ESTIMATE=WORKERS RECEIVE INSTRUCTIONS=1667 TMU PER WORKER PER OCCURENCE
						F=3 VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO GET AND RETURN CONVEYOR SECTIONS= COMPUTE FOR LOCAL DISTANCE AND FOR OCCURENCES FROM ELEMENT 922 TEHFTXX

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SR=19	KJPCPX4	CON/VAR	CARRIER(BI=LEVEL,TRI=LEVEL,TTX RAIL CAR), PREPARE FOR UNLOADING VEHICLES STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PERFORM ALL THE OPERATIONS NECESSARY TO PREPARE A SPECIAL (BI=LEVEL,TRI=LEVEL, OR TTX)CAR FOR UNLOADING WHEELED VEHICLES ENDS=WITH CAR AND AREA CLEANED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					12053	CASE 1=4 CONSTANT TIME=MOUNT AND DISMOUNT TOW VEHICLE,OBTAIN AND ASIDE TOOLS,OBTAIN INSTALL,REMOVE AND ASIDE SAFETY FLAGS,GET,PLACE,REMOVE AND ASIDE DOCK PLATE,LOWER AND RAISE CROSS OVER PLATE ATTACHED TO CAR,REMOVE PACKING LIST FROM CAR,PROCESS BILL OF LADING, CLIMB UP AND DOWN SECOND LEVEL OF CAR AND WALK INCIDENT TO PREPARING CAR (922 MEHFP08,U MOHP001,929 MJPFSXX, 922 MJPPI01,U MOHP002,929 MNFDR01,222 SWRDP03,U MBMLCXX,U BBMWU01 AND U BBM HC01)
					20000	2=4 CONSTANT TIME=CLEAN UP WORK AREA AND CAR=ESTIMATE=PER CAR
						A=4 VARIABLE TIME=WORKERS WALK TO WORK AREA=COMPUTE WALKING TIME FOR LOCAL DISTANCE AND CREW SIZE FROM(ELEMENT U BBMWU01 AND U BBMHC01)
						B=4 VARIABLE TIME=TOW VEHICLE TRAVEL TO WORK AREA=COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM 922 MEHVTXX
						C=4 VARIABLE TIME=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE
DL	929	MUL	SS=10	KJPCPX5	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO LOAD WITH FORKLIFT=UNIT LOADS STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PERFORM ALL THE OPERATIONS REQUIRED TO PREPARE A RAILROAD FLATCAR FOR LOADING AT A WAREHOUSE DOCK WITH A FORKLIFT TRUCK ENDS=WITH CREW READY TO MOVE TO NEXT ASSIGNMENT CONDITIONS=DOES NOT INCLUDE BLOCKING,BRACING AND BANDING LOAD ON CAR
					9277	CASE 1=5 CONSTANT TIME=MOUNT AND DISMOUNT FORK LIFT TRUCK,OBTAIN AND ASIDE TOOLS, OBTAIN,INSTALL,REMOVE AND ASIDE SAFETY FLAGS,SET AND RETURN DOCK PLATE,PROCESS DOCUMENT PER BILL OF LADING,WALKING INCIDENT TO PREPARING CAR FOR LOADING(922 MEHFP08(2),U MOHP001(2),929 MJPFSXX,922 MJPPI01, 222 SWRDP02,U BBMWU01,U BBMHC01)
					20000	2=5 CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND CAR=PER CAR
						A=5 VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						B=5 VARIABLE TIME=WORKERS WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCES AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01
						C=5 VARIABLE TIME=OPEN AND CLOSE WARE-HOUSE DOOR=463 TMUS PER OCCURENCE=ELEMENT U MOHDR01
						D=5 VARIABLE=TIME=ESTIMATE=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SS=11	KJPCPX6	CON/VAR	CARRIER(RAIL FLATCAR),PREPARE TO LOAD TOWED VEHICLE ONTO CAR STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PERFORM ALL THE OPERATIONS REQUIRED TO PREPARE A RAIL FLAT CAR FOR LOADING A TOW ON VEHICLE,PROCESS BILL OF LADING ENDS=WITH CAR LOADED,CAR AND AREA CLEAN AND WORKERS PROCEEDING TO NEXT ASSIGNMENT OR OFFICE
					6927	CASE 1=6 CONSTANT TIME=MOUNT AND DISMOUNT FORKLIFT(TWO TIMES),MOUNT AND DISMOUNT TOW VEHICLE,GET AND ASIDE CUTTER TWISTING TOOL(TWO TIMES),GET AND ASIDE HAMMER,OBTAIN,INSTALL,REMOVE AND ASIDE SAFETY FLAGS,OBTAIN AND ASIDE REEL OF WIRE ON A CART(TWO TIMES)PROCESS DOCUMENTS PER BILL OF LADING,WALKING INCIDENT TO PREPARING CAR FOR LOADING(922 MEHFP08,929 MJPFSXX,U 88MAC01,U TPLOGEB,U TELWFAA, U 8ELRG01,U MOHP001,222 SWRDP02, U 88MWU01)
					20000	2=6 CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND CAR=PER CAR
						A=6 VARIABLE TIME=WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW FROM ELEMENT U 88MWU01,U 88MHC01
						B=6 VARIABLE TIME=FORKLIFT TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						C=6 VARIABLE TIME=ESTIMATE=WORKERS GET INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE
						D=6 VARIABLE TIME=TOW VEHICLE TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 MEHVTXX
						E=6 VARIABLE TIME=OBTAIN BLOCKS,BRACES AND TIE DOWNS=COMPUTE FROM ELEMENT 929 SJPBOX1
						F=6 VARIABLE TIME=OPEN AND CLOSE WAREHOUSE DOOR=463 TMUS PER OCCURENCE=ELEMENT U MOHDR01

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SS=1	KJPCPX7	CON/VAR	CARRIER(RAIL BOXCAR),PREPARE TO LOAD BY FORKLIFT TRUCK STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO TRAVEL TO THE CAR,OPEN AND CLOSE AND SECURE DOORS,GET AND RETURN DOOR PLATE,ATTACH AND REMOVE SAFETY FLAGS,BLOCK AND BRACE DOOR SHORING,CLEAN UP CAR AND AREA,DOCUMENT PROCESSING PER BILL OF LADING,SEAL CAR DOORS ENDS=WITH CAR AND WAREHOUSE SECURED CONDITIONS=DOES NOT INCLUDE INSTALLATION OF INTERNAL SHORING
					52313	CASE 1=7 CONSTANT TIME=MOUNT AND DISMOUNT FORK LIFT TRUCK,OPEN AND CLOSE CAR DOORS, CLIMB ON AND OFF DOCK,GET AND RETURN DOCK PLATE,BLOCK,AND BRACE DOOR,GET AND ASIDE TOOLS AND SAFETY FLAGS, INSTALL AND REMOVE FLAGS,PROCESS DOCUMENTS PER BILL OF LADING,ATTACH DOCUMENTS TO RAILCAR,WALKING INCIDENT TO PREPARING CAR FOR LOADING(922 MEM FP08,929 MJPD001,929 MJPDU01,929 MBM LC01,929 MBMLC02,922 MJPPI01,929 SSM SI01,929 MNFSA01,929 MJPDC02,929 MJP DC01,U MOHP001,929 MJPFSXX,222 SWRDP 02,929 MNFDA01,U BBMWU01,U BBMHC01)
					20000	2=7 CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND CAR=PER CAR
						A=7 VARIABLE TIME=FORKLIFT TRAVEL TO WORK AREA=COMPUTE TRAVEL TIME FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						B=7 VARIABLE TIME=WORKERS WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01
						C=7 VARIABLE TIME=OPEN AND CLOSE WARE=HOUSE DOOR=463 TMUS PER OCCURENCE=ELEMENT U MOHDR01
						D=7 VARIABLE TIME=ESTIMATE=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	EUL	SR=8	KJPCPX8	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD WITH YARD CRANE STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A FLATBED TRUCK FOR UNLOADING BY MOBILE CRANE ENDS=WITH TRUCK UNLOADED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					4323	CASE 1=8 CONSTANT TIME=OBTAIN AND ASIDE TOOLS, PICK UP AND SET DOWN PALLET OF SHORING,GET AND RETURN DOCUMENTS TO DRIVER,WALKING INCIDENT TO PREPARING TRUCK FOR UNLOADING(U MOHP001,922 SRC SD02,U TPLOPEA,U 88MWU01,U 88MHC01)
					10000	2=8 CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND TRUCK=PER TRUCK
						A=8 VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						B=8 VARIABLE TIME=CRANE CREW TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENT 922 TEH FTXX
						C=8 VARIABLE TIME=OPEN AND CLOSE WARE=HOUSE DOOR=463 TMUS PER OCCURENCE ELEMENT U MOHDR01
						D=8 VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO AND FROM SHORING DISPOSAL AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						E=8 VARIABLE TIME=ESTIMATE=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE
DL	929	EUL	SR=9	KJPCPX9	CON/VAR	CARRIER(FLATBED TRUCK),PREPARE TO UNLOAD WITH TOW VEHICLE STARTS=WITH WORKERS RECEIVING INSTRUCTIONS INCLUDES=ALL THE TIME NECESSARY TO PREPARE A FLATBED TRUCK FOR UNLOADING WITH A TOW VEHICLE ENDS=WITH TRUCK UNLOADED AND WORKERS READY TO MOVE TO NEXT ASSIGNMENT
					9335	CASE 1=9 CONSTANT TIME=MOUNT AND DISMOUNT FORKLIFT TRUCK AND TOW VEHICLE,OBTAIN AND ASIDE TOOLS,OBTIAN AND RETURN DOCUMENTS FROM/TO DRIVER,GET AND RETURN DOCK PLATE,PROCESS DOCUMENTS PER BILL OF LADING OR FREIGHT BILL, WALKING INCIDENT TO PREPARING TRUCK FOR UNLOADING(922 MEHFP08(3),U MOH P001,U TPLOPEA,922 MJPP101,222 SWR DP03,U 88MWU01,U 88MHC01
					10000	2=9 CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND TRUCK=PER TRUCK
						A=9 VARIABLE TIME=FORKLIFT TRUCK TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 TEHFTXX
						B=9 VARIABLE TIME=TOW VEHICLE TRAVEL TO WORK AREA=COMPUTE FOR LOCAL DISTANCE FROM ELEMENT 922 MEHVTXX
						C=9 VARIABLE TIME=WORKERS WALK TO WORK AREA=COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U 88MWU01 AND U 88MHC01
						D=9 VARIABLE TIME=ESTIMATE=WORKERS RECEIVE INSTRUCTIONS=1667 TMUS PER WORKER PER OCCURENCE
						E=9 VARIABLE TIME=OPEN AND CLOSE WARE=HOUSE DOOR=463 TMUS PER OCCURENCE=ELEMENT U MOHDR01

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	EMVL	KJPCP01	8628	CARRIER(VAN TRUCK),PREPARE FOR LOADING AMMUNITION STARTS=WITH THE WALK TO THE TRUCK INCLUDES=ALL THE TIME NECESSARY TO OPEN AND CLOSE TRUCK,APPLY SEAL AND RECORD NUMBERS, TAPE PLACARDS TO TRUCK,AND THE NORMAL,WALKING REQUIRED TO ACCOMPLISH THE TRUCK SET UP ENDS=WITH WALK AWAY FROM TRUCK
DL	929	MAL	EMIM	KJPISXX	VARIABLE	IGLOO/MAGAZINE,SET UP AND SECURE STARTS=WITH WALK TO SAFETY FLAGS INCLUDES=ALL THE TIME NECESSARY TO OBTAIN,SET UP AND REMOVE FLAGS,UNLOCK,OPEN,CLOSE AND LOCK DOORS(PADLOCK),OBTAIN,POSITION AND REMOVE DOOR PLATE ENDS=WITH IGLOO/MAGAZINE SECURED CONDITIONS=DOES NOT INCLUDE WALK TO AND FROM IGLOO/MAGAZINE=DOES INCLUDE ALL WALKING INCIDENT TO SET UP AND SECURE=FLAGS IN HOLDER AT BUILDING
					3969	CASE 01 IGLOO
					4472	02 MAGAZINE
DL	929	FAL	SL=6/11	KJPLCX1	CON/VAR	LOADING SPOT,CLEAN AFTER LOADING STARTS=WITH CREW DISMOUNT FROM AIRCRAFT INCLUDES=ALL THE MOTIONS NECESSARY TO DISMOUNT FROM AIRCRAFT,CLEAN UP LOADING AREA,WALK TO LIGHTING UNIT AND CARGO TUG(LIGHTING),TURN OFF LIGHTS,MOUNT TUG,PICK UP STACK OF EMPTY TRAILERS,DROP TRAILERS IN STORAGE AREA,CREW WALK TO CREW AREA,OBTAIN LOADMASTER,S/PILOT,S SIGNATURE,DELIVER LOAD BREAKDOWN TO OFFICE ENDS=WITH LOAD BREAKDOWN DELIVERED TO OFFICE
					917	1=1 CONSTANT TIME=COMPLETE BILL OF LOADING PER AIRCRAFT LOADED(222 SWRDP02) A=1 VARIABLE TIME=DISMOUNT FROM AIRCRAFT,CLEAN UP LOADING AREA,WALK TO LIGHTING UNIT AND TUG,TURN OFF LIGHTING,WALK TO CARGO TUG, MOUNT AND DISMOUNT TUGS(922 SJP SCX1) B=1 VARIABLE TIME=PICK UP EMPTY TRAILER STACK,DROP STACK IN PSAC=908 TMUS=TIMES NUMBER TRIPS REQUIRED PER AIRCRAFT LOADED) C=1 VARIABLE TIME=DELIVER LOAD BREAKDOWN TO OFFICE(WALK)(COMPUTE FROM ELEMENTS U 88MWU01 AND U 88MHC01 FOR DISTANCE WALKED)
DL	929	MAL	KJPPPX1	KJPPPX1	CON/VAR	PALLET/UNIT LOAD(AMMO),PREPARE TO LOAD STARTS=WITH LOAD IN WORK AREA INCLUDES=ALL THE MOTIONS NECESSARY TO PAINT OUT OLD MARKINGS,APPLY LABELS,CUT AND APPLY STENCIL ENDS=WITH PALLET/UNIT LOAD READY FOR LOADING CASE A=1 VARIABLE TIME=PAINT OUT OLD MARKINGS (920 SPAMPX1=MULTIPLY BY NUMBER OF MARKINGS OBLITERIZED PER PALLET/UNIT LOAD) B=1 VARIABLE TIME=APPLY LABELS(920 MIDLA01,MIDLA02)=MULTIPLY BY NUMBER OF LABELS APPLIED PER PALLET/UNIT LOAD C=1 VARIABLE TIME=CUT AND APPLY STENCILS=(920 SIOSCX1)MULTIPLY BY NUMBER OF STENCILS APPLIED PER PALLET/UNIT LOAD D=1 CONSTANT TIME=INSPECT PALLET/UNIT LOAD FOR LOADING(INSPECTION TIME IS LIMITED OUT BY WALKING AROUND PALLET=COMPUTE TIME FROM ELEMENTS U 88MW001 AND U 88MHC01 FOR ONE PALLET)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	929	MAL	NXJSJXX	KJPTPXX	VARIABLE	TRAILER,PREPARE AND SECURE FOR LOADING OR UNLOADING(INCLUDES SET UP AND SECURE BUILDING AND MATERIAL HANDLING EQUIPMENT) STARTS-WITH UNLOCK BUILDING INCLUDES-ALL THE TIME NECESSARY TO OPEN AND CLOSE AND LOCK ONE OR TWO SETS DOUBLE DOORS, INSTALL AND REMOVE A STEEL DOOR PLATE WITH A FORKLIFT WHEN REQUIRED OR MANUALLY WHEN REQUIRED,SET UP AND SECURE THE REQUIRED MATERIAL HANDLING EQUIPMENT ENDS-WITH EQUIPMENT SECURED,WORKERS READY TO LEAVE WORKSITE CONDITIONS-TO DETERMINE ELAPSED TIME DIVIDE TIME FOR EACH CASE BY CREW SIZE FOR THAT CASE
					6350	CASE 01 STAKE TRAILER-TWO MAN CREW-ELECTRIC FORKLIFT AND TRANSPORTER-NO DOCK PLATE REQUIRED-PALLETIZED UNITS
					7792	02 STAKE TRAILER-THREE MAN CREW-ELECTRIC FORKLIFT AND TRANSPORTER-NO DOCK PLATE REQUIRED-PALLETIZED UNITS
					9764	03 VAN TRAILER-TWO MAN CREW-ELECTRIC FORK LIFT AND TRANSPORTER-MANUALLY INSTALL AND REMOVE DOCK PLATE-PALLETIZED UNIT
					9216	04 VAN TRAILER-THREE MAN CREW-ELECTRIC FORKLIFT AND TRANSPORTER-MANUALLY INSTALL AND REMOVE DOCK PLATE-PALLETIZED UNITS
					5620	05 STAKE TRAILER-TWO MAN CREW-ELECTRIC FORKLIFT-MANUALLY INSTALL AND REMOVE DOOR PLATE-GROUND LEVEL MAGAZINE-PALLETIZED UNITS-ONE SET DOORS
					4168	06 STAKE TRAILER-THREE MAN CREW-ELECTRIC FORKLIFT-MANUALLY INSTALL AND REMOVE DOOR PLATE-GROUND LEVEL MAGAZINE-PALLETIZED UNITS-ONE SET DOORS
					13668	07 VAN TRAILER-TWO MAN CREW-ELECTRIC FORK LIFT AND TRANSPORTER-MANUALLY INSTALL AND REMOVE DOOR PLATE-GROUND LEVEL MAGAZINE-PALLETIZED UNITS-ONE SET DOORS
					14310	08 VAN TRAILER THREE MAN CREW-ELECTRIC FORKLIFT AND TRANSPORTER-PLACE AND REMOVE TRANSPORTER IN VAN OR RUN-THRU-MANUALLY INSTALL AND REMOVE DOOR PLATE AT GROUND LEVEL MAGAZINE-PALLETIZED UNITS-OPEN AND CLOSE ONE SET DOORS
					9456	09 VAN TRAILER-TWO MAN CREW-TWO WHEEL HAND TRUCK-MANUALLY INSTALL AND REMOVE DOCK PLATE-LOOSE BOXES
					10359	10 VAN TRAILER-THREE MAN CREW-TWO WHEEL HAND TRUCK-MANUALLY INSTALL AND REMOVE DOCK PLATE-LOOSE BOXES
					10404	11 VAN TRAILER-FOUR MAN CREW-TWO WHEEL HAND TRUCK-MANUALLY INSTALL AND REMOVE DOCK PLATE-LOOSE BOXES
					7734	12 VAN TRAILER-THREE MAN CREW-TWO WHEEL, HAND TRUCK-NO DOCK PLATE REQUIRED-OPEN AND CLOSE ONE SET DOORS-LOOSE BOXES-GROUND LEVEL MAGAZINE
					7968	13 VAN TRAILER-FOUR MAN CREW-TWO WHEEL HAND TRUCK-GROUND LEVEL MAGAZINE-OPEN AND CLOSE ONE SET OF DOORS-LOOSE BOXES
					44863	14 VAN TRAILER-FIVE MAN CREW-ROLLER CONVEYOR-GROUND LEVEL MAGAZINE-OPEN AND CLOSE ONE SET OF DOORS-LOOSE BOXES
					19449	15 VAN TRAILER-TWO MAN CREW-ELECTRIC FORK LIFT AND TRANSPORTER-INSTALL AND REMOVE STEEL DOCK PLATE WITH FORKLIFT OPEN AND CLOSE TWO SETS OF DOORS
					11931	16 VAN TRAILER-THREE MAN CREW-OTHERWISE SAME AS CASE 15
					13420	17 VAN TRAILER-FOUR MAN CREW-OTHERWISE SAME AS CASE 15
					16161	18 VAN TRAILER-FIVE MAN CREW-OTHERWISE SAME AS CASE 15

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	SSA=1	KJPTPX1	CON/VAR	TRUCK (VAN TRUCK/TRAILER),PREPARE FOR LOADING AMMUNITION AT IGLOO STARTS=WITH CREW WALK TO TRUCK TO BE LOADED INCLUDES=ALL THE MOTIONS NECESSARY TO SET UP AND SECURE TRUCK AFTER LOADING,SET UP IGLOO FOR LOADING TRUCK AND SECURE AFTER LOADING, SET UP AND SECURE ELECTRIC FORKLIFT TRUCK,SET UP AND SECURE ELECTRIC TRANSPORTER, GET AND INSTALL BLOCK AND BRACING IN TRUCK AFTER LOADING,CLEAN UP TRUCK ENDS=WITH CARRIER CLEANED,FORKLIFT AND TRANSPORTER RETURNED TO EQUIPMENT STORAGE
					13410	CASE 1=1 CONSTANT TIME=SET UP AND SECURE FORKLIFT,TRANSPORTER,TRUCK AND IGLOO FOR LOADING(922 MEHCC01,922 MEHCC02,929 KJPCP01,922 MEHFM02)
					20000	2=1 CONSTANT TIME=ESTIMATE=CLEAN UP WORK AREA AND TRUCK=PER TRUCK
						A=1 VARIABLE TIME=CREW WALK TO AND FROM = IGLOO=WALK TO FROM FORKLIFT TRUCK= COMPUTE FOR LOCAL DISTANCE AND CREW SIZE FROM ELEMENTS U BBMWU01 AND U BBMHC01)
						B=1 VARIABLE TIME=GET AND INSTALL BLOCKING AND BRACING=(929 SSHASX2)
						C=1 VARIABLE TIME=GIVE INSTRUCTION TO CREW=APPLY LOCAL TIME(STANDARD OR ESTIMATE)
DL	929	MAL	SSA=2	KJPTPX2	CON/VAR	TRUCK(VAN/TRAILER)PREPARE FOR LOADING AMMUNITION AT ABOVE GROUND MAGAZINE W/O PLATFORM STARTS=WITH CREW WALK TO TRUCK TO BE LOADED INCLUDES=ALL THE MOTIONS NECESSARY TO SET UP AND SECURE A TRUCK FOR LOADING AT AN ABOVE GROUND MAGAZINE W/O PLATFORM,SET UP AND SECURE THE MAGAZINE,SET UP AND SECURE AN ELECTRIC FORKLIFT TRUCK,CLEAN TRUCK AND LOADING AREA ENDS=WITH TRUCK,MAGAZINE,FLT SECURED AFTER LOADING,AREA CLEAN
					24066	CASE 1=2 CONSTANT TIME=SET UP AND SECURE FLT, TRANSPORTER AND TRUCK,PLACE TRANSPORTER IN AND REMOVE FROM TRUCK(929 KJPTP08)=COMPLETE PLANOGRAFT(222 SLQ PC01)=COMPLETE MAGAZINE DATA CARD(222 SWRCC02)=COMPLETE WORK ASSIGNMENT AND PERFORMANCE REPORT(222 SWRRC01),APPLY TEMPORARY SEAL TO DOOR AFTER LOADING (929 SIDSA01)
						A=2 VARIABLE TIME=OBTAIN AND INSTALL BLOCKING AND BRACING IN TRUCK(929 SSHASX2)
						B=2 VARIABLE TIME=CLEAN UP TRUCK AND AREA AFTER LOADING=(USE LOCAL TIME)
						C=2 VARIABLE TIME=CREW WALK TO TRUCK TO PREPARE=OPERATOR WALK TO FLT(U BBMWU=01,U BBMHC01)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	929	MAL	NXJSJXX	KJPWPXX	VARIABLE	WORKSITE,PREPARE(SET UP AND SECURE BOXCAR, BUILDING AND MATERIAL HANDLING EQUIPMENT) STARTS-WITH OPEN DOOR INCLUDES-ALL THE TIME NECESSARY TO OPEN AND CLOSE(INCLUDES LOCK AND UNLOCK) ONE OR TWO SETS OF DOUBLE DOORS AS REQUIRED,INSTALL AND REMOVE A STEEL DOCK PLATE OR DOOR PLATE EITHER MANUALLY OR WITH FORKLIFT AS REQUIRED, OPEN AND CLOSE BOXCAR DOORS,SET UP AND SECURE THE REQUIRED MATERIAL HANDLING EQUIPMENT-SET UP AND SECURE BOXCAR ENDS-WITH WORKSITE SECURED-CREW READY TO WALK FROM WORKSITE CONDITIONS-WALK TO AND FROM WORKSITE NOT INCLUDED-TO DETERMINE ELASPED TIME DIVIDE CASE TIME FOR EACH CASE BY THE CREW SIZE FOR THAT CASE
					16716	CASE 01 TWO MAN CREW-ELECTRIC FORKLIFT AND TRANSPORTER,INSTALL AND REMOVE STEEL DOCK PLATE WITH FORKLIFT-TWO SETS OF DOUBLE DOORS-PALLETIZED UNITS
					17859	02 THREE MAN CREW-OTHERWISE SAME AS CASE 01
					14868	03 TWO MAN CREW-ELECTRIC FORKLIFT AND TRANSPORTER-INSTALL AND REMOVE DOCK PLATE WITH FORKLIFT-OPEN AND CLOSE ONE SET OF DOUBLE DOORS-PALLETIZED UNITS-TRIPLE ARCH MAGAZINE WITH DOCK
					14673	04 THREE MAN CREW-OTHERWISE SAME AS CASE 03
					14970	05 TWO MAN CREW-TWO WHEEL HAND TRUCK-MANUALLY INSTALL AND REMOVE DOCK PLATE TWO SETS OF DOUBLE DOORS-LOOSE BOXES-
					15072	06 THREE MAN CREW-OTHERWISE SAME AS CASE 05
					15740	07 FOUR MAN CREW-OTHERWISE SAME AS CASE 05
					17859	08 THREE MAN CREW-ELECTRIC FORKLIFT-OPEN AND CLOSE TWO SETS DOUBLE DOORS INSTALL AND REMOVE DOCK PLATE WITH FORKLIFT
					19988	09 FOUR MAN CREW-OTHERWISE SAME AS CASE 08
					19675	10 FIVE MAN CREW-OTHERWISE SAME AS CASE 08
NO	929	MAL	BA11A	MMHCPXX	VARIABLE	CART,PUSH STARTS-WITH HANDS ON CART READY TO PUSH INCLUDES-ALL THE TIME NECESSATY TO APPLY THE FORCE REQUIRED TO START THE CART IN MOTION AND TO MAINTAIN THE CART IN MOTION FOR THE DESIRED DISTANCE ENDS-WITH CART HAVING TRAVELED THE DESIRED DISTANCE CONDITIONS-CASES 01-05 GIVE TIMES TO START AND MOVE CART ONE PACE FOR ENW INDICATED-CASE 06 APPLIES TO ALL ENW
					81	CASE 01 2.5 TO 10 POUNDS ENW
					86	02 10 TO 20 POUNDS ENW
					90	03 20 TO 30 POUNDS ENW
					95	04 30 TO 40 POUNDS ENW
					100	05 40 TO 50 POUNDS ENW
					17	06 EACH ADDITIONAL PACE MOVED
NO	929	MAL	BA13F2	MMHCP07	262	CART(EMPTY),PUSH ASIDE STARTS-WITH STEP TO CART INCLUDES-ALL THE TIME NECESSARY TO RELEASE CART BRAKES,GRASP HANDLE OF CART AND PUSH ASIDE,STOP AND RELEASE CART ENDS-WITH RELEASE CART CONDITIONS-MOVE CART FOUR PACES-STEP TWO PACES TO CART

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	BHMD	MMHDM01	1418	DOLLY(PALLET),MOVE MANUALLY WITHIN CARRIER STARTS-WITH A TURN OF THE BODY IMMEDIATELY AFTER THE EMPTY PALLET OR LAST CONTAINER IS PLACED ON THE DOLLY INCLUDES-ALL THE TIME NECESSARY TO MOVE A PALLET DOLLY WITHIN A CARRIER ENDS-WHEN THE PALLET DOLLY HAS BEEN MOVED AND SPOTTED IN FRONT OF THE MATERIAL OR CARRIER DOOR CONDITIONS-TIME IS FOR A TWO MAN OPERATION MOVE SIX PACES EMPTY AND 12 PACES LOADED
FFD	929	MAA	GPIIZ4T	MMHPG01	277	PALLET(ON CONVEYOR),GET WITH HOOKED ROD STARTS-WITH REACH TO GET ROD INCLUDES-ALL THE MOTIONS NECESSARY TO GET ROD FROM HOLDER,MOVE END OVER CONVEYOR AND HOOK PALLET,PULL PALLET TOWARD SELF(TWO FEET) AND RETURN ROD TO PLACE UNDER CONVEYOR ENDS-WITH ROD RELEASED IN PLACE
DL	929	TUL	EMLT	MMHPM01	6045	PALLET,MOVE FROM TRANSFER DOCK ONTO 25/40 K LOADER STARTS-WITH REMOVING PALLET RESTRAINTS ON THE DOCK INCLUDES-ALL THE TIME NECESSARY TO MOVE A PALLET FROM A TRANSFER DOCK ONTO A 25/40 K LOADER ENDS-WITH LOCKING THE PALLET ON THE 25/40 K LOADER CONDITIONS-TIME IS FOR A FOUR MAN CREW AND ONE EQUIPMENT OPERATOR-MOVE PALLET 52 FEET ONTO K LOADER AND CREW RETURN 52 FEET TO DOCK
FFD	929	MAA	KOHHPT1	MMHPT01	217	PALLET,TURN ON TURNTABLE(NON-POWERED) STARTS-WITH STOP PALLET AT TURNTABLE INCLUDES-ALL THE MOTIONS NECESSARY TO STOP PALLET,TURN PALLET 90 DEGREES,START PALLET MOVING IN NEW DIRECTION ENDS-WITH START PALLET IN MOTION
DL	929	MAL	EHAR	MMHRA01	7067	RAMP(PORTABLE),ATTACH TO VEHICLE STARTS-WITH THE STOP OF A FORKLIFT AT THE PORTABLE RAMP INCLUDES-ALL THE TIME NECESSARY TO ATTACH A PORTABLE RAMP TO A TRUCK OR TRAILER FOR LOADING OR UNLOADING ENDS-WHEN THE RAMP IS READY FOR USE IN MOVING MATERIAL INTO OR OUT OF THE CARRIER
DL	929	MAL	EHDR	MMHRD01	5217	RAMP(PORTABLE),DETACH FROM TRUCK OR TRAILER STARTS-WITH MOVEMENT TO THE VEHICLE INCLUDES-ALL THE TIME NECESSARY TO DETACH A PORTABLE RAMP FROM A TRUCK OR TRAILER UPON COMPLETION OF LOADING OR UNLOADING ENDS-WHEN THE PICKUP BAR HAS BEEN REMOVED FROM FORKLIFT BLADES AND RETURNED TO RAMP
NO	929	MAL	HEHTHXX	MMHTGXX	VARIABLE	TRUCK(NON POWERED),GET AND ASIDE STARTS-WITH A REACH OR BEND TO HAND TRUCK HANDLES INCLUDES-ALL THE TIME NECESSARY TO GRASP THE HANDLES,EITHER AFTER STOOPING OR BENDING OR IN A STANDING POSITION AND RELEASE THE HAND TRUCK HANDLES AFTER USE ENDS-WITH RELEASE OF HANDLES
					147	CASE 01 HAND TRUCK LAYING ON FLOOR-2 WHEEL
					49	02 HAND TRUCK STANDING-2WHEEL
					49	03 PLATFORM TRUCK-4 WHEEL
					53	04 MANUAL TRANSPORTER(PALLET JACK)

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	929	MAL	NEHTH13	MMHTG05	293	TRUCK(HAND),PLACE IN OR GET OUT OF CREW TRUCK STARTS-WITH WALK TO HAND TRUCK INCLUDES-ALL THE TIME NECESSARY TO WALK TO HAND TRUCK,PICK UP,REMOVE FROM CREW TRUCK OR PLACE INTO CREW TRUCK,STAND UPRIGHT ENDS-WITH HAND TRUCK IN CREW TRUCK OR ON GROUND CONDITIONS-WALK FOUR PACES TO HAND TRUCK
NO	929	MAL	HEHTHXX	MMHTLXX	VARIABLE	TRUCK(HAND-2 WHEEL),LOAD AND UNLOAD STARTS-WITH A STEP TO TRUCK AXLE INCLUDES-ALL THE TIME NECESSARY TO PUSH A HAND TRUCK UNDER A LOAD(INCLUDES TILTING LOAD), SET TRUCK FOR MOVE,TILT TRUCK TO UPRIGHT TO FLOOR,TILT LOAD,PULL TRUCK FROM UNDER,BALANCE TRUCK ENDS-WITH EMPTY HAND TRUCK AT BALANCE
					270	CASE 01 ASSISTED
					346	02 UNASSISTED
AE	929	MAL	FTNMPXX	MMHTM01	301	DOLLY(FURNITURE-NON POWERED),MOVE BY HAND STARTS-WITH REACH TO TRUCK INCLUDES-ALL THE TIME NECESSARY TO GET CONTROL OF A FURNITURE DOLLY WITH A DETACHABLE HANDLE, MOVE TWO FEET AND ASIDE ENDS-WITH RELEASE OF TRUCK CONDITIONS-INCLUDES-ATTACHING HANDLE PRIOR TO MOVE AND DETACHING AFTER ASIDE
NO	929	MAL	HEHTMXX	MMHTOXX	VARIABLE	TRANSPORTER(MANUAL),OPERATE FORKS STARTS-WITH FOOT TO PEDAL OR REACH TO CONTROL INCLUDES-ALL THE TIME NECESSARY TO OPERATE LEVER TO RAISE FORKS(CASE 01)OR ACTUATE CONTROL TO LOWER FORKS(CASE 02) ENDS-WITH RETURN OF FOOT TO FLOOR OR WITH RELEASE OF CONTROL CONDITIONS-DOWN AND UP STROKE 12 TIMES TO RAISE FORKS
					328	CASE 01 RAISE,WEIGHTED
					88	02 LOWER,WEIGHTED
NO	929	TAL	HEHTM04	MMHT003	56	TRANSPORTER(MANUAL),OPERATE,RUN IN OR OUT STARTS-WITH TRANSPORTER IN POSITION TO MOVE UNDER PALLET OR TO MOVE OUT FROM UNDER PALLET INCLUDES-ALL THE TIME NECESSARY TO MOVE TRANSPORTER(PALLET JACK)UNDER THE PALLET OR TO REMOVE TRANSPORTER FROM UNDER THE PALLET ENDS-WITH THE TRANSPORTER IN PLACE UNDER THE PALLET OR SKID OR WITH THE FORK TIPS APPROX. ONE FOOT IN FRONT OF PALLET OR SKID CONDITIONS-RUN IN STARTS WITH TIPS OF FORKS APPROXIMATELY ONE FOOT IN FRONT OF PALLET-RUN OUT ENDS WITH TIPS APPROXIMATELY ONE FOOT IN FRONT OF PALLET

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	929	TAL	HEHTMXX	MMHTPXX	VARIABLE	TRANSPORTER(MANUAL),PUSH/PULL STARTS-WITH OPERATOR IN POSITION TO START MOVE OR TO CONTINUE MOVEMENT AFTER START INCLUDES-ALL THE TIME NECESSARY TO START THE TRANSPORTER(PALLET JACK)IN MOTION AND TO KEEP IN MOTION AFTER START ENDS-WITH CESSATION OF TRAVEL
					121	CASE 01 START MOVE AND ACCELERATE-FIRST 10 FEET-EMPTY
					160	02 START MOVE AND ACCELERATE-FIRST 10 FEET-LOADED UP TO 2000 POUNDS
					6	03 ADDITIONAL MOVE PER FOOT-EMPTY
					9	04 ADDITIONAL MOVE PER FOOT-LOADED UP TO 2000 POUNDS
					102	05 TURN 90 DEGREES-CONTINUE DIRECTION OF TRAVEL
					136	06 TURN 90 DEGREES-REVERSE DIRECTION OF TRAVEL
					170	07 TURN 180 DEGREES-CONTINUE DIRECTION OF TRAVEL
					204	08 TURN 180 DEGREES-REVERSE DIRECTION OF TRAVEL
NO	929	MAL	BA6A10	TMHCPXX	TABLE	CART(LOADED),PUSH STARTS-WITH STEP TO END OF CART INCLUDES-ALL THE TIME NECESSARY TO RELEASE CART BRAKE,GRASP HANDLE AND PUSH A LOADED CART,STOP CART,RETURN TO STARTING POINT ENDS-WITH RELEASE CART AND RETURN TO STARTING POINT

TOTAL WEIGHT PUSHED POUNDS		DISTANCE-STEPS-ONE WAY 5 A	10 B	20 C	30 D	40 E	50 F
10	A	339	519	879	1239	1599	1959
20	B	342	522	882	1242	1602	1962
30	C	346	526	886	1246	1606	1966
40	D	348	528	888	1248	1608	1968
50	E	352	532	892	1252	1612	1972
60	F	354	534	894	1254	1614	1974
70	G	358	538	898	1258	1618	1978
80	H	360	540	900	1260	1620	1980
90	J	364	544	904	1264	1624	1984
100	K	366	546	906	1266	1626	1986
200	L	396	576	936	1296	1656	2026

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	929	MAL	HEHTHXX	TMHTMXX	TABLE	TRUCK(HAND),MOVE STARTS=WITH HANDS ON HANDLES READY TO PUSH INCLUDES=ALL THE TIME NECESSARY TO PUSH A HAND TRUCK,LOADED OR EMPTY,ONE FOOT ENDS=AFTER MOVING HAND CART ONE FOOT

HAND TRUCK=TWO WHEEL

CONDITION		START AND STOP A	TURN 90---180 DEGREES B	C	FORWARD PER FOOT D	REVERSE PER FOOT E
EMPTY	A	15		68	7	11
LOADED	B	47		102	9	13

PLATFORM TRUCK=FOUR WHEEL=HAND

LOADED TO 500 POUNDS	C	93	85	170	11	14
OVER 500 LBS	D	135	85	170	14	17
EMPTY	E	65	85	170	11	14

DL	929	TUL	EMTM	SMHMT01	173368	MISSILE(CONTAINER,MISSILE MOTOR,OR TRANSPORTER),MOVE FROM OR INTO AIRCRAFT STARTS=WITH THE MISSILE OR ITS COMPONENTS ON THE AIRCRAFT OR TRAILER INCLUDES=ALL THE TIME NECESSARY TO TRANSFER A MISSILE OR ITS COMPONENTS FROM OR TO AN AIRCRAFT ENDS=WITH THE MISSILE OR COMPONENTS TRANSFERRED TO THE AIRCRAFT OR TRAILER CONDITIONS=THIS STANDARD APPLIES TO THE LGM-30 AND SSCBM,EMPTY SSCBM,POLARIS,LGM-30 FIRST STAGE MOTOR AND/OR TRANSPORTER,LGM-30 SECOND OR THIRD STAGE MOTOR OR TRANSPORTER,AND CIM-10 OR SIMILAR MISSILES,COMPONENTS AND TRANSPORTER APPLIES TO RAMP LOADING OR ELEVATOR LOADING AIRCRAFT=SPECIAL MATERIAL(MISSILE)HANDLING EQUIPMENT REQUIRED
DL	929	MAL	EELR	MMTPL01	3596	PLATFORM(PALLET PIT),RAISE AND LOWER STARTS=WITH A MOVE TO THE ACTUATING SWITCH INCLUDES=ALL THE TIME NECESSARY TO LOWER OR RAISE THE PLATFORM IN A PALLET BUILD UP PIT AND INCLUDES THE STARTING AND STOPPING ACTION, AND THE MACHINE PROCESS TIME ENDS=WITH CYCLE COMPLETE AND SWITCH RELEASED CONDITIONS=NORMAL TWO MAN OPERATION FOR A 463L PALLET
DL	929	MAL	EMND	MNFDA01	1325	DOCUMENTS,ATTACH TO RAILROAD CAR STARTS=WITH WALK TO HAMMER INCLUDES=ALL THE TIME NECESSARY TO TURN AND WALK TO HAMMER,PICK UP HAMMER,WALK TO INSIDE OF CAR,OBTAIN NAILS AND NAIL ENVELOPE TO WALL, WALK TO ASIDE HAMMER ENDS=WHEN HAMMER IS PLACED ASIDE CONDITIONS=DISTANCE WALKED IS 12 PACES TO GET HAMMER,TO NAIL DOCUMENT AND RETURN HAMMER
DL	929	MAL	EMPL	MNFDR01	178	DOCUMENTS,REMOVE FROM CARRIER STARTS=WITH A REACH TO THE ENVELOPE INCLUDES=ALL THE TIME NECESSARY TO OBTAIN AND THEN OPEN THE ENVELOPE,REMOVE THE DOCUMENTS ENDS=WHEN THE ENVELOPE IS LAYED ASIDE CONDITION=REACH TO ENVELOPE IS 24 INCHES

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NO	929	MAL	HXJCP01	MNFPSXX	VARIABLE	PLACARD,STAPLE TO FLAT SURFACE/REMOVE STARTS-WITH PLACARD IN HAND OR REACH TO PLACARD INCLUDES-ALL THE TIME NECESSARY TO POSITION PLACARD ON CAR,PLACE STAPLER ON PLACARD,HIT STAPLER WITH HAND,MOVE STAPLER AWAY-GRASP AND PULL PLACARD FROM SURFACE ENDS-WITH STAPLER IN HAND CONDITIONS-INCLUDES TIME TO AFFIX WITH FIVE STAPLES-9X9 TO 15X15 INCH PLACARD
					282	CASE 01 STAPLE TO SURFACE
					72	02 REMOVE FROM SURFACE
NO	929	MAL	HXJCD02	MNFSA01	133	SEAL,ATTACH TO BOXCAR OR TRAILER STARTS-WITH REACH TO GET SEAL INCLUDES-ALL THE TIME NECESSARY TO GET THE SEAL,POSITION TO LATCH,THREAD ON LATCH,LOCK SEAL IN POSITION AND RELEASE ENDS-WITH RELEASE OF ATTACHED SEAL
NO	929	MAL	HXJCD01	MNFSB01	73	SEAL(BOXCAR OR TRAILER),BREAK AND ASIDE STARTS-WITH REACH TO SEAL INCLUDES-ALL THE TIME NECESSARY TO BREAK THE SEAL FROM THE DOOR LATCH AND ASIDE ENDS-WITH ASIDE SEAL
DL	929	TUL	BMUC	SNFCU01	17074	CARGO(AIR-GENERAL FLOOR-LOADED),UNTIE AND CHECK ON AIRCRAFT STARTS-WITH REACH TO UNTIE TIEDOWN INCLUDES-ALL THE TIME NECESSARY TO UNTIE CARGO IN AN AIRCRAFT AND INSPECT FOR OBVIOUS DAMAGE ENDS-WITH CARGO READY TO OFFLOAD CONDITIONS-TIME IS PER FLIGHT
DL	929	EUL	BMUC	SNFCU02	6981	CARGO(AIR-U/W CODED),UNTIE AND CHECK ON AIRCRAFT STARTS-WITH A REACH TO TIEDOWNS INCLUDES-ALL THE TIME NECESSARY TO UNTIE CARGO IN AN AIRCRAFT AND INSPECT FOR OBVIOUS DAMAGE ENDS-WITH CARGO READY TO OFFLOAD CONDITIONS-RAMP/ELEVATOR TYPE AIRCRAFT-TIME IS PER PIECE
DL	929	MAL	BMH8	MOH8R01	288	MATERIAL(BOLT),REROLL STARTS-WITH A REACH TO BOLT OR CLOTH INCLUDES-ALL THE TIME NECESSARY TO GRASP THE BOLT AND TURN TO ROLL MATERIAL ONTO BOLT ENDS-WHEN MATERIAL IS REROLLED AND BOLT IS RELEASED
DL	929	TUL	BHAC	MOHCA01	4501	CARGO,ALIGN TO RAMP ON RAMP/ELEVATOR AIRCRAFT STARTS-WITH THE CARGO IN APPROXIMATE LOCATION TO RAMP INCLUDES-ALL THE TIME NECESSARY TO PRECISELY ALIGN A U OR W CODED PIECE TO THE CARGO RAMP ENDS-WHEN THE CARGO IS EXACTLY ALIGNED FOR MOVEMENT UP THE RAMP
DL	929	MAL	BMPC	MOHCG01	119	CARTON(EMPTY),GET/PLACE STARTS-WITH A BEND TO OBTAIN OR ASIDE CARTON INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND PLACE AN EMPTY CARTON ENDS-WITH THE ARISE TO STAND
DL	929	MAL	BMVL	MOHC001	134	COMPARTMENT(LOG-SINGLE AXLE ARTILLERY),OPEN AND CLOSE STARTS-WITH A REACH TO THE LOG COMPARTMENT INCLUDES-ALL THE TIME NECESSARY TO OPEN AND CLOSE THE LOG COMPARTMENT ON A SINGLE AXLE ARTILLERY VEHICLE ENDS-WHEN THE COMPARTMENT DOOR IS RELEASED AFTER CLOSING

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	G-11	MOHCR01	329	COVERING(BURLAP),REMOVE OR REPLACE STARTS-WITH A REACH TO OPEN END OF BOLT INCLUDES-ALL THE TIME NECESSARY TO REMOVE THE BURLAP COVERING FROM A ROLL OF CLOTH ENDS-WITH THE RELEASE OF THE BURLAP AFTER IT HAS BEEN PULLED FROM ROLL
DL	929	MAL	BMFD	MOHDFXX	VARIABLE	DOOR,FIREWALL,OPEN AND CLOSE STARTS-WITH A REACH TO THE DOOR INCLUDES-ALL THE TIME NECESSARY TO OPEN AND CLOSE FIREWALL DOOR IN A WAREHOUSE ENDS-WITH RELEASE OF THE DOOR AND EMPLOYEE TURNED READY TO WALK TO NEXT OPERATION
					390	CASE 01 8 FOOT SINGLE DOOR
					458	02 10 FOOT SINGLE DOOR
					628	03 20 FOOT SINGLE DOOR
					1086	04 10 FOOT DOUBLE DOOR
DL	929	MAL	BMRP	MOHDM01	431	DRUM,MANHANDLE TO PALLET STARTS-WITH A REACH TO THE DRUM INCLUDES-ALL THE TIME NECESSARY TO ROLL A DRUM ON THE RIM ONTO A PALLET ENDS-WHEN DRUM IS RELEASED AND HANDS HAVE MOVED AWAY FROM DRUM
NO	929	MAL	HXJ8D03	MOHDOXX	VARIABLE	DOORS(HINGED,DOUBLE),OPEN/CLOSE STARTS-WITH REACH TO DOOR LATCH LEVER INCLUDES-ALL THE MOTIONS NECESSARY TO ACTUATE THE LATCH LEVER,PULL OPEN,PUSH OPEN,PULL PIN TO SECOND DOOR,RELEASE LATCH,OPEN DOOR,HOOK DOORS OPEN,HOOK UNHOOK LATCHES HOLDING DOORS OPEN,PULL TO START CLOSE AND WALK BOTH DOORS CLOSED,WALK BETWEEN DOORS,GET PIN AND INSERT IN LATCH,SECURE DOORS CLOSED ENDS-WITH APPLY PRESSURE TO SECURE LATCH CONDITIONS-DOORS HOOKED OPEN AT BOTTOM AT START OF CLOSE-HEAVY DUTY DOORS
					740	CASE 01 OPEN DOORS
					694	02 CLOSE DOORS
DL	929	MAL	EMPD	MOHDP01	518	DUNNAGE(STORAGE),POSITION MANUALLY FOR STACKING MATERIAL STARTS-WITH A WALK TO DUNNAGE ON FLOOR INCLUDES-ALL THE TIME NECESSARY TO WALK TO, PICK UP AND CARRY DUNNAGE TO STORAGE AREA AND POSITION THE DUNNAGE ON THE FLOOR PRIOR TO STACKING MATERIAL ENDS-WHEN DUNNAGE HAS BEEN PLACED IN POSITION CONDITIONS-WALK SIX PACES TO GET DUNNAGE-WALK SIX PACES WITH DUNNAGE-CARRY TWO PIECES PER TRIP
DL	929	MAL	EMRD	MOHDR01	430	DUNNAGE(STORAGE),REMOVE MANUALLY STARTS-WITH A TURN TO WALK TO DUNNAGE ON FLOOR INCLUDES-ALL THE TIME NECESSARY TO WALK TO DUNNAGE,PICK UP DUNNAGE,CARRY TO STORAGE AND PLACE DUNNAGE IN DUNNAGE STORAGE AREA ENDS-WHEN DUNNAGE IS PLACED IN STORAGE AREA CONDITIONS-WALK SIX PACES TO GET DUNNAGE (UNOBSTRUCTED)-WALK SIX PACES WITH DUNNAGE (OBSTRUCTED)
DL	929	MAL	BMOG	MOHG001	723	GATE(DOUBLE),OPEN AND CLOSE STARTS-WITH A TURN TO WALK TO GATE INCLUDES-ALL THE TIME NECESSARY TO WALK TO THE GATE,OPEN AND CLOSE GATE,WALK AWAY ENDS-AFTER WALK AWAY FROM GATE CONDITIONS-WALK FOUR PACES TO AND FROM GATE-GATE IS DOUBLE TYPE WITH BAR CATCH

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	G-24	MOHMF01	113	MATERIAL,FOLD(18 INCHES) STARTS-WITH A MOVE TO PULL MATERIAL FROM ROLL INCLUDES-ALL THE TIME NECESSARY TO PULL THE MATERIAL FROM THE ROLL AND FOLD BACK 18 INCHES ENDS-STILL HOLDING END OF MATERIAL AFTER FOLDING
DL	929	MAL	G-12	MOHMI01	357	MANDREL,INSERT OR REMOVE FROM CLOTH BOLT STARTS-WITH A BEND TO BOLT OF CLOTH INCLUDES-ALL THE TIME NECESSARY TO MOVE THE MANDREL TO THE BOLT,INSERT MANDREL INTO BOLT AND RELEASE ENDS-WHEN STANDING AFTER INSERTING MANDREL
DL	929	MAL	G-25	MOHMR01	288	MATERIAL(BOLT),REROLL STARTS-WITH A REACH TO BOLT OR CLOTH INCLUDES-ALL THE TIME NECESSARY TO GRASP THE BOLT AND TURN TO ROLL MATERIAL ONTO BOLT ENDS-WHEN MATERIAL IS REROLLED AND BOLT IS RELEASED
DL	929	T8L	BMHP	MOHPH01	2534	PALLET(463L),HANDLE ONTO/OFF 10K FORKLIFT STARTS-WITH A REACH TO THE PALLET INCLUDES-ALL THE TIME NECESSARY TO GAIN CONTROL OF THE PALLET,SLIDE THE PALLET ONTO OR OFF OF THE DOLLY OR SLAVE PALLET ENDS-WITH THE RELEASE OF THE PALLET AFTER THE MOVEMENT IS COMPLETE CONDITIONS-TWO MAN OPERATION-TIME IS FOR TWO MEN
DL	929	MAL	EMEP/HP	MOHPMXX	VARIABLE	PALLET(EMPTY),MANHANDLE STARTS-WITH A WALK FROM WORK AREA TO EMPTY PALLET STACK WITH NO PALLET OR WITH PALLET INCLUDES-ALL THE TIME NECESSARY TO;WALK TO GET A PALLET,PICK UP THE PALLET,CARRY PALLET TO WORK AREA AND PLACE IN A POSITION TO BE EASILY PICKED UP BY A FORKLIFT OR HAND TRANSPORTER;OR PICK UP PALLET IN WORK AREA AND CARRY TO AND STACK IN EMPTY PALLET STORAGE ENDS-WHEN OPERATOR(S)HAVE RETURNED TO POINT OF START EITHER WITH A NEW PALLET OR AFTER HAVING STACKED EMPTY PALLET IN STORAGE CONDITIONS-CASES 01-06 ARE FOR ONE MAN OPERATION-CASES 07-12 ARE FOR TWO MAN OPERATION(OVERSIZE PALLET)-DISTANCES ARE WALKING ONE WAY WITHOUT PALLET AND ONE WAY WITH PALLET-DISTANCE SHOWN IS ONE WAY-TIME IS FOR ROUND TRIP
					487	CASE 01 EIGHT PACES,ONE MAN
					551	02 10 PACES,ONE MAN
					615	03 12 PACES,ONE MAN
					679	04 14 PACES,ONE MAN
					743	05 16 PACES,ONE MAN
					807	06 18 PACES,ONE MAN
					1200	07 EIGHT PACES,TWO MEN
					1328	08 10 PACES,TWO MEN
					1456	09 12 PACES,TWO MEN
					1534	10 14 PACES,TWO MEN
					1712	11 16 PACES,TWO MEN
					1840	12 18 PACES,TWO MEN

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	929	MAF	2872	MOHSM01	336	SHEET(METAL),MOVE BY HAND STARTS-WITH TURN TO STORAGE RACK INCLUDES-ALL THE TIME NECESSARY TO GRASP SHEET,REMOVE FROM RACK,REGRASP AND ADJUST GRIP FOR MOVING,PLACE SHEET ON WORKBENCH OR TABLE AND RELEASE SHEET ENDS-WITH RELEASE SHEET CONDITIONS-INCLUDES SMALL,MEDIUM, OR LARGE SHEETS-SHEETS IN VERTICAL STORAGE RACK SHEETS TO 4 FEET X 8 FEET X 1/4 INCH-WEIGHT 80 POUNDS-TIME IS PER MAN
NF	929	MAF	3041	MOHSS01	343	SHEET(METAL-LARGE),SLIDE FROM TABLE TO FLOOR STARTS-WITH TURN TO SHEET INCLUDES-ALL THE TIME NECESSARY TO TURN TO TABLE,CONTACT GRASP SHEET,SLIDE AND PULL SHEET FROM TABLE AND LOWER TO FLOOR,REMOVE HAND ENDS-WITH ARISE
DL	929	MAL	SP-12	MOHTH01	287	TRAY(TOTE),HANDLE AND STOW STARTS-WITH TURN TO TOTE TRAY PRIOR TO REACH TO PICK UP AND MOVE INCLUDES-ALL THE TIME NECESSARY TO REACH TO THE TRAY AND GAIN CONTROL TO MOVE,MOVE THE TRAY TO THE WORK AREA(LINE) AND RETURN THE EMPTY TOTE TRAY TO A PALLET OR SHELF ENDS-WHEN THE EMPTY TRAY IS RELEASED IN THE FINAL STORAGE CONDITIONS-TOTE TRAY WEIGHTS 25 POUNDS WITH A DENSITY OF 15 POUNDS PER CUBIC FOOT WHEN OBTAINED-TIME IS COMPUTED FROM 929 MOHPHCF-TRAY ASIDED EMPTY
FF	929	MAL	HMPPT01	MOHTP01	132	TRAY(PLASTIC),PLACE ON CONVEYOR LINE STARTS-WITH BEND TO PICK UP TRAY INCLUDES-ALL THE TIME NECESSARY TO PICK UP TRAY AND PLACE TRAY ON CONVEYOR LINE ENDS-WITH TRAY ON LINE CONDITIONS-ROLLED EDGE TRAY,24X32 INCH, APPROXIMATELY EIGHT POUNDS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	EHPM	TOHPHXX	TABLE	PACKAGE,HANDLING,MIXED LOADS

STARTS-WITH REACH TO PACKAGE

INCLUDES-TIME TO GAIN CONTROL AND SLIDE THE PACKAGE FROM A STACK,ORIENT TO IDENTIFY AS REQUIRED,MOVE TO A PALLET,SKID,OR CART AND RETURN TO THE STACK FOR THE NEXT PACKAGE. THIS ELEMENT INCLUDES REMOVING PACKAGES FROM STACKS UP TO 72 INCHES HIGH AND PLACING ON PALLETS, SKIDS OR CARTS UP TO A LEVEL OF 42 INCHES

THESE TIME VALUES ALSO APPLY TO THE OPERATION OF MOVING PACKAGES FROM A PALLET,SKID OR CART TO A STACK, THE SAME LIMITATION AS TO MAXIMUM STACK HEIGHT AND MAXIMUM PALLET,SKID OR CART HEIGHT APPLIES TO THIS OPERATION

THESE TIME VALUES INCLUDE TIME ONLY FOR THE MANUAL OPERATION OF HANDLING AND IDENTIFYING THE PACKAGES AND APPLY WHEN A VARIETY OF COMMODITIES ARE BEING HANDLED

TYPICAL OPERATIONS COVERED BY THESE TIME VALUES WOULD INCLUDE UNLOADING AND LOADING FREIGHT CARS OF TRAILERS WHEN A VARIETY OF ITEMS ARE BEING HANDLED

ENDS-WHEN WORKER IS FACING STACK OF PACKAGES READY TO REACH FOR NEXT PACKAGE

CONDITIONS PACKAGE DENSITY		PACKAGE WEIGHT POUNDS UP TO AND INCLUDING							
LBS PER CUBIC FT		5 A	15 B	25 C	35 D	45 E	55 F	65 G	75 H
1	A	136	261	311	355	393	427		
2	B	121	232	279	318	354	386	418	447
3	C	78	138	264	301	334	363	395	423
5	D	73	128	245	280	312	342	371	398
10	E	67	117	223	256	287	315	342	370
15	F	63	111	212	244	274	302	328	354
20	G	61	107	205	236	265	292	318	343
30	H	59	103	197	226	254	282	307	331
50	J	55	96	184	215	244	268	293	317
70	K	54	93	178	207	235	260	286	309

NOTE-

1. LOCATE THE CORRESPONDING WEIGHT,ON THE TOP OF THE TABLE,TO THE AVERAGE WEIGHT PER PIECE HANDLED

2. LOCATE THE CORRESPONDING DENSITY,ON THE LEFT SIDE OF THE TABLE,TO THE AVERAGE DENSITY PER PIECE HANDLED

3. READ ACROSS FROM THE DENSITY TO THE WEIGHT COLUMN AND EXTRACT THE TMU TIME PER PIECE HANDLED

4. WORKERS REQUIRED TOHANDLE CONTAINER-
   A. AVERAGE WEIGHT PER CONTAINER TO AND INCLUDING 75 LBS.-1 MAN OR 1XTMU VALUE FROM ABOVE TABLE
   B. AVERAGE WEIGHT PER CONTAINER 76 LBS TO 150 LBS.
      (1) DIVIDE THE AVERAGE WEIGHT BY 2. THE AVERAGE WEIGHT HANDLED BY EACH WORKER
      (2) SELECT THE TMU VALUE FROM THE TABLE
      (3) MULTIPLY THE TMU VALUE BY 2 FOR THE TWO WORKERS REQUIRED TO HANDLE THE MATERIAL

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	TI=1	JOHMSX1	VARIABLE	MATERIAL,SELECT FROM BIN

PART I=ELEMENTS

A PREPARE TO ISSUE/SELECT MATERIAL=LINE
922 MJPBI09=222 SWRDP21=922 MOHCP05

B ITEM SELECTED,INSERT IN TOTE TRAY=PIECE
U TPLOGFE

C ITEM SELECTED,INSERT IN BAG=PER PIECE
920 MPKII01

D PICK STOCK FROM BIN=PER PIECE
U TPLOGFE

E WALK BETWEEN CONSOLIDATION AND CART=
MOVE TOTE TRAY FROM CART TO CONVEYOR
U 88MW001=U 88MHC01(6 PACES,2 TURNS)
U MOHP001

F PUSH CART BETWEEN LOCATIONS
U 88MW001=U 88MHC01

G OBTAIN SUPPLY OF TOTE TRAYS=PUSH CART
TO FIRST LOCATION AND FROM LAST TO
CONSOLIDATION POINT
U MOHP001=U 88MW001=U 88MHC01

H INSERT ITEM IN JIFFY BAG
920 MPKII01

J PUT BAG IN TOTE TRAY
U TPLOGFE

PART II=FREQUENCIES/OCCURENCES

K PIECES PICKED PER LINE SELECTED

L PIECES TO TOTE TRAY PER LINE SELECTED

M PIECES TO PAPER BAG PER LINE SELECTED

N PIECES TO JIFFY BAG PER LINE SELECTED

P ISSUE LOCATIONS PER CYCLE

Q TOTE TRAYS OBTAINED PER CYCLE(TRIP)

R LINES PLACED IN TOTE TRAY=PER TRAY

S BAGS(PAPER AND JIFFY)PER TOTE TRAY

PARTIII=NORMAL TIME

T PER LINE SELECTED
A+B(L)+C(M)+D(K)+H(N)+J(S)+F(P=1)/P+
E(1/R)+G(1/Q)

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=
DETERMINE FROM DOD 5010.15.1=M,BASIC
VOLUME,APPENDIX II

U ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

W PER LINE SELECTED
T(U)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR
LOCAL ELEMENTS TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	TI=2	JOHSRX1	VARIABLE	STOCK,REPLENISH IN BIN

PART I=ELEMENTS

A PUSH CART TO HOLD AREA,TO FIRST AND FROM LAST LOCATION TO CONTROL AREA
U 88MW001=U 88MHC01

B PUSH CART BETWEEN LOCATIONS
U 88MW001=U 88MHC01

C PLACE REPLENISHMENT MATERIAL ON CART=PREPARE TO STOW MATERIAL IN BIN=MOVE CONTAINER TO BIN
929 TOHPH0E=929 MJPBS09=929 TOHPH0E

D WIPE INSIDE OF BIN=PER OCCURENCE
929 MCL8W01

E STOW MATERIAL IN BIN
U TGTOGEC

F DOCUMENT PROCESSING PER LINE STOWED
222 SWR0P25

G OPEN WOOD BOX=SMALL
920 MPKLN01

H OPEN FIBERBOARD CARTON
920 MPKC0XX

J OBTAIN AND ASIDE DOCUMENTS
U TPLOGEE

PART II=FREQUENCIES/OCCURENCES

K LOCATIONS PER TRIP(CYCLE)

L PERCENT OF BINS WIPED

M PIECES STOWED PER LINE

N LINES REPLENISHED PER TRIP(CYCLE)

P PERCENT WOOD BOXES OF TOTAL BOXES/CARTONS

Q PERCENT CARTONS OF TOTAL BOXES/CARTONS

PART III=NORMAL TIME

R PER LINE ITEM(BIN)REPLENISHED
(A/K)+B(K=1)(1/K)+C+E(M)+F+G(P)+H(Q)+J/N

PART IV=PERSONAL,FATIGUE AND DELAY ALLOWANCE=DETERMINE FROM DOD 5010.15.1=M,BASIC VOLUME,APPENDIX II

S ALLOWANCE FACTOR(AF)

PART V=STANDARD TIME

T PER LINE ITEM REPLENISHED
R(S)

PART VI=ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	ECPC	MPHCP01	255	COPIES,PULL FROM FORM 1348-1 STARTS-WITH REACH TO OBTAIN DOCUMENT INCLUDES-ALL THE TIME NECESSARY TO DETACH COPIES REQUIRED FROM THE DD 1348-1,ASIDE THE COPIES AND THE DOCUMENT ENDS-WITH ASIDE DOCUMENTS AND COPIES CONDITIONS-DETACH AND ASIDE PROOF OF SHIPMENT COPY(NUMBER ONE)AND COPIES TWO,THREE AND FOUR
DL	929	MAL	SL-11 S	JPSCX1		
DL	929	MBL	EMHD	SRCSR01	10206	SHORING(HEAVY-DOOR),REMOVE FROM RAILROAD CAR STARTS-WITH WALK TO OBTAIN PINCHBAR INCLUDES-ALL THE TIME NECESSARY TO LOOSEN ALL ENDS OF SHORING,FREE SHORING,ASIDE TO PALLET, ASIDE PINCHBAR ENDS-WITH PINCHBAR PLACED ASIDE CONDITIONS-SHORING CONSISTS OF EIGHT PIECES OF LUMBER OVER ONE INCH STOCK-TWO MEN REMOVE SHORING FROM ONE SIDE OF CAR
DL	929	MBL	EMLD	SRCSR02	5897	SHORING(LIGHT),REMOVE FROM RAIL CAR DOOR STARTS-WITH WALK TO GET HAMMER INCLUDES-ALL THE TIME NECESSARY TO LOOSEN ENDS OF ALL SHORING,REMOVE SHORING AND ASIDE TO A PALLET AND RETURN HAMMER ENDS-WITH RETURN HAMMER TO PICK UP POINT CONDITIONS-TIME IS FOR A TWO MAN OPERATION
DL	929	MAL	EMSH	SRCSR03	35598	SHORING(MAXIMUM INTERNAL),REMOVE FROM RAIL ROAD CAR STARTS-WITH WALK TO OBTAIN CROWBAR(PINCH BAR) INCLUDES-ALL THE TIME NECESSARY TO OBTAIN BAR, LOOSEN SHORING AND PLACE THE SHORING ASIDE ENDS-WITH ASIDE TOOLS TO PICK UP POINT CONDITIONS-REMOVE 30 PIECES OF STOCK OVER ONE INCH-WALK FOUR PACES TO GET PINCH BAR AND RETURN BAR-TWO MAN OPERATION
DL	929	MAL	EMSL	SRCSR04	10968	SHORING(INTERNAL),REMOVE FROM RAILROAD CAR STARTS-WITH WALK TO OBTAIN HAMMER INCLUDES-ALL THE TIME NECESSARY TO LOOSEN ALL ENDS OF THE SHORING,REMOVE AND ASIDE SHORING TO PALLET,RETURN TOOLS,ASIDE HAMMER ENDS-WITH HAMMER PLACED ASIDE CONDITIONS-MINIMUM SHORING(10 PIECES)-TWO MAN CREW

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	TR-26	JRCCUX2	VARIABLE	CAR(RAIL,BOX),UNLOAD WITH GRAVITY CONVEYOR, FORKLIFT AND PALLETS

PART I-ELEMENTS

A PREPARE BOXCAR FOR UNLOADING
929 KJPCPX3

B PLACE EMPTY PALLET,MOVE AND STACK LOADED PALLET-PER PALLET
922 KRCPPX1

C PLACE MATERIAL ON AND REMOVE FROM CONVEYOR
929 TOHPHXX

PART II-FREQUENCIES/OCCURENCES

D PIECES PER PALLET

E PIECES PER CAR

PART III-NORMAL TIME

F PER BOXCAR PREPARED TO UNLOAD
A

G PER PIECE UNLOADED
B(1/D)

H PER CAR PREPARED AND UNLOADED
F+G(E)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE- DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

J ALLOWANCE FACTOR (AF)

PART V-STANDARD TIME

K PER BOXCAR PREPARED FOR UNLOADING
F(J)

L PER PIECE UNLOADED
G(J)

M PER BOXCAR PREPARED AND UNLOADED
K+L(D)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	TR-17	JRCRPX1	VARIABLE	RECEIPTS(CONSOLIDATED),PROCESS

PART I-ELEMENTS

A PREPARE AND DISPOSE OF CONSOLIDATED RECEIPT CONTAINERS
922 KPKCPX1

B REMOVE INTERMEDIATE PACK FROM OUTSIDE CONTAINER
929 TOHPHXX

C PICK UP AND ASIDE OUTER CONTAINER
929 TOHPHXX

D FASTEN DOCUMENTS TO MATERIAL
920 MNFDTXX

PART II-FREQUENCIES/OCCURENCES

E INTERMEDIATE PACKS PER OUTER CONTAINER

F LINES PER RECEIPT PACK(OUT . CONTAINER)

PART III-NORMAL TIME

G PER CONSOLIDATED RECEIPT PACK PROCESSED
A+(B+C)(E)+D(F)

H PER LINE ITEM PROCESSED(CONSOLIDATED RECEIPTS)
(A/F)+(B+C)/(F+D)

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE
DETERMINE FROM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

J ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

K PER CONSOLIDATED RECEIPT PACK PROCESSED
G(J)

L PER LINE ITEM PROCESSED(CONSOLIDATED RECEIPTS)
H(J)

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL USE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MUL	TR-27	JRCTUX2	VARIABLE	TRUCK(VAN/TRAILER),UNLOAD WITH GRAVITY CONVEYOR,FORKLIFT AND PALLET

PART I-ELEMENTS

A PREPARE VAN TRUCK/TRAILER FOR UNLOADING
929 KJPCPXL

B PLACE EMPTY PALLET,MOVE AND STACK LOADED PALLET
922 KRCPPX1

C PLACE MATERIAL ON CONVEYOR
929 TOHPHXX

D REMOVE MATERIAL FROM CONVEYOR
929 TOHPHXX

PART II-FREQUENCIES/OCCURENCES

E PIECES PER PALLET

F TOTAL PIECES/UNITS

G RATIO OF UNIT LOADS TO TOTAL UNITS

H RATIO OF LOOSE PIECES TO TOTAL UNITS

PART III-NORMAL TIME

J PER TRUCK PREPARED TO UNLOAD
A

K PER UNIT/PIECE UNLOADED
1 B(G)+((B/E)+D)(G)=TAIL GATE
2 B(G)+((B/E)+C+D)(H)=DROPPED TRAILER

L PER TRUCK PREPARED AND UNLOADED
1 A+K1(F)=TAIL GATE DELIVERY
2 A+K2(F)=DROPPED DELIVERY

PART IV-PERSONAL,FATIGUE AND DELAY ALLOWANCE DETERMINE FORM DOD 5010.15.1-M,BASIC VOLUME,APPENDIX II

M ALLOWANCE FACTOR(AF)

PART V-STANDARD TIME

N PER TRUCK PREPARED FOR UNLOADING
J(M)

P PER UNIT/PIECE UNLOADED
1 K1(M)=TAIL GATE DELIVERY
2 K2(M)=DROPPED TRAILER DELIVERY

Q PER TRUCK PREPARED AND UNLOADED
1 N+P1(F)=TAIL GATE DELIVERY
2 N+P2(F)=DROPPED TRAILER DELIVERY

PART VI-ADD/SUBSTITUTE APPLICABLE DWMSTDP OR LOCAL ELEMENTS AS NEEDED TO ADJUST FOR LOCAL CONDITIONS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MAL	ECVS	MRONV01	216	NUMBER(CAR SEAL),VERIFY STARTS-WITH A REACH TO GET CAR SEAL INCLUDES-ALL THE TIME NECESSARY TO MATCH AND COMPARE NUMBERS ON CAR SEAL WITH NUMBERS ON APPROPRIATE MATERIAL MOVEMENT DOCUMENT ENDS-WITH DOCUMENT IN HAND AFTER VERIFICATION CONDITIONS-CAR SEAL HAS SEVEN NUMBERS-MATERIAL MOVEMENT DOCUMENT IS IN HAND AT START NUMBERS BEING COMPARED ARE OVER 10 INCHES APART
DL	929	MAL	ECCM	MSHMC01	585	MATERIAL,CHECK AGAINST MANIFEST STARTS-WITH MANIFEST IN HAND AT MATERIAL TO BE CHECKED FOR SHIPMENT INCLUDES-ALL THE MOTIONS NECESSARY TO COMPARE IDENTIFYING NUMBERS,PIECE COUNT AND WEIGH, SCREEN FOR REFERENCE CODES,OBTAIN AND ASIDE PENCIL(FROM POCKET),INITIAL ENTRY ON MANIFEST ENDS-WITH RETURN PENCIL TO POCKET CONDITIONS-INCLUDES TURNING OR MOVING ITEMS TO READ LABEL WHEN REQUIRED,TIME IS PER ITEM
DL	929	TUL	ETBR	SSHASX1	CON/VAR	AMMUNITION(PALLETIZED OR UNITIZED),SECURE A RAILROAD CAR STARTS-WITH LOAD BLOCKING AND BRACING MATERIAL ON TRUCK INCLUDES-ALL THE TIME NECESSARY TO LOAD THE MATERIAL ON A TRUCK,TRAVEL TO WORK AREA,UNLOAD MATERIAL,BLOCK AND BRACE RAILROAD CAR AND RETURN TO LUMBER STORAGE ENDS-WITH RETURN TO LUMBER STORAGE CONDITIONS-TIME IS BASED ON THREE MEN LOADING TRUCK AND FOUR MEN BLOCKING AND BRACING
					334670	CASE 1-1 CONSTANT TIME-LOAD MATERIAL AT LUMBER STORAGE,UNLOAD AT WORK SITE,BLOCK AND BRACE THE CAR A-1 VARIABLE TIME-TRUCK TRAVEL FROM LUMBER STORAGE TO WORK SITE AND RETURN-COMPUTE FOR LOCAL TRAVEL DISTANCE AND CREW SIZE FROM ELEMENT U BEVVTXX
DL	929	TUL	ETBT	SSHASX2	CON/VAR	AMMUNITION,SECURE IN VAN TRUCK STARTS-WITH LOAD BLOCKING AND BRACING MATERIAL ON TRUCK INCLUDES-ALL THE TIME NECESSARY TO LOAD THE MATERIAL ON A TRUCK,TRAVEL TO LOAD SITE FROM LUMBER STORAGE,UNLOAD MATERIAL AND BLOCK AND BRACE THE VAN LOAD,NOTIFY OFFICE THAT VAN IS READY AND RETURN FROM LOAD SITE TO LUMBER STORAGE ENDS-WITH RETURN TO LUMBER STORAGE PICK UP POINT CONDITIONS-TIME IS BASED ON THREE MEN-VAN FULLY LOADED
					71446	CASE 1-1 CONSTANT TIME-LOAD TRUCK AT LUMBER STORAGE,UNLOAD AND BLOCK AND BRACE VAN,NOTIFY OFFICE TRUCK IS READY A-1 VARIABLE TIME-TRUCK TRAVEL FROM LUMBER STORAGE PICK UP POINT TO LOAD SITE AND RETURN-COMPUTE FOR LOCAL TRAVEL DISTANCE FROM ELEMENT U BEVVTXX
DL	929	TUL	BMTU	SSHCT01	4084	CARGO(U/W CODED),TIEDOWN IN AIRCRAFT STARTS-WITH POSITIONING TIEDOWNS INCLUDES-ALL THE TIME NECESSARY TO POSITION TIEDOWNS,ATTACH AND SECURE A PIECE OF CARGO IN A RAMP/ELEVATOR AIRCRAFT ENDS-WITH PIECE SECURED CONDITIONS-TIME IS PER PIECE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
DL	929	MBL	EMDH	SSHSI01	37564	SHORING(HEAVY),INSTALL IN BOXCAR DOOR STARTS-WITH PICK UP LUMBER TO MEASURE INCLUDES-ALL THE TIME NECESSARY TO OBTAIN, MEASURE,MARK,CUT AND INSTALL BY NAILING HEAVY SHORING IN THE DOOR OF A RAILCAR ENDS-WITH WORKERS RETURN TO LOADING DOCK CONDITIONS-TWO MAN CREW-SHORING INSTALLED IN ONE DOOR-EIGHT PIECES(OVER ONE INCH STOCK) INSTALLED WITH 32 NAILS
DL	929	MBL	EMDL	SSHSI02	14780	SHORING(LIGHT),INSTALL IN BOXCAR DOOR STARTS-WITH PICK UP LUMBER TO MEASURE INCLUDES-ALL THE TIME NECESSARY TO OBTAIN AND MEASURE,MARK AND SAW REQUIRED LUMBER,CARRY CUT LUMBER TO RAIL CAR,POSITION AND NAIL, RETURN TO LOADING DOCK ENDS-WITH WORKERS RETURNED TO LOADING DOCK CONDITION-TWO MAN CREW-TIME IS TO INSTALL SHORING IN ONE DOOR-FOUR PIECES OF ONE INCH STOCK ARE NAILED WITH 24 NAILS
DL	929	MAL	EMBL	SSHVSXX	VARIABLE	VEHICLE(LIGHT),SECURE TO CARRIER STARTS-WITH OBTAINING BLOCK,BRACES AND TIE DOWNS INCLUDES-ALL THE TIME NECESSARY TO PLACE WHEEL BLOCKS,SET HAND BRAKE,DISTRIBUTE WIRE TIE DOWNS,BRACING,GET HAMMER AND NAILS,SECURE WHEEL BOLCKS,BRACING AND TIE DOWNS ENDS-WITH VEHICLE BLOCKED,BRACED AND TIED TO CARRIER
					19795	CASE 01 BLOCK,BRACE AND TIE DOWN TO A FLATBED TRUCK
					33151	02 BLOCK,BRACE AND TIE DOWN TO A RAILROAD FLATCAR
DL	929	MAL	F-46	MTLBU01	412	BAR(PINCH),USE TO LOOSEN HEAVY SHORING STARTS-WITH MOVE BAR TO POSITION INCLUDES-ALL THE TIME NECESSARY TO USE A PINCH BAR TO LOOSEN ONE END OF HEAVY SHORING IN A RAILROAD CAR ENDS-WITH SHORING LOOSE,BAR IN HAND
DL	929	MAL	D-04	MTLSR01	166	SEAL,CUT AND REMOVE WITH SIDE CUTTERS STARTS-WITH MOVE CUTTERS TO SEAL WITH A BEND INCLUDES-ALL THE TIME NECESSARY TO CUT A DOOR SEAL WITH SIDE CUTTERS AND MOVE SEAL AND CUTTERS AWAY FROM DOOR ENDS-WITH ARISE FROM BEND
DL	929	MAL	BMCW	MTLWC01	666	WIRE,CUT AND REMOVE STARTS-WITH WIRE CUTTERS IN HAND INCLUDES-ALL THE TIME NECESSARY TO CUT AND REMOVE ONE WIRE FROM A VEHICLE ON A FLATCAR AND PLACE THE WIRE ASIDE ON A PALLET ENDS-WITH A WALK TO THE NEXT WIRE CONDITIONS-WALK TOTAL OF 10 PACES TO NEXT WIRE AND TO DISPOSE OF CUT WIRE
AE	972	WEB	WM16-71	SPRC001	496	COPIER(BRUNING),OPERATE STARTS-WITH COPIER READY TO OPERATE AND WORK READY TO PROCESS INCLUDES-ALL THE TIME NECESSARY TO PREPARE NEGATIVES,PLATES OR MASTERS WITH A BRUNING COPIER FOR USE IN OFFSET PRINTING ENDS-WITH PROCESS COMPLETE AND MASTERS READY FOR USE CONDITIONS-TIME IS PER NEGATIVE,PLATE OR MASTER PREPARED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	972	WEB	WM16-71	SPRC002	180	CAMERA(OVERHEAD-24 INCH),OPERATE STARTS-WITH POSITIONING WORK IN FRAME INCLUDES-ALL THE TIME NECESSARY TO POSITION THE WORK IN THE FRAME,MAKE NECESSARY ADJUSTMENTS AND CAMERA SETTING,OPERATE THE CAMERA, AND REMOVE COMPLETED WORK ENDS-WITH REMOVAL OF COMPLETED WORK
AE	972	WEB	WM16-71	SPRC003	519	CAMERA(ITEK),OPERATE STARTS-WITH POSITIONING WORK IN FRAME INCLUDES-ALL THE TIME NECESSARY TO OPERATE AN ITEK CAMERA TO PREPARE PHOTO DIRECT MASTERS,EITHER NORMAL OR REVERSE FOR USE ON MULTILITH AND DAVIDSON PRESSES ENDS-WITH REMOVAL OF COMPLETED MASTER CONDITIONS-TIME IS PER COMPLETED MASTER
AE	972	WEB	WM16-71	SPRF001	248	FRAME(VACUUM PRINTING),OPERATE STARTS-WITH POSITIONING WORK IN FRAME(VACUUM PRINTING) INCLUDES-ALL THE TIME NECESSARY TO POSITION THE WORK IN FRAME,OPERATE THE MACHINE AND REMOVE THE COMPLETED WORK ENDS-WITH REMOVAL OF COMPLETED WORK CONDITIONS-TIME IS TO PREPARE ONE PLATE OR MASTER
AE	972	WEB	WM16-71	SPRMP01	1082	MASTER(MULTILITH),PREPARE WITH XEROX EQUIPMENT STARTS-WITH EQUIPMENT READY TO OPERATE,WORK READY TO POSITION INCLUDES-ALL THE TIME NECESSARY TO OPERATE THE XEROX CAMERA,THE DEVELOPER AND THE FUZER-CLEAN AND TOUCH UP THE MULTILITH MASTER ENDS-WITH COMPLETION OF TOUCH UP AND CLEANING CONDITIONS-TIME IS TO PRODUCE ONE MULTILITH MASTER
FFD	976	MAA	CMFOC05	SSUC001	VARIABLE	COVER(FILM DEVELOPER),OPEN AND CLOSE STARTS-WITH REACH TO LATCH AND END OF COVER (SIMO) INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP LATCH AND END OF COVER,OPEN SPRING TYPE LATCH, RAISE AND RELEASE COVER,GET AND LOWER COVER TO CLOSE,PRESS COVER TO LOCK ENDS-WITH COVER CLOSED AND RELEASED CONDITIONS-RECORDAK PROSTAR FILM PROCESSOR, MODEL DVR
FFJ	976	MAA	VMFCF01	MTLFC01	243	FILM,CUT FOR SPLICING STARTS-WITH FILM ON SPINDLE,CUT END AT BLADE 10 INCHES FROM SPINDLE,LEFT HAND ON FILM INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE FILM TO EXACT POSITION AT SPLICE MARK,CENTER FILM UNDER BLADE,GET BLADE HANDLE AND PULL DOWN TO CUT FILM,MOVE HANDLE UP AFTER CUT, RELEASE HANDLE ENDS-WITH RELEASE HANDLE AFTER MOVE UP