DoD 5010.15.1-M
VOLUME VII

(CONSOLIDATED REPRINT W/CHANGE 1)

STANDARDIZATION OF WORK MEASUREMENT

Defense Work Measurement Standard Time Data Program

VOLUME VII
BENCH WORK OCCUPATIONS
February 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
BENCH WORK OCCUPATIONS

I. DoD 5010.15.1-M, Volume VII, 1 Dec 75, is changes as follows:

A. Page v, Part Two, Section I, Line 1: Delete the word "three" and substitute "four."

B. Page v, Part Two, Section I: Add the following paragraph:

The Verb Index which is an alphabetical listing of the "title" line of the DWMSTDP Operation/Element Description sequenced by the verb, page D-1.

C. Add pages D-1 thru D-19 after page C-20.

II. This change is an administrative addition of an index for the elements published in the volume.

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

RICHARD J. POWER
Director

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INSTALLATIONS AND LOGISTICS

15 Feb 77

FOREWORD *

This is one of ten volumes of DoD 5010.15.1-M published under the authority of DoD Directive 5010.31, Productivity Enhancement, Measurement and Evaluation. It provides standard time data oriented to the Department of Labor occupation codes and guidelines for uniform application. Maximum use of these 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
Director
Defense Industrial Resources
Support Office

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Defense Supply Agency:
3 less 7, 9, 10

This DoD manual supersedes DoD 5010.15.1-M, Volume VII, 17 Mar 75
* Denotes Changes

STANDARD TIME DATA FOR BENCH WORK OCCUPATIONS

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DEFENSE WORK MEASUREMENT STANDARD TIME DATA PROGRAM (DWMSTDP)

BENCH WORK OCCUPATIONS

PART ONE - GUIDANCE

CHAPTER I - GENERAL INFORMATION

1.1 PURPOSE

This volume of Bench Work Occupations Standard Time Data is one of ten volumes of standard time data in the 11 volume series included in DWMSTDP. Bench Work Occupations as categorized by the Department of Labor includes those occupations concerned with the use of body members, handtools, and bench machines to fit, grind, carve, mold, paint, sew, assemble, inspect, repair, test, and similarly work relatively small objects and materials, such as metal products, electronic components, electrical appliances, instruments, footwear, and garments. The work is usually performed at a set position in a mill, plant, or shop, at a bench, worktable, or conveyor. At the more complex levels, workers frequently read blueprints, follow patterns, use a variety of handtools, and assume responsibility for meeting standards. Workers of the less complex levels are required to follow standardized procedures. This volume provides a single DoD source for Standard Time Data which can be used in the development of labor standards for:

1.1.1 Organizations, activities, or functional areas whose primary missions correlate to bench work occupations, e.g., maintenance support functions for aircraft, vehicle, or ship electronic components, or the sewing of tarpaulins, webbing or harnesses, etc.

1.1.2 For bench work operations within organizations, activities, or functional areas engaged in other than bench work occupations, e.g. portable zyglo operator who is assigned to a welding shop.

1.1.3 Work performed by personnel whose primary jobs are other than bench work, but who may actually do that type work as a part of their jobs, e.g., an engine overhaul mechanic stamping an engine data plate.

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 and DoDI 5010.34*.

1.3 APPLICATION

The Bench Work 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.

1.4 SUBMISSION OF NEW DWMSTDP ELEMENTS

All newly developed or existing Bench Work Occupations Standard Time Data 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

2.1.1 Information requirements applicable to DWMSTDP have been standardized. Applicable DoD Standard Data Elements have been utilized and all other data elements have been proposed for data representation standardization action in accordance with the provisions of DoD Instruction 5000.12, "Data Elements and Codes Standardization Procedures" and DoD 5000.12-M.

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

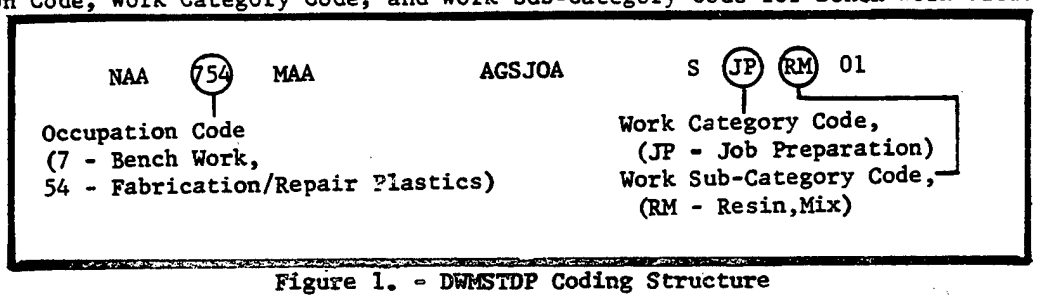

Figure 1. - DWMSTDP Coding Structure

2.2 TYPES OF CODES

2.2.1 Occupation Codes

The Occupation Codes for DWMSTDP elements in this volume conform to the numeric codes of Bench Work Occupations listed in the U.S. Department of Labor Dictionary of Occupational Titles. All Department of Labor Bench Work Occupations are shown in Figure 2. Figure 3 identifies the work ascribed to the specific occupations contained in this volume. There are occasions when a standard time data element may have common application to two or more divisions of the total 7 Bench Work Occupational category. If this is the case, an X is used in both the Occupation Division position (second numeric) and the Group Position (third numeric), e.g., 7XX. If the common application occurs only within the Occupation Division, an X is used in the Group position only (third numeric) e.g., 70X, 72X.

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 DWMSTDP element. Figure 4 lists and defines the work categories used in coding Bench Work 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., RM is the code for "Resin, Mix" 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 title whenever possible.

2.3 FUNDAMENTAL STANDARD TIME DATA

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

7 - BENCH WORK OCCUPATIONS

(BENCH WORK)

70 Occupations in Fabrication, Assembly, and Repair of Metal Products, N.E.C.
(Fabrication, Assembly, and Repair of Metal Products, N.E.C.)

700. Occupations in fabrication, assembly, and repair of jewelry, silverware, and related products
(Fabrication, assembly, and repair of jewelry, silverware, and related products)
701. Occupations in fabrication, assembly, and repair of tools and related products
(Fabrication, assembly, and repair of tools and related products)
703. Occupations in assembly and repair of sheet-metal products, n.e.c.
(Sheet-metal products assembly and repair, n.e.c.)
704. Engravers, etchers, and related occupations
(Engraving, etching, and related work)
705. Filing, grinding, buffing, cleaning, and polishing occupations, n.e.c.
(Filing, grinding, buffing, cleaning, and polishing, n.e.c.)
706. Metal unit assemblers and adjusters, n.e.c.
(Metal unit assembling and adjusting, n.e.c.)
709. Miscellaneous occupations in fabrication, assembly, and repair of metal products, n.e.c.
(Fabrication, assembly, and repair of metal products, n.e.c.)

71 Occupations in Fabrication and Repair of Scientific and Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products
(Fabrication and Repair of Scientific and Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products)

710. Occupations in fabrication and repair of instruments for measuring, controlling, and indicating physical characteristics
(Fabrication and repair of instruments for measuring, controlling, and indicating physical characteristics)
711. Occupations in fabrication and repair of optical instruments and lenses
(Fabrication and repair of optical instruments and lenses)
712. Occupations in fabrication and repair of surgical, medical, and dental instruments and supplies
(Fabrication and repair of surgical, medical, and dental instruments and supplies)
713. Occupations in fabrication and repair of ophthalmic goods
(Fabrication and repair of ophthalmic goods)
714. Occupations in fabrication and repair of photographic equipment and supplies
(Fabrication and repair of photographic equipment and supplies)
715. Occupations in fabrication and repair of watches, clocks, and parts
(Fabrication and repair of watches, clocks, and parts)
716. Occupations in fabrication and repair of engineering and scientific instruments and equipment, n.e.c.

n.e.c. - not elsewhere classified

Figure 2 - Bench Work Occupations Codes

(Fabrication and repair of engineering and scientific instruments and equipment, n.e.c.)

719. Occupations in fabrication and repair of scientific and medical apparatus, photographic and optical goods, watches and clocks, and related products, n.e.c.
(Fabrication and repair of scientific and medical apparatus, photographic and optical goods, watches and clocks, and related products, n.e.c.)

72 Occupations in Assembly and Repair of Electrical Equipment
(Assembly and Repair of Electrical Equipment)

720. Occupations in assembly and repair of radio and television receiving sets and phonographs
(Assembly and repair of radio and television receiving sets and phonographs)

721. Occupations in assembly and repair of motors, generators, and related products
(Assembly and repair of motors, generators, and related products)

722. Occupations in assembly and repair of communications equipment
(Communications equipment assembly and repair)

723. Occupations in assembly and repair of electrical appliances and fixtures
(Assembly and repair of electrical appliances and fixtures)

724. Occupations in winding and assembling coils, magnets, armatures, and related products
(Winding and assembly of coils, magnets, armatures, and related products)

725. Occupations in assembly of light bulbs and electronic tubes
(Assembly of light bulbs and electronic tubes)

726. Occupations in assembly and repair of electronic components and accessories, n.e.c.
(Assembly and repair of electronic components and accessories, n.e.c.)

727. Occupations in assembly of storage batteries
(Storage battery assembly)

728. Occupations in fabrication of electrical wire and cable
(Fabrication of electrical wire and cable)

729. Occupations in assembly and repair of electrical equipment, n.e.c.
(Assembly and repair of electrical equipment, n.e.c.)

73 Occupations in Fabrication and Repair of Products Made from Assorted Materials
(Fabrication and Repair of Products Made from Assorted Materials)

730. Occupations in fabrication and repair of musical instruments and parts
(Fabrication and repair of musical instruments and parts)

731. Occupations in fabrication and repair of games and toys
(Fabrication and repair of games and toys)

732. Occupations in fabrication and repair of sporting goods
(Fabrication and repair of sporting goods)

733. Occupations in fabrication and repair of pens, pencils, and office and artists' materials, n.e.c.
(Fabrication and repair of pens, pencils, and office and artists' materials, n.e.c.)

n.e.c. - not elsewhere classified

Figure 2 - Bench Work Occupations Codes (Continued)

734. Occupations in fabrication and repair of notions
(Fabrication of notions)
735. Occupations in fabrication and repair of jewelry, n.e.c.
(Fabrication and repair of jewelry, n.e.c.)
736. Occupations in fabrication and repair of ordnance and accessories
(Fabrication and repair of ordnance and accessories)
737. Occupations in fabrication of ammunition, fireworks, explosives, and related products
(Fabrication of ammunition, fireworks, explosives, and related products)
739. Occupations in fabrication and repair of products made from assorted materials, n.e.c.
(Fabrication and repair of products made from assorted materials, n.e.c.)

74 Painting, Decorating, and Related Occupations
(Painting, Decorating, and Related Work)

740. Painters, brush
(Brush painting)
741. Painters, spray
(Spray painting)
742. Staining, waxing, and related occupations
(Staining, waxing, and related work)
749. Painting, decorating, and related occupations, n.e.c.
(Painting, decorating, and related work, n.e.c.)

75 Occupations in Fabrication and Repair of Plastics, Synthetics, Rubber, and Related Products
(Fabrication and Repair of Plastics, Synthetics, Rubber, and Related Products)

750. Occupations in fabrication and repair of tires, tubes, tire treads, and related products
(Fabrication and repair of tires, tubes, tire treads, and related products)
751. Laying out and cutting occupations, n.e.c.
(Laying out and cutting, n.e.c.)
752. Fitting, shaping, cementing, finishing, and related occupations, n.e.c.
(Fitting, shaping, cementing, finishing, and related work, n.e.c.)
753. Occupations in fabrication and repair of rubber and plastic footwear
(Fabrication and repair of rubber and plastic footwear)
754. Occupations in fabrication and repair of miscellaneous plastics products
(Fabrication and repair of miscellaneous plastics products)
759. Occupations in fabrication and repair of plastics, synthetics, rubber, and related products, n.e.c.
(Fabrication and repair of plastics, synthetics, rubber, and related products, n.e.c.)

76 Occupations in Fabrication and Repair of Wood Products
(Fabrication and Repair of Wood Products)

760. Bench carpenters and related occupations

n.e.c.-not elsewhere classified

Figure 2 - Bench Work Occupations Codes (Continued)

(Bench carpentry and related work)

761. Occupations in laying out, cutting, carving, shaping, and sanding wood products, n.e.c.
(Laying out, cutting, carving, shaping, and sanding, n.e.c.)

762. Occupations in assembling wood products, n.e.c.
(Assembly of wood products, n.e.c.)

763. Occupations in fabrication and repair of furniture, n.e.c.
(Fabrication and repair of furniture, n.e.c.)

764. Cooperage occupations
(Cooperage)

769. Occupations in fabrication and repair of wood products, n.e.c.
(Fabrication and repair of wood products, n.e.c.)

77 Occupations in Fabrication and Repair of Sand, Stone, Clay, and Glass Products
(Fabrication and Repair of Sand, Stone, Clay, and Glass Products)

770. Occupations in fabrication and repair of jewelry, ornaments, and related products
(Fabrication and repair of jewelry, ornaments, and related products)

771. Stone cutters and carvers
(Stone cutting and carving)

772. Glass blowing, pressing, shaping, and related occupations, n.e.c.
(Glass blowing, pressing, shaping, and related work, n.e.c.)

773. Occupations in coloring and decorating brick, tile, and related products
(Coloring and decorating brick, tile, and related products)

774. Occupations in fabrication and repair of pottery and porcelain ware
(Fabrication and repair of pottery and porcelain ware)

775. Grinding, filing, polishing, frosting, etching, cleaning, and related occupations, n.e.c.
(Grinding, filing, polishing, frosting, etching, cleaning, and related work, n.e.c.)

776. Occupations in fabrication and repair of asbestos and polishing products, abrasives, and related materials
(Fabrication and repair of asbestos and polishing products, abrasives, and related materials)

777. Modelmakers, patternmakers, moldmakers, and related occupations
(Modelmaking, patternmaking, moldmaking, and related work)

779. Occupations in fabrication and repair of sand, stone, clay, and glass products, n.e.c.
(Fabrication and repair of sand, stone, clay, and glass products, n.e.c.)

78 Occupations in Fabrication and Repair of Textile, Leather, and Related Products
(Fabrication and Repair of Textile, Leather, and Related Products)

780. Occupations in upholstering and in fabrication and repair of mattresses and bedsprings
(Upholstering and mattress and bedspring fabrication and repair)

781. Laying out, marking, cutting, and punching occupations, n.e.c.
(Laying out, marking, cutting, and punching, n.e.c.)

n.e.c. - not elsewhere classified

Figure 2 - Bench Work Occupations Codes (Continued)

782. Hand sewers, menders, embroiderers, knitters, and related occupations, n.e.c.
(Handsewing, mending, embroidering, knitting, and related work, n.e.c.)
783. Fur working occupations
(Fur working)
784. Occupations in fabrication and repair of hats, caps, gloves, and related products
(Fabrication and repair of hats, caps, gloves, and related products)
785. Tailors and dressmakers
(Tailoring and dressmaking)
786. Sewing machine operators, garment
(Machine sewing, garment)
787. Sewing machine operators, nongarment
(Machine sewing, nongarment)
788. Occupations in fabrication and repair of footwear
(Fabrication and repair of footwear)
789. Occupations in fabrication and repair of textile, leather, and related products, n.e.c.
(Fabrication and repair of textile, leather, and related products, n.e.c.)

79 Bench Work Occupations, N.E.C.
(Bench Work, N.E.C.)

790. Occupations in preparation of food, tobacco, and related products, n.e.c.
(Preparation of food, tobacco, and related products, n.e.c.)
794. Occupations in fabrication of paper products, n.e.c.
(Fabrication of paper products, n.e.c.)

n.e.c. - not elsewhere classified

Figure 2 - Bench Work Occupations Codes (Continued)

DWMSTDP BENCH WORK OCCUPATION CODES

Code	Occupation	Work Description
701	Occupations in fabrication assembly, and repair of tools and related products (Fabrication, assembly and repair of tools and related products)	Hand forging, straightening, tempering, sharpening, assembling, repairing, and reconditioning handtools used in woodworking, metalworking, ceramics, construction, mechanics, agriculture, masonary, sheet metal, jewelry, and watchmaking; setting, filing, welding, or otherwise reconditioning twist drills, reamers, lathe bits and other cutting tools used in power and machine tools.
704	Engravers, etchers, and related occupations (Engraving, etching, and related work)	Engraving or etching designs or lettering into surface of flat or curved metal objects, using engravers' handtools and machines or etching acids and inks. Photoengravers and printing plate engravers are included in Division 97.
705	Filing, grinding, buffing, cleaning, and polishing occupations, n.e.c. (Filing, grinding, buffing, cleaning and polishing, n.e.c.)	Filing, grinding, buffing, cleaning, and polishing metal parts or objects other than by use of production machines, not elsewhere classified. Tool sharpening is included in Group 701.
706	Metal unit assemblers and adjusters, n.e.c. (Metal unit assembling and adjusting, n.e.c.)	Assembling and adjusting metal units or components, including mechanical assembling or adjusting not requiring overall mechanical knowledge, not elsewhere classified. Electrical assembling and adjusting is included in Division 72.
709	Miscellaneous occupations in fabrication, assembly, and repair of metal products, n.e.c. (Fabrication, assembly, and repair of metal products, n.e.c.)	Fabricating, assembling, and repairing metal products, not elsewhere classified.
710	Occupations in fabrication and repair of instruments for measuring, controlling, and indicating physical characteristics (Fabricating and repair of instruments for measuring, controlling, and indicating physical characteristics)	Fabricating and repairing instruments for measuring, controlling, and indicating temperature, pressure and vacuum, fluid flow, liquid level, mechanical motion, rotation, humidity, density, acidity or alkalinity, and combustion including those used to control home air-conditioning and heating systems and as components in household appliances; dial pressure gauges, scales and balances; and

n.e.c.-not elsewhere classified

Figure 3 - Work Description of DWMSTDP Bench Work Occupation Codes

* DWMSTDP BENCH WORK OCCUPATION CODES

Code	Occupation	Work Description
710 (continued)		apparatus for testing such physical properties as hardness, tension, torsion, compression, and elasticity. Instruments for measuring, recording, and controlling electrical characteristics are included in Division 72.
720	Occupations in assembly and repair of radio and television receiving sets and phonographs (assembly and repair of radio and television receiving sets and phonographs)	Assembling and repairing radio and television receivers, recorders, phonographs and related items. Occupations concerned with sound recording and transcription are included in Group 194.
721	Occupations in assembly and repair of motors, generators, and related products (assembly and repair of motors, generators, and related products)	Assembling and repairing electric motors, power generators, motor-generator sets, railway motors and control equipment; and motors, generators, and control equipment for gasoline-electric and oil-electric buses and trucks. Winding and assembling coils, magnets, armatures and related components are included in Group 724.
726	Occupations in assembly and repair of electronic components and accessories, n.e.c. (assembly and repair of electronic components and accessories, n.e.c.)	Fabricating resistors, inductors, transformers, capacitors, crystals, diodes, semiconductors (solid state), potentiometers and controls, printed circuitry, harness, and similar products for electronic end products, and assembling and repairing accessories, such as speakers, antennas, and related items, not elsewhere classified.
728	Occupations in fabrication of electrical wire and cable (Fabrication of electrical wire and cable)	Fabrication of bare, insulated, shielded, enameled, or waxed electrical conductors made from purchased wire.
729	Occupations in fabrication of electrical wire and cable (Fabrication of electrical wire and cable)	Assembling, fabricating or repairing electrical equipment.

n.e.c. - not elsewhere classified

Figure 3 - Work Description of DWMSTDP Bench Work Occupation Codes (Continued)

DWMSTDP BENCH WORK OCCUPATION CODES *

Code	Occupation	Work Description
739	Occupations in fabrication and repair of products made from assorted materials (Fabrication and repair of products made from assorted materials, n.e.c.)	Fabricating and repairing products from assorted materials, not elsewhere classified.
740	Painters, brush (Brush painting)	Covering or decorating surfaces using brushes.
754	Occupations in fabrication and repair of miscellaneous plastics products (Fabrication and repair of miscellaneous plastics products)	Bench molding, fitting, and finishing plastics and fiber glass products. Structural work is included in Division 80.
763	Occupations in fabrication and repair of furniture, n.e.c. (Fabrication and repair of furniture, n.e.c.)	Inlaying, installing, molding, weaving, polishing, and related activities concerned with fabricating and repairing furniture, not elsewhere classified.
780	Occupations in upholstering and in fabrication and repair of mattresses and bedsprings (Upholstering and mattress and bedspring fabrication and repair)	Upholstering such products as furniture, automobile seats, and caskets, and forming, stuffing, and assembling padding, mattress and bedsprings.
781	Laying out, marking, cutting, and punching occupations, n.e.c. (Laying out, marking, cutting, and punching occupations. n.e.c.)	Laying out, marking, cutting, and punch ing garment, canvas goods, and house furnishing parts from single or multiple layers of material preparatory to piecing up, fitting, and stitching, or machine sewing, not elsewhere classified.
782	Hand sewers, menders, embroideres, knitters, and related occupations, n.e.c. (Handsewing, mending, embroidering, knitting, and related work, n.e.c.)	Basting, trimming, stitching, and related handwork to join, shape, decorate, finish, or repair garments and accessories or related products. Price being the controlling factor, this work is most extensively performed on fine-quality garments and tailored apparel, not elsewhere classified.
787	Sewing machine operator, nongarment (Machine sewing, nongarment)	Machine sewing textile, leather, fur and related products, except garments defined in GARMENT INDUSTRY.

n.e.c.-not elsewhere classified

Figure 3 - Work Description of DWMSTDP Bench Work Occupation Codes (Continued)

* DWMSTDP BENCH WORK OCCUPATION CODES

Code	Occupation	Work Description
789	Occupations in fabrication and repair of textile, leather, and related products, n.e.c. (Fabrication and repair of textile leather, and related products, n.e.c.)	Fabricating and repairing textile, leather, fur and related products, not elsewhere classified.
794	Occupations in fabrication of paper products, n.e.c. (Fabrication of paper products, n.e.c.)	Assembling boxes and envelopes from pre-cut blanks and assembling party favors, not elsewhere classified.

n.e.c.-not elsewhere classified

Figure 3 - Work Description of DWMSTDP Bench Work Occupation Codes (Continued)

BENCH WORK OCCUPATIONS WORK CATEGORY CODES

Work Category	Code	Definition
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.)
Disassembly/Assembly	DA	The action(s) required to remove, install or replace assemblies or components parts when the primary purpose is to place an object(s) or part(s) on or into another object or part so that they fit, connect or are secured to each other to form a unit. These actions do not include fabrication of parts or items. This category generally applies to special or higher level data.
Dip	DP	Motions necessary to dip or immerse an object in liquid or paste and/or remove excess. (Examples: dip brush, cloth, stick, parts, hand, finger)
Fabricate	FA	The actions required to manufacture, form or produce an item from raw or new material by shaping, cutting or forming by hand or mechanical means. This category generally applies to special or higher level data.
Gauge and Measure	GM	The procedure by which the size, amount, extent or capacity of an item is determined. (Examples: bisect, gauge, mike, square, weigh)
Identify	ID	The process and motions required to stamp, tab, label, or mark cards, folders, or objects to provide for locating, reorganizing or comparing. The actions necessary to reorganize, match or compare similar characteristics.

Figure 4 - Major Categories Used In Coding Bench Work Occupations Data

Work Category	Code	Definition
Inspect and Test	IT	The procedure or action by which an item is subject to comparisons or measurements to determine its qualities for use. (Examples: use of indicating gauge, use of feeler gauge, eye times, check mandrel for run-out)
Job Preparation	JP	The actions required to prepare an object, work place, or employee, or any combination of the three for ensuing work. NOTE: Excluded from this category are layout, packaging and machine setup.
Nonthreaded Fastener	NF	The permanent or semipermanent holding or locking of mating actions by other than threads or clamping actions.
Object Handling	OH	The process of manually moving an object for the purpose of changing its location, position, or alignment. The movement path may or may not be fixed. The primary purpose of this handling is not to activate another object or device.
Paint	PA	To cover a surface by applying or spreading a liquid or paste with a brush, spray gun, or roller. (Examples: paint, varnish, lacquer, shellac, wax)
Package	PK	Preparing an object for shipping or storing or removing an 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 Methods Time Measurement. Process time may be obtained by stopwatch, manufacturers' specs or formulae.
Read	RD	Perception and comprehension of readily distinguishable words, letters, or numbers. (Examples: Read individual word or number, read sequence of words)
Surface Repair	SR	The process by which the surface of an object is changed or modified to restore the object to a servicable condition. This category generally applies to special

Figure 4 - Major Categories Used In Coding Bench Work Occupations Data (Continued)

Work Category	Code	Definition
Surface Repair (cont)	SR	or higher level data.
Setup	SU	The initial preparation of machinery and/or powered equipment necessary to perform work on an object and/or the subsequent "Tear Down".
Threaded Fastener	TF	Tightening or loosening a threaded object-bolt, nut, screws, or handknob by hand. (Examples: finger turn-per thread, spin, tighten or loosen-moderate pressure)
Tool Use	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, scissor, needle for sewing)
Tool, Powered - Hand-held	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 neumatic wrench)
Vising	VS	The action required to accomplish the non-manual holding of object(s) with a vise, while repairs, modifications, or manufacturing operations are being performed. (Examples: tighten or loosen vise, rotate vise, quick acting vise).
Wire Handling	WH	Elements of work associated with the build up, installation, or repair of circuitry such as electrical, electronic, or telephonic.

Figure 4 - Major Categories Used In Coding Bench Work Occupations Data (Continued)

DEFENSE WORK MEASUREMENT STANDARD TIME DATA PROGRAM (DWMSTDP)

BENCH WORK OCCUPATIONS

PART TWO - STANDARD TIME DATA

SECTION I - INDEXES

This provides four indexes as follows:

The Occupation Code Index which includes the page location for each Code in both the DWMSTDP Element Index and the DWMSTDP Element Listing, page A-1 through A-3.

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 DWMSTDP operation/element description, pages C-1 through C-20

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739	Occupations in fabrication and repair of products made from assorted materials, n.e.c. (Fabrication and repair of products made from assorted materials, n.e.c.)	B-16	111
74X	Printing, Decorating and Related Occupations, Common	B-17	116
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7XX	MAA	SCLCCXX	VARIABLE	COMPONENT,CLEAN WITH BRUSH AND SOLVENT	1
7XX	MAA	SDABIXX	VARIABLE	BEARING OR GEAR,INSTALL	
7XX	MAA	SDABRXX	VARIABLE	BEARING OR GEAR,REMOVE	
7XX	MAA	SDACIXX	VARIABLE	COVER/PANEL(ACCESS),INSTALL AND REMOVE	
7XX	MUA	SDACRXX	VARIABLE	COUPLER/GEAR/SLEEVE OR COLLAR,REMOVE AND INSTALL WITH PIN OR CLAMP AND SET SCREW	2
7XX	MAA	SDAKIXX	VARIABLE	KNOB/POINTER,INSTALL WITH NORMAL ACCESS(HAND OR TOOL)	
7XX	MAA	SDAKRXX	VARIABLE	KNOB/POINTER,REMOVE(HAND OR TOOL)	3
7XX	MAA	SDAMI01	1490	MOUNT(SHOCK),INSTALL	
7XX	MAA	SDAMR01	1170	MOUNT(SHOCK),REMOVE	
7XX	MAA	SDAPC01	645	PLUG(CANNON),CONNECT	
7XX	MAA	SDAPC02	989	PLUG(JONES),CONNECT	
7XX	MAA	SDAPD01	564	PLUG(CANNON),DISCONNECT	
7XX	MAA	SDAPD02	901	PLUG(JONES),DISCONNECT	
7XX	MAA	SDAPD03	420	PLUG(PULSE CABLE),DISCONNECT	4
7XX	MAA	SDAPI01	144	PART(SMALL),INSTALL AND POSITION WITH TWEEZERS	
7XX	MAA	SDAPI02	179	PLUG(BUTTON)AND GASKET,INSTALL	
7XX	MAA	SDAPR01	2790	PART OR MODULE,REPLACE	
7XX	MAA	SDAPR02	153	PLUG(BUTTON),REMOVE	
7XX	MAA	SDAPR03	587	PART(THREADED-STAKED),REMOVE	
7XX	TUL	MIDPL01	91	POINT(ON CHASSIS OR TERMINAL BOARD),LOCATE/FIND	
7XX	TAA	MIDPL02	143	POINT,LOCATE ON CHASSIS OR TERMINAL BOARD	
7XX	MAA	SIDCSXX	VARIABLE	CHARACTER(S),STAMP IN METAL	5
7XX	MAA	MITGRXX	VARIABLE	GAUGE/METER,READ	
7XX	MAA	SITCCXX	VARIABLE	COMPONENT,CLEAN AND INSPECT	
7XX	MAA	SITSTXX	VARIABLE	SPRING,TEST	
7XX	MAA	SITST03	1540	SPRING,TEST	6
7XX	MAA	MJPEPXX	VARIABLE	EYE LOUPE(FRAME/EYE HELD),PREPARE TO USE	
7XX	MAO	MJPPP01	143	PROTECTORS(VISE JAW),PLACE	
7XX	MAO	MJPVS01	135	VISE,SWIVEL TO DESIRED WORK POSITION	
7XX	MAW	SJPDP01	451	DRILL(PORTABLE),PREPARE TO USE	
7XX	MAO	SJPDS01	1199	DRILL(PORTABLE-MAGNETIC BASE),SET UP	
7XX	MAA	SJPMPXX	VARIABLE	MOTOR(AIR),PREPARE FOR USE,ASIDE	7
7XX	MAA	SLULAXX	VARIABLE	LUBRICANT,APPLY TO GASKET/"O"RING	
7XX	MAA	SLULA05	243	LUBRICANT,APPLY TO SPOT WITH HYPODERMIC SYRINGE	

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7XX	MAA	SLUOAXX	VARIABLE	OIL(LIGHT),APPLY WITH SYRINGE	7
7XX	MAA	SLUSF01	784	SYRINGE(HYPODERMIC),FILL WITH LIGHT OIL	
7XX	MAA	MNFCI01	95	COVER(PROTECTIVE-CLAMP ON TYPE),INSTALL ON PART	
7XX	MAA	MNFCI02	116	COVER(PROTECTIVE-EXPANDABLE BAND TYPE),INSTALL ON PART	8
7XX	MAA	MNFCR01	78	COVER(PROTECTIVE-CLAMP ON TYPE),REMOVE FROM PART	
7XX	MAA	MNFPBXX	VARIABLE	PIN,BEND WITH PLIERS	
7XX	MAA	MOHCCXX	VARIABLE	COVER(HINGED),CLOSE	
7XX	MAA	MOHCI01	255	COVER(HINGED-PIN TYPE),INSTALL AND CLOSE	
7XX	MAA	MOHCOXX	VARIABLE	COVER,OPEN	
7XX	MAA	MOHCPXX	VARIABLE	COVER(WRAP AROUND OR CAP SHAPED),PLACE ON UNIT	9
7XX	MAA	MOHCRXX	VARIABLE	COVER(WRAP AROUND OR CAP SHAPED),REMOVE FROM UNIT/ITEM	
7XX	TAA	MOHODXX	VARIABLE	OBJECT,DISENGAGE	
7XX	MAA	MOHPIXX	VARIABLE	PLATE(FLAT ACCESS COVER),INSTALL AND REMOVE	10
7XX	MAA	MOHPPXX	VARIABLE	PART,PLACE IN HOLE	
7XX	MAA	SOHCPXX	TABLE	COVER(BOX TYPE),PLACE ON UNIT	
7XX	MAA	SOHCRXX	TABLE	COVER(BOX TYPE),REMOVE FROM UNIT	
7XX	MAA	SOHGTXX	VARIABLE	GEAR(SINGLE OR TRAIN),TURN TO POSITION,BY HAND	11
7XX	MAA	SOHPRXX	VARIABLE	PART(MATING),REMOVE AND INSTALL	
7XX	MAA	SOHPR05	83	PART(SINGLE ALIGN),REMOVE PART OUT OF HOLE OR OFF STUD	
7XX	MAA	MPAGAXX	VARIABLE	GLYPTAL/DOPE,APPLY TO SCREW OR NUT	
7XX	TBA	MPTLS01	95	LEAD(GROUND)OR TAB,SOLDER OR UNSOLDER	
7XX	MAA	MRDTRXX	VARIABLE	TECHNICAL ORDER(OUT LINE/RECAP),READ	
7XX	MAA	SSUVS01	3028	VARI-DRIVE,SET UP,ATTACH SPLINE AND ADAPTER SPLINE TO SHAFT	12
7XX	MAA	SSUVS02	1476	VARI-DRIVE,SET UP,REMOVE ADAPTER SPLINE AND SPLINE FROM SHAFT	
7XX	MAA	SSUVS03	10180	VARI-DRIVE,SET UP,ATTACH AND REMOVE ADAPTER	
7XX	MAA	SSUVS04	14850	VARI-DRIVE,SET UP,ATTACH AND REMOVE COMPONENT TO/FROM VARI-DRIVE HEAD	
7XX	MAA	MTFPPXX	VARIABLE	PART,PREPARE FOR MOUNTING	
7XX	MAA	STFPR01	375	PART(THREADED),REPLACE BY HAND(UNPACK NEW PART)	
7XX	MAA	STFPR02	235	PART(THREADED),REPLACE [illegible]	13
7XX	MAF	MTLPR01	208	PLASTIC COVER,PEEL [illegible]	
7XX	MAA	STLAIXX	VARIABLE	ADAPTER AND PLUG,[illegible]	
7XX	MAA	STLARXX	VARIABLE	ADAPTER/PLUG,REMOVE	

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7XX	MAA	STLHPXX	VARIABLE	HOLE,PUNCH WITH HAMMER AND HOLLOW POINT PUNCH	13
7XX	MAF	STLPP01	144	PARTS,PRY APART WITH HAMMER AND CHISEL	
7XX	FAA	STPDHXX	TABLE	HOLE,DRILL IN STEEL(HAND DRILL-POWERED)	14
7XX	MUA	STPHCXX	TABLE	HOLE,COUNTERBORE IN ALUMINUM	
7XX	MAA	STPHDXX	VARIABLE	HOLE,DRILL IN ALUMINUM(HAND DRILL POWERED)	15
7XX	MUA	STPMCXX	TABLE	MATERIAL,COUNTERSINK(MICRO)	16
7XX	MAA	MVSORXX	VARIABLE	OBJECT,RELEASE FROM STRAP VISE(HYDRAULIC)	
7XX	MUA	MVSOSXX	VARIABLE	OBJECT,SECURE IN STRAP VISE(HYDRAULIC OPERATE)	
70X	MUO	SCPFIXX	VARIABLE	FASTENER(CLECO),INSTALL(TEMPORARY)	
70X	MUO	SCPFRXX	VARIABLE	FASTENER(CLECO),REMOVE	
70X	MAA	SDAGRXX	VARIABLE	GEAR(WORM),REAM AND INSTALL	17
70X	MAW	MTLSUXX	VARIABLE	SNIPS(TIN),USE TO CUT SHEET METAL TO 22 GAUGE	
70X	MAA	TTLTCXX	TABLE	THREAD(EXTERNAL),CHASE	
701	MAA	SITWS01	3503	WRENCH(TORQUE),SET AND TEST TORQUE	
704	MAF	MCLSC01	57	SHAVINGS,CLEAN FROM ONE LETTER WITH SCRIBE (PLASTIC MATERIAL)	
704	MAF	MJPCS01	55	COPY(MASTER),SELECT FROM RACK ON WALL(PER LETTER)	
704	MAF	MJPCS02	26	COPY(MASTER),SELECT FROM WORK BENCH(PER LETTER)	
704	MAA	MOHSM01	19	STYLE(PANTOGRAPH MACHINE),MOVE TO NEXT LINE	18
704	MAA	MPALFXX	VARIABLE	LETTER(ENGRAVED),FILL WITH ENGRAVERS CRAYON	
704	MAF	SSUBL01	174	BOLT(ARM),LOOSEN AND TIGHTEN	
704	MAF	SSUCL01	483	CLAMP(MACHINE TABLE),LOOSEN AND TIGHTEN	
704	MAF	SSUGR01	86	GIB(PANTOGRAPH MACHINE),REMOVE AND INSERT FROM HOLDING TABLE(PER GIB)	
704	MAF	SSUTAXX	VARIABLE	TABLE(MACHINE),ADJUST WITH CRANK(PANTOGRAPH)	
704	MAF	SSUTA03	60	TABLE(MACHINE),ADJUST FOR DEPTH OF CUT (PANTOGRAPH)	
704	MAA	SSUTI01	67	TYPE MASTER(PANTOGRAPH MACHINE),INSERT AND REMOVE	19
704	MAF	MTFSL01	51	SCREW(THUMB),LOOSEN OR TIGHTEN,ON GIB	
704	MUF	MTPLEXX	VARIABLE	LETTER,ENGRAVE(PANTOGRAPH),IN METAL,BAKELITE OR PLASTIC	
705	TUA	SCLOBXX	VARIABLE	OBJECT,BUFF WITH WIRE WHEEL	
705	MBW	MTLHBXX	VARIABLE	HOLE,BURR	20
705	MBW	MTLTFXX	VARIABLE	TOOTH(GEAR-END),FILE	
705	MBW	TTLEFXX	TABLE	EDGE,FILE	
705	MAW	TTLFUXX	TABLE	FILE,USE TO REMOVE MATERIAL	21
705	MUA	STLHSXX	VARIABLE	HOLE,SLOT WITH FILE	

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705	MBW	MTPEGXX	VARIABLE	EDGE,GRIND TO BURR(MACHINE)	21
705	MUF	MTPSB01	434	SIGN(PLEXIGLASS),BUFF EDGES ON BUFFING MACHINE	
705	MUF	MTPSS01	367	SIGN,SAND WITH DISC SANDER	
705	TUA	STPBGXX	VARIABLE	BALANCE,GRIND	
706	MAA	SNFPI01	609	PINS,INSTALL	22
706	MAA	STLBC01	886	BLADE,CHANGE	
709	TBA	MCLSWXX	VARIABLE	SOLUTION(ZYGLO),WASH FROM PART ON PALLET	
709	MAA	SCLFC01	450	FITTING(AIRCRAFT CONTROL CABLE),CLEAN	
709	MAA	SDAPP01	5608	PART,PREPARE TO DRILL AND REAM COUPLER,GEAR HUB,SLEEVE OR COLLAR	
709	MAA	MOPCPXX	VARIABLE	CABLE(AIRCRAFT CONTROL),PRESERVE	
709	MAA	SGMCMXX	VARIABLE	CABLE(AIRCRAFT CONTROL),MEASURE AND CUT	23
709	MAA	MITODXX	VARIABLE	OBJECT,DEMAGNETIZE WITH COIL	
709	MAA	MITOMXX	VARIABLE	OBJECT,MAGNETIZE FOR MAGNAGLO INSPECTION	
709	MUA	SITCTXX	VARIABLE	CABLE(AIRCRAFT CONTROL),TEST	
709	MAA	SITDIXX	VARIABLE	DYE PENETRANT,INSPECT,METAL SURFACE,PER 12 SQUARE INCHES	24
709	TUA	SITIPXX	VARIABLE	PART,INSPECT BY MAGNAGLO PROCESS	
709	TBA	SITIP06	420	PART(VERY SMALL),INSPECT WITH MAGNAFLUX MACHINE	
709	MUA	SITIZXX	VARIABLE	PART,INSPECT(ZYGLO)	25
709	MAA	SITOIXX	VARIABLE	OBJECT,INSPECT WITH BLACK LIGHT	
709	TAA	SITPD01	736	PART(VERY LARGE),DIP AND SPRAY WITH ZYGLO SOLUTION	
709	MUA	SITPIXX	TABLE	PART(ENGINE),INSPECT(ZYGLO)	26
709	MAA	SITPMXX	TABLE	PART,MAGNAFLUX	
709	TBA	SITPZ01	8035	PARTS,INSPECT WITH BLACK LIGHT(ZYGLO)	27
709	TUA	SITSAXX	VARIABLE	SOLUTION(MAGNETIC),APPLY TO PART	
709	TBA	SITSSXX	VARIABLE	SOLUTION(ZYGLO),SPRAY ON PART	
709	MAA	SITTI01	1440	TERMINAL(BALL),INSPECT,AIRCRAFT CONTROL CABLE	
709	MAA	MJPIP01	165	INSPECTION(MAGNAGLO),PREPARE TO PERFORM	
709	MAA	SNFRI01	314	RIVETS,INSTALL WITH HAMMER AND PUNCH	
709	MAA	SNFRRXX	VARIABLE	RIVET,REMOVE WITH DRILL,HAMMER AND PUNCH	28
709	MAA	SOHCD01	380	COMPONENT,DEMAGNETIZE	
709	TBA	SPTPD01	393	TABLE(DIP),RAISE AND LOWER	
709	MAA	SSUPSXX	VARIABLE	PROOFLOADER(AIRCRAFT CONTROL CABLE),SET UP AND INSTALL EXTENSION CABLE	
709	MAA	SSUSS01	1192	SWAGER(AIRCRAFT CONTROL CABLE),SET UP AND TAKE DOWN	

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709	MAA	SSUSS02	2524	SWAGER(AIRCRAFT CONTROL CABLE),SET UP	28
709	MUO	MTLRUXX	VARIABLE	REAMER(HAND),USE,PER 1/4 INCH DEPTH OF HOLE	29
709	MAA	STLFS01	3000	FITTING(AIRCRAFT CONTROL CABLE),SALVAGE	
709	MAA	STLHTXX	VARIABLE	HOLE,TAP	
709	MAA	STLSIXX	VARIABLE	SLEEVE(NICOPRESS),INSTALL(CRIMP)	
710	TUA	SDABCXX	VARIABLE	BAND(SEALING),CLEAN AND REMOVE FROM INSTRUMENT	30
710	MAA	SDACI01	4798	COMPONENT(PIGTAIL),INSTALL	
710	MBA	SDACRXX	VARIABLE	CASE(INSTRUMENT),REPAIR	31
710	MAA	SDACR06	383	CUPS(TERMINAL-GYRO MOTOR),REMOVE	
710	MAA	SDADR01	4006	DIAL(PRESSURE GAUGE),REMOVE AND REPLACE	
710	TUA	SDAGR01	1644	GUARD(GYRO HEADER PIN),REMOVE	
710	EUA	SDAHT01	2687	HOUSING AND CAP(LARGE GYRO MOTOR),TIN MATING EDGES	
710	EUA	SDAHU01	3768	HOUSING(GYRO MOTOR),UNSEAL,TIN MATING EDGES	32
710	EUA	SDAHU02	6976	HOUSING(GYRO MOTOR-MEDIUM),UNSEAL	
710	TUA	SDAISXX	VARIABLE	INSTRUMENT,SEAL WITH SOLDERING IRON	
710	MUA	SDAIUXX	VARIABLE	INSTRUMENT,UNSEAL WITH IRON	
710	MUA	SDAIU04	22470	INSTRUMENT,UNSEAL WITH INDUCTION HEATER	
710	MAA	SDALR01	1876	LENS(GAUGE),REPLACE IN GAUGE	
710	EUA	SDAMU01	14270	MOTOR(GYRO-LARGE),UNSEAL	33
710	EUA	SDAMU02	14677	MOTOR(GYRO-MEDIUM),UNSEAL AND SEPARATE INTO SUB-ASSEMBLIES	
710	EUA	SDANUXX	VARIABLE	NUT(GYRO MOTOR),UNSEAL	
710	MAA	SDAPI01	375	POINTER(PRESSURE GAUGE),INSTALL	
710	MUA	SDAPP01	1900	PLUG(SEALING),POSITION AND SOLDER TO INSTRUMENT	
710	MAA	SDAPR01	1856	POINTER(GAUGE OR INSTURMENT),REPLACE	34
710	MUA	SDAPR02	1950	PLUG(SEALING),REMOVE FROM INSTRUMENT	
710	MAA	SDASP01	6300	SPRING(HAIR),POSITION	
710	EUA	SDASR01	2666	SOLDER(EXCESS),REMOVE FROM SEAL EDGES OF CAP AND HOUSING(GYRO MOTOR)	
710	EUA	SDASR02	2638	SOLDER(EXCESS),REMOVE FROM SEAL NUT HOLE(GYRO MOTOR)	
710	EUA	SDASR03	3398	SOLDER(EXCESS)AND WEIGHTS,REMOVE FROM EXTERIOR OF LARGE GYRO MOTOR	
710	MUA	SDATR01	1582	TUBE(BOURDON),REMOVE AND REPLACE	
710	EUA	SDATU01	969	TUBE(EVACUATION-LARGE GYRO MOTOR),UNSEAL	35
710	MAA	MITIT01	1370	INSTRUMENT,TEST(SET UP FOR LEAK TEST)BENCH	
710	MAA	MITIT02	1370	INSTRUMENT,TEST FOR LEAKS	

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710	TUA	MITIT03	1340	INSTRUMENT,TEST(REPAIR ONE LEAK)PER LEAK	35
710	MUA	MITIT04	2160	INSTRUMENT,TEST(PURGE AND GAS FILL)	
710	TUA	MITIT05	1550	INSTRUMENT,TEST(SEAL FILL TUBE)	
710	TUA	MITIT06	2750	INSTRUMENT,TEST(SEAL WITH SOLDERED PLUG)	
710	MAA	SITBC01	8960	BALANCER(GISHOLT MODEL "S"),CALIBRATE	36
710	MAA	SITBC02	8920	BALANCER(GISHOLT UJP),CALIBRATE	37
710	MAA	SITBC03	9670	BALANCER(BEAR MODEL 40082),CALIBRATE	38
710	MAA	SITBC04	1830	BALANCER(GISHOLT MODEL 34V9107),CALIBRATE	
710	MAA	SITBC05	3270	BALANCER(AUTOMATIC CYCLE GISHOLT MODEL S), CALIBRATE	39
710	MAA	SITBS01	14420	BALANCER,SET UP,GISHOLT MODELS 34V9107,S,UJP AND BEAR 40082	
710	MAA	SITBT01	10700	BATTERIES,TEST AND REPLACE	
710	MAA	SITCA01	1364	CLEARANCE(DIAL INDICATOR),ADJUST	
710	MAA	SITCT01	1636	COMPONENT,TEST IN VACUUM CHAMBER	40
710	MAA	SITGA01	4180	GEAR MESH,ADJUST	
710	MAA	SITMA01	29620	METER,ADJUST	
710	MAA	SITPA01	3700	PIVOTS(JEWEL),ADJUST	
710	MAA	SITPT01	1202	PLAY,TEST WITH SHEFIELD END PLAY TESTER	
710	MAA	SITRB01	24780	ROTOR,BALANCE(STATIC)	
710	MAA	SITRTXX	VARIABLE	RESISTANCE,TEST	41
710	MAA	SITSG01	186	SPACING(SHAFT END),GAUGE WITH GO,NO-GO GAUGE	
710	MAA	SITSG02	350	SPACING(GAP),GAUGE WITH GO NO-GO GAUGE	
710	MAA	SITSG03	1087	SPACE(END),GAUGE WITH DEPTH MICROMETER,ADJUST	
710	MAA	SITUC01	6130	UNIT,CHECK BALANCE,GISHOLT MODELS 34V9107,S, UJP AND BEAR 40082	42
710	MAA	SITUC02	4160	UNIT,CHECK BALANCE,MICRO-NAMIC MODEL EV-2	
710	MUA	KITGC01	14725	GAUGE(PRESSURE),CALIBRATE AND ADJUST	
710	MAA	SNFTIXX	VARIABLE	TAPE(TEFLON),INSTALL TO INSTRUMENT SEAM	
710	MAA	SOHCR01	351	COVERS(GYRO-OUTER),REMOVE	43
72X	MAA	SCLCC01	1734	CONTACTS,CLEAN WITH BRUSH	
72X	MAA	SCLSCXX	VARIABLE	SWITCH(ROTARY),CLEAN WITH SPRAY	
72X	MAA	SCLSF01	456	SOLDERING IRON,FILE TIP SMOOTH	
72X	MAA	SCLSRXX	VARIABLE	SOLDER,REMOVE	
72X	MUA	SCLSR03	452	SOLDER,REMOVE FROM COMPONENT-PER POINT	
72X	MUA	SCLTCXX	VARIABLE	TERMINAL,CLEAN FIRST OR SINGLE PIN/POST/EYELET WITH SOLDERING IRON AND VACUUM(SOLDER SUCKER)	44
72X	MUA	SCLTC03	994	TERMINAL(ELECTRICAL/EYELET),CLEAN	

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72X	MAA	MCPCLXX	VARIABLE	CLAMP(ELECTRON TUBE),LOOSEN AND TIGHTEN	44
72X	MAA	SCPCIXX	VARIABLE	CLAMP(CABLE),INSTALL WITH LOCKNUT,SCREW/BOLT AND WASHER	
72X	MAA	SCPCRXX	VARIABLE	CLAMP(CABLE),REPLACE WITH LOCKNUT,BOLT/SCREW AND WASHER	45
72X	MAA	SCPCR05	6400	CLAMPS,REPLACE	
72X	MAA	SCPCUXX	VARIABLE	CLAMP(CABLE),UNBOLT LOCKNUT,BOLT/SCREW AND WASHER	
72X	MAB	MDAAR01	114	ASSEMBLY(TERMINAL),REMOVE FROM CONNECTOR	
72X	MAW	MDACDXX	VARIABLE	CONNECTOR,DISCONNECT AND CONNECT	
72X	MAA	SDACA01	6046	CABLE(COAXIAL),ASSEMBLE AND INSTALL TO PANEL MOUNTED TYPE RECEPTACLE	46
72X	MAA	SDACC01	485	CABLE(COAXIAL),CONNECT ONE END TO THREADED FITTING	
72X	MAA	SDACDXX	VARIABLE	CLIP OR SOCKET(MOUNTING-ELECTRONIC COMPONENT), DETACH(RIVETS)	
72X	MAA	SDACD03	399	CABLE(COAXIAL),DISCONNECT/REMOVE FROM THREADED CONNECTOR/RECEPTACLE IN SET/UNIT	
72X	MAA	SDACIXX	TABLE	COMPONENT,INSTALL AND REMOVE	47
72X	MAA	SDACI01	3480	COMPONENT,INSTALL WITH SOLDER	
72X	MAA	SDACI02	7620	COMPONENT,INSTALL WITH SOLDER	
72X	MAA	SDACL01	569	CABLE,LUBRICATE AND INSERT IN PLUG	
72X	MBA	SDACRXX	VARIABLE	CAPACITOR/RESISTOR,REPLACE	48
72X	MAA	SDACR03	4695	CAPACITOR(BUTTON TYPE),REPLACE(SOLDERED)	
72X	MAA	SDACR04	6851	COMPONENT,REPLACE	
72X	MAA	SDACR05	7648	CONNECTOR END,REPLACE ON COAXIAL CABLE	
72X	MAA	SDACR06	853	CONNECTOR END(THREADED),REMOVE FROM COAXIAL CABLE	
72X	MAA	SDACR07	714	CAP(CONNECTOR-THREADED),REMOVE AND INSTALL	
72X	MUA	SDACSXX	VARIABLE	CIRCUIT(ELECTRON TUBE),SERVICE(MECHANICAL)	49
72X	MAA	SDAERXX	VARIABLE	COMPONENT(ELECTRONIC),REPLACE	
72X	MAA	SDAFRXX	VARIABLE	FILTER OR COIL,REPLACE	
72X	MAA	SDAGIXX	VARIABLE	GROMMET,INSTALL,USING GUIDE WIRE AND ARBOR PRESS	50
72X	MAA	SDAHRXX	VARIABLE	HOLDER(FUSE),REPLACE	
72X	MAA	SDAJRXX	VARIABLE	JACK/TEST POINT(PANEL MOUNTED),REPLACE	
72X	MAA	SDALR01	920	LAMP(PILOT),REPLACE	
72X	MAA	SDAMGXX	VARIABLE	MOUNT(SINGLE STUD),GET,PREPARE AND FIT TO CHASSIS	51
72X	MAA	SDAMRXX	VARIABLE	METER,REPLACE	
72X	MAA	SDAPAXX	VARIABLE	PLUG/CABLE(MOUNTED),DISASSEMBLE/ASSEMBLE	

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72X	MAA	SDAPDXX	VARIABLE	PLUG(ONE SOLDERED PIN),DISASSEMBLE AND ASSEMBLE	52
72X	MAA	SDAPD03	5105	PLUG,DISASSEMBLE AND ASSEMBLE	
72X	MAA	SDAPD04	3712	PLUG(MULTI-PIN OR RIBBON-RECTANGULAR SHAPED), DISASSEMBLE AND ASSEMBLE(CABLE MOUNTED)	
72X	MAA	SDAPEXX	VARIABLE	PART(PLUG IN),ENGAGE BY HAND	
72X	MAA	SDAPFXX	VARIABLE	PART(SINGLE AND MULTI-ALIGN),FIT TO CHASSIS	53
72X	MAA	SDAPIXX	TABLE	PART(ELECTRONIC),REPLACE	54
72X	MAA	SDAPLXX	VARIABLE	PLUG,LOCATE,CONNECT AND REMOVE	55
72X	MAA	SDAPMXX	VARIABLE	PART(AXIAL LEAD),MOUNT IN/REMOVE FROM CLIP HOLDER	
72X	MAA	SDAPRXX	VARIABLE	PART,REPLACE	56
72X	MUA	SDAPR12	29800	POTENTIOMETER,REPLACE	
72X	MAA	SDAPR13	16389	POTENTIOMETER(STUD MOUNTED),REPLACE	57
72X	MAQ	SDAPR14	1057	PLUG,REASSEMBLE TO CABLE(WITH SLEEVE)	
72X	MAA	SDARCXX	VARIABLE	CLIP(MOUNTING,TRANSISTOR),REMOVE	
72X	MAA	SDARDXX	VARIABLE	RELAY(WIRED),REPLACE	
72X	MAA	SDAREXX	TABLE	COMPONENT(ELECTRONIC),REPLACE	58
72X	MBA	SDARLXX	TABLE	LEAD(AND SOCKET,ELECTRON TUBE),REPLACE	
72X	MAA	SDARPXX	VARIABLE	PART(PLUG IN TYPE),REMOVE	59
72X	MAA	SDARRXX	VARIABLE	RECEPTACLE(COAXIAL),REPLACE ON PANEL	
72X	MAA	SDARR09	995	RECEPTACLE(PANEL MOUNT TYPE),REMOVE FROM COAXIAL CABLE	
72X	MAA	SDARR10	630	RECTIFIER(CRYSTAL),REPLACE(PLUG IN TYPE)	60
72X	MAA	SDARSXX	VARIABLE	SWITCH,REPLACE	
72X	MAA	SDARTXX	VARIABLE	TUBE(ELECTRON-PLUG IN TYPE),REPLACE	
72X	MAA	SDASCXX	VARIABLE	SWITCH,CONNECT WIRES AND INSTALL	
72X	MAA	SDASDXX	VARIABLE	SWITCH,DISCONNECT WIRES AND REMOVE	
72X	MAA	SDASIXX	VARIABLE	SEMI-CONDUCTOR,INSTALL WITH SOLDER	61
72X	TBA	SDASRXX	VARIABLE	SWITCH,REPLACE(CONNECT,DISCONNECT LEADS)	
72X	MAA	SDASR07	5774	SWITCH(WAFER),REPLACE	
72X	MAA	SDASSXX	VARIABLE	SHIELD(TUBE),SNAP ON AND OFF	
72X	MAA	SDATIXX	VARIABLE	TRANSFORMER,REPLACE	62
72X	MAA	SDATI05	710	TERMINAL(FEED THROUGH TYPE),INSTALL	
72X	MBA	SDATRXX	VARIABLE	TUBE(ELECTRON-SOLDERED LEADS),REPLACE	
72X	MAA	SDATR03	19769	TUBE(ELECTRONIC),REPLACE	
72X	MAA	SDATR04	249	TUBE(ELECTRON),REPLACE	
72X	MAA	SDATR05	3550	TUBE(KLYSTRON-TYPE QK547),REPLACE	63

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72X	MAA	SDATR06	18580	TUBE(CATHODE RAY),REPLACE	63
72X	MAA	SDATR07	4749	TUBE(CATHODE RAY),REMOVE AND INSTALL	
72X	MAA	SDAWRXX	VARIABLE	WAFER,REPLACE ON WAFER SWITCH	
72X	MAO	SIDLI01	122	LUG,IDENTIFY WITH SLEEVE MARKER	
72X	MAA	MITCAXX	VARIABLE	CONTROLS,ADJUST	64
72X	MAA	MITCA03	325	CONTROLS,ADJUST-LOOSEN AND TIGHTEN LOCKNUT	
72X	MUA	MITGA01	1710	GENERATOR(RADIO FREQUENCY),ADJUST	
72X	MAA	MITPA01	1260	POTENTIOMETER OR TRIMMER,ADJUST	
72X	MAA	MITVCXX	VARIABLE	VOLTAGE(STANDING WAVE RATIO),CHECK	
72X	MAA	SITBS01	810	BRIDGE(WHEATSTONE),SET UP AND DISMANTLE	
72X	MAA	SITCCXX	VARIABLE	CONTINUITY,CHECK	
72X	TUA	SITCC03	3910	CAPACITOR,CALIBRATE	65
72X	MAA	SITCMXX	VARIABLE	CHECK,MAKE WITH PORTABLE ELECTRICAL METER	
72X	TUA	SITCTXX	VARIABLE	CURRENT,TEST FOR INSTRUMENT CALIBRATION	
72X	MAA	SITCT03	720	COMPONENT(PANEL LIGHTS),TEST	
72X	MAA	SITCT04	1470	COMPONENT,TEST WITH MEGGER	
72X	MAA	SITDT01	850	DEVICE,TEST WITH SIMPSON 2600 CONSOLE	
72X	MUA	SITDT02	2420	DEVICE,TEST WITH 691/U CONSOLE TEST SET	66
72X	MUA	SITDT03	2200	DEVICE,TEST FREQUENCY,PHASE OR MODULATION WITH OSCILLOSCOPE	
72X	TUA	SITFDXX	VARIABLE	FREQUENCY,DETERMINE	
72X	MUA	SITFT01	980	FREQUENCY,TEST	
72X	MUA	SITGA01	1710	GENERATOR(RADIO FREQUENCY),ADJUST	
72X	MAA	SITHMXX	VARIABLE	HI-POT CHECK,MAKE	67
72X	MUA	SITIC01	813	INSULATION,CHECK WITH PORTABLE TESTER AND VARIAC	
72X	MAA	SITITXX	VARIABLE	INSULATION/HI-POT(WIRE),TEST	
72X	TUA	SITOT01	1230	OUTPUT(POWER),TEST	
72X	MAA	SITPA01	1680	POTENTIOMETER OR TRIMMER,ADJUST	
72X	MAA	SITRC01	171	RANGE(METER),CHANGE AND ADJUST ZERO KNOBS	
72X	MAA	SITROXX	VARIABLE	RESISTANCE,OBTAIN VALUE WITH WHEATSTONE BRIDGE	
72X	MAA	SITRT01	2550	REGULATION,TEST	68
72X	MAA	SITTCXX	VARIABLE	CIRCUIT BOARD,SET UP AND TEST(DIT-M-CO)	
72X	T8A	SITTTXX	VARIABLE	TRANSISTOR(THREE LEADS),TEST	
72X	MAA	SITTT03	4740	TUBE(ELECTRON),TEST	
72X	MAA	SITVCXX	VARIABLE	VOLTAGE/RESISTANCE,CHECK	
72X	MAA	SITVC03	3430	VOLTAGE(NULL SYNCHRO),CHECK	69

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72X	MAA	SITVC04	1050	VOLTAGE/RESISTANCE,CHECK	69
72X	TUA	SITVTXX	VARIABLE	VOLTAGE,TEST	
72X	MAA	MJPSP01	419	SOLDERING IRON(PISTOL GRIP TYPE),PREPARE FOR USE	
72X	MAA	MJPSP02	457	SOLDERING IRON(CONVENTIONAL TYPE),PREPARE FOR USE	
72X	TPA	MJPSTXX	VARIABLE	SOLDERING IRON,TIN	70
72X	MAA	SJPMS01	772	METER(ELECTRICAL-OHM,VOLT,ETC.),SET UP AND DISMANTLE	
72X	MAA	SJPMS02	334	METER(TEST),SET UP AND DISMANTLE	
72X	MAA	SJPMS03	1810	MULTI-METER,SET UP AND ASIDE(TO PERFORM CONTINUITY OR RESISTANCE CHECK)	
72X	MAA	SJPMS04	1254	METER AND MEGGER,SET UP AND TAKE DOWN	
72X	MAA	SJPTP01	513	TUBING(VINYL),PREPARE FOR INSTALLATION	
72X	MAA	SNFFR01	329	FUSE,REPLACE	
72X	MAA	SNFMR01	60	PART(MATING),REMOVE	71
72X	MAO	MOHCSXX	VARIABLE	CHASSIS,SLIDE FROM AND INTO CASE,ELECTRONICS ASSEMBLY	
72X	MAF	MOHCT01	161	CHASSIS,TURN OVER(WITH CARE)	
72X	MAA	MOHPPXX	VARIABLE	PART,PLUG IN BY HAND	
72X	MAA	SOHCD01	61	CABLE(COAXIAL),DISCONNECT	
72X	MAA	SOHCRXX	VARIABLE	CHASSIS,REMOVE FROM CASE	
72X	MAB	SOHCR03	85	CAP AND HANDLE ASSEMBLY,REMOVE FROM CONNECTOR	
72X	MAO	MPAWO01	179	WIRE(LUGGED),PAINT	72
72X	TAA	MPTSMXX	VARIABLE	SOLDER,MELT TO SOLDER/UNSOLDER	
72X	TUW	MPTSTXX	VARIABLE	WIRE,SOLDER TO TERMINAL-PROCESS TIME ONLY	
72X	TUW	MPTSWXX	VARIABLE	SOLDER,WIRE TO WIRE-PROCESS TIME ONLY	
72X	MAA	STFSB01	959	SCREW(CAPTIVE),BACK OUT AND RESEAT	
72X	MAA	MTLCR01	5237	COMPOUND(POTTING),REMOVE	73
72X	MAB	MTLGR01	111	GROMMET(RUBBER),REMOVE FROM BODY OF CONNECTOR ASSEMBLY	
72X	MAA	MTLPS01	85	PINS(TUBE),STRAIGHTEN,USING PIN STRAIGHTENER	
72X	MAA	MTLTIXX	VARIABLE	TERMINAL,INSTALL	
72X	MAA	MTLTI03	1424	TERMINAL AND LUG ASSEMBLY,INSTALL	
72X	MAA	MTLTI04	1817	TERMINAL(POST),INSTALL	
72X	MAA	MTLTRXX	VARIABLE	TERMINAL ASSEMBLY,REMOVE	
72X	MAO	MTLTR03	373	TIP,REMOVE AND REINSTALL ON ELECTRIC SOLDERING GUN	74
72X	MAA	MTLWI01	815	PIN,INSTALL ON WIRE WITH CRIMPER	
72X	MAA	STLPRXX	VARIABLE	PIN,REPLACE AND REINSTALL	

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72X	MAA	STLPR01	3550	PIN(ELECTRICAL PLUG),REPLACE	74
72X	MAA	STLTRXX	VARIABLE	TUBING(SHRINKABLE),REMOVE	
72X	TUA	STPSHXX	VARIABLE	SLEEVING(ELECTRICAL WIRE),HEAT TO SHRINK	
72X	MAA	MVSBRXX	VARIABLE	BOARD(PRINTED CIRCUIT),REMOVE FROM JIG AND INSTALL IN JIG	75
72X	MAA	MWHCIXX	VARIABLE	CONNECTOR END,INSTALL ON COAXIAL CABLE	
72X	MAA	MWHCL01	2297	CLAMP(HARNESS),LOOSEN AND TIGHTEN	
72X	MAA	MWHIIXX	VARIABLE	INSULATION(SPAGHETTI),INSTALL ON WIRE(S)	
72X	MAO	MWHLA01	175	LUG,ATTACH TO CONTACT WITH SCREW	
72X	MAA	MWHLC01	352	LUG(TERMINAL),CRIMP TO WIRE END	
72X	MAO	MWHLFXX	VARIABLE	LOOP,FORM OR OPEN WITH PLIERS	76
72X	MAA	MWHLRXX	VARIABLE	LEAD(WIRE),REMOVE/INSTALL TO BINDING POST	
72X	MAA	MWHNI01	142	NUT(PLASTIC WIRE SPLICER),INSTALL	
72X	MAA	MWHPI01	660	PIN(WITH WIRE),INSTALL IN CONNECTOR	
72X	MAA	MWHSC01	179	SINK(HEAT),CLAMP TO AND REMOVE FROM WIRE	
72X	MAA	MWHSP01	873	SHIELD(METAL),PREPARE ON STRANDED WIRE FOR GROUND	
72X	MAA	MWHSWXX	VARIABLE	SPLICE(WIRE),WRAP WITH TAPE	
72X	MAA	MWHWA01	70	WIRE,ATTACH LOOP TO TERMINAL	77
72X	MAA	MWHWRXX	VARIABLE	WIRE,REMOVE UNSOLDERED OR CUT STRANDED WIRE FROM SET/UNIT	
72X	TUA	MWHWR03	428	WIRE(STRANDED),REMOVE FROM PLUG PIN(UNSOLDER)	
72X	MAA	MWHWTXX	VARIABLE	WIRES(STRANDED),TWIST TOGETHER IN PAIRS	
72X	MAA	MWHWT05	157	WIRE,TWIST ON TERMINAL	
72X	MAA	TWHWRXX	TABLE	WIRE,REMOVE FROM VARIOUS TERMINALS,NORMAL AND RESTRICTED ACCESS	78
72X	MAA	SWHCC01	2066	CABLE(COAXIAL),CUT AND TERMINATE	
72X	MAA	SWHCIXX	VARIABLE	CONNECTOR(CABLE),INSTALL AND REMOVE	79
72X	MAA	SWHCI09	11732	CABLE(SHIELDED/COAXIAL),INSTALL	
72X	MAA	SWHCI10	2654	CABLE(COAXIAL),INSTALL WITH THREADED CAP	80
72X	MAA	SWHCRXX	VARIABLE	COMPONENT,REPLACE	
72X	MAA	SWHCR04	5734	CABLE(SHIELDED/COAXIAL),REMOVE	
72X	MAA	SWHCR05	929	CABLE(COAXIAL),REMOVE FROM CONNECTOR WITH THREADED CAP	81
72X	MAA	SWHLSXX	VARIABLE	CABLE(COAXIAL),STRIP INSULATION	
72X	MAA	SWHHUXX	VARIABLE	HARNESS(ELECTRICAL),UNWRAP TAPE	
72X	MAA	SWHHWXX	VARIABLE	HARNESS(ELECTRICAL),WRAP WITH TAPE	
72X	MAA	SWHIRXX	VARIABLE	INSULATION(WIRE),REMOVE	82

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72X	AAA	SWHISXX	VARIABLE	INSULATION,STRIP	82
72X	TUA	SWHIWXX	TABLE	WIRE,REMOVE/INSTALL TO/FROM CONNECTOR	83
72X	MAA	SWHLAXX	VARIABLE	LUG,ATTACH WIRE AND INSTALL	
72X	MUA	SWHLCXX	VARIABLE	LEAD(WIRE),CLEAN AND PREPARE END FOR REINSTALLATION(STRANDED WIRE)	
72X	MAA	SWHLRXX	VARIABLE	LEAD,REMOVE FROM TERMINAL	84
72X	MAA	SWHLR05	7712	LEAD(STRANDED),RELOCATE	
72X	MBA	SWHLR06	1750	LEAD,REMOVE FROM PRINTED CIRCUIT BOARD	
72X	MAA	SWHLR07	873	TERMINAL LUG(RING TYPE),REPLACE ON STUD(WIRE ATTACHED)	
72X	MBA	SWHLS01	11890	LEAD,SOLDER ON PRINTED CIRCUIT BOARD	
72X	MAA	SWHLU01	3967	LEAD(AXIAL),UNSOLDER,SOLDER,TAG,UNTAG	
72X	MAA	SWHPA01	3123	PIGTAIL(GROUND LEAD),ATTACH TO CABLE SHIELD	85
72X	MAA	SWHPF01	1190	PIGTAIL(METAL SHIELD),FORM	
72X	MAA	SWHPIXX	VARIABLE	PART(AXIAL LEAD),INSTALL ON PIN POST OR EYELET TERMINAL	
72X	MAA	SWHPI03	963	PLUG(BANANA TYPE),INSTALL AND REMOVE	
72X	MAA	SWHPRXX	VARIABLE	PART(AXIAL LEAD),REMOVE FROM PIN/POST OR EYE-LET TERMINAL	
72X	MAA	SWHPR05	6136	PLUG(AC/DC WITH CLAMP AND GROUND),REPLACE ON CABLE	86
72X	MAA	SWHRLXX	TABLE	LEAD,REMOVE AND INSTALL,VARIOUS TERMINALS, NORMAL AND RESTRICTED ACCESS	
72X	MAA	SWHRPXX	VARIABLE	PART(AXIAL LEAD),REPLACE ON PIN/POST TERMINAL OR EYELET TYPE TERMINAL	87
72X	MAA	SWHRWXX	VARIABLE	WIRE,ROUTE THROUGH OBSTRUCTION	
72X	MAA	SWHRW05	883	WIRE,ROUTE FROM ONE TERMINAL TO HARNESS AND FROM HARNESS TO THE OTHER TERMINAL	
72X	MAA	SWHRW06	723	WIRE,ROUTE SIX INCHES ALONG HARNESS	
72X	MAA	SWHRW07	137	WIRE,ROUTE THROUGH GROMMET OR HOLE	
72X	MAA	SWHST01	520	SOLDER(CONNECTION),TOUCH UP	
72X	MAA	SWHSU01	2694	SHIELD(CABLE-BRAIDED METAL),UNRAVEL	88
72X	MAA	SWHSWXX	VARIABLE	WIRES,SPLICE(SHIELDED WIRE)	
72X	MAA	SWHTI03	3996	TUBING(SHRINK),GET,CUT AND INSTALL	
72X	MAA	SWHTPXX	VARIABLE	TUBING(VINYL),PREPARE AND INSTALL ON LEADS/ STUD	
72X	MAA	SWHWAXX	VARIABLE	WIRE,ATTACH TERMINAL AND CONNECT TO POST (SHIELDED WIRE)	89
72X	MAA	SWHWCXX	VARIABLE	WIRE,CONNECT TO PIN WITH SOLDER	
72X	MAA	SWHWIXX	VARIABLE	WIRE(BUS),INSTALL TO TWO TERMINALS	
72X	MAA	SWHWI03	804	WIRE,INSTALL AND SOLDER LEAD END INTO PIN TERMINAL ON PLUG/RECEPTACLE	

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72X	MAA	SWHWPXX	TABLE	WIRE,PERPARE AND INSTALL	90
72X	MBA	SWHWRXX	VARIABLE	WIRE,REPLACE	
72X	MAA	SWHWSXX	VARIABLE	WIRES,SPLICE(NON-SHIELDED WIRE)	
72X	MUA	SWHWS03	1031	WIRE,SPLICE(WITH SOLDER)	91
72X	MAA	SWHWS04	633	WIRE,SPLICE(SOLDERLESS)	
72X	TBA	SWHWUXX	TABLE	WIRE,SOLDER OR UNSOLDER,FROM/TO VARIOUS POINTS	
720	MAA	SACDS01	51	DRIVE(MECHANICAL-RECORDER SPEED),SET OR RESET	
721	MAA	SCLCP01	486	COMMUTATOR,POLISH AND CLEAN WITH CROCUS CLOTH	92
721	MAA	SCLSCXX	VARIABLE	COMMUTATOR(STATOR AND ARMATURE),CLEAN WITH ERASER AND AIR	
721	MAA	MDABP01	1290	BEARING,PRESS OUT	
721	MAA	MDACR01	2190	COVER(MOTOR END),REMOVE	
721	MAA	SDAARXX	VARIABLE	ARMATURE,REPLACE	
721	MAA	SDABIXX	VARIABLE	BEARING(MOTOR),INSTALL	
721	MAA	SDABP01	1660	BEARING,PRESS OUT AND REMOVE SLINGER	93
721	MAA	SDABRXX	TABLE	BRUSHES,REPLACE	
721	MAA	SDACIXX	VARIABLE	COVER(MOTOR),INSTALL	
721	MAA	SDAGR01	13500	GEAR TRAIN(SYNCHRO),REPLACE	
721	MAA	SDAMD01	1796	MOTOR,DISASSEMBLE(TRU-ARC RING)	94
721	MAA	SDAMD02	4236	MOTOR,DISASSEMBLE(THREE SCREWS AND COVER)	
721	MAA	SDAMD03	8360	MOTOR(RESOLVER),DISASSEMBLE	
721	MAA	SDAMMXX	VARIABLE	MOTOR(ELECTRIC),MOUNT AND HOOK UP	
721	MAA	SDAMR01	9160	MOTOR(OR MOTOR GENERATOR),REPLACE TO GEAR PLATE	
721	MAA	SDAMR02	10960	MOTOR,REPAIR	95
721	MBA	SDAMR03	24560	MOTOR,REPLACE	
721	MAA	SDAMR04	22090	MOTOR(GENERATOR),REPAIR(DISASSEMBLE,CLEAN, EXAMINE,AND ASSEMBLE)	
721	MBA	SDAMR05	37140	MOTOR(GENERATOR),REPLACE	96
721	MAA	SDARS01	18340	SYNCHRO,REPAIR	
721	MBA	SDARS02	29450	SYNCHRO,REPLACE	
721	MAA	SDASRXX	VARIABLE	SHIM,REPLACE ON ARMATURE	97
721	MAA	SDAUA01	11870	UNIT(MOTOR/GENERATOR),ASSEMBLE	
721	MAA	MITBCXX	VARIABLE	BEARINGS(MOTOR),CHECK FIT TO CAP AND HOUSING	
721	MAA	MITBC03	621	BEARING(SMALL MOTOR),CHECK FIT TO HOUSING(BOTH ENDS)	
721	MAA	MITTI01	122	TENSION(BRUSH SPRING),INSPECT AND TEST	
721	MAA	SITAC01	685	ARMATURE,CHECK WITH GROWLER	

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721	MAA	SITAC02	8160	ARMATURE,CHECK AND STRAIGHTEN	98
721	MAA	SITBEXX	VARIABLE	BRUSHES,EXAMINE	
721	MAA	SITCCXX	VARIABLE	CONCENTRICITY(ARMATURE),CHECK WITH DIAL INDICATOR	
721	MUA	SITEC01	6310	END PLAY(ARMATURE),CHECK	
721	MAA	SITMC01	6440	MAGNET(ARMATURE),CHARGE	
721	MAA	SITMD01	6090	MAGNET(ARMATURE),DEMAGNETIZE	99
721	MAA	SITMTXX	VARIABLE	MOTOR(ELECTRIC),TEST	
721	MAA	SITSIXX	VARIABLE	SEATING(BRUSH),INSPECT AND TEST	
721	MAA	MSUBA01	195	BLOCK("V"AND DIAL INDICATOR),ADJUST	
721	MAA	SSUDS01	637	DIAL(INDICATOR),SET UP AND DISMANTLE TO/FROM V BLOCK	
726	MAA	SDACRXX	VARIABLE	CIRCUIT(PIECE),REMOVE FROM PRINTED CIRCUIT BOARD	
726	MAA	SDACT01	4679	COVER(TUBE TYPE OSCILLOSCOPE),TAKE OFF AND PUT ON	100
726	MAA	SDAWRXX	VARIABLE	WAVEGUIDE(SECTION),REPLACE	
726	TUA	SITDD01	3620	DISTORTION,DETERMINE	
728	TUA	SDACS01	7298	CONDUIT,SOLDER FERRULES AND INSTALL NUTS	
728	MAA	SIDCM01	396	CABLE,MANUFACTURE,MARK SLEEVING,PER MARK	
728	MAA	SIDCS01	1200	CABLE,STAMP AND APPLY LABEL	101
728	MAA	SIDLP01	7760	LABEL,PREPARE AND ATTACH TO CABLE	
728	MAA	MITCT01	1050	CABLE(COAXIAL),TEST INSULATION(AFTER ASSEMBLY)	
728	MAA	SITCEXX	VARIABLE	CABLE,EXAMINE VISUALLY FOR DEFECTS/DAMAGE	
728	MAA	SITCM01	1410	CABLE,MANUFACTURE,CHECK CONTINUITY,PIN TO PIN	
728	MAA	SITCT01	2440	CABLE,TEST AND EXAMINE	
728	MAA	SITCT02	4978	CABLE(TRIAXIAL),TEST AND CHECK	
728	MAA	SITCT03	1340	CABLE,TEST(PIN TO PIN-ONE PLUG)	102
728	MAA	SITCT04	1088	CABLE(COAXIAL),TEST ON PANEL(FINAL)	
728	MAA	SITCT05	1150	CABLE,TEST(PIN TO PIN-TWO PLUGS)	
728	MAA	SITCT06	98	CABLE(ELECTRICAL),TWIST TEST PLUG ENDS	
728	MAA	SJPCI01	3600	CABLE(ROUND OR SPLIT TYPE),INSTALL AND REMOVE IN/FROM FIXTURE	
728	MAA	SJPCLXX	VARIABLE	CABLE,ELECTRICAL),LAYOUT	
728	MAA	SJPCP01	1560	CABLE(COAXIAL),PREPARE TO MANUFACTURE AND TEST	
728	MAA	SJPPV01	440	PARTS(AVIONIC CABLE),VERIFY AND EXAMINE	103
728	MAA	SJPSS01	640	STOP(MEASURING TABLE),SET FOR DESIRED LENGTH	
728	MAA	SJPTI01	5926	TUBE(POTTING),INSERT IN,REMOVE FROM GUN,CLEAN	
728	MAA	SJPTL01	1560	TERMINALS,LOAD IN MACHINE	

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728	FAA	SMTCS01	31460	CONDUIT,SOLDER	103
728	TUA	MPTCM01	1514	CABLE,MANUFACTURE,WARM UP CODING MACHINE	
728	MAA	MSUCM01	2330	CABLE,MANUFACTURE,SET UP STAMPING DIE	
728	MAA	SSUCM02	1370	CABLE,MANUFACTURE,REPLACE STAMPING BLOCK	104
728	TUA	SSUCM03	1690	CABLE,MANUFACTURE,REPLACE RIBBON IN CODING MACHINE	
728	MAA	SSUCM04	1902	CABLE,MANUFACTURE,REPLACE WIRE SPOOL IN CODING MACHINE	
728	MAA	SSUDS01	3660	DIE(STAMPING),SET UP	
728	MAA	SSUMS01	2360	MACHINE(CABLE CODING),SET UP	
728	TUA	STLFR01	2450	FERRULE(ON CONDUIT),REAM BY HAND	
728	MAA	MTPCM01	2490	CONDUIT(ELECTRICAL-BRASS),MEASURE AND CUT	105
728	MAA	MTPCM02	1690	CONDUIT(ELECTRICAL-ALUMINUM),MEASURE AND CUT	
728	MAA	STPCD01	3258	CONDUIT(ELECTRICAL-BRASS),DRESS AND FILE	
728	MAA	MWHWFXX	VARIABLE	WIRE(S),FEED THROUGH CONDUIT	
728	MUA	SWHBI01	2900	BAND(LOCKING),INSTALL AND CRIMP,AIRCRAFT CABLE	
728	MAA	SWHCC01	1004	CABLE(BONDING),CUT(PER CUT)	
728	MAA	SWHCIXX	VARIABLE	CABLE,INSTALL AND REMOVE FROM TYING FIXTURE	106
728	MAA	SWHCI04	2738	COLLAR(THREADED METAL),INSTALL ON COAXIAL CABLE-UNRAVEL BRAIDED METAL SHIELD AND PRESS TO COLLAR	
728	MAA	SWHCM01	1060	CABLE,MANUFACTURE,INSTALL HEAT INSULATION,ONE INCH LONG	
728	MAA	SWHCM02	810	CABLE,MANUFACTURE,TIE CABLE WITH PLASTIC STRAP,PER STRAP	
728	MBA	SWHCM03	2058	CABLE,MANUFACTURE,STRIP SHIELDED WIRE AND ATTACH JUMPER	
728	MAA	SWHCS01	12030	CONDUIT,STRIP AND INSTALL NUTS	107
728	MUA	SWHPMXX	VARIABLE	PLUG(CABLE),MOLD	
728	MAA	SWHPR01	7380	PLUG(CABLE),REMOVE FROM MOLD	
728	MAA	SWHSIXX	VARIABLE	SLEEVING(VINYLITE),INSTALL OVER CABLE	
728	MAA	SWHSI03	7450	SLEEVING,INSTALL	108
728	MUA	SWHSI04	6110	SPLICE/SLEEVE,INSTALL,MULTI WIRE BUTT SPLICE	
728	MUA	SWHSI05	3620	SPLICE/SLEEVE,INSTALL,SOLDER SLEEVE,INSULATED WIRE	
728	MUA	SWHSI06	2900	SPLICE/SLEEVE,INSTALL,SOLDER SLEEVE,SHIELDED WIRE	
728	MUA	SWHSI07	4220	SPLICE/SLEEVE,INSTALL,SOLDER SLEEVE,COAX CABLE (ONE END ONLY)	
728	MUA	SWHSI08	2370	SPLICE/SLEEVE,INSTALL,SHIELDED WIRE	109
728	MUA	SWHSI09	4520	SPLICE/SLEEVE,INSTALL	

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728	MUA	SWHSI10	5690	SPLICE/SLEEVE,INSTALL	109
728	MUA	SWHSI11	7110	SPLICE/SLEEVE,INSTALL,STUB SPLICE WITH END CAP	
728	MAA	SWHSI12	8980	SLEEVING(ZIPPERED VINYLITE),INSTALL	
728	MAA	SWHSRXX	VARIABLE	SLEEVING,REPLACE	110
728	MAA	SWHTI01	632	TERMINAL(AVIONIC CABLE),INSTALL TO CABLE ENDS	
728	MAA	SWHWCXX	VARIABLE	WIRE(AVIONIC CABLE),CODE	
728	MAA	SWHWL01	390	WIRE,LOCATE AND SEPARATE FROM BUNDLE	
728	MAA	SWHWMXX	VARIABLE	WIRE,MEASURE AND CUT	
729	MAA	SDACR01	5980	CARBON PILE,REPLACE	111
739	TUA	KCL8DXX	VARIABLE	BLIND(VENETIAN),DISASSEMBLE AND ASSEMBLE	
739	MAF	MDACI01	592	CORD(VENETIAN BLIND,RAISING),INSTALL	
739	MAF	MDACT01	102	CORD(BLIND,VENETIAN),THREAD THRU OPENING IN SLATS	112
739	MAF	SDACI01	1574	CORD(PULL AND TILTING),INSTALL IN VENETIAN BLIND	
739	MAF	SDARA01	165	RAIL(VENETIAN BLIND,TILT),ATTACH TO HEAD RAIL	
739	MAF	SDARD01	227	RAIL(VENETIAN BLIND,TILTING),DETACH AND POSITION TO RECEIVE TAPES	
739	MAF	SDASI01	199	SLATS(VENETIAN BLIND),INSERT IN LADDERS ON TAPE	
739	MAA	SDPCDXX	VARIABLE	CORD/BELT/STRAP,DIP IN WAX	
739	TUA	SFABIXX	VARIABLE	BUTTON(JIFFY),INSTALL TO BLANKET	113
739	MAA	SFAFIG1	810	FASTENER(BUTTON AND SOCKET OR STUD AND EYELET),INSTALL	
739	MAA	SFAFPXX	VARIABLE	FILLER(SOUND PROOFING BLANKET),PLACE IN WRAP	
739	MAA	SFAGI01	981	GROMMET,INSTALL IN SOUND PROOFING BLANKET	
739	MAF	SGMCM01	1951	CORD(VENETIAN BLIND,PULL AND TILTING),MEASURE AND CUT	114
739	MAF	MITSG01	52	SPACING(VENETIAN BLIND ASSEMBLY),GAUGE	
739	MAA	SJP8P01	1444	BLANKET(SOUND PROOFING),PREPARE TO SEW	
739	MAA	SJPFP01	1043	FASTENER(SNAP OR GROMMET),PREPARE TO INSTALL	
739	MAF	SNFBS01	998	BLIND(VENETIAN),SECURE FOR TRANSPORTING	
739	MAF	MOHBH01	280	BLIND(VENETIAN),HANG IN SPRAY BOOTH OR ON DRYING RACK WITH SIX-INCH DIAMETER LOOPS	
739	MAF	MOHBR01	107	BLIND(VENETIAN),REMOVE FROM SPRAY BOOTH	115
739	MAF	MOHRP01	50	RAIL(VENETIAN BLIND-BOTTOM),PLACE ON FOLDED TAPES(ON HEAD RAIL)	
739	MAF	MOHSM01	116	SLATS(VENETIAN BLIND),MOVE FROM DRYING RACK TO RINSE TANK	
739	MAF	MOHTP01	236	TAPE(VENETIAN BLIND),POSITION ON HEAD RAIL	
739	MAF	MOHTP02	137	TAPE(VENETIAN BLIND),POSITION ON TILT RAIL	

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739	MAF	SOHBC01	1016	BLIND(VENETIAN),CLOSE UP	115
739	MAF	SOHP001	988	PARTS(VENETIAN BLINDS),OBTAIN,MOVE TO TABLE	
739	MAA	SPTMSXX	VARIABLE	MATERIAL(SOUND PROOFING BLANKET),SEW	116
739	MAF	MTLTC01	277	TAPE(VENETIAN BLIND-FIRST SLAT),CUT	
739	MAA	STPSCXX	VARIABLE	STRAP(NYLON),CUT TO LENGTH	
74X	MAF	MJPSP01	203	STENCIL,PLACE ON WALL	
74X	MAF	MOHLP01	151	LETTERS(SET-METAL STENCIL),PUT IN CASE	
740	MAD	MCLPW01	265	PAINT(EXCESS),WIPE OFF AFTER STAMPING AND PAINT APPLIED	
740	MAF	MPALPXX	VARIABLE	LETTER(STENCIL),PAINT WITH BRUSH	117
740	MAD	MPAPA01	356	PAINT,APPLY TO FILL METAL STAMPING	
75X	MAA	STPHCXX	VARIABLE	HOLES,CUT IN RUBBER SEAL WITH DRILL	
754	MAA	SCLCC01	1026	CUP(RESIN MIXING),CLEAN	
754	MAA	SFAMB01	30200	MATERIAL,BOND WITH VACUUM PRESSURE AND HEAT LAMPS	118
754	MAA	MITFE01	2760	FIBERGLASS(HONEYCOMB-DAMAGED),EXAMINE,SOUND AND MARK	
754	EUA	SJPBFXX	VARIABLE	BOTTLE(SQUEEZE),FILL	
754	MAA	SJPGP01	760	GUN(SPRAY),PREPARE AND FILL	119
754	MAA	SJPGSXX	VARIABLE	GUIDE(DRILL),SET UP AND ASIDE	
754	MAA	SJPHL01	8186	HONEYCOMB,LAYOUT AND PREPARE TO REPAIR	
754	MAA	SJPHS01	465	HEAT LAMP(FIBERGLASS REPAIR),SET UP TO HEAT CURE	
754	MAA	SJPLLXX	VARIABLE	LAMINATE(CLOTH),LAYOUT AND PREPARE TO REPAIR	
754	MAA	SJPRM01	1211	RESIN,MIX	120
754	EUA	SJPRT01	199	RESIN,THIN WITH ACETONE FOR GLAZE MIXTURE	
754	MAA	SLUDLXX	VARIABLE	DRILL,LUBRICATE TO DRILL PLASTIC	
754	MAA	SPAGAXX	VARIABLE	GLAZE,APPLY TO SURFACE WITH BRUSH	
754	MAA	SPARAXX	VARIABLE	RESIN,APPLY TO DAMAGED AREA	
754	MAA	SSRCRXX	VARIABLE	CLOTH(INNER LAYER),REPLACE	121
754	MUA	SSRFRXX	VARIABLE	FIBERGLASS,REPAIR	
754	MAA	SSRHP01	2260	HONEYCOMB(FIBERGLASS),PREFORM	
754	MAA	SSRHRXX	VARIABLE	HONEYCOMB(FIBERGLASS),REPLACE	
754	MAA	SSRORXX	VARIABLE	OBJECT(LAMINATED),REPAIR	122
754	MUA	SSROR10	5200	OBJECT(LAMINATED),REPAIR(FILL VOID)	
754	MAA	SSRPAXX	VARIABLE	PATCH(CLOTH,FIBERGLASS),APPLY	
754	MAA	SSRVF01	987	VOID,FILL	
754	MAA	MTLCMXX	VARIABLE	HONEYCOMB(NEW),CUT TO FINISHED SIZE	

OCCUP-ATION	QUALITY	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION	PAGE
754	MAA	MTLHCXX	VARIABLE	HONEYCOMB,CUT AT DAMAGED AREA-APPROX.SIZE	123
754	MUA	STPHCXX	VARIABLE	HOLE,COUNTERSINK IN PLASTIC	
754	MUA	STPHDXX	TABLE	HOLE,DRILL IN PLASTIC	
754	MAA	STPSR01	2450	SPOT(FIBERGLASS),REPAIR(ONE SQUARE INCH)	
763	MAO	SCLFRXX	VARIABLE	FINISH(FURNITURE),REMOVE FROM WOOD	
763	MAF	SNFGA01	544	GLUE,APPLY WITH BRUSH TO SURFACE	124
763	MAO	SSRDFXX	VARIABLE	DENT(FURNITURE),FILL IN WOOD SURFACE	
78X	MAP	SJPNT01	376	NEEDLE(HAND SEWING),THREAD	
78X	MAP	SJPTA01	45	THREAD,ALIGN AT SEWING MACHINE FOOT	
78X	MAP	MNFSS01	244	STITCH/TACK,SEW BY HAND	
78X	MAP	SSUBC01	250	BOBBIN(SEWING MACHINE),CHANGE	
78X	MAP	SSUBS01	509	BOBBIN,SET UP TO WIND	125
78X	MAP	SSUTC01	1118	THREAD,CHANGE IN SEWING MACHINE	
780	MAF	SCPMP01	90	MATERIAL,PIN TO CHAIR OR OTHER MATERIAL	
780	MAF	MDAWS01	209	WEBBING,STRETCH INTO POSITION	
780	MAF	MNFCT01	323	CORD(UPHOLSTERING),TIE ON SPRING	
780	MAF	MNFMS01	256	MATERIAL,SEW BY HAND	126
780	MAF	MNFTD01	100	TACK,DRIVE IN PLACE	
780	MAF	MNFTR01	124	TACKS,REMOVE	
780	MAF	MOHTP01	139	TACKS,PLACE IN MOUTH	
780	MAF	SOH8P01	135	BATTING(COTTON),POSITION	
780	MAF	SOH8T01	463	BATTING(COTTON),TEAR FROM ROLL	
780	MAF	SOHCFXX	VARIABLE	COVER(UPHOLSTERY),FIT UNDER ADJOINING SURFACE	127
780	MAF	SOHCS01	63	COVER OR MATERIAL(UPHOLSTERY),STRETCH TO FIT OR TACK	
780	MAF	SOHMF01	91	MATERIAL,FOLD	
780	MAF	MTLMC01	33	MATERIAL,CUT WITH SHEARS(UPHOLSTERY)	
781	MAA	SFAPCXX	VARIABLE	PATCH(CLOTH),CUT AND TRIM	
781	MAF	MGMMM01	268	MARK(CHECK),MAKE ON FLOOR	128
781	TUW	MJPCR01	150	CUTTER,REPOSITION FOR NEXT CUT(MACHINE)	
781	TUW	MLODC01	55	DOT,CIRCLE	
781	TUW	MLOPM01	13	PATTERN,MARK AROUND	
781	TUW	MLOPM02	47	POINTS(DOTS),MARK	
781	MAA	MTLCC01	613	CLOTH,CUT WITH SCISSORS	
781	MAA	MTLHP01	365	HOLE,PUNCH IN SOUND PROOFING BLANKET,HAND PUNCH	
781	MAA	MTLHP02	399	HOLE,PUNCH IN SOUND PROOFING BLANKET,KICK PRESS	

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781	TUW	MTLMCXX	VARIABLE	MATERIAL,CUT WITH MACHINE(PER INCH)	129
731	MAA	STLHPXX	VARIABLE	HOLE,PUNCH WITH WHEEL TYPE HARNESS PUNCH	
781	TUW	STPCA01	250	CLIP,ASSEMBLE TO STRAP	
782	MAP	MPKJBXX	VARIABLE	JACKET(DRESS),BUTTON	
782	MAP	MPKJF01	88	JACKET(FATIGUE),FASTEN WITH ZIPPER	
782	MAP	MPKJF02	39	JACKET(FATIGUE),FASTEN WITH SNAP(TWO PART)	
782	MAP	MPKOB01	53	OVERCOAT,BUTTON,PER BUTTON	
782	MAP	MPKOF01	517	OVERCOAT,FOLD	130
782	MAP	MPKOO01	179	OVERCOAT,OBTAIN AND SPREAD TO BUTTON	
782	MAP	MPKSB01	61	SHIRT,BUTTON,PER BUTTON	
782	MAP	MPKSF01	245	SHIRT(OR DRESS JACKET),FOLD,BODY ONLY	
782	MAP	MPKSF02	182	SHIRT(OR DRESS JACKET),FOLD,SLEEVES ONLY	
782	MAP	MPKSF03	53	SHIRT(OR DRESS JACKET),FOLD IN HALF	
782	MAP	MPKSO01	144	SHIRT(OR DRESS JACKET),OBTAIN AND SPREAD TO BUTTON	
782	MAP	MPKSU01	15	SHIRT,UNBUTTON,PER BUTTON	
782	MAP	MPKTF01	171	TROUSERS,FOLD	131
782	MAP	MPKTP01	162	TROUSERS,PLACE FLAT ON TABLE FOR FOLDING	
782	MAP	SPKJB01	799	JACKET(DRESS),BUTTON AND FOLD	
782	MAP	SPKJF01	768	JACKET(FATIGUE),FASTEN AND FOLD	
782	MAP	SPKOB01	884	OVERCOAT,BUTTON AND FOLD	
782	MAP	SPKSB01	824	SHIRT,BUTTON AND FOLD	
782	MAP	SPKTF01	363	TROUSERS,FOLD	
787	TUW	MOHMPXX	VARIABLE	MATERIAL,POSITION TO SEW	
787	MBW	MOHMP03	346	MATERIAL,POSITION TO SEW	
787	MBW	MOHMRXX	VARIABLE	MATERIAL,REPOSITION TO SEW	132
787	MAF	MOHMR04	65	MATERIAL(UPHOLSTERY),REMOVE FROM SEWING MACHINE	
787	TUW	MPTMSXX	VARIABLE	MATERIAL(CLOTH),SEW	
787	TUW	MPTSSXX	VARIABLE	SEAM,SEW WITH DOUBLE NEEDLE MACHINE	
787	TUW	MPTSWXX	VARIABLE	MATERIAL,SEW COUPLING SEAM	133
787	TUW	TPTRSXX	TABLE	REINFORCING,SEW TO SEAM	
787	TUW	SPTAS01	2245	ASSEMBLY(HARDWARE AND WEB STRAP),SEW TO MATERIAL	
787	TUW	SPTFA01	1859	FITTINGS,ASSEMBLE AND SEW TO WEB STRAPS	
787	TUW	SPTRS01	1095	ROPE ENDS,SEW	134
787	TUW	SPTSF01	824	STRAP(UNATTACHED),FOLD AND SEW	
787	TUW	SPTSS01	859	STRAP(WEB),SEW TO MATERIAL	

OCCUP-ATION	QUALITY	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION	PAGE
787	MAA	SSUMP01	945	MACHINE(SEWING),PREPARE TO OPERATE	134
789	TUW	SOPSS01	250	STRAP,SEAL ENDS	
789	TUW	SOHRA01	910	ROPE,ATTACH TO GROMMETTED HOLE IN MATERIAL	135
789	MBW	SOHRW01	905	ROPE ENDS,WRAP WITH TAPE AND CUT TO LENGTH	
789	MBW	STLRS01	214	RIVET,SEAT	
794	MUL	MMTCSXX	VARIABLE	CARTON(FIBERBOARD),STITCH(MACHINE)	

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTOP ELEMENT	PAGE
CABLE,MANUFACTURE,CHECK CONTINUITY,PIN TO PIN	1410	728	SITCM01	101
CABLE,MANUFACTURE,INSTALL HEAT INSULATION,ONE INCH LONG	1060	728	SWHCM01	106
CABLE,MANUFACTURE,MARK SLEEVING,PER MARK	396	728	SIDCM01	100
CABLE,MANUFACTURE,REPLACE STAMPING BLOCK	1370	728	SSUCM02	104
CABLE,MANUFACTURE,REPLACE RIBBON IN CODING MACHINE	1690	728	SSUCM03	104
CABLE,MANUFACTURE,REPLACE WIRE SPOOL IN CODING MACHINE	1902	728	SSUCM04	104
CABLE,MANUFACTURE,SET UP STAMPING DIE	2330	728	MSUCM01	103
CABLE,MANUFACTURE,STRIP SHIELDED WIRE AND ATTACH JUMPER	2058	728	SWHCM03	106
CABLE,MANUFACTURE,TIE CABLE WITH PLASTIC STRAP,PER STRAP	810	728	SWHCM02	106
CABLE,MANUFACTURE,WARM UP CODING MACHINE	1514	728	MPTCM01	103
CABLE,STAMP AND APPLY LABEL	1200	728	SIDCS01	101
CABLE,TEST(PIN TO PIN-ONE PLUG)	1340	728	SITCT03	102
CABLE,TEST(PIN TO PIN-TWO PLUGS)	1150	728	SITCT05	102
CABLE,TEST AND EXAMINE	2440	728	SITCT01	101
CAP(CONNECTOR-THREADED),REMOVE AND INSTALL	714	72X	SDACR07	48
CAPACITOR(BUTTON TYPE),REPLACE(SOLDERED)	4695	72X	SDACR03	48
CAPACITOR/RESISTOR,REPLACE	VARIABLE	72X	SDACRXX	48
CAPACITOR,CALIBRATE	3910	72X	SITCC03	65
CAP AND HANDLE ASSEMBLY,REMOVE FROM CONNECTOR	85	72X	SDHCR03	71
CARBON PILE,REPLACE	5980	729	SDACR01	111
CARTON(FIBERBOARD),STITCH(MACHINE)	VARIABLE	794	MMTCSXX	135
CASE(INSTRUMENT),REPAIR	VARIABLE	710	SDACRXX	31
CHARACTER(S),STAMP IN METAL	VARIABLE	7XX	SIDCSXX	5
CHASSIS,REMOVE FROM CASE	VARIABLE	72X	SDHCRXX	71
CHASSIS,SLIDE FROM AND INTO CASE,ELECTRONICS ASSEMBLY	VARIABLE	72X	MDHCSXX	71
CHASSIS,TURN OVER(WITH CARE)	161	72X	MDHCT01	71
CHECK,MAKE WITH PORTABLE ELECTRICAL METER	VARIABLE	72X	SITCMXX	65
CIRCUIT(ELECTRON TUBE),SERVICE(MECHANICAL)	VARIABLE	72X	SDACSXX	49
CIRCUIT(PIECE),REMOVE FROM PRINTED CIRCUIT BOARD	VARIABLE	726	SDACRXX	99
CIRCUIT BOARD,SET UP AND TEST(DIT-M-CO)	VARIABLE	72X	SITTCXX	68
CLAMP(CABLE),INSTALL WITH LOCKNUT,SCREW/BOLT AND WASHER	VARIABLE	72X	SCPCIXX	44
CLAMP(CABLE),REPLACE WITH LOCKNUT,BOLT/SCREW AND WASHER	VARIABLE	72X	SCPCRXX	45

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OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTDP ELEMENT	PAGE
FERRULE(ON CONDUIT),REAM BY HAND	2450	728	SILFR01	134
FIBERGLASS(HONEYCOMB-DAMAGED),EXAMINE,SOUND AND MARK	2700	744	MILFE01	118
FIBERGLASS,REPAIR	VARIABLE	754	SSRFRXX	121
FILE,USE TO REMOVE MATERIAL	TABLE	705	TTLFUXX	21
FILLER(SOUND PROOFING BLANKET),PLACE IN WRAP	VARIABLE	739	SFAFPXX	113
FILTER OR COIL,REPLACE	VARIABLE	72X	SDAFRXX	49
FINISH(FURNITURE),REMOVE FROM WOOD	VARIABLE	763	SCLFRXX	123
FITTING(AIRCRAFT CONTROL CABLE),CLEAN	450	709	SCLFC01	22
FITTING(AIRCRAFT CONTROL CABLE),SALVAGE	3000	709	STLFS01	29
FITTINGS,ASSEMBLE AND SEW TO WEB STRAPS	1859	787	SPTFA01	133
FREQUENCY,DETERMINE	VARIABLE	72X	SITFDXX	66
FREQUENCY,TEST	980	72X	SITFT01	66
FUSE,REPLACE	329	72X	SNFFR01	70
GAUGE(PRESSURE),CALIBRATE AND ADJUST	14725	710	KITGC01	42
GAUGE/METER,READ	VARIABLE	7XX	MITGRXX	5
GEAR(SINGLE OR TRAIN),TURN TO POSITION,BY HAND	VARIABLE	7XX	SDHGTXX	11
GEAR(WORM),REAM AND INSTALL	VARIABLE	70X	SDAGRXX	17
GEAR MESH,ADJUST	4180	710	SITGA01	40
GEAR TRAIN(SYNCHRO),REPLACE	13500	721	SDAGR01	93
GENERATOR(RADIO FREQUENCY),ADJUST	1710	72X	MITGA01	64
GENERATOR(RADIO FREQUENCY),ADJUST	1710	72X	SITGA01	66
GIB(PANTOGRAPH MACHINE),REMOVE AND INSERT FROM HOLDING TABLE(PER GIB)	86	704	SSUGR01	18
GLAZE,APPLY TO SURFACE WITH BRUSH	VARIABLE	754	SPAGAXX	120
GLUE,APPLY WITH BRUSH TO SURFACE	544	763	SNFGA01	124
GLYPTAL/DOPE,APPLY TO SCREW OR NUT	VARIABLE	7XX	MPAGAXX	11
GROMMET(RUBBER),REMOVE FROM BODY OF CONNECTOR ASSEMBLY	111	72X	MTLGR01	73
GROMMET,INSTALL,USING GUIDE WIRE AND ARBOR PRESS	VARIABLE	72X	SDAGIXX	50
GROMMET,INSTALL IN SOUND PROOFING BLANKET	981	739	SFAGI01	114
GUARD(GYRO HEADER PIN),REMOVE	1844	710	SDAGR01	91
GUIDE(DRILL),SET UP AND ASIDE	VARIABLE	754	SJPGSXX	119
GUN(SPRAY),PREPARE AND FILL	760	754	SJPGP01	117
HARNESS(ELECTRICAL),UNWRAP TAPE	VARIABLE	72X	SWMHDXX	81
HARNESS(ELECTRICAL),WRAP WITH TAPE	VARIABLE	72X	SWMHAXX	81
HEAT LAMP(FIBERGLASS REPAIR),SET UP TO HEAT CURE	465	754	SJPHS01	119

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INSULATION/HI-POT(WIRE),TEST	VARIABLE	72X	SITITXX	67
INSULATION,CHECK WITH PORTABLE TESTER AND VARIAC	813	72X	SITICO1	67
INSULATION,STRIP	VARIABLE	72X	SWHISXX	82
JACK/TEST POINT(PANEL MOUNTED),REPLACE	VARIABLE	72X	SDAJRXX	50
JACKET(DRESS),BUTTON	VARIABLE	782	MPKJBXX	129
JACKET(DRESS),BUTTON AND FOLD	799	782	SPKJBO1	131
JACKET(FATIGUE),FASTEN AND FOLD	768	782	SPKJFO1	131
JACKET(FATIGUE),FASTEN WITH ZIPPER	88	782	MPKJFO1	129
JACKET(FATIGUE),FASTEN WITH SNAP(TWO PART)	39	782	MPKJFO2	129
KNOB/POINTER,INSTALL WITH NORMAL ACCESS(HAND OR TOOL)	VARIABLE	7XX	SDAKIXX	2
KNOB/POINTER,REMOVE(HAND OR TOOL)	VARIABLE	7XX	SDAKRXX	3
LABEL,PREPARE AND ATTACH TO CABLE	7760	728	SIDLPO1	101
LAMINATE(CLOTH),LAYOUT AND PREPARE TO REPAIR	VARIABLE	754	SJPLLXX	119
LAMP(PILOT),REPLACE	920	72X	SDALRO1	50
LEAD(AND SOCKET,ELECTRON TUBE),REPLACE	TABLE	72X	SDARLXX	59
LEAD(AXIAL),UNSOLDER,SOLDER,TAG,UNTAG	3967	72X	SWHLUO1	84
LEAD(GROUND)OR TAB,SOLDER OR UNSOLDER	95	7XX	MPTLSO1	11
LEAD(STRANDED),RELOCATE	7712	72X	SWHLRO5	84
LEAD(WIRE),CLEAN AND PREPARE END FOR REINSTALLATION(STRANDED WIRE)	VARIABLE	72X	SWHLCXX	93
LEAD(WIRE),REMOVE/INSTALL TO BINDING POST	VARIABLE	72X	MWHLRXX	76
LEAD,REMOVE AND INSTALL,VARIOUS TERMINALS, NORMAL AND RESTRICTED ACCESS	TABLE	72X	SWHRLXX	86
LEAD,REMOVE FROM PRINTED CIRCUIT BOARD	1750	72X	SWHLRO6	84
LEAD,REMOVE FROM TERMINAL	VARIABLE	72X	SWHLRXX	84
LEAD,SOLDER ON PRINTED CIRCUIT BOARD	11890	72X	SWHLSO1	84
LENS(GAUGE),REPLACE IN GAUGE	1876	710	SDALRO1	32
LETTER(ENGRAVED),FILL WITH ENGRAVERS CRAYON	VARIABLE	704	MPALFXX	18
LETTER(STENCIL),PAINT WITH BRUSH	VARIABLE	740	MPALPXX	117
LETTER,ENGRAVE(PANTOGRAPH),IN METAL,BAKELITE OR PLASTIC	VARIABLE	704	MTPLEXX	19
LETTERS(SET-METAL STENCIL),PUT IN CASE	151	74X	MOHLPO1	116
LOOP,FORM OR OPEN WITH PLIERS	VARIABLE	72X	MWHLFXX	75
LUBRICANT,APPLY TO GASKET/OMRING	VARIABLE	7XX	SLULAXX	7
LUBRICANT,APPLY TO SPOT WITH HYPODERMIC SYRINGE	243	7XX	SLULAO5	7
LUG(TERMINAL),CRIMP TO WIRE END	352	72X	MWHLCO1	75

OPERATION/ELEMENT DESCRIPTION	TMU VALUE	OCCUP-ATION	DWMSTCP ELEMENT	PAGE
PRESS OUT BEARING AND REMOVE SLINGER	1660	721	SDABP01	93
PRY PARTS APART WITH HAMMER AND CHISEL	144	7XX	STLPP01	13
PUNCH HOLE IN SOUND PROOFING BLANKET,HAND PUNCH	365	781	MTLMP01	128
PUNCH HOLE IN SOUND PROOFING BLANKET KICK PRESS	399	781	MTLMP02	128
PUNCH HOLE WITH HAMMER AND HOLLOW POINT PUNCH	VARIABLE	7XX	STLMPXX	13
PUNCH HOLE WITH WHEEL TYPE HARNESS PUNCH	VARIABLE	781	STLMPXX	129
PUT SET(METAL STENCIL LETTERS)IN CASE	151	76X	MOMLP01	116
RAISE DIP TABLE AND LOWER	393	765	SPTPO01	28
READ GAUGE/METER	VARIABLE	7XX	MITGRXX	5
READ TECHNICAL ORDER(CUTLINE/RECAP)	VARIABLE	7XX	MRCTRXX	11
REAM FERRULE ON CONDUIT BY HAND	2450	726	STLFR01	104
REAM WORM GEAR AND INSTALL	VARIABLE	70X	SDAGRXX	17
REASSEMBLE PLUG TO CABLE WITH SLEEVE	1057	72X	SDAPR14	57
RELEASE OBJECT FROM STRAP VISE(HYDRAULIC)	VARIABLE	7XX	MVSORXX	16
RELOCATE STRANDED LEAD	7712	72X	SWMLR05	84
REMOVE ADAPTER/PLUG	VARIABLE	7XX	STLARXX	13
REMOVE AND REINSTALL TIP ON ELECTRIC SOLDERING GUN	373	72X	MTLTR04	74
REMOVE AXIAL LEAD PART FROM PIN/POST OR EYELET TERMINAL	VARIABLE	72X	SWMPRXX	85
REMOVE BEARING OR GEAR	VARIABLE	7XX	SDABRXX	1
REMOVE BOURDON TUBE AND REPLACE	1582	710	SDATR01	34
REMOVE BOX TYPE COVER FROM UNIT	TABLE	7XX	SDMCRXX	10
REMOVE BUTTON PLUG	153	7XX	SDAPR02	4
REMOVE CABLE PLUG FROM MOLD	7380	728	SWMPR01	107
REMOVE CAP AND HANDLE ASSEMBLY FROM CONNECTOR	85	72X	SDMCR03	71
REMOVE CATHODE RAY TUBE AND INSTALL	4749	72X	SDATR07	63
REMOVE CHASSIS FROM CASE	VARIABLE	72X	SDMCRXX	71
REMOVE CIRCUIT PIECE FROM PRINTED CIRCUIT BOARD	VARIABLE	726	SDACRXX	99
REMOVE CLEVO FASTENER	VARIABLE	70X	SCPFRXX	16
REMOVE COAXIAL CABLE FROM CONNECTOR WITH THREADED CAP	929	72X	SWMCR05	81
REMOVE CONNECTOR-THREADED CAP AND INSTALL	714	72X	SDACR07	46
REMOVE COUPLER/GEAR/SLEEVE OR COLLAR AND INSTALL WITH PIN OR CLAMP AND SET SCREW	VARIABLE	7XX	SDACRXX	2
REMOVE EXCESS SOLDER AND WEIGHTS FROM	3398	710	SDASR03	34
REMOVE EXCESS SOLDER FROM SEAL NUT HOLE (GYRO MOTOR)	2638	71C	SDASR02	34

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DEFENSE WORK MEASUREMENT STANDARD TIME DATA PROGRAM (DWMSTDP)

PART TWO - BENCH WORK OCCUPATIONS STANDARD TIME DATA

SECTION II - DWMSTDP ELEMENT LISTING

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	7XX	MAA	SLRCCXX	SCLCCXX	VARIABLE	COMPONENT,CLEAN WITH BRUSH AND SOLVENT STARTS-WITH REACH TO GET PART OR BRUSH INCLUDES-ALL THE MOTIONS NECESSARY TO OBTAIN PART OR BRUSH,DIP BRUSH IN SOLVENT,BRUSH SOLVENT ONTO PART(BOTH SIDES),ASIDE BRUSH,GET AIR HOSE,ACTUATE HOSE BUTTON,BLOW OFF BOTH SIDES,ASIDE HOSE ENDS-WITH ASIDE HOSE CONDITIONS-SEE 709 SITPMXX FOR DEFINITIONS OF SIMPLE,COMPLEX AND VERY COMPLEX PARTS
					590	CASE 01 SIMPLE PART-TO 10 SQUARE FEET
					950	02 COMPLEX PART-TO 10 SQUARE FEET
					4550	03 SMALL,VERY COMPLEX PART OR MISCELLANEOUS SMALL PARTS-TO 3 SQUARE FEET
NAA	7XX	MAA	SLRCNXX	SDABIXX	VARIABLE	BEARING OR GEAR,INSTALL STARTS-WITH REACH TO GET PACKAGE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND UNPACK BEARING OR GEAR,PLACE IN POSITION TO UNIT AND FIT,INSTALL ENDS-WITH BEARING OR GEAR IN POSITION OR TOOL ASIDE CONDITIONS-APPLIES TO PARTS UP TO 30 POUNDS
					520	CASE 01 UNPACK BEARING OR GEAR
					420	02 INSTALL-HAND FIT
					1270	03 INSTALL WITH HAMMER AND BLOCK
					2320	04 INSTALL WITH ARBOR PRESS
NAA	7XX	MAA	SLRCRXX	SDABRXX	VARIABLE	BEARING OR GEAR,REMOVE STARTS-WITH REACH TO GET TOOL OR IMPLEMENT INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION TOOL OR IMPLEMENT TO BEARING OR GEAR, USE TOOL TO REMOVE BEARING OR GEAR ENDS-WITH ASIDE UNIT,TOOL AND BEARING OR GEAR CONDITIONS-APPLIES TO PARTS UP TO 30 POUNDS
					1219	CASE 01 REMOVE WITH HAMMER AND PUNCH
					1700	02 REMOVE WITH PULLER
					1920	03 REMOVE WITH ARBOR PRESS
FFH	7XX	MAA	KERCADA	SDACIXX	VARIABLE	COVER/PANEL(ACCESS),INSTALL AND REMOVE STARTS-WITH REACH TO UNIT INCLUDES-ALL THE MOTIONS NECESSARY TO READ THE T/O,REPOSITION THE SET AND ALIGN,UNFASTEN DZUS FASTENERS,REMOVE COVER AND ASIDE COVER TO WORKBENCH,READ T/O,REPOSITION SET,PICK UP PANEL,PLACE PANEL ON SET,ALIGN PANEL,FASTEN DZUS FASTENERS,ASIDE TOOLS ENDS-WITH ASIDE TOOLS OR PANEL/COVER CONDITONS-APPLIES TO PANEL WITH FOUR DZUS FASTENERS ONE TO THREE INCHES APART
					307	CASE 01 REMOVE PANEL/COVER
					421	02 INSTALL PANEL/COVER
					104	03 ADD TO CASE 01 OR 02 IF READ T/O IS REQUIRED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	7XX	MAA	KERKNXX	SDAKIXX	VARIABLE	KNOB/POINTER,INSTALL WITH NORMAL ACCESS(HAND OR TOOL) STARTS-WITH REACH TO GET KNOB/POINTER INCLUDES-ALL THE MOTIONS NECESSARY TO INSTALL A KNOB ON A SHAFT,GET TOOL WHEN REQUIRED, TIGHTEN SCREW WHEN REQUIRED,ASIDE TOOL ENDS-WITH KNOB SECURE ON SHAFT OR TOOL ASIDE
					99	CASE 01 PUSH ON TYPE-NO TOOL REQUIRED
					184	02 KNOB WITH ONE COMMON SET SCREW-SCREW-DRIVER REQUIRED-ENDS-WITH TOOL ASIDE
					265	03 KNOB WITH TWO COMMON SET SCREWS-SCREW DRIVER REQUIRED-ENDS-WITH TOOL ASIDE
					257	04 KNOB WITH ONE ALLEN HEAD SET SCREW-ALLEN WRENCH REQUIRED-ENDS WITH TOOL ASIDE-NORMAL ACCESS
					595	05 KNOB WITH TWO ALLEN HEAD SET SCREWS-ALLEN WRENCH REQUIRED-ENDS WITH TOOL ASIDE-NORMAL ACCESS
					481	06 KNOB WITH ONE ALLEN HEAD SET SCREW-OBSTRUCTED/RESTRICTED ACCESS-EFFECTIVE WRENCH RADIUS LESS THAN THREE INCHES-90 DEGREE TURNS
					775	07 KNOB WITH TWO ALLEN HEAD SET SCREWS-OBSTRUCTED/RESTRICTED ACCESS-EFFECTIVE WRENCH RADIUS LESS THAN THREE INCHES-90 DEGREE TURNS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	7XX	MAA	KERKNXX	SDAKRXX	VARIABLE	KNOB/POINTER,REMOVE(HAND OR TOOL) STARTS-WITH REACH TO KNOB OR GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE A KNOB/POINTER FROM A SHAFT BY HAND OR WITH A TOOL WHEN REQUIRED ENDS-WITH ASIDE KNOB/POINTER
					57	CASE 01 KNOB-PULL OFF-FRICTION HELD
					165	02 KNOB-SECURED WITH ONE COMMON SET SCREW
					246	03 KNOB-SECURED WITH TWO COMMON SET SCREWS
					252	04 KNOB-SECURED WITH ONE ALLEN HEAD SET SCREW-NORMAL ACCESS
					416	05 KNOB-SECURED WITH TWO ALLEN HEAD SET SCREWS-NORMAL ACCESS
					450	06 KNOB-SECURED WITH ONE ALLEN HEAD SET SCREW-OBSTRUCTED/RESTRICTED ACCESS-EFFECTIVE WRENCH RADIUS LESS THAN THREE INCHES-90 DEGREE TURNS
					744	07 KNOB-SECURED WITH TWO ALLEN HEAD SET SCREWS-OBSTRUCTED/RESTRICTED ACCESS-EFFECTIVE WRENCH RADIUS LESS THAN THREE INCHES-90 DEGREE TURNS
NAA	7XX	MAA	SLRCN17	SDAMI01	1490	MOUNT(SHOCK),INSTALL STARTS-WITH REACH TO GET SHOCK MOUNT INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND UNWRAP SHOCK MOUNT,POSITION MOUNT TO ASSEMBLY, INSTALL MOUNT WITH ONE SCREW,ASIDE ASSEMBLY ENDS-WITH ASIDE ASSEMBLY
NAA	7XX	MAA	SLRCR38	SDAMR01	1170	MOUNT(SHOCK),REMOVE STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE ONE SCREW,ASIDE TOOL AND SCREW, REPOSITION ASSEMBLY,REMOVE AND ASIDE SHOCK MOUNT ENDS-WITH ASIDE SHOCK MOUNT
FFH	7XX	MAA	KERPLAE	SDAPC01	645	PLUG(CANNON),CONNECT STARTS-WITH REACH TO GET PLUG INCLUDES-ALL THE MOTIONS NECESSARY TO GET PLUG AND MOVE TO PLUG MOUNT,POSITION SLOT,INSTALL, RUN IN AND TIGHTEN NUT ENDS-WITH PLUG CONNECTED AND NUT TIGHTEN CONDITIONS-APPLIES TO NUMBER 24 CANNON PLUG OR LIKE ITEM-5 TO 10 THREADS
FFH	7XX	MAA	KERPLAF	SDAPC02	989	PLUG(JONES),CONNECT STARTS-WITH REACH TO GET PLUG INCLUDES-ALL THE MOTIONS NECESSARY TO GET, POSITION,INSTALL A JONES PLUG WITH TWO SCREWS ENDS-WITH ASIDE SCREWDRIVER CONDITIONS-APPLIES TO A MULTI PIN(MORE THAN THREE)PLUG WITH TWO SCREWS-FIVE-10 THREADS
FFH	7XX	MAA	KERPLDG	SDAPD01	564	PLUG(CANNON),DISCONNECT STARTS-WITH REACH TO PLUG NUT INCLUDES-ALL THE MOTIONS NECESSARY TO UNSCREW RING NUT AND DISCONNECT PLUG ENDS-WITH ASIDE PLUG CONDITIONS-APPLIES TO NUMBER 24 CANNON PLUG OR LIKE ITEM-5 TO 10 THREADS
FFH	7XX	MAA	KERPLDH	SDAPD02	901	PLUG(JONES),DISCONNECT STARTS-WITH REACH TO GET SCREWDRIVER INCLUDES-ALL THE MOTIONS NECESSARY TO GET SCREWDRIVER,REMOVE TWO SCREWS AND UNPLUG A JONES PLUG,ASIDE SCREWDRIVER AND PLUG ENDS-WITH ASIDE PLUG CONDITIONS-APPLIES TO MULTI-PIN(THREE OR MORE) PLUG SECURED BY TWO SCREWS-FIVE TO 10 THREADS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	7XX	MAA	ITEDI02	SDAPD03	420	PLUG(PULSE CABLE),DISCONNECT STARTS-WITH REACH TO CABLE FITTING INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP FITTING,LOOSEN NUT,SHAKE,REMOVE NUT,DISENGAGE AND ASIDE CABLE ENDS-WITH ASIDE CABLE
AF	7XX	MAA	650	SDAPI01	144	PART(SMALL),INSTALL AND POSITION WITH TWEEZERS STARTS-WITH REACH TO OBTAIN TWEEZERS INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE TWEEZERS INTO CONTAINER,POSITION TO PART AND GRASP WITH TWEEZERS,REMOVE PART FROM CONTAINER AND POSITION TO ASSEMBLY,RELEASE PART IN POSITION ON ASSEMBLY ENDS-WITH RELEASE PART
FFE	7XX	MAA	GMP8AAZ	SDAPI02	179	PLUG(BUTTON)AND GASKET,INSTALL STARTS-WITH REACH TO GET PLUG INCLUDES-ALL THE MOTIONS NECESSARY TO GET PLUG AND CORK GASKET,PUT GASKET ON PLUG AND INSERT IN HOLE AND SEAT ENDS-WITH PLUG SEATED IN HOLE
MAA	7XX	MAA	SLRCR43	SDAPR01	2790	PART OR MODULE,REPLACE STARTS-WITH REACH TO TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE ONE SCREW,ASIDE SCREW AND TOOL, REMOVE AND ASIDE PART OR MODULE,GET WRAPPED PART OR MODULE,UNWRAP,ASIDE WRAPPING,POSITION PART OR MODULE FOR INSTALLATION,GET SCREW AND TOOL,INSTALL ONE SCREW AND ASIDE TOOL ENDS-WITH ASIDE TOOL
FFE	7XX	MAA	GMP8AD3	SDAPR02	153	PLUG(BUTTON),REMOVE STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND PRY PLUG OUT,ASIDE PLUG AND TOOL ENDS-WITH ASIDE PLUG CONDITIONS-WEDGE TYPE TOOL
FFE	7XX	MAA	GTFPD01	SDAPR03	587	PART(THREADED-STAKED),REMOVE STARTS-WITH REACH TO PRESS HANDLE INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP PRESS HANDLE,LOWER RAM 1/2 INCH,MOVE HANDLE TO ALIGN DRIVER,LOWER RAM AND DRIVE BIT,GET LEVER AND LOOSEN PART,RAISE PRESS ARM,GET AND ASIDE THREADED PART ENDS-WITH ASIDE PART CONDITIONS-PART REMOVED HAS UP TO 10 THREADS-DOES NOT INCLUDE SET-UP OR TAKE DOWN FROM PRESS FIXTURE
FFH	7XX	TUL	KERPTLA	MIDPL01	91	POINT(ON CHASSIS OR TERMINAL BOARD),LOCATE/FIND STARTS-WITH EYES LOOKING IN GENERAL AREA INCLUDES-PROCESS TIME TO SEARCH AND SELECT A SPECIFIC POINT ON A CHASSIS OR TERMINAL BOARD ENDS-WITH EYES FOCUSED ON POINT CONDITIONS-DOES NOT INCLUDE EYE TRAVEL TO UNIT-APPLIES TO LOCATION OF SPECIFIC POINT, AXIAL LEAD PART,TERMINAL OR TUBE,ETC.
FFH	7XX	TAA	KERLPAA	MIDPL02	143	POINT,LOCATE ON CHASSIS OR TERMINAL BOARD STARTS-WITH EYE TRAVEL TO UNIT INCLUDES-ALL THE MOTIONS NECESSARY FOR EYES TO TRAVEL FROM UNIT TO INSTRUCTIONS AND BACK TO UNIT(15 INCHES FROM EYES),SEARCH AND SELECT A SPECIFIC POINT ON UNIT ENDS-WITH EYES FOCUSED ON POINT CONDITIONS-APPLIES TO THE LOCATION OF A SPECIFIC POINT,TUBE,TERMINAL,AXIAL LEAD PART, ETC.

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
MAA	7XX	MAA	OIDMSXX	SIDCSXX	VARIABLE	CHARACTER(S),STAMP IN METAL STARTS-WITH REACH TO BOX OF METAL STAMPS INCLUDES-ALL THE MOTIONS NECESSARY TO GET BOX OF STAMPS,SELECT STAMP,POSITION TO USE,GET HAMMER,STRIKE STAMP,INSPECT MARK,ASIDE HAMMER AND RETURN STAMP TO BOX ENDS-WITH STAMP IN BOX,HAMMER ASIDE
					245	CASE 01 STAMP FIRST CHARACTER
					176	02 STAMP EACH ADDITIONAL CHARACTER(IN SERIES OF DIFFERENT CHARACTERS)
					91	03 STAMP ADDITIONAL REPETITIVE CHARACTERS -EACH
FFD	7XX	MAA	KEROTXX	MITGRXX	VARIABLE	GAUGE/METER,READ STARTS-WITH EYE TRAVEL TO METER OR GAUGE INCLUDES-ALL THE MOTIONS NECESSARY FOR EYES TO TRAVEL TO AND FOCUS ON GAUGE/METER,READ DIGITS AND RECORD WHEN NECESSARY ENDS-WITH READ LAST DIGIT OR READ AND RECORD
					52	CASE 01 READ THREE TO FIVE DIGITS-TO 15 INCHES FROM EYES-DO NOT RECORD
					80	02 READ ZERO TO 10 INCREMENTS ON SCALE GAUGE-TO 15 INCHES FROM EYES-READ AND RETAIN FIGURE-DO NOT RECORD
					167	03 READ THREE TO FIVE DIGITS-TO 15 INCHES FROM GAUGE-RECORD DIGITS
					101	04 READ DIGITAL COUNTER-INCLUDES PROCESS TIME TO RECYCLE-READ TO 15 INCHES FROM EYES
					216	05 READ DIGITAL COUNTER AND RECORD READ-INGS-ZERO TO 5 DIGITS-INCLUDES PROCESS TIME TO RECYCLE-TO 15 INCHES FROM DIGITS TO EYES
NAA	7XX	MAA	SLRCIXX	SITCCXX	VARIABLE	COMPONENT,CLEAN AND INSPECT STARTS-WITH REACH TO BRUSH INCLUDES-ALL THE MOTIONS NECESSARY TO GET BRUSH AND BRUSH PART(INTERNAL),REPOSITION PART WHEN REQUIRED,ASIDE BRUSH,EXAMINE PART ENDS-WITH INSPECTION COMPLETE,BRUSH ASIDE CONDITIONS-SEE 709 SITPMXX FOR DEFINITIONS OF SIMPLE,MODERATE AND COMPLEX PARTS
					700	CASE 01 SIMPLE PART-16 TWO-INCH BRUSH STROKES-EXAMINE 10 FOCAL AREAS
					1600	02 MODERATE PART-48 TWO-INCH BRUSH STROKES-EXAMINE 20 FOCAL AREAS
					3720	03 COMPLEX PART-100 TWO-INCH BRUSH STROKES-EXAMINE 40 FOCAL AREAS
NAA	7XX	MAA	SFSST01	SITSTXX	VARIABLE	SPRING,TEST STARTS-WITH REACH TO CRANK INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP AND TURN CRANK TO OPEN TEST UNIT TO LENGTH OF SPRING,GET AND PLACE SPRING OVER ALIGNMENT PIN,GET AND ZERO WEIGHT GAUGE,CHECK POINTER, LOWER COMPRESSION HEAD WITH CRANK AND POSITION HEAD ON SPRING,READ SCALE,LOWER COMPRESSION HEAD AGAIN,READ GAUGE,REPEAT,RAISE COMPRESSION HEAD,GET AND ASIDE SPRING ENDS-WITH ASIDE SPRING CONDITIONS-SPRING TO THREE INCHES
					1109	CASE 01 FIRST OR SINGLE SPRING
					882	02 EACH ADDITIONAL SPRING

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	7XX	MAA	SESST01	SITST03	1540	SPRING,TEST STARTS-WITH REACH TO GET SPRING INCLUDES-ALL THE MOTIONS NECESSARY TO GET SPRING,GET AND MOVE SHIELD,PLACE SPRING IN POSITION,PLACE SHIELD ON GAUGE,GET AND TURN COARSE AND FINE ADJUSTMENT CRANK,READ SCALE,READ PRESSURE GAUGE SCALE,TURN CRANK TO RELEASE SPRING,GET AND MOVE SHIELD,GET SPRING, PLACE SHIELD ON GAUGE,ASIDE SPRING ENDS-WITH ASIDE SPRING CONDITIONS-TEST SPRING FOR COLLAPSED LENGTH AND PRESSURE-SPRING TO SIX INCHES LENGTH AND 500 POUNDS LOAD
NAA	7XX	MAA	SLREJ01	MJPEPXX	VARIABLE	EYE LOUPE(FRAME/EYE HELD),PREPARE TO USE STARTS-WITH REACH TO GET EYE LOUPE INCLUDES-ALL THE MOTIONS NECESSARY TO GET EYE LOUPE,POSITION TO EYEGLASS FRAME OR TO EYE, GET LENSE PAPER,CLEAN LENSE,CRUMPLE AND ASIDE PAPER,ASIDE EYE HELD LOUPE TO BENCH,ROTATE FRAME HELD LOUPE UP ENDS-WITH EYE HELD LOUPE ASIDE TO BENCH,FRAME 223 CASE 01 FRAME HELD EYE LOUPE 234 02 EYE HELD EYE LOUPE
NO	7XX	MAO	LB18-1	MJPPP01	143	PROTECTORS(VISE JAW),PLACE STARTS-WITH REACH TO PROTECTORS INCLUDES-ALL THE MOTIONS NECESSARY TO GET PROTECTORS,POSITION PROTECTORS ON VISE JAWS, RELEASE PROTECTORS ENDS-WITH RELEASE OF SECOND PROTECTOR ON JAW
NO	7XX	MAO	LB1W	MJPVS01	135	VISE,SWIVEL TO DESIRED WORK POSITION STARTS-WITH REACH TO LOCK BAR INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP TURN BAR TO BREAK LOCK,LOOSEN,RELEASE BAR AND GRASP VISE,MOVE TO DESIRED POSITION,RELEASE AND GRASP LOCK BAR,TIGHTEN,RELEASE BAR ENDS-WITH RELEASE LOCK BAR CONDITIONS-UP TO FOUR INCH JAWS
AF	7XX	MAW	1628-38	SJPDP01	451	DRILL(PORTABLE),PREPARE TO USE STARTS-WITH TURN TO PICK UP TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP TOOL,SLIDE TO EDGE OF BENCH,PICK UP,PUT DOWN ON TABLE,UNWIND CORD FROM AROUND TOOL,PLUG INTO OUTLET,GRASP MACHINE ENDS-WITH MACHINE READY FOR USE CONDITIONS-DOES NOT INCLUDE WALK TO GET TOOL OR WALK WITH TOOL TO WORK AREA
NO	7XX	MAO	LPA-K46	SJPOS01	1199	DRILL(PORTABLE-MAGNETIC BASE),SET UP STARTS-WITH REACH TO GET CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP CABLE FROM STORAGE,PLUG IN BOTH ENDS,PICK UP MAGNETIC BASE PORTABLE DRILL,PLACE DRILL IN WORK AREA AND RELEASE,PICK UP TOOL AND KEY, POSITION TOOL IN CHUCK AND ASIDE KEY,GET KEY AND REMOVE TOOL FROM CHUCK(JACOBS),RETURN TOOL TO STORAGE ENDS-WITH TOOL RETURNED TO STORAGE CONDITIONS-DOES NOT INCLUDE WALK TO GET AND RETURN TOOL,CABLE OR DRILL

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	7XX	MAA	SPSSM01	SJPMPXX	VARIABLE	MOTOR(AIR),PREPARE FOR USE,ASIDE STARTS-WITH REACH TO GET HOSE INCLUDES-ALL THE MOTIONS NECESSARY TO GET HOSE AND HOOK TO MOTOR,INSTALL AND REMOVE TOOL IN AIR MOTOR,UNHOOK HOSE AND ASIDE,ASIDE MOTOR ENDS-WITH REMOVE TOOL FROM MOTOR AFTER FINISH OF JOB CONDITIONS-WALKING TO GET TOOLS AND CUTTING TIME NOT INCLUDED
					740	CASE 01 FIRST OR SINGLE TOOL USED
					550	02 EACH ADDITIONAL TOOL USED
FFE	7XX	MAA	GSCSIXX	SLULAXX	VARIABLE	LUBRICANT,APPLY TO GASKET/"O"RING STARTS-WITH REACH TO GET LUBRICANT TUBE,PART ON TABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET LUBE TUBE,REMOVE CAP,ASIDE CAP,PLACE TUBE TO SPOT AND APPLY LUBRICANT,REPLACE CAP ON TUBE,ASIDE. PICK UP GASKETS,SPREAD LUBRICANT WITH FINGERS, ASIDE RING/GASKET ENDS-WITH ASIDE GASKET/"O"RING
					395	CASE 01 GASKET/RING-TO ONE INCH IN DIAMETER
					462	02 GASKET/RING-ONE TO TWO INCHES IN DIAMETER
					529	03 GASKET/RING-TWO TO THREE INCHES IN DIAMETER
					596	04 GASKET/RING-THREE TO FOUR INCHES IN DIAMETER
NAA	7XX	MAA	OLUCS12	SLULA05	243	LUBRICANT,APPLY TO SPOT WITH HYPODERMIC SYRINGE STARTS-WITH REACH TO GET SYRINGE INCLUDES-ALL THE MOTIONS NECESSARY TO GET SYRINGE,WIPE NEEDLE WITH FINGERS,MOVE HYPO TO WORK,APPLY LUBRICANT,SPREAD,CHECK WORK,ASIDE SYRINGE ENDS-WITH SYRINGE ASIDE CONDITIONS-APPLY TWO DROPS TO EACH SPOT
FFE	7XX	MAA	GSCLAE2	SLUOAXX	VARIABLE	OIL(LIGHT),APPLY WITH SYRINGE STARTS-WITH SYRINGE IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO PLACE NEEDLE TO SPOT TO APPLY OIL,PUSH PLUNGER TO APPLY ONE DROP OF OIL ENDS-WITH SYRINGE IN HAND
					112	CASE 01 APPLY FIRST DROP-EACH ADDITIONAL SPOT
					64	02 APPLY EACH ADDITIONAL DROP-FIRST SINGLE OR ADDITIONAL SPOT
FFE	7XX	MAA	GSCLAE1	SLUSF01	784	SYRINGE(HYPODERMIC),FILL WITH LIGHT OIL STARTS-WITH REACH TO OIL CONTAINER INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND OPEN OIL CONTAINER,GET SYRINGE AND NEEDLE, ASIDE NEEDLE,INSERT SYRINGE INTO OIL,PULL PLUNGER TO FILL SYRINGE,REMOVE SYRINGE FROM CONTAINER,GET NEEDLE AND ATTACH TO SYRINGE, GET WIPER AND WIPE OIL FROM SYRINGE,ASIDE WIPER AND SYRINGE,CLOSE AND ASIDE CONTAINER ENDS-WITH ASIDE OIL CONTAINER CONDITIONS-CONTAINER IS GLASS JAR,TO 10 POUNDS
FFD	7XX	MAA	GECMCP3	MNFC101	95	COVER(PROTECTIVE-CLAMP ON TYPE),INSTALL ON PART STARTS-WITH COVER(PROTECTOR) IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO PLACE COVER ON PART,PLACE ONE HAND NEAR BUCKLE AND GRASP BUCKLE WITH OTHER HAND,HOOK AND FASTEN BUCKLE,RELEASE BOTH HANDS ENDS-WITH COVER IN PLACE,FASTENED AND RELEASED

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFD	7XX	MAA	GECMCP4	MNFC102	116	COVER(PROTECTIVE-EXPANDABLE BAND TYPE),INSTALL ON PART STARTS-WITH REACH TO GET COVER INCLUDES-ALL THE MOTIONS NECESSARY TO GET COVER,MOVE COVER TO AND PLACE ON PART WAY ON PART,STRETCH BAND AND MOVE COVER ONTO PART, RELEASE COVER ENDS-WITH COVER RELEASED IN PLACE
FFD	7XX	MAA	GECMCP2	MNFCR01	78	COVER(PROTECTIVE-CLAMP ON TYPE),REMOVE FROM PART STARTS-WITH REACH TO LATCH ON PROTECTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP AND OPEN LATCH WITH THUMB,UNHOOK LATCH, DIS-ENGAGE PROTECTOR FROM PART AND ASIDE ENDS-WITH PROTECTOR ASIDE
AF	7XX	MAA	493	MNFP8XX	VARIABLE	PIN,BEND WITH PLIERS STARTS-WITH PLIERS IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE PLIERS TO AND POSITION ON PIN/PRONG/TAB,CLOSE PLIERS TO HOLD OBJECT,TURN PLIERS TO BEND 90 DEGREES,OPEN PLIERS AND REPOSITION ON OBJECT, FINAL SECURE OBJECT WITH PLIERS ENDS-WITH RELAX GRIP CONDITIONS-OBJECT UP TO 1/8 INCH DIAMETER OR THICKNESS
					192	CASE 01 BEND FIRST OR SINGLE PIN
					156	02 BEND EACH ADDITIONAL PIN
FFE	7XX	MAA	KERCHXX	MOHCCXX	VARIABLE	COVER(HINGED),CLOSE STARTS-WITH REACH TO COVER INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP COVER,MOVE TO CLOSED POSITION,APPLY PRESSURE TO SEAT ENDS-WITH COVER SEATED CONDITIONS-DOES NOT INCLUDE INSTALLATION OF FASTENERS
					58	CASE 01 CLOSE HINGED COVER-TO 2.5 POUNDS
					89	02 CLOSE HINGED COVER-2.5 TO 20 POUNDS
FFE	7XX	MAA	KEMCHXX	MOHC101	255	COVER(HINGED-PIN TYPE),INSTALL AND CLOSE STARTS-WITH REACH TO COVER INCLUDES-ALL MOTIONS NECESSARY TO GET AND PLACE COVER CASE,MOVE AND ALIGN HINGES TO PINS AND MOVE COVER ONTO PINS,SEAT COVER,CLOSE COVER ENDS-WITH COVER CLOSED CONDITIONS-COVER WEIGHS TO 2.5 POUNDS,UNIT WEIGHS TO 40 POUNDS,TIME TO FASTEN NOT INCLUDED
FFE	7XX	MAA	KERCHXX	MOHCOXX	VARIABLE	COVER,OPEN STARTS-WITH REACH TO COVER INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP COVER AND MOVE TO OPEN POSITION OR ASIDE ENDS-WITH COVER IN OPEN POSITION OR ASIDE CONDITIONS-DOES NOT INCLUDE LOOSEN OR REMOVE FASTENERS
					52	CASE 01 OPEN COVER-UP TO 2.5 POUNDS(HINGED)
					87	02 OPEN COVER-2.5 TO 20 POUNDS(HINGED)
					238	03 OPEN AND REMOVE COVER(PIN TYPE)-2.5 POUNDS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	7XX	MAA	KERCCAX	MOHCPXX	VARIABLE	COVER(WRAP AROUND OR CAP SHAPED),PLACE ON UNIT STARTS=WITH REACH TO ITEM TO POSITION INCLUDES=ALL THE MOTIONS NECESSARY TO OBTAIN AND PLACE COVER ON UNIT BY HAND ENDS=WITH COVER IN PLACE CONDITIONS=CAP TYPE,RECTANGULAR SHAPE WITH UP TO 1.5=INCH DEPTH,WRAP AROUND TYPE,MINIMUM OF THREE SIDES 90 DEGREES TO ADJACENT SIDE,UP TO SIX=INCH DEPTH,20 INCHES SURFACE DIMENSION. INSTALLATION OF THREADED FASTENERS NOT INCLUDED IN EITHER CASE=UNIT WEIGHS UP TO 40 POUNDS
					248	CASE 01 NORMAL ACCESS
					326	02 DIFFICULT OR OBSTRUCTED ACCESS
FFH	7XX	MAA	KERCCXX	MOHCRXX	VARIABLE	COVER(WRAP AROUND OR CAP SHAPED),REMOVE FROM UNIT/ITEM STARTS=WITH REACH TO UNIT/ITEM TO REPOSITION INCLUDES=ALL THE MOTIONS NECESSARY TO REMOVE COVER FROM UNIT/ITEM BY HAND ENDS=WITH ASIDE COVER CONDITIONS=CAP TYPE COVER,RECTANGULAR SHAPED WITH UP TO 1.5 INCH DEPTH,WRAP AROUND TYPE MINIMUM OF THREE SIDES 90 DEGREES TO ADJACENT SIDE,UP TO SIX INCH DEPTH,20 INCHES SURFACE DIMENSION=REMOVAL OF THREADED FASTENERS NOT INCLUDED
					142	CASE 01 REMOVE=NORMAL ACCESS
					769	02 REMOVE=DIFFICULT OR OBSTRUCTED ACCESS
MAA	7XX	TAA	OOHOEXX	MOHODXX	VARIABLE	OBJECT,DISENGAGE STARTS=WITH REACH TO OBJECT OR TOOL INCLUDES=ALL THE MOTIONS NECESSARY TO OBTAIN CONTROL WITH HAND(S)OR TOOL WHEN TOOL IS AN EXTENSION OF THE HAND(S)AND LOOSENING AND EXTRACTING OR REMOVING ONE OBJECT FROM ANOTHER ENDS=WITH ASIDE TOOL AND/OR OBJECT CONDITIONS=TOOLS INCLUDED ARE A PUTTY KNIFE, SCREWDRIVER,PLIERS OR SIMILAR USED TO OVERCOME THE LIMITATIONS OF HAND OR FINGER DEXTERITY, ACCESS OR STRENGTH=MAY BE USED WITH SLIGHT TO CONSIDERABLE EFFORT=USE OF HAMMER NOT INCLUDED
					70	CASE 01 VERY EASY=NO STOOPING OR BENDING=0 TO 3 POUNDS=UNOBSTRUCTED=VISIBLE=EASY TO HANDLE=OBJECT WITHIN 18 INCHES
					120	02 EASY=NO STOOPING OR BENDING=3 TO 10 POUNDS=SOME INTERFERENCE,OBJECT WHOLLY VISIBLE OR NO INTERFERENCE,PARTLY VISIBLE=LOOSE FIT,DIFFICULT TO HANDLE=OBJECT WITHIN 30 INCHES
					220	03 MODERATE=STOOP OR BEND REQUIRED=10 TO 25 POUNDS=INTERFERENCE,OBJECT PARTLY VISIBLE=CLOSE FIT IF APPLICABLE=OBJECT WITHIN 4 FEET
					400	04 DIFFICULT=STOOP OR BEND REQUIRED=25 TO 50 POUNDS=INTERFERENCE,OBJECT NOT VISIBLE OR ONLY PARTLY VISIBLE=FIT IS EXACT IF APPLICABLE=OBJECT WITHIN 6 FEET
					700	05 VERY DIFFICULT=STOOP OR BEND REQUIRED=OVER 50 POUNDS=OBSTRUCTED AND NOT VISIBLE=DIFFICULT POSITION IF FIT APPLICABLE(MULTIPLE AND/OR NON SYMMETRICAL,DIFFICULT POSITIONS)=OBJECT WITHIN 8 FEET

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	7XX	MAA	KERCFXX	MOHPIXX	VARIABLE	PLATE(FLAT ACCESS COVER),INSTALL AND REMOVE STARTS-WITH REACH TO REPOSITION UNIT INCLUDES-ALL THE MOTIONS NECESSARY TO INSTALL AND/OR REMOVE A FLAT ACCESS COVER PLATE ON/FROM A UNIT ENDS-WITH PLATE INSTALLED OR ASIDED CONDITIONS-DOES NOT INCLUDE INSTALLATION OR REMOVAL OF FASTENERS-PLATE WEIGHS UP TO 2.5 POUNDS-UNIT WEIGHS UP TO 40 POUNDS
					248	CASE 01 INSTALL PLATE-NORMAL ACCESS
					142	02 REMOVE PLATE-NORMAL ACCESS
					320	03 INSTALL PLATE-DIFFICULT OR OBSTRUCTED ACCESS
					196	04 REMOVE PLATE-DIFFICULT OR OBSTRUCTED ACCESS
NAA	7XX	MAA	OOHPOXX	MOHPPXX	VARIABLE	PART,PLACE IN HOLE STARTS-WITH REACH TO GET PART INCLUDES-ALL THE MOTIONS NECESSARY TO RELATE AND POSITION PART TO HOLE BY ALIGNING, ORIENTING AND ENGAGING ENDS-WITH PART IN HOLE AND RELEASED CONDITIONS-DOES NOT INCLUDE FASTENING OR SECURING-DOES NOT INCLUDE EXTREMELY PRECISE OR MINUTE OPERATIONS REQUIRING HIGH SKILL
					120	CASE 01 VERY EASY ACCESS TO HOLE-TO 3 POUNDS
					250	02 EASY ACCESS TO HOLE-3 TO 10 POUNDS
FFH	7XX	MAA	KERCBXX	SOHCPXX	TABLE	COVER(BOX TYPE),PLACE ON UNIT STARTS-WITH REPOSITION UNIT INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION UNIT,ALIGN COVER AND INSTALL ENDS-WITH COVER IN PLACE CONDITIONS-DOES NOT INCLUDE TIME TO INSTALL FASTENERS-COVER DEPTH IS UP TO 24 INCHES

WEIGHT OF UNIT (POUNDS)		WEIGHT OF COVER(POUNDS) 0-2.5 (A)	2.5-20 (B)
0-40 POUNDS			
NORMAL ACCESS	A	285	
OBSTRUCTED ACCESS	B	363	
40-80 POUNDS			
NORMAL ACCESS	C		490
OBSTRUCTED ACCESS	D		640
80-130 POUNDS			
NORMAL ACCESS	E		679
OBSTRUCTED ACCESS	F		829

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	7XX	MAA	KERCBXX	SOHCRXX	TABLE	COVER(BOX TYPE),REMOVE FROM UNIT STARTS-WITH REACH TO UNIT INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE AND ASIDE COVER ENDS-WITH COVER ASIDE CONDITIONS-DOES NOT INCLUDE REMOVAL OR UNLOCKING FASTENERS-COVER DEPTH IS TO 24 INCHES

WEIGHT OF UNIT (POUNDS)		WEIGHT OF COVER(POUNDS) 0-2.5 (A)	2.5-20 (B)
0-40 POUNDS			
NORMAL ACCESS	A	179	
OBSTRUCTED ACCESS	B	304	
40-80 POUNDS			
NORMAL ACCESS	C		377
OBSTRUCTED ACCESS	D		507
80-130 POUNDS			
NORMAL ACCESS	E		566
OBSTRUCTED ACCESS	F		696

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	7XX	MAA	KERAGXX	SOHGTXX	VARIABLE	GEAR(SINGLE OR TRAIN),TURN TO POSITION,BY HAND STARTS-WITH REACH TO GEAR AND SET INCLUDES-ALL THE MOTIONS NECESSARY TO TURN GEAR 180 DEGREES AND POSITION LOOSE ENDS-WITH GEAR IN POSITION
					70	CASE 01 SINGLE OR INDIVIDUAL-TURN 180 DEGREES-EASY
					123	02 TRAIN-TURN 360 DEGREES-2.5 TO 10 POUND WEIGHT FACTOR-EASY ACCESS
					312	03 TRAIN-TURN 360 DEGREES-2.5 TO 10 POUND WEIGHT FACTOR-DIFFICULT ACCESS
FFH	7XX	MAA	KEREPXX	SOHPRXX	VARIABLE	PART(MATING),REMOVE AND INSTALL STARTS-WITH READ TECHNICAL ORDER INCLUDES-ALL THE MOTIONS NECESSARY TO READ T/O AND LOCATE POINT ON CHASSIS,ALIGN AND INSTALL SLOT AND PIN MATING PART,REACH TO PART,UNLOCK AND REMOVE FROM SOCKET,ASIDE ENDS-WITH COMPONENT INSTALLED OR ASIDE
					381	CASE 01 INSTALL-MATING SLOTS/PINS-READ T/O
					350	02 REMOVE-MATING SLOTS/PINS-READ T/O
					277	03 INSTALL-MATING SLOTS/PINS-NO T/O
					246	04 REMOVE-MATING SLOTS/PINS-NO T/O
FFE	7XX	MAA	GMPAHD1	SOHPR05	83	PART(SINGLE ALIGN),REMOVE PART OUT OF HOLE OR OFF STUD STARTS-WITH REACH FOR PART INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE A PART BY PULLING AND/OR TWISTING ENDS-WITH ASIDE PART CAREFULLY CONDITIONS-APPLIES TO PARTS UP TO 7.5 POUNDS WITH PULLING AND TWISTING REQUIRED
FFE	7XX	MAA	GSCSAA1	MPAGAXX	VARIABLE	GLYPTAL/DOPE,APPLY TO SCREW OR NUT STARTS-WITH REACH TO GET CONTAINER OF GLYPTAL OR DOPE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND OPEN CONTAINER,GET APPLICATOR STICK AND DIP INTO GLYPTAL/DOPE,APPLY TO SPOT,GET WIPER, WIPE STICK,ASIDE WIPER,STICK AND GLYPTAL/DOPE ENDS-WITH ASIDE CONTAINER
					522	CASE 01 FIRST OR SINGLE SCREW OR NUT
					126	02 EACH ADDITIONAL SCREW OR NUT
FFH	7XX	TBA	KERPTSB	MPTLS01	95	LEAD(GROUND)OR TAB,SOLDER OR UNSOLDER STARTS-WITH SOLDER IRON CONTACT INCLUDES-ALL THE TIME NECESSARY TO HEAT AREA AND LEAD/TAB TO SOLDER MELTING TEMPERATURE AND SOLDER/UNSOLDER/TIN PART ENDS-WITH IRON REMOVED CONDITIONS-ANY SINGLE LEAD OR TAB OR 040 CHASSIS WITH 100 WATT IRON
FFH	7XX	MAA	KERJIXX	MRDTRXX	VARIABLE	TECHNICAL ORDER(OUT LINE/RECAP),READ STARTS-WITH EYES IN PLACE BUT NOT FOCUSED INCLUDES-ALL THE MOTIONS NECESSARY TO READ DATA WHICH DESCRIBES A JOB THAT IS FAMILIAR TO THE READER AND INCLUDES NECESSARY RE-READ ENDS-WITH READER UNDERSTANDING JOB AND HOW TO PERFORM IT CONDITIONS-LIMITED TO READING OF WRITTEN T/O FOR MODIFICATION
					97	CASE 01 READ DATA IN COLUMN
					129	02 READ SENTENCE
					104	03 READ COLUMN AND SENTENCE-81 PERCENT COLUMN-19 PERCENT SENTENCE

DATA SYSTEM	OCCUP-ATION	QUALITY	SOURCE CODE	NUMERIC ELEMENT	TMU VALUE	OPERATION ELEMENT DESCRIPTION
NAA	7XX	NAA	CLRPT07	SSUVS01	3028	VARI-ORIVE,SET UP,ATTACH SPLINE AND ADAPTER SPLINE TO SHAFT STARTS-WITH LOCATE SPLINE INCLUDES-ALL MOTIONS NECESSARY TO LOCATE SPLINE,POSITION SPLINE TO VARI-ORIVE SHAFT, CHECK FOR PROPER SEATING,RUN IN AND TIGHTEN ALLEN SCREWS,CHECK SPLINE FOR SECURITY;LOCATE SPLINE,MOVE TO VARI-ORIVE,CHECK FIT ON COMPONENT,REMOVE FROM COMPONENT,INSTALL TO VARI-ORIVE ENDS-WITH ADAPTER SPLINE INSTALLED
NAA	7XX	NAA	CLRPT07	SSUVS02	1476	VARI-ORIVE,SET UP,REMOVE ADAPTER SPLINE AND SPLINE FROM SHAFT STARTS-WITH REACH TO SPLINE INCLUDES-ALL MOTIONS NECESSARY TO DISENGAGE ADAPTER SPLINE AND ASIDE IN STORAGE AREA,GET ALLEN WRENCH,REMOVE ALLEN SCREWS,REMOVE SPLINE AND ASIDE TO STORAGE AREA ENDS-WITH ASIDE SPLINE
NAA	7XX	NAA	CLRPT07	SSUVS03	10180	VARI-ORIVE,SET UP,ATTACH AND REMOVE ADAPTER STARTS-WITH GET ADAPTER INCLUDES-ALL MOTIONS NECESSARY TO MOVE ADAPTER AND POSITION TO VARI-ORIVE HEAD,REMOVE AND INSTALL NUTS;REMOVE NUTS,REMOVE ADAPTER,ASIDE TO STORAGE,INSTALL NUTS ENDS-WITH NUTS INSTALLED
NAA	7XX	NAA	CLRPT07	SSUVS04	14850	VARI-ORIVE,SET UP,ATTACH AND REMOVE COMPONENT TO/FROM VARI-ORIVE HEAD STARTS-WITH MOVE COMPONENT TO VARI-ORIVE HEAD INCLUDES-ALL MOTIONS NECESSARY TO MOVE AND ORIENT COMPONENT,POSITION COMPONENT TO SPLINE AND ADAPTER,INSTALL HOLD DOWN NUTS,REMOVE HOLD DOWN NUTS,CHECK ALIGNMENT AND SECURITY;REMOVE NUTS,REMOVE COMPONENT,ASIDE TO CART OR STAND, INSTALL NUTS ENDS-WITH COMPONENT ASIDE,NUTS INSTALLED
FFE	7XX	NAA	GTFFMAX	MTFPPXX	VARIABLE	PART,PREPARE FOR MOUNTING STARTS-WITH PART IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE A PART IN POSITION TO GRASP NUT/SCREW,REMOVE AND ASIDE NUT/SCREW AND WASHER ENDS-WITH NUT OR SCREW ASIDE CONDITIONS-SMALL PART TO 2-1/2 POUND-FASTENERS LOOSELY ATTACHED,MUST BE REMOVED BEFORE PART CAN BE INSTALLED-REMOVE BY HAND
					107	CASE 01 ONE FASTENER
					205	02 TWO FASTENERS
					303	03 THREE FASTENERS
					401	04 FOUR FASTENERS
FFE	7XX	NAA	GTFPHR1	STFPR01	375	PART(THREADED),REPLACE BY HAND(UNPACK NEW PART) STARTS-WITH REACH TO PART INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE THREADED FASTENER BY HAND,ASIDE,GET NEW PART PACKAGE,UNPACK,ASIDE PACKAGE,INSTALL NEW PART BY HAND ENDS-WITH CHECK INSTALLATION CONDITIONS-APPLICABLE TO THREADED PART SUCH AS LIGHT BULB,DUST CAP,INDICATOR LIGHT LENS,WING NUT,ETC.-THREAD DIAMETER 1/4 TO 3/4 INCHES AVERAGE OF 7 THREADS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	7XX	MAA	GTFPHR2	STFPR02	235	PART(THREADED),REPLACE BY HAND STARTS-WITH REACH TO PART IN UNIT INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE THREADED PART BY HAND,ASIDE,PICK UP SAME OR NEW PART,INSTALL PART BY HAND,VISUALLY CHECK INSTALLATION ENDS-WITH CHECK INSTALLATION CONDITIONS-APPLICABLE TO THREADED PARTS SUCH AS LIGHT BULBS,DUST CAP,INDICATOR LIGHT LENS, WING NUT,ETC.-AVERAGE SEVEN THREADS-THREAD DIAMETER 1/4 TO 3/4 INCHES
NF	7XX	MAF	2983	MTLPR01	208	PLATE(COVER),REPLACE STARTS-WITH SCREWDRIVER IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO USE SCREWDRIVER TO PRY COVER OFF,PLACE SCREWDRIVER ASIDE,PICK UP PLATE(COVER)AND REPLACE ENDS-WITH RELEASE PLATE(COVER)IN PLACE
MAA	7XX	MAA	SLRCN20	STLAIXX	VARIABLE	ADAPTER AND PLUG,INSTALL STARTS-WITH REACH TO GET SHIM SET INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION SHIM SET AS REQUIRED,INSTALL ADAPTER AND PLUG WITH FOUR SCREWS,ASIDE TOOL ENDS-WITH ASIDE TOOL CONDITIONS-UP TO 3/8 INCH SCREW/BOLT-NC-NF-CAP SCREW OR NUT ON STUD
					4145	CASE 01 APPLY SHIM 100 PERCENT
					4020	02 APPLY SHIM 50 PERCENT
					3895	03 NO SHIM USED
MAA	7XX	MAA	SLRCR45	STLARXX	VARIABLE	ADAPTER/PLUG,REMOVE STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE FOUR SCREWS,ASIDE SCREWS AND TOOL, REMOVE AND ASIDE ADAPTER/PLUG,GET SHIM SET AND ASIDE ENDS-WITH ASIDE SHIM SET CONDITIONS-SHIM SET WEIGHS TO 10 POUNDS
					3640	CASE 01 SHIM SET REMOVED 50 PERCENT OF TIME
					3580	02 NO SHIM SET REMOVED
					3700	03 SHIM SET REMOVED 100 PERCENT OF TIME
MAA	7XX	MAA	OTLPHXX	STLHPXX	VARIABLE	HOLE,PUNCH WITH HAMMER AND HOLLOW POINT PUNCH STARTS-WITH REACH TO HAMMER AND PUNCH OR WITH POSITIONING PUNCH TO MATERIAL INCLUDES-ALL MOTIONS NECESSARY TO GET HAMMER AND PUNCH,POSITION PUNCH TO LOOSE OR CLOSE ALIGNMENT ON MATERIAL,STRIKE PUNCH WITH HAMMER TO PUNCH HOLE,REMOVE CUTOUT AND EXAMINE HOLE;OR POSITION PUNCH FOR ADDITIONAL HOLE,PUNCH HOLE,REMOVE CUTOUT AND EXAMINE HOLE ENDS-WITH ASIDE TOOLS OR WITH EXAMINE HOLE CONDITIONS-3/32 TO 2 3/4 INCH HOLLOW POINT PUNCH,SOFT OR HARD NON-METALLIC MATERIAL
					374	CASE 01 PUNCH FIRST HOLE,MATERIAL TO 1/4 INCH THICK
					161	02 PUNCH ADDITIONAL HOLE,MATERIAL TO 1/4 INCH THICK
					408	03 PUNCH FIRST HOLE,MATERIAL 9/32 TO 3/4 INCH THICK
					195	04 PUNCH ADDITIONAL HOLE,MATERIAL 9/32 TO 3/4 INCH THICK
NF	7XX	MAF	4080	STLPP01	144	PARTS,PRY APART WITH HAMMER AND CHISEL STARTS-WITH REACH TO TOOLS(SIMO) INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP TOOLS,POSITION CHISEL AT JOINT,HOLD AT JOINT, STRIKE CHISEL FOUR TIMES WITH HAMMER,ASIDE TOOLS TO BENCH ENDS-WITH ASIDE TOOLS TO BENCH

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	7XX	FAA	OTLDSXX	STPDHXX	TABLE	HOLE,DRILL IN STEEL(HAND DRILL-POWERED) STARTS-WITH REACH TO DRILL MOTOR OR WITH PLACING DRILL TO ADDITIONAL PENCIL OR CENTER PUNCH MARK INCLUDES-SELECTING DRILL AND INSTALLING IN CHUCK,PLACING DRILL TO PENCIL OR CENTER PUNCH MARK AND DRILLING HOLE ENDS-WITH DRILL REMOVED FROM CHUCK AND TOOLS ASIDE,OR DRILL AT POINT OF DISENGAGEMENT CONDITIONS-APPLIES TO DRILLING HOLES IN STAINLESS STEEL,MIL.SPEC. NO.50598 OR SIMILAR, USING A 1/4 INCH CHUCK CAPACITY AIR OR ELECTRIC DRILL MOTOR WITH 2000 AVERAGE R.P.M.

METAL THICKNESS		FIRST HOLE A	ADDITIONAL HOLE B
.020-.025 INCH	A	716	122
.032-.050 INCH	B	759	165

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	7XX	MUA	OTLCAXX	STPHCXX	TABLE	HOLE,COUNTERBORE IN ALUMINUM STARTS-WITH REACH TO AIR OR ELECTRIC DRILL AND COUNTERBORE FOR FIRST HOLE,OR WITH PLACING COUNTERBORE TO HOLE FOR ADDITIONAL HOLE INCLUDES-INSTALLING COUNTERBORE IN CHUCK, PLACING COUNTERBORE TO HOLE,COUNTERBORING AND REMOVING COUNTERBORE FROM CHUCK FOR FIRST HOLE;OR PLACING COUNTERBORE TO HOLE OR COUNTERBORING AN ADDITIONAL DEPTH OF SAME HOLE ENDS-WITH LAY TOOL ASIDE OR WITH END OF COUNTERBORING

		COUNTERBORE .010 INCH		
DRILL SIZE		FIRST HOLE A	ADD. HOLE B	ADDITIONAL .010 INCH C
1/4 - 1/2 INCH	A	807	221	11
17/32 - 1 INCH	B	942	356	19

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	7XX	NAA	OTLDAXX	STPHDXX	VARIABLE	HOLE,DRILL IN ALUMINUM(HAND DRILL POWERED) STARTS-WITH REACH TO DRILL OR PLACE DRILL TO ADDITIONAL MARK INCLUDES-SELECTING DRILL AND INSTALLING IN CHUCK,PLACING DRILL TO PENCIL OR CENTER PUNCH MARK AND DRILLING HOLE;OR PLACING DRILL TO ADDITIONAL PENCIL OR CENTER PUNCH MARK AND DRILL HOLE ENDS-WITH DRILL REMOVED FROM CHUCK AND TOOLS ASIDE;OR WITH DRILL AT POINT OF DISENGAGEMENT CONDITIONS-APPLIES TO DRILLING HOLES IN ALUMINUM SHEETS A/N NO 2024-T3,7075-T6 OR SIMILAR USING A 1/4 INCH CHUCK CAPACITY AIR OR ELECTRIC DRILL MOTOR WITH 2000 AVERAGE RPM
					704	CASE 01 DRILL HOLE,NO.45-NO.14 DRILL,MATERIAL .020 TO .050 INCH FIRST HOLE
					110	02 DRILL HOLE,NO.45-NO.14 DRILL,MATERIAL .020 TO .050,ADDITIONAL HOLE
					721	03 DRILL HOLE,NO.45-NO .14 DRILL,MATERIAL .063 TO .090 INCH,FIRST HOLE
					127	04 DRILL HOLE,NO.45-NO.14 DRILL,MATERIAL .063 TO .090 INCH,ADDITIONAL HOLE
					736	05 DRILL HOLE,NO.45-NO.14 DRILL,MATERIAL .100 TO .185 INCH,FIRST HOLE
					142	06 DRILL HOLE,NO.45-NO.14 DRILL, MATERIAL .100 TO .185 INCH,ADDITIONAL HOLE
					787	07 DRILL HOLE,NO.45-NO.14 DRILL,MATERIAL .200 TO .250 INCH,FIRST HOLE
					193	08 DRILL HOLE,NO.45-NO.14 DRILL,MATERIAL .200 TO .250 INCH,ADDITIONAL HOLE
					726	09 DRILL HOLE,NO.60-NO.46,NO.13-1/4 INCH DRILL,MATERIAL .020 TO .050 INCH, FIRST HOLE
					132	10 DRILL HOLE,NO.60-NO.46,NO.13-1/4 INCH DRILL,MATERIAL .020 TO .050 INCH, ADDITIONAL HOLE
					765	11 DRILL HOLE,NO.60-NO.46,NO.13-1/4 INCH DRILL,MATERIAL .063 TO .090 INCH, FIRST HOLE
					171	12 DRILL HOLE,NO.60-NO.46,NO.13-1/4 INCH DRILL,MATERIAL .063 TO .090 INCH, ADDITIONAL HOLE
					786	13 DRILL HOLE,NO.60-NO.46,NO.13-1/4 INCH, DRILL,MATERIAL .100 TO .185 INCH, FIRST HOLE
					192	14 DRILL HOLE,NO.60-NO.46,NO.13-1/4 INCH, DRILL,MATERIAL .100 TO .185 INCH, ADDITIONAL HOLE
					876	15 DRILL HOLE,NO.60-NO.46,NO.13-1/4 INCH DRILL,MATERIAL .200 TO .250 INCH, FIRST HOLE
					282	16 DRILL HOLE,NO.60-NO.46,NO.13-1/4 INCH DRILL,MATERIAL .200 TO .250 INCH, ADDITIONAL HOLE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
MAA	7XX	MUA	OTLCMXX	STPMCXX	TABLE	MATERIAL,COUNTERSINK(MICRO) STARTS-WITH REACH TO AIR OR ELECTRIC DRILL MOTOR AND MICRO COUNTERSINK INCLUDES-INSTALLING COUNTERSINK IN CHUCK, PLACING COUNTERSINK TO HOLE FOR TRIAL CUT, ADJUSTING DEPTH STOP,FINISH COUNTERSINKING AND REMOVING COUNTERSINK FROM CHUCK;OR PLACING COUNTERSINK TO ADDITIONAL HOLE ENDS-WITH ASIDE TOOLS OR WITH COUNTERSINKING HOLE

		FIRST HOLE A	ADDITIONAL HOLE B
ALUMINUM,100 DEGREE COUNTERSINK,3/32, 1/8,5/32 INCH	A	1058	72
ALUMINUM,100 DEGREE COUNTERSINK,3/16 INCH	B	1058	124
STAINLESS STEEL,100 DEGREE COUNTERSINK, 3/32,1/8,5/32 INCH	C	1269	123
STAINLESS STEEL,100 DEGREE COUNTERSINK, 3/16 INCH	D	1269	219

FFE	7XX	MAA	KOHHPXX	MVSORXX	VARIABLE	OBJECT,RELEASE FROM STRAP VISE(HYDRAULIC) STARTS-WITH OBJECT IN VISE INCLUDES-ALL THE MOTIONS NECESSARY TO RELEASE OBJECT FROM STRAP VISE ENDS-WITH ASIDE STRAP
					254	CASE 01 HAND HANDLED
					264	02 HOIST HANDLED
FFE	7XX	MUA	KOHHPV2	MVSOSXX	VARIABLE	OBJECT,SECURE IN STRAP VISE(HYDRAULIC OPERATE) STARTS-WITH OBJECT AT VISE INCLUDES-ALL THE MOTIONS NECESSARY TO SECURE OBJECT IN STRAP VISE ENDS-WITH LAST STROKE ON HYDRAULIC PUMP CONDITIONS-PUMP HYDRAULIC PUMP FIVE STROKES TO SECURE OBJECT
					589	CASE 01 HANDLED OBJECT
					603	02 HOIST HANDLED OBJECT
MJ	70X	MUO	LPA-K8	SCPFIXX	VARIABLE	FASTENER(CLECO),INSTALL(TEMPORARY) STARTS-WITH REACH TO GET FASTENER INLCUDES-ALL THE MOTIONS NECESSARY TO GET FASTENER AND PLIERS,PLACE FASTENER TO PLIERS CLOSE PLIERS ON FASTENER AND INSERT INTO HOLE, RELEASE CLECO AND DISENGAGE,ASIDE PLIERS ENDS-WITH ASIDE PLIERS
					225	CASE 01 INSTALL FIRST OR SINGLE CLAMP
					182	02 INSTALL EACH ADDITIONAL CLAMP
MJ	70X	MUO	LPA-K9	SCPFRXX	VARIABLE	FASTENER(CLECO),REMOVE STARTS-WITH REACH TO GET PLIERS INCLUDES-ALL THE MOTIONS NECESSARY TO GET PLIERS,PLACE PLIERS ON FASTENER,GRASP WITH PLIERS AND REMOVE FROM HOLD,GRASP CLECO WITH OTHER HAND,RELEASE CLECO FROM PLIERS,ASIDE AND RELEASE CLECO AND PLIERS ENDS-WITH PLIERS ASIDE
					183	CASE 01 REMOVE FIRST OR SINGLE CLAMP
					140	02 REMOVE EACH ADDITIONAL CLAMP

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	70X	MAA	SRECNSX	SDAGRXX	VARIABLE	GEAR(WORM),REAM AND INSTALL STARTS-WITH REACH TO REAMER INCLUDES-ALL THE MOTIONS NECESSARY TO SELECT AND OBTAIN REAMER AND HANDLE,PLACE REAMER IN HANDLE,POSITION REAMER TO GEAR,REAM GEAR, REMOVE AND ASIDE REAMER,GET,ALIGN AND POSITION GEAR ON SHAFT,POSITION ASSEMBLY IN "V" BLOCK, INSTALL ROLL PIN OR SET SCREW IN GEAR ENDS-WITH ASIDE TOOL
					3310	CASE 01 SECURE GEAR WITH ROLL PIN
					3730	02 SECURE GEAR WITH SET SCREW
AE	70X	MAW	FTSXXXX	MTLSUXX	VARIABLE	SNIPS(TIN),USE TO CUT SHEET METAL TO 22 GAUGE STARTS-WITH TIN SNIPS HELD IN HAND NEAR CUTTING POINT INCLUDES-ALL MOTIONS NECESSARY TO POSITION SNIPS TO CUTTING POINT AND MAKE A ONE INCH CUT ENDS-WITH SNIPS OPENED OVER MATERIAL
					59	CASE 01 FIRST INCH OF A STRAIGHT CUT
					33	02 EACH ADDITIONAL INCH OF A STRAIGHT CUT
					103	03 FIRST INCH OF A CURVED OR IRREGULAR CUT
					70	04 EACH ADDITIONAL INCH OF A CURVED OR IRREGULAR CUT
NAA	70X	MAA	OTLTEXX	TTLTCXX	TABLE	THREAD(EXTERNAL),CHASE STARTS-WITH TOOL IN HAND INCLUDES-MOTIONS REQUIRED TO PLACE DIE TO THREADED FASTENER AND TO CHASE FIRST TWO THREADS OR ADDITIONAL THREAD AND BACK OFF ENDS-WITH DIE REMOVED FROM THREADED FASTENER AND TOOL IN HAND

		CHASE FIRST-TWO THREADS	CHASE ADDITIONAL
		A	B
DIE WITH DIE HANDLE	A	249	66
SPEED WRENCH	B	223	24
RATCHET	C	486	195
BOX END WRENCH	D	464	60

FFE	701	MAA	KPMETAA	SITWS01	3503	WRENCH(TORQUE),SET AND TEST TORQUE STARTS-WITH REACH TO GET WRENCH INCLUDES-ALL THE MOTIONS NECESSARY TO CHECK AND SET DIAL ON A TORQUE WRENCH AT FIVE DIFFERENT TORQUE SETTINGS ENDS-WITH ASIDE WRENCH
NF	704	MAF	1074	MCLSC01	57	SHAVINGS,CLEAN FROM ONE LETTER WITH SCRIBE (PLASTIC MATERIAL) STARTS-WITH REACH TO SCRIBE INCLUDES-ALL MOTIONS NECESSARY TO CLEAN SHAVINGS FROM ONE LETTER IN PLASTIC MATERIAL USING A SCRIBE ENDS-WITH SCRIBE MOVED AWAY FROM WORK
NF	704	MAF	1099	MJPCS01	55	COPY(MASTER),SELECT FROM RACK ON WALL(PER LETTER) STARTS-WITH REACH TO COPY TYPE INCLUDES-ALL MOTIONS NECESSARY TO SELECT COPY TYPE FROM WALL AND MOVE TO TABLE ENDS-WITH RELEASE OF COPY TYPE ON TABLE
NF	704	MAF	1100	MJPCS02	26	COPY(MASTER),SELECT FROM WORK BENCH(PER LETTER) STARTS-WITH REACH TO COPY TYPE INCLUDES-ALL MOTIONS NECESSARY TO SELECT COPY TYPE FROM TABLE AND MOVE TO DESIRED SPOT ON TABLE ENDS-WITH RELEASE OF COPY TYPE ON TABLE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AF	704	MAA	466	MOHSM01	19	STYLE(PANTOGRAPH MACHINE),MOVE TO NEXT LINE STARTS-WITH HAND ON STYLE INCLUDES-ALL THE MOTIONS NECESSARY TO DIS-ENGAGE STYLE FROM LINE AND MOVE TO NEXT LINE ENDS-WITH STYLE IN PLACE ON NEXT LINE
AF	704	MAA	459	MPALFXX	VARIABLE	LETTER(ENGRAVED),FILL WITH ENGRAVERS CRAYON STARTS-WITH SIMO REACH TO CRAYON AND SIGN INCLUDES-ALL THE MOTIONS NECESSARY TO HOLD SIGN AND GET CRAYON,MOVE CRAYON TO SIGN AND PRESS IN LETTER GROOVE,JIGGLE CRAYON TO FILL GROOVE,GRASP CRAYON IN BOTH HANDS AND PUSH CRAYON ON GROOVE,DISENGAGE CRAYON FROM GROOVE AND COVER LESS THAN ONE INCH,TWIST COVER TO PREVENT CRAYON FROM SLIPPING,RELEASE CRAYON WITH LEFT HAND,MOVE CRAYON BACK TO GROOVE AND TOUCH UP,ASIDE CRAYON ENDS-WITH ASIDE CRAYON 225 CASE 01 FIRST OR SINGLE LETTER 185 02 EACH ADDITIONAL LETTER
NF	704	MAF	2680	SSUBL01	174	BOLT(ARM),LOOSEN AND TIGHTEN STARTS-WITH REACH TO WRENCH INCLUDES-ALL THE MOTIONS NECESSARY TO LOOSEN AND TIGHTEN OVER ARM BOLT ON PANTOGRAPH(3/8 INCH HEX HEAD BOLT) ENDS-WITH RELEASE WRENCH ASIDE
NF	704	MAF	3137	SSUCL01	483	CLAMP(MACHINE TABLE),LOOSEN AND TIGHTEN STARTS-WITH REACH TO TOOL TRAY INCLUDES-ALL THE MOTIONS NECESSARY TO OBTAIN A BOX WRENCH FROM TOOL TRAY,POSITION TO NUTS, LOOSEN OR TIGHTEN NUT,RETURN WRENCH TO TRAY ENDS-WITH RELEASE IN TRAY CONDITIONS-LOOSEN AND TIGHTEN THREE NUTS WITH A 3/8 INCH BOX WRENCH
NF	704	MAF	1031	SSUGR01	86	GIB(PANTOGRAPH MACHINE),REMOVE AND INSERT FROM HOLDING TABLE(PER GIB) STARTS-WITH GRASP GIB INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP AND SLIDE GIB OUT,MOVE TO TABLE TOP,RELEASE, PICK UP GIB ON TABLE TOP AND MOVE TO HOLDING TABLE,INSERT GIB(ONE END)IN BEVELED TABLE, POSITION OTHER END AND SLIDE INTO PLACE, RELEASE GIB ENDS-WITH RELEASE GIB
NF	704	MAF	3467/8	SSUTAXX	VARIABLE	TABLE(MACHINE),ADJUST WITH CRANK(PANTOGRAPH) STARTS-WITH REACH TO CRANK INCLUDES-ALL THE MOTIONS NECESSARY TO TURN CRANK TO ADJUST TABLE,ALIGN AND MARK WITH TIP OF CUTTING TOOL AND RELEASE WHEEL(CRANK) ENDS-WITH RELEASE OF WHEEL 90 CASE 01 SIX INCH DIAMETER HAND WHEEL=4 TURNS 73 02 FOUR INCH DIAMETER HAND WHEEL=3 TURNS
NF	704	MAF	3469	SSUTA03	60	TABLE(MACHINE),ADJUST FOR DEPTH OF CUT (PANTOGRAPH) STARTS-WITH REACH TO CRANK(WHEEL) INCLUDES-ALL THE MOTIONS NECESSARY TO TURN CRANK(HAND WHEEL) TO ADJUST VERTICAL,POSITION TO APPROXIMATE DEPTH OF CUT,RELEASE CRANK ENDS-WITH RELEASE CRANK

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AF	704	MAA	470	SSUTI01	67	TYPE MASTER(PANTOGRAPH MACHINE),INSERT AND REMOVE STARTS-WITH A REACH TO COPY TYPE LETTER INCLUDES-ALL THE MOTIONS NECESSARY TO GET TYPE LETTER,TURN WITH LETTER TO COPY HOLDER,MOVE AND POSITION COPY TYPE IN HOLDER,REACH TO TYPE IN COPY HOLDER AND REMOVE,TURN FROM HOLDER TO BENCH WITH TYPE,RELEASE COPY TYPE ENDS-WITH TURN TO BENCH CONDITIONS-BASED ON TURNING 180 DEGREES WITH AVERAGE OF 8 LETTERS PER TURN-TIME IS PER LETTER-16 LETTERS PER SET UP AVERAGE
NF	704	MAF	1073	MTFSL01	51	SCREW(THUMB),LOOSEN OR TIGHTEN,ON GIB STARTS-WITH REACH TO GIB ON HOLDING TABLE INCLUDES-ALL MOTIONS NECESSARY TO LOOSEN OR TIGHTEN A THUMB SCREW ON GIB ENDS-WITH RELEASE THUMB SCREW
NF	704	MUF	1048/49	MTPLEXX	VARIABLE	LETTER,ENGRAVE(PANTOGRAPH),IN METAL,BAKELITE OR PLASTIC STARTS-WITH MOVE HANDLE ON CUTTING HEAD TO DISENGAGE CUTTING TOOL AND EYE TRAVEL FROM CUTTER TO STYLUS ON COPY TYPE INCLUDES-ALL MOTIONS NECESSARY TO ENGRAVE ONE LETTER IN BAKELITE,METAL OR PLASTIC WITH A PANTOGRAPH ENDS-WITH CUTTING TOOL IN CONTACT WITH COMPLETED LETTER
					57	CASE 01 ENGRAVE ONE LETTER IN METAL OR BAKELITE
					78	02 ENGRAVE ONE LETTER IN PLASTIC
NAA	705	TUA	OSTBWXX	SCLOBXX	VARIABLE	OBJECT,BUFF WITH WIRE WHEEL STARTS-WITH REACH TO OBJECT INCLUDES-ALL THE MOTIONS NECESSARY TO GET OBJECT,TURN ON BUFFER,PLACE OBJECT IN CONTACT WITH WHEEL,REMOVE CONTAMINATION OR CORROSION UP TO 25 SQUARE INCHES,STOP BUFFER,ASIDE OBJECT ENDS-WITH ASIDE OBJECT
					270	CASE 01 REMOVE SURFACE DISCOLORATION-FIRST OR ONLY AREA-UP TO 25 SQUARE INCHES
					180	02 REMOVE SURFACE DISCOLORATION-EACH ADDITIONAL AREA-UP TO 25 SQUARE INCHES
					480	03 REMOVE LIGHT RUST OR CORROSION-FIRST OR ONLY AREA-UP TO 25 SQUARE INCHES
					400	04 REMOVE LIGHT RUST OR CORROSION-EACH ADDITIONAL AREA-UP TO 25 SQUARE INCHES
					750	05 REMOVE HEAVY RUST OR CORROSION-FIRST OR ONLY AREA-UP TO 25 SQUARE INCHES
					670	06 REMOVE HEAVY RUST OR CORROSION-EACH ADDITIONAL AREA-UP TO 25 SQUARE INCHES
					1150	07 REMOVE HARD CARBON,METAL ETCHING,ETC.-FIRST OR ONLY AREA-UP TO 25 SQUARE INCHES
					1070	08 REMOVE HARD CARBON,METAL ETCHING,ETC.-EACH ADDITIONAL AREA-UP TO 25 SQUARE INCHES

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AF	705	MBW	221810X	MTLHBXX	VARIABLE	HOLE,BURR STARTS-WITH POSITION TOOL TO HOLE INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION THE TOOL TO THE HOLE TO BE DEBURRED AND USING THE TOOL TO REMOVE BURRS IN THE HOLE ENDS-WITH TOOL REMOVED FROM HOLE
					71	CASE 01 BURR WITH COUNTERSINK-PER HOLE-10 POUNDS OF PRESSURE APPLIED TO TOOL
					116	02 BURR WITH 0 TO TWO INCH DIAMETER SCRAPER-CHECK RESULTS AFTER REMOVE TOOL-ROUND-10 POUNDS OF PRESSURE APPLIED TO TOOL
					315	03 BURR WITH 0 TO TWO INCH DIAMETER SCRAPER-CHECK RESULTS AFTER REMOVE TOOL-SQUARE-10 POUNDS OF PRESSURE APPLIED TO TOOL
					292	04 BURR WITH THREAD FILE-0 TO ONE INCH DIAMETER-10 POUNDS OF PRESSURE APPLIED TO TOOL
AF	705	MBW	2217-14	MTLTFXX	VARIABLE	TOOTH(GEAR-END),FILE STARTS-WITH FILE IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION FILE TO END OF TOOTH,MANIPULATE TO REMOVE ROUGHNESS FROM EDGE AND RETRACT FILE ENDS-WITH RETRACT FILE CONDITIONS-HOLD OR BALANCE WITH LEFT HAND-MINIMUM AND MAXIMUM PRESSURE AVERAGED TO ALLOW OVERLAP FOR VARIABLE BURR SIZES-NECESSARY ROTATING OF GEAR VARIES WITH DIAMETER OF GEAR AND SIZE OF TEETH-THE AVERAGE NUMBER OF ROTATE ELEMENTS SHOULD BE APPLIED AS FOLLOWS- 11 DIAMETRAL PITCH AND OVER-EVERY SIX TEETH SIX THRU 10-EVERY FIVE TEETH THREE THRU FIVE-EVERY FOUR TEETH ONE AND TWO-EVERY THREE TEETH
					105	CASE 01 FILE 11 AND UP DIAMETRAL PITCH TOOTH
					124	02 FILE SIX THRU 10 DIAMETRAL PITCH TOOTH
					151	03 FILE THREE THRU FIVE DIAMETRAL PITCH TOOTH
					173	04 FILE ONE AND TWO DIAMETRAL PITCH TOOTH
AF	705	MBW	2217-11	TTLEFXX	TABLE	EDGE,FILE STARTS-WITH POSITION FILE TO EDGE OF WORK INCLUDES-ALL THE MOTIONS NECESSARY TO MANIPULATE FILE TO REMOVE BURR OR SHARP EDGE AND RETRACT FILE AFTER COMPLETION ENDS-WITH FILE RETRACTED CONDITIONS-ROCKWELL,SCALE C-0 TO 20,SOFT METAL 20 TO 35,MEDIUM METAL-35 AND UP,HARD METAL-HOLD OR BALANCE WITH LEFT HAND-MINIMUM AND MAXIMUM PRESSURES AVERAGED TO ALLOW OVERLAP FOR VARIABLE BURR SIZES-START INCHES ARE USED EVERY 12 INCHES EDGE LENGTH,OR EACH TIME EDGE CHANGES DIRECTIONS-FORWARD FILE TRAVEL IS THREE INCHES-TIMES ARE PER INCH FILED

METALS		FIRST OR START	EACH ADDITIONAL	CORNER
		A	B	C
SOFT	A	79	26	71
MEDIUM	B	91	30	82
HARD	C	109	35	98

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	705	MAW	FFLXXXX	TTLFUXX	TABLE	FILE,USE TO REMOVE MATERIAL STARTS-WITH FILE IN HAND INCLUDES-ALL MOTIONS NECESSARY TO ENGAGE FILE TO WORK AND MAKE ONE STROKE(MOVE FORWARD AND BACK) ENDS-WITH FILE IN HAND CONDITIONS-LIGHT FORCE-TO 2.5 POUNDS ENW; MODERATE FORCE-2.6-5 POUNDS ENW

		LENGTH OF STROKE(INCHES) 1	3	6	9
		A	B	C	D
LIGHT FORCE					
FIRST STROKE	A	15	20	27	32
ADD. STROKE	B	6	11	18	23
MODERATE FORCE					
FIRST STROKE	C	17	23	30	35
ADD. STROKE	D	8	14	21	26

FFE	705	MUA	GTLFHAX	STLHSXX	VARIABLE	HOLE,SLOT WITH FILE STARTS-WITH REACH TO GET FILE INCLUDES-ALL THE MOTIONS NECESSARY TO GET FILE AND FILE TO ELONGATE OR SLOT A HOLE ENDS-WITH FILE ASIDE CONDITIONS-CENTER PUNCH AND DRILLING NOT INCLUDED
					1660	CASE 01 ELONGATE HOLE FOR CAPACITOR INSTALLATION
					1459	02 ELONGATE OR SINGLE SLOT
					2873	03 SLOT TWO PLACES
AF	705	MBW	2217-12	MTPEGXX	VARIABLE	EDGE,GRIND TO BURR(MACHINE) STARTS-WITH GRINDER IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE THE GRINDER TO EDGE TO BE GROUND,MANIPULATE GRINDER TO REMOVE BURRS,WITHDRAW GRINDER FROM EDGE AND VISUAL INSPECT ENDS-WITH CHECK RESULTS CONDITIONS-AIR GRINDER-FS4140 STEEL-R/C 25-APPLY UP TO FIVE POUNDS PRESSURE
					63	CASE 01 GRIND FIRST INCH-FOUR PASSES
					27	02 GRIND EACH ADDITIONAL INCH-FOUR PASSES
					63	03 GRIND CORNER-THREE PASSES
NF	705	MUF	1075	MTPS801	434	SIGN(PLEXIGLASS),BUFF EDGES ON BUFFING MACHINE STARTS-WITH START MACHINE INCLUDES-ALL MOTIONS NECESSARY TO TURN BUFFING MACHINE ON AND OFF,GET 12X2X1/4 INCH PLEXI-GLASS SIGN,BUFF EDGES OF SIGN AND ASIDE SIGN ENDS-WITH TURN MACHINE OFF
NF	705	MUF	1077	MTPSS01	367	SIGN,SAND WITH DISC SANDER STARTS-WITH REACH TO SIGN INCLUDES-ALL MOTIONS NECESSARY TO SAND DOWN SIGN TO SCRIBED LINES ENDS-WITH STOP SANDER CONDITIONS-SIGN MADE OF BAKELITE OR PLASTIC-DISC SANDER,10 INCH SIZE
NAA	705	TUA	CPNBM01	STPBGXX	VARIABLE	BALANCE,GRIND STARTS-WITH PUT GOGGLES ON INCLUDES-ALL MOTIONS NECESSARY TO PUT GOGGLES ON AND TAKE OFF,SET UP HAND HELD OR BENCH MOUNTED GRINDER,GET AND ASIDE PART,GRIND EACH END OF PART,AND AIR CLEAN PART ENDS-WITH PART CLEANED AND PLACED ASIDE CONDITIONS-WALKING TO AND FROM GRINDER NOT INCLUDED
					2350	CASE 01 FIRST PART
					1800	02 ADDITIONAL PART

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	706	MAA	CPNBM05	SNFPI01	609	PINS,INSTALL STARTS-WITH GET BOX OF PINS INCLUDES-ALL THE MOTIONS NECESSARY TO GET BOX OF PINS,OPEN AND CLOSE BOX-GET PIN,POSITION PIN,HAMMER PIN IN ENDS-WITH ASIDE HAMMER
NAA	706	MAA	CPNBM05	STLBC01	886	BLADE,CHANGE STARTS-WITH REACH TO COVER(NOT SECURED) INCLUDES-ALL MOTIONS NECESSARY TO REMOVE COVER,REMOVE BLADE RETAINER PIN,REMOVE AND ASIDE BLADE,GET NEW BLADE,INSTALL,REPLACE BLADE RETAINER PIN AND INSTALL COVER ENDS-WITH COVER IN PLACE(NOT SECURED)
FFD	709	TBA	GPIIZXW	MCLSWXX	VARIABLE	SOLUTION(ZYGLO),WASH FROM PART ON PALLET STARTS-WITH REACH TO DIP CONTROL LEVER OR TO GET SPRAY HOSE INCLUDES-ALL THE MOTIONS AND TIME REQUIRED TO WASH PALLET OF VARIOUS SIZE PARTS WITH SPRAY OR WITH DIP INTO EMULSIFIER AS REQUIRED,HANDLE WITH A HOIST WHEN REQUIRED ENDS-WITH HOSE PLACED IN HOLDER CONDITIONS-PALLET 20X30 INCHES 4867 CASE 01 DIP AND SPRAY 2707 02 SPRAY ONLY
NAA	709	MAA	SCCFC01	SCLFC01	450	FITTING(AIRCRAFT CONTROL CABLE),CLEAN STARTS-WITH REACH TO GET FITTING INCLUDES-ALL THE MOTIONS NECESSARY TO GET FITTING AND PLACE IN BASKET,LOAD BASKET INTO DEGREASER,REMOVE BASKET FROM DEGREASER,GET FITTING FROM BASKET AND ASIDE ENDS-WITH ASIDE FITTING CONDITIONS-HANG BASKET ON HOOK IN TANK-BASKET WEIGHS TO 20 POUNDS-TWO FITTINGS PER BASKET TO THREE POUNDS EACH-WALK TO AND FROM DEGREASER NOT INCLUDED
FFH	709	MAA	KERTODA	SDAPP01	5608	PART,PREPARE TO DRILL AND REAM COUPLER,GEAR HUB,SLEEVE OR COLLAR STARTS-WITH REACH TO VISE HANDLE INCLUDES-ALL THE MOTIONS NECESSARY TO LOOSEN VISE,GET AND PLACE PART IN VISE,CENTER PUNCH PART,GET AND ASSEMBLE DRILL AND BIT,PLACE PART ON DUMMY SHAFT,DRILL PART,REMOVE DUMMY SHAFT,GET GOOD SHAFT,PLACE IN PART,ALIGN HOLE,GET AND UNWRAP REAMER,PLACE IN PIN VISE,PLACE REAMER IN HOLE,REMOVE,WRAP REAMER,LOOSEN VISE AND ASIDE PART TO WORKBENCH,ASIDE DRILL MOTOR ENDS-WITH ASIDE DRILL MOTOR CONDITIONS-DOES NOT INCLUDE TIME TO DRILL OR REAM-7/16 INCH OUTSIDE DIAMETER,1/4 INCH INSIDE DIAMETER-PART TO 2.5 POUNDS
NAA	709	MAA	ACCC001	MDPCPXX	VARIABLE	CABLE(AIRCRAFT CONTROL),PRESERVE STARTS-WITH REACH TO GET CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET BAG OF CABLE,REMOVE CABLE FROM BAG,OPEN TANK COVER AND GET SUBMERGING HOOK,PLACE CABLE ON HOOK AND SUBMERGE IN TANK,REMOVE CABLE FROM TANK AND HANG TO DRIP,GET AND SUBMERGE CABLE IN PARALKATONE,REMOVE CABLE,HANG CABLE TO DRIP,REMOVE FROM AND ASIDE HOOK,PLACE CABLE IN BAG,ASIDE,CLOSE TANK COVERS ENDS-WITH CLOSE TANK COVER CONDITION-PROCESS TIME NOT INCLUDED 1660 CASE 01 DIP FIRST OR SINGLE CABLE 1310 02 DIP EACH ADDITIONAL CABLE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	709	MAA	ACCLMXX	SGMCMXX	VARIABLE	CABLE(AIRCRAFT CONTROL),MEASURE AND CUT STARTS-WITH REACH TO GET SHOP ORDER INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND CHECK SHOP ORDER,GET CABLE FROM SPOOL,ARRANGE CABLE ON TABLE,PLACE WEIGHT ON END TO HOLD, MEASURE AND MARK CABLE,ASIDE WEIGHT,GET AND POSITION CABLE TO CUTTER,CUT AND ASIDE CABLE ENDS-WITH ASIDE CABLE CONDITIONS-CUT TO 36 INCHES
					1890	CASE 01 CUT FIRST OR SINGLE-TO 36 INCHES
					1390	02 CUT EACH ADDITIONAL-TO 36 INCHES
FFE	709	MAA	GITMIXD	MITODXX	VARIABLE	OBJECT,DEMAGNETIZE WITH COIL STARTS-WITH TURN TO MAGNAGLO MACHINE INCLUDE-ALL THE MOTIONS AND PROCESS TIME TO TURN TO MAGNAGLO MACHINE,OPEN CURTAIN,PUSH CANOPY AWAY FROM MACHINE,STEP THREE PACES TO COIL,GET COIL AND PLACE OVER OBJECT ON RACK, STOP COIL OVER OBJECT,BEND TO CONTROL KNOB, SET CONTROL ON PROPER TIMING,ACTUATE SWITCH TO DEMAGNATIZE,STAND,MOVE COIL TO DEMAGNATIZE, ASIDE COIL,GET AND POSITION INDICATOR,READ INDICATOR ENDS-WITH ASIDE INDICATOR CONDITIONS-COIL WEIGHS 10/20 POUNDS ENW
					1521	CASE 01 LARGE PART-MOVE 24 DETENTS ON TIMER
					968	02 MEDIUM PART-MOVE 8 DETENTS ON TIMER
					396	03 SMALL PART-MOVE THREE DETENTS ON TIMER-TIME IS PER OBJECT,BASED ON DEMAGNATIZING TWO PARTS PER OCCURENCE
					36	04 VERY SMALL PART-MOVE ONE DETENT ON TIMER-TIME IS PER OBJECT,BASED ON DEMAGNATIZING 20 PARTS PER OCCURENCE
FFE	709	MAA	GITMIXX	MITOMXX	VARIABLE	OBJECT,MAGNETIZE FOR MAGNAGLO INSPECTION STARTS-WITH REACH TO GET COIL INCLUDES-ALL THE MOTIONS AND PROCESS TIME NECESSARY TO GET AND PLACE COIL OVER OBJECT ON RACK,STOP COIL OVER OBJECT,BEND TO CONTROL KNOB,SET CONTROL ON PROPER TIMING,ACTUATE SWITCH TO MAGNETIZE,MOVE COIL OVER OBJECT, ASIDE COIL ENDS-WITH ASIDE COIL CONDITIONS-COIL WEIGHS 10/20 POUNDS ENW
					378	CASE 01 MAGNETIZE OBJECT WITH COIL-TIMER MOVE ONE DETENT
					427	02 MAGNATIZE OBJECT WITH CONTACT POINTS-ONE DETENT MOVE ON TIMER
					33	03 EACH ADDITIONAL DETENT ON TIMER-BOTH CASE 01 AND 02
NAA	709	MUA	ACCCT01	SITCTXX	VARIABLE	CABLE(AIRCRAFT CONTROL),TEST STARTS-WITH REACH TO GET CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET CABLE TO TEST AND HOOK TO EXTENSION CABLE, POSITION HOLDING FIXTURE,PLACE AND LOCK CABLE IN FIXTURE,CLOSE AND OPEN PRESSURE VALVE,OPEN AND CLOSE BY-PASS VALVE,START AND STOP PROOF-LOADER,CLOSE AND OPEN LOAD VALVE,PROOFLOAD CABLE,DISCONNECT CABLE FROM EXTENSION CABLE, RELEASE HOLDING FIXTURE LOCK,REMOVE CABLE FROM FIXTURE AND ASIDE ENDS-WITH ASIDE CABLE CONDITIONS-PROCESS TIME IS ALLOWED IN TIME FOR FIRST CABLE-MORE THAN ONE CABLE CAN BE TESTED AT ONCE-PROCESS TIME IS 1400 TMUS-
					[illegible]	CASE 01 TEST FIRST OR SINGLE CABLE-TO 43 INCHES
					[illegible]	02 TEST EACH ADDITIONAL CABLE-TO 43 INCHES

DATA SOURCE	OCCUPATION	QUALITY CODE	SOURCE ELEMENT	DMMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	709	MAA	NMRDIXX	SITDIXX	VARIABLE	DYE PENETRANT,INSPECT,METAL SURFACE,PER 12 SQUARE INCHES STARTS-WITH GET PART TO BE INSPECTED INCLUDES-ALL MOTIONS NECESSARY TO OBTAIN PART FROM LOCATION UP TO FOUR FEET AWAY,PLACE ON BENCH,GET CLOTH,WIPE PART TO REMOVE LIGHT CLINGING DIRT AND DUST,GET CAN OF DYE PENETRANT,AGITATE,SPRAY PENETRANT ON 12 SQUARE INCHES,GET CLOTH,WIPE AREA,GET CAN OF DEVELOPER,AGITATE,SPRAY DEVELOPER,VISUALLY EXAMINE AREA,AND WIPE AREA CLEAN ENDS-WITH ASIDE PART
					5450	CASE 01 FIRST 12 SQUARE INCHES
					1720	02 EACH ADDITIONAL 12 SQUARE INCHES
FFD	709	TUA	GPIIMXX	SITIPXX	VARIABLE	PART,INSPECT BY MAGNAGLO PROCESS STARTS-WITH MOVE PART TO MAGNETIZER INCLUDES-ALL THE MOTIONS AND TIME NECESSARY TO MOVE PART TO MAGNETIZER,MAGNETIZE PART,APPLY SOLUTION,VISUALLY INSPECT WITH BLACK LIGHT AND DEMAGNETIZE PART,ASIDE PART ENDS-WITH ASIDE PART CONDITIONS-MOVE PALLET TO MAGNETIZER INCLUDES WALK SEVEN PACES TO PALLET,START PALLET IN MOTION AND PUSH PALLET SEVEN PACES,TWO TURNS ALLOWED-PER PART TIME BASED ON 12.5 PARTS PER PALLET
					5367	CASE 01 VERY LARGE PART-30 TO 60 POUNDS
					3418	02 LARGE PART-20 TO 30 POUNDS
					1343	03 MEDIUM PART-2.5 TO 10 POUNDS
					608	04 SMALL PART-LESS THAN 2.5 POUNDS
					448	05 VERY SMALL PART-LESS THAN 2.5 POUNDS
FFD	709	TBA	GPIIMVF	SITIP06	420	PART(VERY SMALL),INSPECT WITH MAGNAFLUX MACHINE STARTS-WITH OBTAIN PART INCLUDES-ALL THE MOTIONS AND PROCESS TIME TO INSPECT PART WITH MAGNAFLUX MACHINE ENDS-WITH PART IN BASKET ON CONVEYOR CONDITIONS-TIME IS BASED ON 160 PARTS INSPECTED AVERAGED TO GIVE TIME PER PART

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTD# ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
MAA	709	MUA	CZMAIXX	SITIZXX	VARIABLE	PART,INSPECT(ZYGLO) STARTS-WITH REACH TO GET GLOVES INCLUDES-ALL THE MOTIONS NECESSARY TO PUT ON GLOVES,GET PART(S)AND DIP IN PENETRANT,REMOVE AND PLACE ON DRAIN BOARD, GET PART(S)AND DIP IN EMULSIFIER,REMOVE AND PLACE ON DRAIN BOARD,GET PART(S)AND PLACE IN WASH TANK,WASH PART(S),ASIDE,GET PART(S)AND DIP PART(S)IN DEVELOPER TANK,PLACE ON DRAIN BOARD, PLACE IN DRYER,REMOVE FROM DRYER AND INSPECT WITH BLACK LIGHT,PLACE IN WASH TANK AND WASH, ASIDE ENDS-WITH PART(S)WASHED AND PLACED ASIDE CONDITIONS-SEE 709 SITPMXX FOR DEFINITIONS OF SIMPLE,COMPLEX AND VERY COMPLEX PARTS
					4840	CASE 01 SMALL PART-12X12 INCHES-SIMPLE SHAPE
					6100	02 SMALL PART-12X12 INCHES-COMPLEX SHAPE
					12400	03 SMALL PART-12X12 INCHES-VERY COMPLEX SHAPE
					6410	04 BASKET OF SMALL PARTS-TO 12 X 12 INCHES-SIMPLE SHAPE
					8570	05 BASKET OF SMALL PARTS-TO 12 X 12 INCHES-COMPLEX SHAPE
					34130	06 BASKET OF SMALL PARTS-TO 12 X 12 INCHES-VERY COMPLEX SHAPE
					5420	07 MEDIUM PART-12X12 TO 18X18 INCHES-SIMPLE SHAPE
					6950	08 MEDIUM PART-12X12 TO 18X18 INCHES-COMPLEX SHAPE
					20610	09 MEDIUM PART-12X12 TO 18X18 INCHES-VERY COMPLEX SHAPE
					6090	10 LARGE PART-18X18 TO 30X30 INCHES-SIMPLE SHAPE
					7890	11 LARGE PART-18X18 TO 30X30 INCHES-COMPLEX SHAPE
					28910	12 LARGE PART-18X18 TO 30X30 INCHES-COMPLEX PART
FFE	709	MAA	GITHPA3	SITOIXX	VARIABLE	OBJECT,INSPECT WITH BLACK LIGHT STARTS-WITH REACH TO GET LIGHT INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE LIGHT TO AREA,VISUALLY INSPECT OBJECT BY MOVING LIGHT ENDS-WITH AREA INSPECTED,LIGHT ASIDE
					143	CASE 01 INSPECT AREA UP TO 16 SQUARE INCHES
					72	02 INSPECT EACH ADDITIONAL AREA UP TO 16 SQUARE INCHES
FFD	709	TAA	GPIIZH5	SITPDOL	736	PART(VERY LARGE),DIP AND SPRAY WITH ZYGLO SOLUTION STARTS-WITH REACH TO CONTROL LEVER INCLUDES-ALL THE MOTIONS NECESSARY TO ACTUATE CONTROL,PARTIALLY IMMERSE PART AND SPRAY EXPOSED PORTION ENDS-WITH PART DIPPED AND SPRAYED CONDITIONS-POWERED DIP TABLE TO LOWER/RAISE PART

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	709	MUA	CZMEIXX	SITPIXX	TABLE	PART(ENGINE),INSPECT(ZYGLO) STARTS-WITH REACH TO GET PART INCLUDES-ALL THE MOTIONS NECESSARY TO GET PART AND DIP IN PENETRANT TANK(FOUR BY FOUR FEET), PLACE ON DRAIN RACK,GET AND DIP IN EMULSIFIER TANK,REMOVE AND PLACE ON DRAIN RACK,WASH PART TO REMOVE EXCESS PENETRANT,INSPECT FOR COMPLETENESS OF WASH WITH LIGHT,ASIDE LIGHT, DIP PART IN DEVELOPER,REMOVE AND PLACE ON DRAIN RACK,OPEN OVEN DOOR,PLACE PART IN OVEN, CLOSE DOOR,OPEN DOOR,REMOVE AND PLACE PART ON DRAIN RACK,CLOSE OVEN DOOR,PLACE PART IN INSPECT BOOTH,INSPECT WITH BLACK LIGHT,PLACE IN WASH BOOTH,WASH PART AND ASIDE ENDS-WITH PART WASHED AND ASIDE CONDITIONS-SEE 709 SITPMXX FOR DEFINITIONS OF SIMPLE,COMPLEX AND VERY COMPLEX PARTS

PART SIZE INCHES		SIMPLE SHAPE A	COMPLEX SHAPE B	VERY COMPLEX SHAPE C
SMALL-TO 12X12	A	6260	6870	14250
MEDIUM-12X12 TO 18X18	B	6840	7720	22460
LARGE-18X18 TO 30X30	C	7670	9020	31120
BASKET OF SMALL PARTS	D	9410	11570	56000

NAA	709	MAA	CZMOIXX	SITPMXX	TABLE	PART,MAGNAFLUX STARTS-WITH GET GLOVES INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PUT ON GLOVES,TAKE OFF GLOVES,GET AND POSITION COIL,SET TRANSFER SWITCH,SET CURRENT CONTROL, COAT PART WITH MAGNAFLUX(DIP),POSITION PART IN COIL,ACTUATE SWITCH TO CHARGE PART(AVERAGE TWO),CHANGE TRANSFER SWITCH,RE-SET CURRENT CONTROL,REPOSITION PART IN COIL,RE-ACTUATE SWITCH TO CHARGE PART,INSPECT FOR CRACKS,TURN DEMAGNETIZER ON,PASS PART THROUGH UNIT(AVERAGE THREE TIMES),WASH AND ASIDE PART ENDS-WITH ASIDE PART CONDITIONS-SMALL PARTS HAND HELD-MEDIUM AND LARGE PARTS POSITIONED AND SECURED ON END BLOCKS-SIMPLE SHAPE/SURFACE-READILY OR EASILY ACCESSIBLE,REQUIRES LITTLE OR NO REPOSITIONING DURING OPERATION;COMPLEX SHAPE/SURFACE-SOME RECESSED,RESTRICTED OR DIFFICULT ACCESS AREAS AND REQUIRES REPOSITIONING OF THE OBJECT OR TOOL DURING THE OPERATION;VERY COMPLEX-SHAPE/ SURFACE-NUMEROUS RECESSED,RESTRICTED OR DIFFICULT ACCESS AREAS,REQUIRES FREQUENT REPOSITIONING OF OBJECT OR TOOLS DURING OPERATION

PART SIZE (INCHES)		SIMPLE SHAPE A	COMPLEX SHAPE B	VERY COMPLEX SHAPE C
SMALL-TO 12X12	A	3440	4520	14670
MEDIUM-12X12 TO 18X18	B	4650	6010	15710
LARGE-18X18 TO 30X30	C	4870	6130	15850
SMALL-EACH ADDITIONAL PART	D	1540	1970	7370

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWNSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFD	709	TBA	GPIIZBI	SITPZOI	8039	PARTS,INSPECT WITH BLACK LIGHT(ZYGLO) STARTS-WITH TURN TO GET LIGHT INCLUDES-ALL THE MOTIONS NECESSARY TO GET THE BLACK LIGHT,PULL CORD TO TURN OFF LIGHTS,MOVE BLACK LIGHT TO FOCUS,ZYGLO INSPECT PALLET OF PARTS,PULL CORD TO TURN ON LIGHTS,ASIDE BLACK LIGHT TO HOLDER ENDS-WITH ASIDE BLACK LIGHT TO HOLDER CONDITIONS-TIME IS TO INSPECT ONE PALLET LOAD OF VARIOUS SIZE PARTS-PALLET TO 20X30 INCHES
FFE	709	TUA	GITMIXA	SITSAXX	VARIABLE	SOLUTION(MAGNETIC),APPLY TO PART STARTS-WITH REACH TO SPRAY NOZZLE INCLUDES-ALL THE MOTIONS AND PROCESS TIME NECESSARY TO GET SPRAY NOZZLE,APPLY SOLUTION TO FIRST HALF OF OBJECT,TURN OBJECT OVER WHEN NECESSARY AND APPLY SOLUTION TO OTHER SIDE, ASIDE NOZZLE ENDS-WITH ASIDE NOZZLE
					3382	CASE 01 APPLY SOLUTION TO VERY LARGE OBJECT-TURN OVER WITH HOIST
					2756	02 APPLY SOLUTION TO LARGE OBJECT-TURN OVER WITH HOIST
					789	03 APPLY SOLUTION TO MEDIUM OBJECT-TURN OVER BY HAND
					180	04 APPLY SOLUTION TO SMALL OBJECT-TURN OVER BY HAND(ONE HAND)
					21	05 APPLY SOLUTION TO VERY SMALL OBJECT-PARTS IN BASKET(20)-PER PART
					715	06 VERY LARGE PART-30 TO 60 POUNDS-ONE SIDE ONLY
					432	07 LARGE PART-10 TO 30 POUNDS-ONE SIDE ONLY
FFD	709	TBA	GPIIZX3	SITSSXX	VARIABLE	SOLUTION(ZYGLO),SPRAY ON PART STARTS-WITH TURN TO ZYGLO TANK INCLUDES-ALL THE MOTIONS AND PROCESS TIME TO SPRAY PART WITH ZYGLO SOLUTION ENDS-WITH HOSE PLACED IN HOLDER
					789	CASE 01 VERY LARGE PART 30-60 POUNDS
					149	02 LARGE PART 10 TO 30 POUNDS
MAA	709	MAA	SCC8G01	SITTI01	1440	TERMINAL(BALL),INSPECT,AIRCRAFT CONTROL CABLE STARTS-WITH GET BALL TERMINAL INCLUDES-ALL MOTIONS NECESSARY TO GET CLOTH, WIPE BALL TERMINAL,VISUALLY EXAMINE BALL,GET MICROMETER,MEASURE BALL,MEASURE SHANK,AND ASIDE MICROMETER ENDS-WITH ASIDE BALL TERMINAL
FFE	709	MAA	GITMIXI	MJPIP01	165	INSPECTION(MAGNAGLO),PREPARE TO PERFORM STARTS-WITH REACH TO CANOPY ACTUATE LEVER INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE CANOPY OVER RACK,GET UNDER CANOPY ENDS-WITH OPERATOR UNDER CANOPY CONDITIONS-DOES NOT INCLUDE TIME TO INSPECT OBJECT
FFE	709	MAA	GNFRAA1	SNFRI01	314	RIVETS,INSTALL WITH HAMMER AND PUNCH STARTS-WITH REACH TO GET RIVET INCLUDES-ALL THE MOTIONS NECESSARY TO GET RIVET AND PLACE IN HOLE,ALIGN RIVET ON RIVET SET,GET PUNCH,GET HAMMER,STRIKE PUNCH,ASIDE HAMMER AND PUNCH ENDS-WITH HAMMER AND PUNCH ASIDE CONDITIONS-USE RIVET SET-STRIKE PUNCH THREE TIMES-ALUMINUM RIVET

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	709	MAA	KNFRVDX	SNFRRXX	VARIABLE	RIVET,REMOVE WITH DRILL,HAMMER AND PUNCH STARTS-WITH GET CENTER PUNCH AND HAMMER INCLUDES-ALL THE MOTIONS NECESSARY TO CENTER PUNCH RIVET(S),GET DRILL AND DRILL RIVET(S), ASIDE DRILL,GET PUNCH AND HAMMER,POSITION PUNCH ON RIVET AND STRIKE PUNCH WITH HAMMER TO REMOVE RIVET,ASIDE PUNCH,HAMMER AND RIVET ENDS-WITH ASIDE RIVET(S),PUNCH AND HAMMER CONDITIONS-HAMMER TO 2.5 POUNDS ENW-STRIKE TWO TIMES TO REMOVE RIVET CASE 01 REMOVE FIRST OR SINGLE RIVET 665 02 REMOVE EACH ADDITIONAL RIVET 484
NAA	709	MAA	SLRCQ01	SQMCD01	380	COMPONENT,DEMAGNETIZE STARTS-WITH REACH TO SWITCH INCLUDES-ALL THE MOTIONS NECESSARY TO ACTUATE THE DEMAGNETIZER,GET AND PLACE PART ON TRAY, SET TIMER,PLACE PART IN POSITION TO WORK,GET FLUXMETER,USE FLUXMETER(TWO MOVES),LOOK AT FLUXMETER AND READ(EACH MOVE),ASIDE METER AND PART ENDS-WITH ASIDE PART CONDITIONS-PART WEIGHS UP TO THREE POUNDS
FFD	709	TBA	GPIIZDS	SPTPD01	393	TABLE(DIP),RAISE AND LOWER STARTS-WITH ACTUATE CONTROL VALVE LEVER INCLUDES-ALL THE PROCESS TIME TO DIP PARTS IN ZYGLO SOLUTION AND MOMENTARILY DRAIN EXCESS SOLUTION ENDS-WITH PARTS DIPPED CONDITIONS-APPLIES TO PARTS OF ALL SIZES-PER DIP
NAA	709	MAA	ACCPJ02	SSUPSXX	VARIABLE	PROOFLOADER(AIRCRAFT CONTROL CABLE),SET UP AND INSTALL EXTENSION CABLE STARTS-WITH REACH TO GET HOLDING BLOCKS INCLUDES-ALL THE MOTIONS NECESSARY TO GET BLOCKS AND SET UP PROOFLOADER,GET EXTENSION CABLE,HOOK CABLE TO RAM,LOCK CABLE IN PLACE, UNLOCK AND REMOVE CABLE,ASIDE CABLE ENDS-WITH ASIDE CABLE CONDITIONS-WALKING TO GET AND RETURN BLOCK TO AND FROM PROOFLOADER AND TO AND FROM EXTENSION CABLE STORAGE IS NOT INCLUDED CASE 01 SET UP PROOFLOADER 3974 02 INSTALL EXTENSION CABLE 486
NAA	709	MAA	ACCSJ01	SSUSS01	1192	SWAGER(AIRCRAFT CONTROL CABLE),SET UP AND TAKE DOWN STARTS-WITH REACH TO GET DIES INCLUDES-ALL THE MOTIONS NECESSARY TO GET DIES AND OPEN SWAGER DOOR,INSTALL DIES IN SWAGER, CLOSE DOOR,OPEN AND CLOSE LUBRICATION VALVE, TURN MASTER SWITCH ON AND OFF,OPEN SWAGER DOOR AND PRY DIES LOOSE WITH TOOL AND REMOVE,PUT DIES AWAY ENDS-WITH DIES PUT AWAY
NAA	709	MAA	ACCSJ02	SSUSS02	2524	SWAGER(AIRCRAFT CONTROL CABLE),SET UP STARTS-WITH BEND TO SWAGER INCLUDES-ALL THE MOTIONS NECESSARY TO BEND, PICK UP SWAGER AND PLACE ON WORK BENCH,BEND TO GET FOOT CONTROL,PUT CONTROL IN PLACE,ARISE, GET AIR HOSE,UNCOIL AND CONNECT HOSE TO SWAGER,SELECT DIES AND PLACE IN SWAGER,REMOVE SWAGER DIES,ASIDE DIES,GET SWAGER,BEND TO PUT AWAY,ARISE,STOOP TO FOOT CONTROL,PUT AWAY, ARISE ENDS-WITH ARISE FROM STOOP

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AE	709	MUO	FREXXXX	MTLRUXX	VARIABLE	REAMER(HAND),USE,PER 1/4 INCH DEPTH OF HOLE STARTS-WITH REAMER IN HAND INCLUDES-ALL MOTIONS NECESSARY TO REAM A HOLE PER 1/4 INCH DEPTH AND TO REMOVE REAMER FROM HOLE ENDS-WITH REAMER IN HAND CONDITIONS-REAMER HAS T-HANDLE WITH 5 INCH GRASP RADIUS
					564	CASE 01 CYLINDRICAL HOLE,FIRST 1/4 INCH DEPTH, FERROUS AND NON-FERROUS MATERIALS, EXCEPT STAINLESS STEEL
					539	02 CYLINDRICAL HOLE,EACH ADDITIONAL 1/4 INCH DEPTH,FERROUS AND NON-FERROUS MATERIALS,EXCEPT STAINLESS STEEL
					1032	03 CYLINDRICAL HOLE,FIRST 1/4 INCH DEPTH, STAINLESS STEEL
					1007	04 CYLINDRICAL HOLE,EACH ADDITIONAL 1/4 INCH DEPTH,STAINLESS STEEL
					1231	05 TAPERED HOLE,FIRST 1/4 INCH DEPTH, FERROUS AND NON-FERROUS MATERIALS, EXCEPT STAINLESS STEEL
					1206	06 TAPERED HOLE,EACH ADDITIONAL 1/4 INCH DEPTH,FERROUS AND NON-FERROUS MATERIAL EXCEPT STAINLESS STEEL
NAA	709	MAA	ACCSR01	STLFS01	3000	FITTING(AIRCRAFT CONTROL CABLE),SALVAGE STARTS-WITH REACH TO GET SCRAPPED CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION SCRAP TO CUTTER,REMOVE FITTINGS AND CUT CABLE INTO UNREUSABLE PIECES,ASIDE FITTINGS AND PIECES ENDS-WITH ASIDE FITTINGS CONDITIONS-MAKE SIX CUTS,18 INCHES APART-HAND OPERATED CUTTER
FFE	709	MAA	GTLTHAX	STLHTXX	VARIABLE	HOLE,TAP STARTS-WITH REACH TO TAP AND HANDLE(T-TYPE) INCLUDES-ALL THE MOTIONS NECESSARY TO ASSEMBLE TAP AND HANDLE,LUBRICATE TAP,RUN TAP DOWN AND BACK TAP OUT,DISASSEMBLE TAP AND HANDLE,ASIDE TAP AND HANDLE ENDS-WITH ASIDE TAP AND HANDLE CONDITIONS-UP TO 0.25 INCH THREAD DIAMETER-TO EIGHT THREADS DEEP-NON FERROUS METAL
					1427	CASE 01 FIRST OR SINGLE HOLE
					1047	02 EACH ADDITIONAL HOLE
NAA	709	MAA	ACCNNXX	STLSIXX	VARIABLE	SLEEVE(NICOPRESS),INSTALL(CRIMP) STARTS-WITH REACH TO SLEEVE INCLUDES-ALL THE MOTIONS NECESSARY TO GET SLEEVE,POSITION TO CABLE,MEASURE AND MARK, CRIMP TEMPORARILY WITH DIAGONALS,GET CRIMPING TOOL,POSITION TOOL IN HOLDING FIXTURE,GET CABLE AND SLEEVE AND POSITION TO TOOL,CRIMP NICOPRESS SLEEVE,REMOVE ASSEMBLY FROM TOOL,CUT OFF EXCESS CABLE,START GRINDER,GRIND END OF CABLE,SHUT OFF GRINDER,EXAMINE AND ASIDE CABLE ENDS-WITH ASIDE CABLE CONDITIONS-WALK 10 FEET TO GRINDER AND 10 FEET RETURN
					5020	CASE 01 INSTALL FIRST OR SINGLE SLEEVE
					3940	02 INSTALL EACH ADDITIONAL SLEEVE

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NAA	710	TUA	AID8RXX	SDABCXX	VARIABLE	BAND(SEALING),CLEAN AND REMOVE FROM INSTRUMENT STARTS-WITH REACH TO BAND ON INSTRUMENT INCLUDES-ALL THE MOTIONS NECESSARY TO CLEAN BAND TO REMOVE LIGHT DUST OR SMALL PARTICLES OF DIRT,ASIDE CLEANING IMPLEMENT,LOCATE BAND TAB,GET SOLDERING IRON AND HEAT BAND TO MELT SOLDER(USING HEAT SINK),REMOVE AND ASIDE BAND, ASIDE IRON ENDS-WITH ASIDE BAND AND IRON CONDITIONS-CLEAN WITH BRUSH,SANDPAPER,CLOTH OR SCRAPPER,(WITH OR WITHOUT SOLVENT)
					2044	CASE 01 BAND TO 10 INCHES-CASE DIAMETER TO THREE INCHES-BAND 3/16-3/8 INCHES WIDE-CASE .020 TO .045 INCHES THICK-READILY ACCESSIBLE SURFACE-NORMAL HEAT SINK
					3452	02 BAND 10 TO 20 INCHES LONG-CASE DIAMETER 3 TO 6 INCHES-BAND 7/16 TO 5/8 INCHES-CASE .020 TO .045 INCHES THICK, READILY ACCESSIBLE SURFACE-NORMAL HEAT SINK
					3798	03 BAND 20 TO 40 INCHES LONG-CASE DIAMETER OVER SIX INCHES-BAND 5/8 TO 3/4 INCHES WIDE-CASE .020 TO .045 INCHES THICK-READILY ACCESSIBLE SURFACE-NORMAL HEAT SINK
					5882	04 SAME AS CASE 02 EXCEPT CASE .046 TO .065 INCHES THICK-HIGH HEAT SINK
					9908	05 SAME AS CASE 03 EXCEPT CASE .046 TO .090 INCHES THICK-HIGH HEAT SINK
NAA	710	MAA	SLRCN39	SDAC101	4798	COMPONENT(PIGTAIL),INSTALL STARTS-WITH REACH TO GET CAPSULE CONTAINING PIGTAIL INCLUDES-ALL THE MOTIONS NECESSARY TO GET CAPSULE AND OPEN,REMOVE PIGTAIL AND ASIDE CAPSULE HALVES,GET RAZOR BLADE AND CUT PIGTAIL TO LENGTH,ASIDE BLADE AND SCRAP,GET MICROSCOPE BASE AND LIGHT,POSITION FOR USE,TURN ON AND POSITION LIGHT,LOOSEN LOCK KNOB AND ADJUST HEIGHT OR LENGTH OF PLANE,TIGHTEN LOCK KNOB, POSITION HEAD TO EYEPIECE,ADJUST EYE WIDTH, SELECT POWER,FOCUS,POSITION PIGTAIL,GET TWEEZERS AND POSITION PIGTAIL TO TERMINAL (FIRST END),SOLDER END TO TERMINAL,REPOSITION WORK,GET,POSITION AND SOLDER SECOND END,ASIDE IRON AND TWEEZERS,REPOSITION PART FROM MICROSCOPE,GET BRUSH AND MOVE TO ALCOHOL,DIP BRUSH IN ALCOHOL AND BRUSH TERMINALS(TWO),EXAMINE PIGTAIL AND TERMINAL,ASIDE BRUSH ENDS-WITH ASIDE BRUSH CONDITIONS-APPLICABLE TO LITTON GYROS AND ACCELEROMETERS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
MAA	710	MRA	A1OCPXX	SDACRXX	VARIABLE	CASE(INSTRUMENT),REPAIR STARTS-WITH REACH TO GET SOLDERING IRON INCLUDES-ALL THE MOTIONS NECESSARY TO GET IRON AND HEAT TO REMOVE SOLDER FROM CASE,ASIDE IRON AND CLEAN WORKBENCH,CLEAN CASE OF HEAVY CLINGING DUST AND DIRT,LIGHT STAINS,LIGHT CORROSION,OIL OR GREASE BY MILD SCRUBBING WITH CLOTH,BRUSH,SCRAPER OR SANDPAPER(WITH OR WITHOUT SOLVENT),ASIDE TOOL,REMOVE COVER,CHECK FOR BURRS,FILE SMOOTH,RE-INSTALL COVER,TAPE COVER IN PLACE AND INSTALL MASKING TAPE ENDS-WITH INSTALL MASKING TAPE
					6854	CASE 01 SMALL INSTRUMENT-.020-.045 INCH THICK CASE,TO THREE INCHES DIAMETER-NORMAL HEAT SINK
					11772	02 MEDIUM INSTRUMENT-.020-.045 INCH THICK CASE,THREE TO SIX INCHES DIAMETER-NORMAL HEAT SINK
					17808	03 LARGE INSTRUMENT-.020-.045 INCH THICK CASE,OVER SIX INCHES DIAMETER-NORMAL HEAT SINK
					14682	04 MEDIUM INSTRUMENT-.046-.065 INCH THICK CASE,THREE TO SIX INCHES DIAMETER-HIGH HEAT SINK
					22208	05 LARGE INSTRUMENT-.046-.090 INCH THICK CASE,OVER SIX INCHES DIAMETER-HIGH HEAT SINK
FFE	710	MAA	OIGDSC2	SDACR06	383	CUPS(TERMINAL-GYRO MOTOR),REMOVE STARTS-WITH REACH TO GET MOTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET THE MOTOR AND PLIERS,POSITION PLIERS TO CUP,LOOSEN TWO CUPS,DISENGAGE CUPS AND PLACE ASIDE,ASIDE PLIERS ENDS-WITH ASIDE CUPS AND PLIERS CONDITIONS-USE SPECIAL PLIERS-DOES NOT INCLUDE CUTTING WIRE LEADS-REMOVE TWO CUPS
FFE	710	MAA	KPMEGRA	SDADR01	4006	DIAL(PRESSURE GAUGE),REMOVE AND REPLACE STARTS-WITH REACH TO GET TOOLS INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOLS,REMOVE AND REPLACE POINTER,REMOVE AND REPLACE DIAL ENDS-WITH TOOLS ASIDE AFTER REPLACING POINTER CONDITIONS-LENS HAS BEEN REMOVED PRIOR TO THIS OPERATION-GAUGE WEIGHS UP TO 40 POUNDS
FFE	710	TUA	OIGDP04	SDAGR01	1644	GUARD(GYRO HEADER PIN),REMOVE STARTS-WITH REACH TO GET SOLDERING IRON INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND TIN SOLDERING IRON,PLACE IRON TO PART,HEAT PART,GET PLIERS AND SEPARATE PART(BOTH ENDS), REMOVE AND ASIDE GUARD,CLEAN PARTS WITH TOWEL, ASIDE PLIERS AND SOLDERING IRON ENDS-WITH ASIDE GUARD AND TOOL CONDITIONS-GUARD SOLDERED AT BOTH ENDS-47.5-50 WATT IRON USED-UNSOLDER 09 TO 12 GAGE WIRE OR EQUIVALENT
FFE	710	EUA	OIGDSH1	SDAHT01	2687	HOUSING AND CAP(LARGE GYRO MOTOR),TIN MATING EDGES STARTS-WITH REACH TO GET CAP INCLUDES-ALL THE MOTIONS NECESSARY TO GET PART AND SOLDERING IRON,GET HOUSING,PLACE CAP AND HOUSING IN FRONT OF OPERATOR,TIN MATING EDGES OF CAP AND HOUSING ENDS-WITH ASIDE SOLDERING IRON CONDITIONS-USE 350 WATT SOLDERING IRON

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FFE	710	EUA	OIGDSLH	SDAHU01	3768	HOUSING(GYRO MOTOR),UNSEAL,TIN MATING EDGES STARTS-WITH REACH TO GET MOTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET, SECURE AND REMOVE MOTOR FROM PIN SHAFT TYPE HOLDING FIXTURE,GET AND ASIDE SOLDERING IRON, HEAT WIRE SEAL,LIFT UNSOLDERED WIRE WITH KNIFE AND PEEL OFF WITH PLIERS,GET CAP AND HOUSING AND TIN MATING EDGES,ASIDE IRON,ASIDE CAP AND HOUSING ENDS-WITH ASIDE TINNED CAP AND HOUSING CONDITIONS-USE 350 WATT SOLDERING IRON,LONG NOSE PLIERS-LARGE MOTOR
FFE	710	EUA	OIGDSMH	SDAHU02	6976	HOUSING(GYRO MOTOR-MEDIUM),UNSEAL STARTS-WITH PLACE SOLDERING IRON TO CLEAN INCLUDES-ALL THE MOTIONS NECESSARY TO CLEAN AND TIN SOLDERING IRON,UNSEAL CAP AND HOUSING, TIN HOUSING AND CAP MATING EDGES ENDS-WITH CAP AND HOUSING SEPARATED,TINNED AND ASIDE CONDITIONS-USE 350 WATT SOLDERING IRON
NAA	710	TUA	JIRIBSS	SDAISXX	VARIABLE	INSTRUMENT,SEAL WITH SOLDERING IRON STARTS-WITH GET UNIT INCLUDES-ALL MOTIONS NECESSARY TO CONNECT SOLDERING IRON,PUT ON SAFETY GLASSES,ADJUST IRON HEAT,CHECK INSTRUMENT SIZE,SELECT PROPER BAND SIZE,CUT TO LENGTH,TRIM BAND TO WIDTH, PLACE INSTRUMENT IN HOLDING FIXTURE,POSITION AND SOLDER BAND,AND REMOVE INSTRUMENT FROM FIXTURE ENDS-WITH ASIDE INSTRUMENT CASE 01 SMALL INSTRUMENT TO 3 INCHES DIAMETER 02 MEDIUM INSTRUMENT 3-6 INCHES DIAMETER 03 LARGE INSTRUMENT 6-10 INCHES DIAMETER
					18210	
					24660	
					42600	
NAA	710	MUA	JIRIBSU	SDAIUXX	VARIABLE	INSTRUMENT,UNSEAL WITH IRON STARTS-WITH GET INSTRUMENT INCLUDES-ALL MOTIONS NECESSARY TO CONNECT SOLDERING IRON,PUT ON SAFETY GLASSES,ADJUST IRON HEAT,GET AND UNCOIL SOLDER TO TIN IRON, REMOVE BAND FROM INSTRUMENT,REMOVE FROM CASE, REMOVE SOLDER FROM CASE,PLACE INSTRUMENT IN CASE AND ASIDE,AND DISCONNECT AND ASIDE IRON ENDS-WITH REMOVE SAFETY GLASSES CASE 01 SMALL INSTRUMENT,TO 3 INCHES DIAMETER 02 MEDIUM INSTRUMENT,3-6 INCHES DIAMETER 03 LARGE INSTRUMENT,6-10 INCHES DIAMETER
					9830	
					12530	
					14730	
NAA	710	MUA	JIRIBHU	SDAIU04	22470	INSTRUMENT,UNSEAL WITH INDUCTION HEATER STARTS-WITH GET INSTRUMENT INCLUDES-ALL MOTIONS NECESSARY TO GET SPECIAL TOOL AND ATTACH TO INSTRUMENT,CHANGE COIL IN INDUCTION HEATER,PUT ON SAFETY GLASSES AND GLOVES,TURN HEATER ON,ALLOW 1.8 MINUTES FOR WARM-UP,PASS INSTRUMENT THROUGH COIL,UNSEAL INSTRUMENT(APPROXIMATELY .5 MINUTE),REMOVE INSTRUMENT FROM HEATER,WIPE EXCESS SOLDER,TURN POWER OFF,REMOVE AND ASIDE SPECIAL TOOL,AND ASIDE INSTRUMENT ENDS-WITH REMOVE GLOVES AND SAFETY GLASSES
FFE	710	MAA	KPMEGRC	SDALR01	1876	LENS(GAUGE),REPLACE IN GAUGE STARTS-WITH REACH TO GET TOOLS INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOLS,REPOSITION GAUGE,REMOVE AND ASIDE BEZEL, REMOVE AND ASIDE LENS,GET NEW LENS,ALIGN TO GAUGE AND BEZEL,PLACE ON GAUGE,TIGHTEN,ASIDE TOOLS ENDS-WITH ASIDE TOOLS CONDITIONS-FASTEN WITH TWO SCREWS-SCREWDRIVER, NORMAL POSITION,RUN SCREWS IN AND OUT FIVE TO 10 THREADS-GAUGE WEIGHS UP TO 40 POUNDS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	710	EUA	OIGDSLA	SDAMU01	14270	MOTOR(GYRO-LARGE),UNSEAL STARTS-WITH REACH TO IMPLEMENT TO APPLY FLUX TO TUBE INCLUDES-ALL THE MOTIONS NECESSARY TO APPLY FLUX,HEAT IRON,CLEAN AND TIN TIP,PLACE FLUX, BRUSH AND SOLDER ASIDE,GET SOLDERING IRON, PLIERS,APPLY HEAT TO EVACUATION TUBE,REMOVE TUBE WITH PLIERS FROM SEAL NUT HOLE,ASIDE TUBE AND PLIERS,MOUNT MOTOR IN FIXTURE,UNSOLDER NUTS AND CLEAN SOLDER FROM ALL PARTS, ASIDE MOTOR,GET AND PLACE MOTOR IN PIN SHAFT TYPE HOLDING FIXTURE,REMOVE SEAL WIRE WITH SOLDERING IRON AND PEEL FROM HOUSING WITH PLIERS,ASIDE IRON AND PLIERS,ASIDE CAP AND HOUSING,ASIDE MOTOR ENDS-WITH ASIDE MOTOR CONDITIONS-USE 350 WATT SOLDERING IRON,LONG NOSE PLIERS
FFE	710	EUA	OIGDSMA	SDAMU02	14677	MOTOR(GYRO-MEDIUM),UNSEAL AND SEPARATE INTO SUB-ASSEMBLIES STARTS-WITH APPLY FLUX TO EVACUATION TUBE INCLUDES-ALL THE MOTIONS NECESSARY TO UNSEAL EVACUATION TUBE AND REMOVE,ASIDE PLIERS,UNSEAL MEDIUM MOTOR SEAL NUT,INSTALL/REMOVE MOTOR IN FIXTURE,UNSEAL HOUSING AND CAP ASSEMBLY, TIN SEAL EDGES WITH IRON AFTER APART(MEDIUM MOTOR) ENDS-WITH MOTOR DISASSEMBLED AND ASIDE CONDITIONS-USE 350 WATT SOLDERING IRON,PLIERS
FFE	710	EUA	OIGDSLN	SDANUXX	VARIABLE	NUT(GYRO MOTOR),UNSEAL STARTS-WITH REACH TO GET MOTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND INSTALL,POSITION AND LOCK MOTOR IN TAPER SHAFT TYPE,DOUBLE LOCK,UNSEALING FIXTURE,REMOVE AND ASIDE MOTOR,GET AND ASIDE SOLDERING IRON,UN-SOLDER NUTS ENOUGH TO FREE NUTS WITH WRENCH, REMOVE SOLDER(EXCESS)FROM SEAL NUT HOLE WITH SOLDERING IRON AND AIR,BLOW WITH AIR HOSE REMOVE EXCESS SOLDER AND SOLDER WEIGHTS FROM EXTERIOR OF MOTOR WITH SOLDERING IRON AND BRUSH,REMOVE SOLDER FROM SEAL NUT USING HOT-PLATE,PLIERS AND BRUSH ENDS-WITH ASIDE MOTOR CONDITIONS-USE TWO EACH 350 WATT SOLDERING IRONS TO UNSOLDER SEAL NUTS-OTHER UNSOLDERING WITH ONE 350 WATT IRON CASE 01 LARGE GYRO MOTOR 9533 02 MEDIUM GYRO MOTOR 6732
FFE	710	MAA	KPMEGAA	SDAPI01	375	POINTER(PRESSURE GAUGE),INSTALL STARTS-WITH REACH TO GET TOOLS INCLUDES-ALL THE MOTIONS NECESSARY TO OBTAIN TOOLS,REPOSITION OBJECT,ASSEMBLE PART WITH TWEEZERS,VISUALLY INSPECT AND SEAT POINT ENDS-WITH ASIDE TOOLS CONDITIONS-OBJECT HANDLED WEIGHS TO 40 POUNDS, APPLIES TO PRESSURE GAUGE OR SIMILAR TYPE INSTRUMENT
MAA	710	MUA	AIAPN01	SDAPP01	1900	PLUG(SEALING),POSITION AND SOLDER TO INSTRUMENT STARTS-WITH REACH TO GET SEALING PLUG INCLUDES-ALL THE MOTIONS NECESSARY TO GET PLUG AND POSITION TO INSTRUMENT,GET SOLDER AND IRON,SOLDER PLUG TO INSTRUMENT,ASIDE IRON AND SOLDER,WASH OFF FLUX WITH BRUSH AND EXAMINE INSTALLATION ENDS WITH EXAMINE INSTALLATION

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	710	MAA	KPMEGR8	SDAPR01	1856	POINTER(GAUGE OR INSTURMENT),REPLACE STARTS-WITH REPOSITION GAUGE OR INSTRUMENT INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE A POINTER FROM A GAUGE OR INSTRUMENT WITH A SCREW TYPE PULLER ENDS-WITH ASIDE TOOLS CONDITIONS-GAUGE OR INSTRUMENT WEIGHS UP TO 40 POUNDS
NAA	710	MUA	AIDPR01	SDAPR02	1950	PLUG(SEALING),REMOVE FROM INSTRUMENT STARTS-WITH POSITION INSTRUMENT FOR WORK INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION INSTRUMENT ON BENCH,GET SOLDERING IRON,HEAT PLUG TO MELT SOLDER,REMOVE AND ASIDE PLUG, ASIDE IRON,CLEAN AREA AROUND PLUG HOLE ENDS-WITH CLEAN AREA
NAA	710	MAA	SIRCA02	SDASP01	6300	SPRING(HAIR),POSITION STARTS-WITH REACH TO GET TWEEZERS INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP HAIR SPRING WITH TWEEZER,ALIGN AND POSITION SPRING,CHECK CLEARANCE(VISUAL),ASIDE TWEEZERS ENDS-WITH CHECK COMPLETE AND ASIDE TWEEZERS
FFE	710	EUA	OIGDSH2	SDASR01	2666	SOLDER(EXCESS),REMOVE FROM SEAL EDGES OF CAP AND HOUSING(GYRO MOTOR) STARTS-WITH REACH TO GET SOLDERING IRON INCLUDES-ALL THE MOTIONS NECESSARY TO GET SOLDERING IRON,GET AND REMOVE EXCESS SOLDER FROM SEAL EDGE OF CAP AND HOUSING,TIN EDGES, ASIDE SOLDERING IRON ENDS-WITH ASIDE SOLDERING IRON CONDITIONS-MEDIUM GYRO MOTOR
FFE	710	EUA	OIGDSN2	SDASR02	2638	SOLDER(EXCESS),REMOVE FROM SEAL NUT HOLE(GYRO MOTOR) STARTS-WITH REACH TO GET SOLDERING IRON INCLUDES-ALL THE MOTIONS NECESSARY TO GET IRON AND HEAT THE SEAL NUT HOLES ENOUGH TO MELT SOLDER,BLOW MOLTEN SOLDER AWAY WITH AIR,ASIDE IRON AND AIR HOSE ENDS-WITH ASIDE AIR HOSE CONDITIONS-USE 350 WATT SOLDERING IRON
FFE	710	EUA	OIGDSN3	SDASR03	3398	SOLDER(EXCESS)AND WEIGHTS,REMOVE FROM EXTERIOR OF LARGE GYRO MOTOR STARTS-WITH REACH TO GET SOLDERING IRON INCLUDES-ALL THE MOTIONS AND TIME NECESSARY TO COMPLETELY REMOVE 60-40 SOLDER AND SOLDER WEIGHTS FROM HOUSINGS BY MELTING SOLDER WITH SOLDERING IRON AND BRUSH AWAY,ASIDE IRON AND BRUSH ENDS-WITH ASIDE BRUSH CONDITIONS-USE 350 WATT SOLDERING IRON-EXCESS SOLDER REMOVED FROM AREA 3X3 INCHES-REMOVE SOLDER WEIGHTS ONE SQUARE INCH UP TO 1-1/4 INCH THICK
FFE	710	MUA	KPMEGRE	SDATR01	1582	TUBE(BOURDON),REMOVE AND REPLACE STARTS-WITH GET TOOLS INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOLS,POSITION TUBE,MELT SOLDER,REMOVE NUT WITH A NUTDRIVER(10 TO 15 THREADS-NORMAL),REMOVE MATING PARTS,INSTALL PART INTO HOLE OR ON STUD,TIN SOLDERING IRON,MELT SOLDER INTO NUT HOLE,INSTALL NUT ENDS-WITH ASIDE SOLDERING IRON

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	MAKEUP-ATION	QUALITY	SOURCE CODE	DWNSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	710	EUA	OIGDSLT	SDATU01	969	TUBE(EVACUATION-LARGE GYRO MOTOR),UNSEAL STARTS-WITH APPLY FLUX TO TUBE INCLUDES-ALL THE MOTIONS NECESSARY TO GET APPLICATOR AND APPLY FLUX TO TUBE,GET FLUX AND SOLDER AND BRUSH,CLEAN AND TIN IRON TIP,ASIDE FLUX,BRUSH AND SOLDER,GET SOLDERING IRON,APPLY IRON TO TUBE SEAL,GRASP TUBE WITH PLIERS AND REMOVE TUBE,ASIDE IRON,PLIERS AND PART ENDS-WITH PLIERS ASIDE CONDITIONS-USE 350 WATT SOLDERING IRON
NAA	710	MAA	AIAIT85	MITIT01	1370	INSTRUMENT,TEST(SET UP FOR LEAK TEST)BENCH STARTS-WITH GET INSTRUMENT AND PLACE ON PURGE BENCH INCLUDES-ALL MOTIONS NECESSARY TO CONNECT FILL HOSE TO FILL TUBE,OPEN GAS VALVE,AND REGULATE PRESSURE,CLOSE GAS VALVE ENDS-WITH CLOSE GAS VALVE CONDITION-TIME TO WALK TO AND FROM PURGE BENCH IS NOT INCLUDED
NAA	710	MAA	AIAIT85	MITIT02	1370	INSTRUMENT,TEST FOR LEAKS STARTS-WITH OPEN GAS VALVE INCLUDES-ALL MOTIONS NECESSARY TO SUBMERGE INSTRUMENT IN FLUID,INSPECT FOR LEAKS,REMOVE INSTRUMENT FROM FLUID,AND CLOSE GAS VALVE ENDS-WITH RELEASE OF VALVE
NAA	710	TUA	AIAIT85	MITIT03	1340	INSTRUMENT,TEST(REPAIR ONE LEAK)PER LEAK STARTS-WITH PLACE INSTRUMENT IN FIXTURE INCLUDES-ALL MOTIONS NECESSARY TO SOLDER ONE LEAK ENDS-WITH REMOVE INSTRUMENT FROM FIXTURE CONDITION-TIME TO WALK TO AND FROM SOLDER BENCH NOT INCLUDED
NAA	710	MUA	AIAIT85	MITIT04	2160	INSTRUMENT,TEST(PURGE AND GAS FILL) STARTS-WITH POSITION INSTRUMENT WITH FILL TUBE DOWN INCLUDES-ALL MOTIONS NECESSARY TO OPEN VACUUM VALVE,EVACUATE INSTRUMENT,CLOSE VACUUM VALVE, OPEN GAS VALVE,AND PRESSURIZE INSTRUMENT ENDS-WITH CLOSE GAS VALVE
NAA	710	TUA	AIAIT85	MITIT05	1550	INSTRUMENT,TEST(SEAL FILL TUBE) STARTS-WITH DISCONNECT FILL TUBE INCLUDES-ALL MOTIONS NECESSARY TO CLIP TUBE, SOLDER END,AND CLIP OFF EXCESS SOLDER WITH DIAGONAL PLIERS ENDS-WITH ASIDE INSTRUMENT AND SOLDERING IRON CONDITION-TIME TO WALK TO SOLDER BENCH NOT INCLUDED
NAA	710	TUA	AIAIT85	MITIT06	2750	INSTRUMENT,TEST(SEAL WITH SOLDERED PLUG) STARTS-WITH DISCONNECT FILL HOSE INCLUDES-ALL MOTIONS NECESSARY TO REMOVE FILLER TUBE AND INSTALL PLUG ENDS-WITH PLUG INSTALLED CONDITION-TIME TO WALK TO SOLDER BENCH NOT INCLUDED

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWNSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	710	NAA	CPNBAOA	SITBC01	8960	BALANCER(GISHOLT MODEL "S"),CALIBRATE STARTS-WITH REACH TO DIALS INCLUDES-ALL MOTIONS NECESSARY TO TURN SIX DIALS TO ZERO,START MACHINE,TURN LEFT/RIGHT SWITCH TO LEFT 0-50,ADJUST FILTER DIAL NUMBER TWO FOR MAXIMUM METER READING,ADJUST FILTER DIAL NUMBER THREE FOR MAXIMUM METER READING, ADJUST CALIBRATION DIAL NUMBER SIX TO BRING BACK ON SCALE,ADJUST CALIBRATION DIAL NUMBER SEVEN TO SAME POSITION AS NUMBER SIX;LOOSEN AND TIGHTEN LIGHT THUMBSCREW,GET LIGHT, POSITION LIGHT,GET AND ASIDE TOOL,LOOSEN AND TIGHTEN NUT,ADJUST LIGHT,ATTACH STRIP ON UNIT, REMOVE STRIP,TURN SELECTOR SWITCH TO COARSE, START MACHINE,TURN LEFT/RIGHT SWITCH TO LEFT 0-50 AND READ,ADJUST LEFT COMPENSATOR CONTROLS FOR 0 METER READING,TURN RIGHT CALIBRATION NUMBER SIX BACK TO 0 OR 100,GET AND ASIDE TOOL,LOOSEN AND TIGHTEN LIGHT,GET LIGHT,ASIDE LIGHT,TURN COMPENSATOR TO OUT;APPLY WAX ON LEFT CORRECTION PLANE,START MACHINE,TURN LEFT/ RIGHT SWITCH 0-50,ADJUST PLANE SEPARATION DIAL NUMBER FIVE FOR ZERO METER READING,TURN LEFT/ RIGHT SWITCH TO 0-10,ADJUST PLANE SEPARATION DIAL NUMBER FIVE FOR ZERO METER READING,STOP MACHINE,REMOVE WAX;EXAMINE FOR UNBALANCE SPOT, START MACHINE,TURN LEFT/RIGHT SWITCH 0-50 AND OBSERVE ANGLE OF UNBALANCE,ADJUST FILTER DIAL NUMBER THREE TO ALIGN UNBALANCE SPOT,STOP MACHINE,REMOVE WAX,APPLY WAX TO LEFT END OF UNIT AT KNOWN ANGLE,START MACHINE,TURN LEFT/ RIGHT SWITCH TO 0-50 AND OBSERVE ANGLE OF UNBALANCE,ADJUST FILTER DIAL NUMBER TWO TO ALIGN UNBALANCE SPOT,STOP MACHINE,REMOVE WAX, PLACE KNOWN WEIGHT ON LEFT END,START MACHINE, TURN LEFT/RIGHT SWITCH,ADJUST CALIBRATION KNOB NUMBER SIX TO OBTAIN DESIRED READING, STOP MACHINE AND REMOVE WEIGHT ENDS-WITH WEIGHT REMOVED CONDITION-APPLICABLE TO GISHOLT MODEL S BALANCER-DOES NOT INCLUDE SET UP TO CALIBRATE-USE 710 SITBS01

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	710	NAA	CPNBA08	SITBC02	8920	BALANCER(GISHOLT UJP),CALIBRATE STARTS-WITH REACH TO SWITCH INCLUDES-ALL MOTIONS NECESSARY TO SET ANGLE/AMOUNT SWITCH TO AMOUNT,SET LEFT/RIGHT SWITCH TO LEFT,COMPENSATOR SWITCH TO IN,DIALS 4,6,8,10 TO 50;DIALS 11,13,16,17,20,21 TO 0;SWITCH 11C,13C TO AA;SWITCH 11D,13D TO 1;DIALS 15,19 TO 100,SENSITIVITY SWITCH TO FINE,CURRENT/GENERATOR DIAL TO EXTREME LEFT,OFF/ON SWITCH TO ON,OPEN COVER ON PANEL AND CLOSE,DISTANCE TO APPLY WEIGHTS AND RETURN,20 FEET;POSITION UNIT,APPLY KNOWN WEIGHT AT 0 DEGREES ON LEFT END,POSITION UNIT,APPLY KNOWN WEIGHT AT 90 DEGREES ON RIGHT END,PUSH BELT TENSION BUTTON AND WAIT FOR GREEN LIGHT,PUSH START BUTTON,ADJUST SPEED POTENTIOMETER,ADJUST GENERATOR CURRENT TO 500MA,DISTANCE TO RELEASE PEDESTAL BRAKE 20 FEET,RELEASE PEDESTAL BRAKES,TURN GENERATOR HANDWHEEL CCW TO 0,ADJUST DIAL NO.4 FOR NULL,ANGLE/AMOUNT SWITCH TO ANGLE;ADJUST DIAL NO.6 FOR NULL,LEFT/RIGHT SWITCH TO RIGHT;ADJUST DIAL NO.8 FOR NULL,ANGLE/AMOUNT TO AMOUNT;ADJUST NO.10 FOR NULL,ADJUST DIAL NO.4 FOR NULL,ANGLE/AMOUNT SWITCH TO ANGLE;ADJUST DIAL NO.6 FOR NULL,LEFT/RIGHT SWITCH TO RIGHT;ADJUST DIAL NO.8 FOR NULL,ANGLE/AMOUNT TO AMOUNT,ADJUST DIAL NUMBER 10 FOR NULL,PUSH STOP BUTTON AND STOP MACHINE,DISTANCE TO REMOVE WEIGHTS AND RETURN 20 FEET,POSITION UNIT,REMOVE WEIGHT LEFT END,REMOVE WEIGHT RIGHT END,PUSH START BUTTON,ADJUST DIAL NO.11 FOR NULL,SWITCH NO.11C TO A8,ADJUST DIAL NO.11 FOR NULL,SWITCH NO.11D TO 0,ADJUST DIAL NO.11 FOR NULL,SWITCH NO.11C TO 88,ADJUST DIAL NO.11 FOR NULL,LEFT/RIGHT SWITCH TO LEFT,GENERATOR HANDWHEEL TO 90 DEGREES,ADJUST DIAL NO.11 FOR NULL,SWITCH NO.11C TO A8,ADJUST DIAL NO.11 FOR NULL,SWITCH NO.11D TO 0,ADJUST DIAL NO.11 FOR NULL,SWITCH NO.11C TO 88,ADJUST DIAL NO.11 FOR NULL,LEFT/RIGHT SWITCH TO RIGHT,ADJUST DIAL NO.15 FOR DESIRED LEVEL,ADJUST DIAL NO.16 FOR DESIRED LEVEL,ADJUST DIAL NO.17 FOR NULL,LEFT/RIGHT SWITCH TO RIGHT,ADJUST DIAL NO.19 FOR DESIRED LEVEL,ADJUST DIAL NO.20 FOR DESIRED LEVEL,ADJUST DIAL NO.21 FOR NULL,COMPENSATOR SWITCH TO POSITION 22 ENDS-WITH CALIBRATION COMPLETE CONDITIONS-APPLICABLE TO GISHOLT UJP BALANCER-DOES NOT INCLUDE SET UP TO CALIBRATE USE 710 SITBS01

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	710	MAA	CPN8A0C	SIT8C03	9670	BALANCER(BEAR MODEL 40082),CALIBRATE STARTS-WITH REACH TO CONTROL SETTING INCLUDES-ALL MOTIONS NECESSARY TO SET L-N AND R-N AT N,SET L-1 AND R-1,SET L-0 AND R-0 AT 0 SET L-100 AND R-100 AT 100,ADJUST TUNING CONTROL,START MACHINE,SET LEFT/RIGHT SWITCH TO FIND LARGEST READING,ADJUST L-100 OR R-100 TO GET READING ON SCALE,ADJUST TUNING CONTROL FOR MAXIMUM ON METER,POSITION STROBE LIGHT,CHECK ANGLE OF UNBALANCE,STOP MACHINE,POSITION MACHINE,APPLY WAX TO UNIT,START MACHINE,TURN LEFT/RIGHT SWITCH TO PREVIOUS POSITION,ADJUST TUNING CONTROL FOR MAXIMUM READING,STOP MACHINE,POSITION UNIT,REMOVE WAX,LOOSEN AND TIGHTEN LIGHT THUMBSCREW,GET LIGHT,POSITION LIGHT,GET AND ASIDE TOOL,LOOSEN AND TIGHTEN NUT,ADJUST LIGHT,ATTACH STRIP ON UNIT,REMOVE STRIP,TURN SELECTOR SWITCH TO COARSE,START MACHINE,TURN LEFT/RIGHT SWITCH TO LEFT 0-50 AND READ,ADJUST LEFT COMPENSATOR CONTROLS FOR 0 METER READING,TURN LEFT CALIBRATION NO.6 BACK TO 0 OR 100,TURN LEFT/RIGHT SWITCH TO RIGHT 0-50 AND READ,ADJUST RIGHT COMPENSATOR CONTROLS FOR 0 METER READING,TURN RIGHT CALIBRATION NO.6 BACK TO 0 OR 100,GET AND ASIDE TOOL,LOOSEN AND TIGHTEN LIGHT,GET LIGHT, ASIDE LIGHT,TURN COMPENSATOR TO OUT;ATTACH KNOWN WEIGHT TO KNOWN ANGLE ON LEFT END,START MACHINE,TURN LEFT/RIGHT SWITCH TO LEFT AND NOTE ANGLE,ADJUST TUNING CONTROL;TURN LEFT/ RIGHT SWITCH TO RIGHT,ADJUST R-0 TO OBTAIN LOWEST READING,TURN R-1 TO NEXT POSITION, ADJUST R-0 TO OBTAIN LOWEST READING,TURN R-N TO OTHER POSITION,ADJUST R-0 TO OBTAIN LOWEST READING,STOP MACHINE,REMOVE KNOWN WEIGHT,PLACE WEIGHT ON RIGHT END,START MACHINE,TURN LEFT/ RIGHT SWITCH TO RIGHT,ADJUST R-0 TO OBTAIN LOWEST READING,TURN R-1 TO NEXT POSITION ADJUST R-0 TO OBTAIN LOWEST READING,TURN R-N TO OTHER POSITION,ADJUST R-0 TO OBTAIN LOWEST READING,ADJUST R-100 FOR REQUIRED READING,STOP MACHINE,POSITION UNIT,PLACE KNOWN WEIGHT ON LEFT END,START MACHINE,TURN LEFT/RIGHT SWITCH TO LEFT,ADJUST L-100 FOR REQUIRED READING, ADJUST ANGLE REVERSING SWITCHES,READ ANGLE, ADJUST L-1,TURN LEFT/RIGHT SWITCH TO RIGHT AND READ ANGLE,ADJUST R-1,STOP MACHINE,POSITION UNIT,REMOVE 4 EACH WAX AND WEIGHTS ENDS-WITH CALIBRATION COMPLETE CONDITIONS-APPLICABLE TO BEAR MODEL 40082 BALANCER-DOES NOT INCLUDE SET UP TO CALIBRATE-USE 710 SIT8S01
NAA	710	MAA	CPN8A01	SIT8C04	1830	BALANCER(GISHOLT MODEL 34V9107),CALIBRATE STARTS-WITH GET CHART INCLUDES-ALL MOTIONS NECESSARY TO GET AND ASIDE CHART,CHECK CHART FOR RIGHT APPLICATION, CHECK CHART FOR DIAL SETTING(7 EACH),SET 7 DIALS,CHECK CHART FOR SWITCH SETTINGS(6 EACH). SET 6 SWITCHES ENDS-WITH SWITCHES SET CONDITION-APPLICABLE TO GISHOLT MODEL 34V9107 BALANCER

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	710	NAA	CPN8A03	SITBC05	3270	BALANCER(AUTOMATIC CYCLE GISHOLT MODEL S), CALIBRATE STARTS-WITH PLACE WEIGHT ON BALANCER INCLUDES-ALL MOTIONS NECESSARY TO PLACE WEIGHT ON RIGHT END,TURN CYCLE TIMER TO AUTOMATIC, PUSH CYCLE START BUTTON,TURN CYCLE TIMER TO OFF,ADJUST LEFT SEPARATION DIAL NO.4 FOR 0 ON AMOUNT METER,TURN CYCLE TIMER TO AUTOMATIC, TURN CYCLE TIMER TO OFF,REMOVE WEIGHT FROM RIGHT END,PLACE WEIGHT ON LEFT END AT 90 DEGREES,PUSH CYCLE START BUTTON,ADJUST RIGHT SEPARATION DIAL NO.5 FOR 0 ON AMOUNT METER, TURN CYCLE TIMER TO AUTOMATIC,ALLOW TO CYCLE AND STOP,PUSH CYCLE START BUTTON,TURN CYCLE TIMER TO OFF,ADJUST LEFT CALIBRATION DIAL FOR AMOUNT AND ANGLE,CHECK FILTER DIAL SETTING, ADJUST PHASE SHIFTER FOR ANGLE,REMOVE WEIGHT, PLACE WEIGHT ON RIGHT END AT 90 DEGREES,PUSH CYCLE START BUTTON,TURN CYCLE TIMER TO AUTO-MATIC,TURN CYCLE TIMER TO OFF,ADJUST RIGHT CALIBRATION DIAL FOR AMOUNT AND ANGLE,CHECK FILTER DIAL SETTING,ADJUST PHASE SHIFTER FOR ANGLE,REMOVE WEIGHT,TURN CYCLE TIMER TO AUTO-MATIC ENDS-WITH CALIBRATION COMPLETE CONDITION-APPLICABLE TO GISHOLT MODEL S BALANCER-DOES NOT INCLUDE SET UP TO CALIBRATE-USE 710 SITBS01
NAA	710	NAA	CPNBJ01	SITBS01	14420	BALANCER,SET UP,GISHOLT MODELS 34V9107,S,UJP AND BEAR 40082 STARTS-WITH REACH TO BELT FOR CHANGE-OVER INCLUDES-ALL THE MOTIONS REQUIRED TO MOVE BELT ASIDE,REMOVE SCREW,REMOVE PULLEY WHEEL,INSTALL PULLEY WHEEL,INSTALL SCREW,REPLACE BELT ON PULLEY,GET AND ASIDE TOOL,LOOSEN CARRIAGE SCREWS(4 EACH),POSITION CARRIAGES(2 EACH); REMOVE BEARING HOLDER SCREW,REMOVE BEARING HOLDER,REMOVE SCREWS HOLDING BEARING,REMOVE BEARING,FIND NEW HOLDER,INSTALL NEW HOLDER, INSTALL SCREWS,FIND NEW BEARING,INSTALL NEW BEARING,INSTALL SCREWS,FINAL ALIGN CARRIAGES, GET AND ASIDE TOOL,TIGHTEN CARRIAGE SCREWS (4 EACH),GREASE BEARINGS,STAND ON AND OFF, GET FITTINGS FROM CABINET,SEPARATE FITTING, ASSEMBLE FITTING,ASIDE FITTING,EXAMINE WHEEL FOR MARK,MARK WHEEL,INSTALL FITTING,INSTALL SPACER AND NUT,REMOVE SPACER AND NUT,REMOVE FITTING ENDS-WITH BALANCER SET UP CONDITION-APPLICABLE TO GISHOLT MODELS 34V9107,S,UJP,AND BEAR 40082-DOES NOT INCLUDE WALKING TO GET FITTING FROM STORAGE AND RETURN
NAA	710	NAA	AIR8R0A	SITBT01	10700	BATTERIES,TEST AND REPLACE STARTS-WITH GET TESTER INCLUDES-ALL MOTIONS NECESSARY TO SET UP AND ASIDE TESTER,READ TEST DATA,TEST BATTERIES, REMOVE AND INSTALL BATTERIES ENDS-WITH BATTERIES INSTALLED CONDITION-ELEMENT REPRESENTS TESTING AN AVERAGE OF THREE BATTERIES AT A TIME
NAA	710	NAA	SIRCA06	SITCA01	1364	CLEARANCE(DIAL INDICATOR),ADJUST STARTS-WITH REACH TO GET INDICATOR INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP INDICATOR,POSITION ON UNIT,SECURE WITH TWO SCREWS,ZERO INDICATOR,POSITION UNIT,NOTE READ-ING,REMOVE INDICATOR FROM UNIT,LOOSEN SCREW AND ADJUST CLEARANCE,TIGHTEN SCREW,RECHECK, ASIDE DIAL INDICATOR ENDS-WITH ASIDE DIAL INDICATOR

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	710	MAA	SIRCT01	SITCT01	1636	COMPONENT,TEST IN VACUUM CHAMBER STARTS-WITH REACH TO CHAMBER DOOR INCLUDES-ALL THE MOTIONS NECESSARY TO OPEN VACUUM CHAMBER DOOR,GET AND PLACE COMPONENT INSIDE,OPEN VALVE,READ VACUUM,OBSERVE COMPONENT,OPEN AND CLOSE VALVE,OPEN DOOR, REMOVE COMPONENT AND ASIDE,CLOSE CHAMBER DOOR ENDS-WITH CLOSE VACUUM CHAMBER DOOR CONDITIONS-DOES NOT INCLUDE TIME TO PUMP DOWN VACUUM
NAA	710	MAA	SIRCA05	SITGA01	4180	GEAR MESH,ADJUST STARTS-WITH REACH TO GET TWEEZERS INCLUDES-ALL THE MOTIONS NECESSARY TO GET TWEEZERS,GRASP GEAR MESHING GEAR,FEEL END-PLAY AND HOLD GEAR,LOOSEN SET SCREWS(TWO),ADJUST ECCENTRIC OR BUSHING,TIGHTEN SET SCREWS,ASIDE TOOL(S) ENDS-WITH ASIDE TOOLS
NAA	710	MAA	JCAMA0A	SITMA01	29620	METER,ADJUST STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE THREE SCREWS OR NUTS,ASIDE TOOL, REMOVE METER FROM HOUSING,REMOVE SCREWS AND GLASS FROM FACE,POSITIONS METER,EXAMINE POINTER AND ADJUST BALANCE WEIGHTS FOR ZERO INDICATION,REPLACE GLASS,POSITION METER IN HOUSING,REPLACE THREE SCREWS,ASIDE TOOL AND UNIT ENDS-WITH UNIT ASIDE
NAA	710	MAA	SIRCA04	SITPA01	3700	PIVOTS(JEWEL),ADJUST STARTS-WITH REACH TO GET TWEEZERS INCLUDES-ALL THE MOTIONS NECESSARY TO GET TWEEZERS,GRASP OBJECT WITH TWEEZERS,CHECK END PLAY,ASIDE TWEEZERS,GET TOOL AND LOOSEN SET SCREW(TWO),ADJUST PIVOT JEWEL,TIGHTEN SET SCREW,ASIDE TOOL ENDS-WITH ASIDE TOOL
FFE	710	MAA	DIGGME5	SITPT01	1202	PLAY,TEST WITH SHEFIELD END PLAY TESTER STARTS-WITH REACH TO PART INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND INSTALL PART BETWEEN TWO CENTERS IN TESTER, TURN ON TESTER,GAUGE PART,TURN OFF TESTER, REMOVE PART ENDS-WITH REMOVE PART AND ASIDE CONDITIONS-INCLUDE FOUR-THREE SECOND TEST TIMES
NAA	710	MAA	AIARA01	SITR901	24780	ROTOR,BALANCE(STATIC) STARTS-WITH REACH TO GET ROTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET ROTOR,GET BOX OF BALANCE WEIGHTS,GET SCREW-DRIVER,REMOVE PIVOT BEARING COVER AND POSITION ROTOR ON FIXTURE,VIBRATE FIXTURE BY HAMMER ACTION,NOTE POINT OF IMBALANCE,ADJUST BALANCE WEIGHTS,REMOVE COUNTER WEIGHTS,SELECT AND IN-STALL CORRECT COUNTER WEIGHTS,DISENGAGE FIX-TURE PIVOTS,REMOVE BEARING FROM PIVOTS,INSTALL BEARINGS BACK IN FIXTURE,PUSH FIXTURE ASIDE AND COVER PIVOT BEARINGS,ASIDE ROTOR,WEIGHTS, TOOLS ENDS-WITH PIVOT BEARINGS COVERED CONDITIONS-DOES NOT INCLUDE FILING OR SAWING BALANCE WEIGHTS OR BALANCING ROTOR IN GIMBAL-COUNTERWEIGHTS SECURED WITH TWO SCREWS-WALK FIVE PACES TO BALANCE FIXTURE AND RETURN

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	710	NAA	JCARTTX	SITRTXX	VARIABLE	RESISTANCE,TEST STARTS-WITH REACH TO OPEN CABINET,GET DECADE INCLUDES-ALL THE MOTIONS NECESSARY TO GET DECADE,PICK UP LEADS,POSITION DECADE AND METER AND LOOSEN BINDING POST,ATTACH LEADS TO BINDING POST AND TIGHTEN,POSITION LEADS TO TEST INSTRUMENT,TURN TEST INSTRUMENT SELECTOR TO OHMS,VERIFY DECADE AT ZERO,TURN SELECTOR TO PROPER RANGE,ADJUST ZERO CONTROL,THROW DECADE SWITCH,RETURN DECADE TO ZERO,REMOVE LEADS FROM TEST INSTRUMENT,LOOSEN BINDING POST,REMOVE TEST LEADS,TIGHTEN BINDING POST,RETURN DECADE TO STORAGE,ASIDE TEST LEADS ENDS-WITH ASIDE TEST LEADS CONDITIONS-DOES NOT INCLUDE WALKING TO GET AND RETURN EQUIPMENT-READ TO THREE PERCENT ACCURACY
					3930	CASE 01 FIRST OR SINGLE RANGE
					990	02 EACH ADDITIONAL RANGE
FFE	710	NAA	OIGGMG2	SITSG01	186	SPACING(SHAFT END),GAUGE WITH GO,NO-GO GAUGE STARTS-WITH A REACH TO SHAFT INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE SHAFT AND WASHER ASSEMBLY TO WORK,GET GO NO-GO GAUGE,POSITION GAUGE ON SHAFT(TWO POINTS),INSPECT GAUGE FOR GO NO-GO,ASIDE GAUGE AND ASSEMBLY AND SHAFT ENDS-WITH ASIDE ASSEMBLY AND SHAFT
FFE	710	NAA	OIGGMG3	SITSG02	350	SPACING(GAP),GAUGE WITH GO NO-GO GAUGE STARTS-WITH REACH TO GET ROTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE ROTOR TO WORK,GET AND POSITION GAUGE IN SLOT(FOUR TIMES),INSPECT,ASIDE GAUGE,ASIDE ROTOR ASSEMBLY ENDS-WITH ASIDE ASSEMBLY CONDITIONS-ASSEMBLY WEIGHS 2-1/2 TO 10 POUNDS
FFE	710	NAA	OIGGMM1	SITSG03	1087	SPACE(END),GAUGE WITH DEPTH MICROMETER,ADJUST STARTS-WITH REACH TO MICROMETER INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE MICROMETER AND PART TO WORK,MOVE GAUGE AND PART TO EYE LEVEL,POSITION GAUGE TO PART, USE AND READ MICROMETER,TURN PART OVER AND POSITION UNDER PRESS,GET AND MOVE PRESS HANDLE UP AND DOWN,INSPECT PART VISUALLY,ASIDE PART ENDS-WITH ASIDE PART CONDITIONS-SPECIAL DEPTH MICROMETER WITH PRESS IN FIXTURE IS USED-CHECK 3 TIMES OR 3 POINTS PER PART

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	710	MAA	CPNBI01	SITUC01	6130	UNIT,CHECK BALANCE,GISHOLT MODELS 34V9107,S, UJP AND BEAR 40082 STARTS-WITH INSTALL UNIT INCLUDES-ALL MOTIONS NECESSARY TO INSTALL THE UNIT,INSTALL BELT,ASIDE BELT,REMOVE UNIT,SET SCALE SWITCH,SET ANGLE AMOUNT TO AMOUNT,START MACHINE,SET LEFT/RIGHT SWITCH TO RIGHT AND READ,SET LEFT/RIGHT SWITCH TO LEFT AND READ, CHANGE SCALE SWITCH,SET LEFT/RIGHT SWITCH TO RIGHT AND READ,SET LEFT/RIGHT SWITCH TO LEFT AND READ,STOP MACHINE,SET ANGLE AMOUNT SWITCH TO ANGLE,POSITION LIGHT,START MACHINE,LEFT/RIGHT SWITCH TO RIGHT AND READ ANGLE,LEFT/RIGHT SWITCH TO LEFT AND READ ANGLE,STOP MACHINE,INSTALL WAX,LEFT AND RIGHT ENDS;REMOVE WAX,LEFT AND RIGHT ENDS;SET ANGLE AMOUNT TO AMOUNT,START MACHINE,SET LEFT/RIGHT SWITCH TO RIGHT AND READ,SET LEFT/RIGHT SWITCH TO LEFT AND READ,SET ANGLE AMOUNT SWITCH TO ANGLE, LEFT/RIGHT SWITCH TO RIGHT AND READ ANGLE, LEFT/RIGHT SWITCH TO LEFT AND READ ANGLE,STOP MACHINE,ASIDE LIGHT,ANGLE AMOUNT SWITCH TO OFF,GREASE BEARINGS,CLEAN SHAFT ENDS-WITH BALANCE CHECKED CONDITION-APPLICABLE TO GISHOLT MODELS 34V9107,S,UJP AND BEAR 40082-DOES NOT INCLUDE WALK TO GET UNIT AND RETURN-UNIT NOT OVER 25 POUNDS
NAA	710	MAA	CPNBI02	SITUC02	4160	UNIT,CHECK BALANCE,MICRO-NAMIC MODEL EV-2 STARTS-WITH INSTALL UNIT INCLUDES-ALL MOTIONS NECESSARY TO INSTALL UNIT,TIGHTEN THUMBSCREWS,LOOSEN THUMBSCREWS, REMOVE UNIT,TURN MACHINE ON AND OFF,TURN RANGE SWITCH TO 1,DEPRESS TACHOMETER CALIBRATION SWITCH,ADJUST TACHOMETER CALIBRATION KNOB, START ROTOR,ADJUST SPEED FILTER,LEFT/RIGHT SWITCH TO RIGHT,SWITCH TO EV AND READ,SWITCH TO ER AND ADJUST,SWITCH TO EV AND ER,ADJUST RIGHT ANGULAR LOCATING DIAL FOR NULL,ADJUST SENSITIVITY CONTROL,LEFT/RIGHT SWITCH TO LEFT, SWITCH TO EV AND READ,SWITCH TO ER AND ADJUST, SWITCH TO EV AND ER,ADJUST LEFT ANGULAR LOCATING DIAL FOR NULL,ADJUST SENSITIVITY CONTROL,RANGE SWITCH TO 2,STOP ROTOR,AND CLEAN SHAFT ENDS-WITH BALANCE CHECKED CONDITION-APPLICABLE TO MICRO-NAMIC MODEL EV-2 DOES NOT INCLUDE WALK TO GET AND RETURN UNIT
FFE	710	MUA	KPMEGCA	KITGC01	14725	GAUGE(PRESSURE),CALIBRATE AND ADJUST STARTS-WITH REACH TO TOOLS INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE AND REPLACE BEZEL,LENS,POINTER AND DIAL,OPEN AND CLOSE PRESSURE REGULATOR VALVE,PUMP HYDRAULIC HAND PUMP,ADJUST SPAN LOCK SLIDE ENDS-WITH TOOLS ASIDE AFTER BEZEL REPLACED CONDITIONS-GAUGE WEIGHS UP TO 40 POUNDS
NAA	710	MAA	AIATNXX	SNFTIXX	VARIABLE	TAPE(TEFLON),INSTALL TO INSTRUMENT SEAM STARTS-WITH REACH TO GET TAPE(ON ROLL) INCLUDES-ALL THE MOTIONS NECESSARY TO GET ROLL OF TAPE,UNROLL ONE FOOT OF TAPE,PRESS END TO SURFACE,PULL TAUT,GUIDE TAPE WITH LEFT HAND ON TO SEAM,REPOSITION INSTRUMENT(TURN 360 DEGREES AS TAPE IS APPLIED),CUT TAPE,SMOOTH DOWN,TURN INSTRUMENT AND SMOOTH TAPE,INSPECT TAPE ALIGNMENT,ASIDE TAPE ROLL ENDS-WITH INSPECT ALIGNMENT OF TAPE CONDITIONS-ADHESIVE BACKED TEFLON TAPE-APPLY TO SYMMETRICAL SEAM-TAPE TO 1/2 INCH WIDE 8570 CASE 01 APPLY FIRST OR SINGLE FOOT 2240 02 APPLY EACH ADDITIONAL FOOT

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	710	MAA	DIGCG04	SDHCR01	351	COVERS(GYRO-OUTER),REMOVE STARTS-WITH REACH TO GET GYRO INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION GYRO AT WORK AREA,GRASP COVER AND SLIDE OFF GYRO,ASIDE,GET AND TURN GYRO 180 DEGREES,GRASP SECOND COVER AND SLIDE OFF,ASIDE COVER(SECOND),ASIDE GYRO ENDS-WITH ASIDE GYRO CONDITIONS GYRO WEIGHS 10 POUNDS-40 TO 50 POUNDS RESISTANCE TO SLIDE COVER OFF
NAA	72X	MAA	SLRCC48	SCLCC01	1734	CONTACTS,CLEAN WITH BRUSH STARTS-WITH TURN POWER OFF INCLUDES-ALL THE MOTIONS NECESSARY TO TURN POWER OFF,UNPLUG POWER CORD,OBTAIN CLEANER, OBTAIN BRUSH,REMOVE BOTTLE CAP,CLEAN CONTACTS, ASIDE BRUSH,ASIDE CLEANER,PLUG IN POWER CORD, TURN ON POWER,REPLACE BOTTLE CAP ENDS-WITH POWER ON
NAA	72X	MAA	SLRCC4A	SCLSCXX	VARIABLE	SWITCH(ROTARY),CLEAN WITH SPRAY STARTS-WITH TURN POWER OFF INCLUDES-ALL THE MOTIONS NECESSARY TO TURN POWER OFF,UNPLUG POWER CORD,OBTAIN CLEANER, OPEN CLEANER COVER,SPRAY CLEANER ON SWITCH OR CONTROL,CLOSE CLEANER COVER,ASIDE CLEANER, ROTATE CONTROL OR SWITCH,PLUG IN POWER CORD, TURN ON POWER ENDS-WITH TURN ON POWER
					1834	CASE 01 CLEAN FIRST OR SINGLE ROTARY SWITCH OR CONTROL
					780	02 CLEAN EACH ADDITIONAL ROTARY SWITCH
FFE	72X	MAA	GTLSKA3	SCLSF01	456	SOLDERING IRON,FILE TIP SMOOTH STARTS-WITH REACH TO GET FILE INCLUDES-ALL THE MOTIONS NECESSARY TO GET FILE AND POSITION ON TIP,FILE EACH SIDE OF TIP, ASIDE FILE ENDS-WITH ASIDE FILE
NAA	72X	MAA	SLRCWXX	SCLSRXX	VARIABLE	SOLDER,REMOVE STARTS-WITH REACH TO SUCKER INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION MECHANICAL SUCKER,COCK VALVE,GET AND POSITION SOLDERING IRON TO PIN,HEAT PIN OR TERMINAL,ACTUATE SUCKER VALVE,ASIDE SUCKER AND IRON ENDS-WITH ASIDE SUCKER AND IRON
					683	CASE 01 REMOVE SOLDER FROM FIRST OR SINGLE PIN
					500	02 REMOVE SOLDER FROM EACH ADDITIONAL PIN
FFE	72X	MUA	GCLCEA4	SCLSR03	452	SOLDER,REMOVE FROM COMPONENT-PER POINT STARTS-WITH REACH TO SOLDERING IRON INCLUDES-MOTIONS TO OBTAIN SOLDER IRON AND BRAID,DIP BRAID IN ROSIN,PLACE BOTH TO CONNECTION,MELT AND PICK UP SOLDER ENDS-WITH BRAID ASIDE CONDITIONS-PLACE AND REMOVE BRAID AND IRON FROM POINT FOUR TIMES TO CLEAN POINT INCLUDED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	72X	MUA	GCLCEAX	SCLTCXX	VARIABLE	TERMINAL,CLEAN FIRST OR SINGLE PIN/POST/EYELET WITH SOLDERING IRON AND VACUUM(SOLDER SUCKER) STARTS-WITH GET VACUUM CLEANER AND SOLDERING IRON(CASE 01)OR PLACING IRON CLEANER AT TERMINAL(CASE 02) INCLUDES-MOTIONS NECESSARY TO GET AND ASIDE TOOL,MELT AND VACUUM SOLDER OR TO CLEAN EACH ADDITIONAL TERMINAL ENDS-WITH TOOL ASIDE(CASE 01) OR ACTUATING BUTTON ON VACUUM CLEANER(CASE 02) CONDITIONS-EYELET TERMINAL ON PRINTED CIRCUIT BOARD,37 TO 50 WATT IRON-NO HEATING TIME FOR IRON INCLUDED
					222	CASE 01 CLEAN FIRST OR SINGLE TERMINAL
					121	02 CLEAN EACH ADDITIONAL TERMINAL
FFE	72X	MUA	GCLCEA1	SCLTC03	994	TERMINAL(ELECTRICAL/EYELET),CLEAN STARTS-WITH REACH TO GET TOOLS INCLUDES-MOTIONS NECESSARY TO CLEAN TERMINAL OR EYELET WITH 100 WATT IRON AND PROBE ENDS-WITH ASIDE TOOLS
FFH	72X	MAA	KCPTEXX	MCPCLXX	VARIABLE	CLAMP(ELECTRON TUBE),LOOSEN AND TIGHTEN STARTS-WITH REACH TO COMPONENT OR TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO INSTALL OR TIGHTEN OR LOOSEN OR REMOVE VARIOUS TYPES OF ELECTRON TUBE CLAMPS ENDS-WITH INDICATED ACTION COMPLETED
					131	CASE 01 INSTALL SQUEEZE TYPE CLAMP-ENDS WITH CLAMP ASIDE
					80	02 REMOVE SQUEEZE TYPE CLAMP-ENDS WITH CLAMP ASIDE
					124	03 TIGHTEN LATCH TYPE CLAMP-ENDS WITH CLAMP TIGHTENED
					38	04 LOOSEN LATCH TYPE CLAMP-ENDS WITH CLAMP LOOSENED
					377	05 TIGHTEN SPRING LOADED SCREW TYPE CLAMP-ENDS WITH CLAMP TIGHTENED
					389	06 LOOSEN SPRING LOADED SCREW TYPE CLAMP-ENDS WITH CLAMP LOOSENED
					440	07 TIGHTEN BOLT/SCREW TYPE CLAMP-ENDS WITH TOOL ASIDE-RUN DOWN FIVE THREADS
					452	08 LOOSEN BOLT/SCREW TYPE CLAMP-ENDS WITH TOOL ASIDE-RUN OUT FIVE THREADS
FFH	72X	MAA	KCPCBXX	SCPCIXX	VARIABLE	CLAMP(CABLE),INSTALL WITH LOCKNUT,SCREW/BOLT AND WASHER STARTS-WITH REACH TO GET CLAMP INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND INSTALL CLAMP ON CABLE AND INSTALL FASTENER AND SECURE TO CHASSIS ENDS-WITH HAND ON TOOL IN ASIDE POSITION CONDITIONS-CABLES 1/8 INCH TO 1 1/4 INCH DIAMETER METAL OR PLASTIC CLAMP-SCREW DRIVER AND BACK UP WRENCH REQUIRED
					1301	CASE 01 NORMAL ACCESS-C SHAPE CLAMP-SCREW DRIVER AND BACK UP WRENCH
					1421	02 DIFFICULT OR OBSTRUCTED ACCESS-C SHAPE CLAMP
					1372	03 NYLON OR OTHER RING CABLE CLAMP
					1334	04 RING CLAMP,CABLE CLAMP,ADJUSTABLE LUG OR MOUNTING STRAP-1/8 INCH TO 1 1/4 INCH DIAMETER-NORMAL ACCESS
					1438	05 RING CLAMP,CABLE CLAMP,ADJUSTABLE LUG OR MOUNTING STRAP-1/8 INCH TO 1 1/4 INCH DIAMETER-DIFFICULT OR OBSTRUCTED ACCESS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KCPC8XX	SCPCRXX	VARIABLE	CLAMP(CABLE),REPLACE WITH LOCKNUT,BOLT/SCREW AND WASHER STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE A CLAMP FROM THE CABLE AND RE-INSTALL CLAMP ENDS-WITH TOOLS ASIDE
					2369	CASE 01 C SHAPE CABLE CLAMP-1/8 TO 1 1/4 INCH DIAMETER,METAL OR PLASTIC-NORMAL ACCESS
					2489	02 C SHAPE CABLE CLAMP-1/8 TO 1 1/4 INCH DIAMETER-METAL OR PLASTIC-DIFFICULT OR OBSTRUCTED ACCESS
					2447	03 RING SHAPE CABLE CLAMP-1/8 TO 1 1/4 INCH CABLE DIAMETER-CABLE CLAMP, ADJUSTABLE LUG OR MOUNTING STRAP, METAL OR PLASTIC-NORMAL ACCESS
					2551	04 RING SHAPE CABLE CLAMP-1/8 TO 1 1/4 INCH DIAMETER CABLE-CABLE CLAMP, ADJUSTABLE LUG OR MOUNTING STRAP-METAL OR PLASTIC-DIFFICULT OR OBSTRUCTED ACCESS
FFH	72X	MAA	KERAHRD	SCPCR05	6400	CLAMPS,REPLACE STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET ALLEN WRENCH,REMOVE SCREWS,REMOVE CLAMPS,UNPACK NEW CLAMPS(TEAR BAG OPEN),UNWRAP CLAMPS, MULTI-ALIGN CLAMPS TO SUB-ASSEMBLY,INSTALL WASHERS ON SCREWS AND INSTALL CLAMP(5 TO 10 TURNS),REPOSITION SUB-ASSEMBLY/END ITEM(TO 40 POUNDS)TWO TIMES ENDS-WITH ASIDE TOOL CONDITIONS-CLAMP WEIGHS TO 2.5 POUNDS,MOTOR, SYNCHO GENERATOR OR RESOLVER CLAMP WITH ONE SCREW PER CLAMP(HEX HEAD MACHINE SCREWS 1/4 INCH DIAMETER)-INSTALL FOUR CLAMPS
FFH	72X	MAA	KCPC8XX	SCPCUXX	VARIABLE	CLAMP(CABLE),UNBOLT LOCKNUT,BOLT/SCREW AND WASHER STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL,REMOVE NUT,WASHER,GET AND ASIDE CLAMP ENDS-WITH CLAMP ASIDE
					1068	CASE 01 C SHAPE CLAMP-UNSCREW NUT 5-10 THREADS
					1113	02 PLASTIC RING CLAMP-UNSCREW NUT 5-10 THREADS
AF	72X	MAB	MDL-1L	MDAAR01	114	ASSEMBLY(TERMINAL),REMOVE FROM CONNECTOR STARTS-WITH HAND IN POSITION NEAR ASSEMBLY INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP NOSE ASSEMBLY,JOGGLE AND DISENGAGE NOSE ASSEMBLY FROM CONNECTOR ENDS-WITH PART ASIDE
AE	72X	MAW	STEEAXX	MDACDXX	VARIABLE	CONNECTOR,DISCONNECT AND CONNECT STARTS-WTIH HAND ON CONNECTOR INCLUDES-ALL MOTIONS NECESSARY TO MOVE CONNECTOR TO RECEPTACLE,INSERT,SECURE(IF NECESSARY),UNSECURE,AND REMOVE CONNECTOR ENDS-WITH CONNECTOR IN HAND
					54	CASE 01 TWIST-LOCK CONNECTOR(NOMINAL PRESSURE)
					44	02 TELEPHONE TYPE PLUG
					188	03 SCREW LOCK CONNECTOR(THUMB SCREW), WRIST TURNS USED
					175	04 PLUG WITH THREADED RETAINING SLEEVE FOUR THREADS,WRIST TURNS USED
					40	05 TEST LEAD TERMINATED BY STRAIGHT PRONE
					99	06 TEST LEAD TERMINATED BY SPADE LUG (INCLUDES LOOSEN BINDING POST THUMB SCREW BEFORE INSTALLING LUGS)

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FFD	72X	MAA	KERCCAI	SDACA01	6046	CABLE(COAXIAL),ASSEMBLE AND INSTALL TO PANEL MOUNTED TYPE RECEPTACLE STARTS-WITH REACH TO GET CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET CABLE,GET,CUT AND INSTALL INSULATION (SPAGHETTI)ON CABLE,PLACE END BELL ON CABLE, SOLDER TO SHIELD,PLACE RECEPTACLE TO END BELL, CUT WIRE LEAD TO LENGTH,PLACE PIN TERMINAL ON WIRE END AND SOLDER,INSPECT FINAL ASSEMBLY ENDS-WITH INSPECT ASSEMBLY CONDITIONS-COAXIAL CABLE WITH DIAMETER LESS THAN OR EQUAL TO 1/2 INCH AND GREATER THAN 1/4 INCH-DOES NOT INCLUDE INSTALLATION TO A SET/UNIT
FFD	72X	MAA	KERCCAD	SDACC01	485	CABLE(COAXIAL),CONNECT ONE END TO THREADED FITTING STARTS-WITH REACH TO CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET, INSPECT CABLE,PLACE CABLE END ON FITTING, TURN DOWN NUT,TIGHTEN NUT ENDS-WITH FINAL TIGHTEN OF NUT ON FITTING CONDITIONS-APPLIES TO THREADED COAXIAL CABLE FITTING UP TO ONE INCH DIAMETER-CABLE IS IN UNIT
FFH	72X	MAA	KERHMDA	SDACDXX	VARIABLE	CLIP OR SOCKET(MOUNTING-ELECTRONIC COMPONENT), DETACH(RIVETS) STARTS-WITH READ TECHNICAL ORDER INCLUDES-ALL THE MOTIONS NECESSARY TO READ THE T/O,LOCATE POINT ON CHASSIS,SET UP PORTABLE ELECTRIC DRILL,INSERT DRILL BIT IN DRILL, REMOVE RIVET BY DRILLING,DISASSEMBLE DRILL, ASIDE DRILL,ASIDE CLIP,GET,LIFT AND ASIDE END ITEM/SUB-ASSEMBLY,ASIDE RIVET(S) ENDS-WITH ASIDE RIVET AND CLIP CASE 01 CLIP OR SOCKET SECURED WITH ONE RIVET 2080 02 CLIP OR SOCKET SECURED WITH TWO RIVETS 2564
FFD	72X	MAA	KERCCDC	SDACD03	399	CABLE(COAXIAL),DISCONNECT/REMOVE FROM THREADED CONNECTOR/RECEPTACLE IN SET/UNIT STARTS-WITH REACH TO FITTING INCLUDES-ALL THE MOTIONS NECESSARY TO GET FITTING,LOOSEN KNURLED NUT,UNSCREW,REMOVE COAXIAL CABLE FROM FITTING ENDS-WITH ASIDE CABLE CONDITIONS-APPLIES TO THREADED COAXIAL CABLE FITTING/CONNECTOR UP TO ONE INCH DIAMETER

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	72X	AAA	SLRCRSX	SDACIXX	TABLE	COMPONENT,INSTALL AND REMOVE STARTS-WITH REACH TO GET TOOL(REMOVE) OR REACH TO GET PART(INSTALL) INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE FASTENERS,ASIDE FASTENERS AND TOOL, ASIDE COMPONENT,REACH TO GET REPLACEMENT OR SAME PART,POSITION FOR MOUNTING,GET TOOL AND SECURE FASTENERS,ASIDE TOOL ENDS-WITH ASIDE COMPONENT(REMOVE)OR ASIDE TOOL (INSTALL)

METHOD OF SECURING		COMPONENT REMOVE A	COMPONENT INSTALL B
PLUG IN-TWO CAPTIVE SCREWS-SIMPLE	A	1260	1600
TWO SCREWS WITH NUTS-INTERMEDIATE FREQUENCY CAN,BEARING RETAINERS OR SIMILAR-MODERATE	B	2070	2440
FOUR SCREWS AND NUTS-TRANSFORMER, RELAYS,CONNECTORS OR SIMILAR-MODERATE	C	3770	4380
ONE NUT AND WASHER-FUSEHOLDER,JACK, TEST POINT OR SIMILAR	D	730	930

NAA	72X	AAA	SLRNC03	SDACI01	3480	COMPONENT,INSTALL WITH SOLDER STARTS-WITH REACH TO GET COMPONENT INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION THE COMPONENT,INSTALL TWO SCREWS, STRIP TWO WIRES,TIN AND SOLDER IN PLACE,ASIDE SOLDERING IRON ENDS-WITH ASIDE SOLDERING IRON CONDITIONS-APPLIES TO COIL OR FILTER
NAA	72X	AAA	SLRCN01	SDACI02	7620	COMPONENT,INSTALL WITH SOLDER STARTS-WITH REACH TO GET COMPONENT INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP PART,VERIFY VALUE,POSITION PART TO CHECK FIT, CUT LEADS TO FIT,STRIP WIRE,CLEAN TERMINAL, INSTALL HEAT SINKS,SOLDER LEADS,REMOVE HEAT SINKS,FORM STRESS RELIEF,WICK OFF EXCESS SOLDER,ASIDE SOLDERING IRON ENDS-WITH ASIDE IRON CONDITIONS-APPLIES TO ALL TUBULAR TYPE RESISTORS OR CAPACITORS
AF	72X	AAA	MDL1-K7	SDACL01	569	CABLE,LUBRICATE AND INSERT IN PLUG STARTS-WITH REACH TO GET STICK INCLUDES-ALL THE MOTIONS NECESSARY TO DIP STICK IN LUBRICANT,GET LUBRICANT ON STICK AND DAB ON END OF CABLE,SPREAD,GET LUBRICANT ON STICK AND APPLY TO INSIDE OF SLEEVE,ASIDE STICK,GET CABLE,VISUAL ALIGN CABLE WITH PLUG, POSITION AND INSERT CABLE IN PLUG,POSITION IN PLUG,RELEASE CABLE ENDS-WITH ASIDE CABLE

DATA SOURCE	OCCUP= ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
MAA	72X	MAA	SLARRXX	SDACRXX	VARIABLE	CAPACITOR/RESISTOR,REPLACE STARTS-WITH REACH TO GET SOLDERING IRON INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION THE IRON TO FIRST LEAD,UNSOLDER,POSITION IRON AND UNSOLDER SECOND LEAD,REMOVE COMPONENT,PICK UP NEW COMPONENT AND VERIFY VALUE,POSITION COMPONENT,CUT LEADS TO FIT,SOLDER LEADS, INSTALL AND REMOVE HEAT SINKS,FORM STRESS RELIEF ENDS-WITH ASIDE PLIERS AND WIRE
					4040 7930	CASE 01 EASY ACCESS 02 MODERATE ACCESS
FFH	72X	MAA	KERETRA	SDACR03	4695	CAPACITOR(BUTTON TYPE),REPLACE(SOLDERED) STARTS-WITH REACH TO GET SOLDERING IRON INCLUDES-ALL THE MOTIONS NECESSARY TO GET SOLDERING IRON,UNSOLDER LEADS,REMOVE CAPACITOR FROM STUD,GET AN ENVELOPE,REMOVE AND UNWRAP NEW CAPACITOR,GET SOLDERING IRON AND SOLDER NEW CAPACITOR TO CHASSIS,REPOSITION END ITEM/SUB ASSEMBLY(TO 40 POUNDS)FOUR TIMES ENDS-WITH ASIDE SOLDERING IRON CONDITIONS-THREE TAB BUTTON CAPACITOR-REMOVAL/INSTALLATION OF WIRE NOT INCLUDED-TIME TO TIN IRON INCLUDED
MAA	72X	MAA	SLRCR04	SDACR04	6851	COMPONENT,REPLACE STARTS-WITH REACH TO OBTAIN TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND LOOSEN TWO SET SCREWS ON KNOB,REMOVE KNOB, GET SOLDERING IRON AND UNSOLDER LEADS AND ASIDE IRON,GET TOOL,REMOVE AND ASIDE NUT,WASHER AND COMPONENT,ASIDE TOOL,GET AND POSITION NEW COMPONENT FOR INSTALLATION,INSTALL NUT AND WASHER,TIGHTEN,ASIDE TOOL,STRIP THREE WIRES, TIN WIRES AND SOLDER IN PLACE,GET KNOB AND TOOL,POSITION KNOB ON SHAFT AND TIGHTEN SET SCREWS,ASIDE TOOL ENDS-WITH ASIDE TOOL CONDITIONS-APPLIES TO VARIABLE RESISTOR OR CAPACITOR
FFD	72X	MAA	KERCCRA	SDACR05	7648	CONNECTOR END,REPLACE ON COAXIAL CABLE STARTS-WITH REACH TO GET WRENCHES INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE CONNECTOR END FROM COAXIAL CABLE,CUT OPEN NEW PART BAG,REMOVE PART(CONNECTOR),UNSCREW COLLAR AND ALLOW PIN,WASHER AND PIN INSULATOR TO FALL ON WORKBENCH,INSTALL NEW CONNECTOR ON CABLE AFTER CUTTING ENDS-WITH ASIDE WRENCHES CONDITIONS-COAXIAL CABLE WITH DIAMETER LESS THAN OR EQUAL TO 1/2 INCH AND GREATER THAN 1/4 INCH
FFD	72X	MAA	KERCCDF	SDACR06	853	CONNECTOR END(THREADED),REMOVE FROM COAXIAL CABLE STARTS-WITH REACH TO GET TWO WRENCHES INCLUDES-ALL THE MOTIONS NECESSARY TO DISASSEMBLE CONNECTOR END AND REMOVE FROM CABLE ENDS-WITH ASIDE CABLE CONDITIONS-COAXIAL CABLE WITH DIAMETER LESS THAN OR EQUAL TO 1/2 INCH AND GREATER THAN 1/4 INCH-TWO OPEN END WRENCHES REQUIRED
FFH	72X	MAA	KERACRB	SDACR07	714	CAP(CONNECTOR-THREADED),REMOVE AND INSTALL STARTS-WITH REACH TO GET CONNECTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET CONNECTOR,PLIERS,LOOSEN AND REMOVE CAP,ASIDE CAP,GET CAP AND PLACE ON WIRE,SLIDE CAP TO CONNECTOR,POSITION,ENGAGE AND TIGHTEN ENDS-WITH ASIDE PLIERS

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FFH	72X	MUA	KERERXX	SDACSXX	VARIABLE	CIRCUIT(ELECTRON TUBE),SERVICE(MECHANICAL) STARTS-WITH REACH TO TUBE/SHIELD INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE TUBE SHIELD AND TUBE,REPLACE SOCKET/RECEPTACLE AND REMOVE/INSTALL WIRE TO POST TERMINAL, CLEAN,PLACE AXIAL LEADS TO PIN/POST TERMINAL, CLEAN SPOT WITH WET BRUSH AND AIR ENDS-WITH SHIELD SNAPPED ON-HAND ON SHIELD CONDITIONS-STANDARD OR MINIATURE TUBE CIRCUIT WITH AXIAL LEAD PARTS MOUNTED ON CIRCUIT BOARD-REPLACE OLD TUBE 90 PERCENT-REPLACE TUBE SOCKET 10 PERCENT-REPLACE WIRE TO POST TERMINAL 1.65 TIMES PER UNIT(NORMAL ACCESS)-REPLACE AXIAL LEADS TO PIN/POST TERMINALS,11 PERCENT PER PART(BOTH LEADS)-SOLDERING TIME INCLUDED-APPLIES TO AXIAL LEAD PARTS SUCH AS RESISTORS OR CAPACITORS-NO TROUBLE SHOOTING INCLUDED
					14270	CASE 01 TUBE CIRCUIT WITH THREE AXIAL LEAD PARTS
					15109	02 TUBE CIRCUIT WITH FOUR AXIAL LEAD PARTS
					15947	03 TUBE CIRCUIT WITH FIVE AXIAL LEAD PARTS
					16724	04 TUBE CIRCUIT WITH SIX AXIAL LEAD PARTS
					17562	05 TUBE CIRCUIT WITH SEVEN AXIAL LEAD PARTS
					18339	06 TUBE CIRCUIT WITH EIGHT AXIAL LEAD PARTS
					19177	07 TUBE CIRCUIT WITH NINE AXIAL LEAD PARTS
					20096	08 TUBE CIRCUIT WITH TEN AXIAL LEAD PARTS
FFH	72X	MAA	KERERXX	SDAERXX	VARIABLE	COMPONENT(ELECTRONIC),REPLACE STARTS-WITH REACH TO GET PORTABLE ELECTRIC DRILL INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND SET UP DRILL,DRILL RIVET HEADS OFF AND REMOVE RIVETS WITH DRILL AND HAMMER,DISASSEMBLE DRILL AND ASIDE,REPOSITION ITEM(UNIT),TWO TIMES,GET VISE,PLACE RIVET SET IN VISE,GET,SET RIVETS WITH HAMMER,INSPECT INSTALLATION ENDS-WITH ASIDE RIVET SET CONDITIONS-APPLIES TO PARTS INSTALLED WITH RIVETS SUCH AS CAPACITORS,CLIPS,ETC.-PART WEIGHS TO 2.5 POUNDS,END ITEM/SUB ASSEMBLY WEIGHS TO 40 POUNDS
					5102	CASE 01 SECURED WITH TWO RIVETS
					6986	02 SECURED WITH FOUR RIVETS
					8870	03 SECURED WITH SIX RIVETS
NAA	72X	MAA	SLRCR06	SDAFRXX	VARIABLE	FILTER OR COIL,REPLACE STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE TWO SCREWS,GET SOLDERING IRON AND UNSOLDER TWO LEADS,ASIDE IRON AND FILTER OR COIL,GET NEW FILTER OR COIL AND POSITION FOR INSTALLATION,GET TOOL AND INSTALL TWO SCREWS, STRIP TWO WIRES,TIN WIRES AND SOLDER LEADS IN POSITION,ASIDE SOLDERING IRON ENDS-WITH ASIDE SOLDERING IRON
					1550	CASE 01 REMOVE FILTER OR COIL
					3480	02 INSTALL FILTER OR COIL

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NAA	72X	MAA	JLRGNOX	SDAGIXX	VARIABLE	GROMMET,INSTALL,USING GUIDE WIRE AND ARBOR PRESS STARTS-WITH GET BOARD INCLUDES-ALL MOTIONS NECESSARY TO GET GUIDE WIRE AND GROMMET,ASSEMBLE GROMMET TO WIRE, MOVE TO ASSEMBLY POINT ON BOARD,SEAT GROMMET, REMOVE WIRE,PREPARE TO PRESS GROMMET,PRESS GROMMET WITH ARBOR PRESS,AND VISUALLY EXAMINE ASSEMBLY ENDS-WITH ASIDE BOARD CONDITIONS-NO WALKING TO GET PARTS OR EQUIP-MENT INCLUDED-INSTALLATION IS ON PRINTED CIRCUIT BOARD
					2056	CASE 01 FIRST OR SINGLE GROMMET
					1780	02 EACH ADDITIONAL GROMMET ON A BOARD
					638	03 ADD TO CASE 01 TO OPEN BENCH DRAWER, GET ENVELOPE,OPEN AND REMOVE GROMMETS
NAA	72X	MAA	SLRCR29	SDAHRXX	VARIABLE	HOLDER(FUSE),REPLACE STARTS-WITH REACH TO SOLDERING IRON INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION SOLDERING IRON TO FIRST LEAD, UNSOLDER,UNSOLDER SECOND LEAD,ASIDE IRON, REMOVE NUT,REMOVE FUSE HOLDER AND ASIDE, GET NEW HOLDER,UNWRAP,ASIDE WRAPPING,ASIDE HOLDER,GET HOLDER AND TOOL,REMOVE NUT,PLACE HOLDER IN HOLE,INSTALL NUT,TIN AND SOLDER LEADS(TWO),ASIDE SOLDERING IRON ENDS-WITH ASIDE SOLDERING IRON
					2400	CASE 01 REMOVE AND ASIDE HOLDER
					4100	02 OBTAIN AND INSTALL NEW HOLDER
FFD	72X	MAA	KERTJXX	SDAJRXX	VARIABLE	JACK/TEST POINT(PANEL MOUNTED),REPLACE STARTS-WITH LOCATE POINT INCLUDES-ALL THE MOTIONS NECESSARY TO REPLACE END OF WIRE LEAD TO EYELET TERMINAL,REMOVE SINGLE SCREW,REMOVE WASHER FROM SCREW,REMOVE SINGLE ALIGN PART FROM STUD,CUT OPEN PARTS BAG,REMOVE PART,UNWRAP,FIT TO STUD,INSTALL WASHER AND SCREW/BOLT(10-15 THREADS),REPOSI-TION END ITEM/SUB ASSEMBLY,INSPECT INSTALLA-TION ENDS-WITH INSPECT INSTALLATION CONDITIONS-END ITEM/SUB-ASSEMBLY TO 40 POUNDS-APPLIES TO PANEL MOUNTED TEST POINT OR JACK WITH BACK UP NUT AND FASTENED TO PANEL WITH NUT
					6170	CASE 01 REPLACE WITH NORMAL ACCESS
					8205	02 REPLACE WITH RESTRICTED/OBSTRUCTED ACCESS
NAA	72X	MAA	SLRCR31	SDALR01	920	LAMP(PILOT),REPLACE STARTS-WITH REACH TO LENS INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE LENS,ASIDE,REMOVE AND ASIDE LAMP,REACH AND GET NEW LAMP,POSITION,ALIGN AND INSTALL LAMP, GET LENS AND CAP,ALIGN LENS AND SCREW ON CAP ENDS-WITH LENS AND CAP IN PLACE CONDITIONS-BAYONET BASE LAMP

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KERMPXX	SDAMGXX	VARIABLE	MOUNT(SINGLE STUD),GET,PREPARE AND FIT TO CHASSIS STARTS-WITH REACH TO GET PART INCLUDES-ALL THE MOTIONS NECESSARY TO GET PART FROM WORKBENCH,REMOVE FASTENER AND WASHER, ADJUST BACK UP NUT WHEN REQUIRED,MOVE AND ORIENTATE PART TO CHASSIS,POSITION TO CHASSIS ENDS-WITH PART(MOUNT)IN POSITION ON CHASSIS CONDITIONS-APPLIES TO SWITCHES,POTENTIOMETERS, FUSES,HOLDERS,TEST POINTS,ETC.,NUTS FINGER TIGHT
					300	CASE 01 BACK UP NUT REQUIRED
					184	02 NO BACK UP NUT REQUIRED
					247	03 ADD WHEN TECHNICAL ORDER READ TO LOCATE POINTS ON CHASSIS
NAA	72X	MAA	SLRCR37	SDAMRXX	VARIABLE	METER,REPLACE STARTS-WITH REACH TO UNIT INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION UNIT FOR WORK,GET TOOL AND REMOVE FOUR FASTENERS SECURING METER,REMOVE METER, ASIDE TOOL,GET SOLDERING IRON,UNSOLDER TWO LEADS OR GET TOOL AND REMOVE TWO TERMINAL SCREWS,ASIDE IRON OR SCREWS AND TOOL,GET AND UNWRAP NEW METER,GET SOLDERING IRON,STRIP TWO LEADS,TIN LEADS,SOLDER LEADS TO TERMINAL OR INSTALL LEADS WITH TERMINAL SCREWS,ASIDE IRON OR TOOL,INSTALL METER,SECURE FOUR FASTENERS, ASIDE TOOL ENDS-WITH ASIDE SOLDERING IRON(CASE 01),ASIDE TOOL AND/OR SCREWS(CASE 02),ASIDE TOOL(CASES 03,04,05,06)
					4090	CASE 01 REMOVE METER-UNSOLDER TWO LEADS
					4740	02 REMOVE METER-REMOVE TWO TERMINAL SCREWS
					6200	03 INSTALL METER-UNPACK NEW METER-SOLDER TWO LEADS
					5330	04 INSTALL METER-UNPACK NEW METER-SECURE TWO LEADS WITH TERMINAL SCREWS
					10290	05 REPLACE METER-TWO SOLDERED LEADS-UNPACK NEW METER
					11530	06 REPLACE METER-TWO TERMINAL SCREWS-UNPACK NEW METER
FFH	72X	MAA	KERPLXX	SDAPAXX	VARIABLE	PLUG/CABLE(MOUNTED),DISASSEMBLE/ASSEMBLE STARTS-WITH REACH TO CABLE OR HARNESS INCLUDES-ALL THE MOTIONS NECESSARY TO DISASSEMBLE AND ASSEMBLE NEW PLUG TO CABLE OR HARNESS ENDS-WITH ASIDE TOOL/CABLE OR HARNESS CONDITIONS-AMPHENOL,CANNON OR MIC,MALE OR FEMALE,MOUNTED TO CABLE OR HARNESS,5/8 TO 1 3/4 INCH DIAMETER-INSTALLATION OF WIRES NOT INCLUDED-DOES NOT INCLUDE INSTALL AND REMOVE FROM VISE
					3858	CASE 01 PLUG WITH SPLIT END BELL-TWO SCREWS-APPLICABLE TO AMPHENOL PLUG AN31088-28-46 OR LIKE PLUG
					4098	02 PLUG WITH SPLIT END BELL-W SCREWS AND RUBBER GROMMET
					4067	03 PLUG WITH ONE PIECE THREADED END BELL WITH RUBBER GROMMET ON CABLE OR HARNESS
					4113	04 PLUG WITH SPLIT END BELL AND THREADED ASSEMBLY RING
					3810	05 PLUG WITH SPLIT END BELL AND NON-THREADED ASSEMBLY RING-ASSEMBLY RING TURNED 180 DEGREES TO LOCK/UNLOCK
					5004	06 PLUG WITH ONE PIECE END BELL AND THREADED ASSEMBLY RING
					3831	07 PLUG WITH ONE PIECE THREADED END BELL APPLICABLE TO CANNON PLUG 310BM-14-46 OR SIMILAR

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
MAA	72X	MAA	ACEAF15	SDAPDXX	VARIABLE	PLUG(ONE SOLDERED PIN),DISASSEMBLE AND ASSEMBLE STARTS-WITH A REACH TO OBJECT(PLUG) INCLUDES-ALL THE MOTIONS NECESSARY TO EXAMINE PLUG(CLOSE),REMOVE ONE NUT 10 TURNS BY HAND AND ASIDE,INSTALL PLUG IN VISE,CLEAN PIN AFTER SOLDERING,ASSEMBLE PLUG,INSTALL ADAPTER AND TIGHTEN PLATE SCREWS(1/4 INCH CAP AND WASHER WITH RATCHET WRENCH,EXTENSION AND SOCKET), REMOVE PLUG FROM VISE,ASIDE WRENCH ENDS-WITH ASIDE WRENCH AND PLUG CONDITIONS-TWO PLATE SCREWS-DOES NOT INCLUDE CONNECTING WIRES
					3460	CASE 01 NO ADAPTOR REQUIRED
					6440	02 ADAPTOR REQUIRED-SECURED WITH TWO PLATE SCREWS
FFH	72X	MAA	KERPLRG	SDAPD03	5105	PLUG,DISASSEMBLE AND ASSEMBLE STARTS-WITH REACH TO GET PLUG OR HARNESS INCLUDES-ALL THE MOTIONS NECESSARY TO GET PLUG AND REMOVE TWO SCREWS WITH SCREWDRIVER,UNSCREW END CLAMP RING NUT,UNSCREW END CLAMP,MOVE CLAMP AND RING ON HARNESS,UNSCREW COUPLING RING,MOVE WASHER,BELL AND INSULATOR ON HARNESS AND ASIDE BARREL AND THREADED COLLAR,REMOVE INSULATOR,BELL,WASHER,RING AND CLAMP FROM HARNESS AND ASIDE,GET NEW PLUG AND LOOSEN TWO SCREWS,CLAMP NUT AND UNSCREW COLLAR OR BELL, ASIDE CLAMP,NUT,END BELL AND INSULATOR,PLACE BARREL IN VISE,GET HARNESS,PLACE CLAMP ASSEMBLY ON HARNESS,ALIGN END BELL ON HARNESS,PLACE INSULATOR,WASHER AND COUPLING NUT ON HARNESS, REMOVE BARREL FROM VISE,MOVE WASHER,NUT AND INSULATOR DOWN HARNESS AND SEAT ON BARREL,MOVE END BELL DOWN HARNESS,SCREW COUPLING ON BARREL AND MOVE CLAMP ASSEMBLY DOWN HARNESS,TIGHTEN COUPLING ON END BELL,TIGHTEN CLAMP SCREWS AND ASIDE PLUG ENDS-WITH ASIDE PLUG CONDITIONS-REMOVAL AND INSTALLATION OF WIRES NOT INCLUDED
FFH	72X	MAA	KERPLRJ	SDAPD04	3712	PLUG(MULTI-PIN OR RIBBON-RECTANGULAR SHAPED), DISASSEMBLE AND ASSEMBLE(CABLE MOUNTED) STARTS-WITH REACH TO GET CABLE OR HARNESS INCLUDES-ALL THE MOTIONS NECESSARY TO GET PLUG AND REMOVE TWO SCREWS,REMOVE CLAMP,PULL TOP OFF PLUG,ASIDE PLUG,PUT PLUG IN VISE,PUSH BRACKET OUT WITH SCREWDRIVER,GET TOP OF PLUG AND ORIENT,PUSH INTO RECESS,ALIGN SCREW HOLES, INSTALL FIRST SCREW,ALIGN NEXT SCREW HOLE AND INSTALL SCREW,TIGHTEN CLAMP SCREWS, ENDS-WITH CABLE OR HARNESS ASIDE CONDITIONS-REMOVAL AND INSTALLATIONS OF WIRES NOT INCLUDED
FFH	72X	MAA	KEREPXX	SDAPEXX	VARIABLE	PART(PLUG IN),ENGAGE BY HAND STARTS-WITH READ TECHNICAL ORDER OR GET PART INCLUDES-ALL THE MOTIONS NECESSARY TO READ T/O AND FIND POINT ON CHASSIS.GET PLUG IN PART, ALIGN TO SOCKET AND SEAT AND RELEASE ENDS-WITH PART SEATED,AND RELEASED
					87	CASE 01 PLUG IN ONE PIN PART
					122	02 PLUG IN TWO PIN PART
					219	03 PLUG TUBE IN SOCKET(INCLUDES STRAIGHTEN TUBE PINS)
					247	04 ADD WHEN TECHNICAL ORDER IS READ TO LOCATE POINT(S)ON CHASSIS

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KEREMXX	SDAPFXX	VARIABLE	PART(SINGLE AND MULTI-ALIGN),FIT TO CHASSIS STARTS-WITH REACH TO GET PART INCLUDES-ALL THE MOTIONS NECESSARY TO GET PART FROM WORK BENCH,LOCATE POINT(S)ON CHASSIS, PREPARE AND FIT PARTS TO CHASSIS ENDS-WITH PART IN POSITION ON CHASSIS CONDITIONS-APPLIES TO SWITCHES,POTENTIOMETERS, FUSE HOLDER,ETC.
					69	CASE 01 SINGLE BOLT/SCREW-SINGLE ALIGN-NORMAL ACCESS
					101	02 TWO TO FOUR FASTENERS-MULTI-ALIGN-NORMAL ACCESS
					247	03 ADD WHEN TECHNICAL ORDER IS READ TO LOCATE POINTS ON CHASSIS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KERExXX	SDAPIXX	TABLE	PART(ELECTRONIC),REPLACE

STARTS=WITH REACH TO GET TOOL(S)
INCLUDES=ALL THE MOTIONS NECESSARY TO REMOVE SCREWS/BOLTS OR NUTS WITH PROPER TOOL,REMOVE AND ASIDE PART,GET AND OPEN BAG WITH NEW PART, REMOVE PART FROM BAG AND UNWRAP,FIT PART WITH SCREW/BOLTS WHEN REQUIRED,INSTALL WASHER(S) PLACE PART IN POSITION,TIGHTEN SCREWS/BOLTS/ NUTS,REPOSITION UNIT AS REQUIRED DURING OPERATION
ENDS=WITH ASIDE TOOL(S)
CONDITIONS=SINGLE ALIGN PARTS APPLY TO LAMP HOLDERS,RESISTORS,CAPACITORS,FUSE HOLDERS,TEST JACKS,ETC.-MULTI-ALIGN PARTS APPLY TO TUBE SOCKETS,RELAYS,COILS,TRANSFORMERS,TOGGLE SWITCHES,ETC.-DOES NOT INCLUDE REMOVAL OR INSTALLATION OF LEADS

SINGLE ALIGN PARTS
TO 2.5 POUNDS
MOUNTED WITH ONE SCREW/BOLT

ACCESS-		ONE WASHER 5-10 THDS A	ONE WASHER 10-15 THDS B	FOUR WASHERS (INSULATED) 5-10 THDS C	FOUR WASHERS (INSULATED) 10-15 THDS D
NORMAL	A	1420	2031	1822	
RESTRICTED/ OBSTRUCTED	B		2346		

PANEL MOUNTED-ONE NUT,WASHER

		NO BACK UP NUT 5-10 THDS E	NO BACK UP NUT 10-15 THDS F	BACK UP NUT 5-10 THDS G	BACK UP NUT 10-15 THDS H
NORMAL	C		1664	1342	
RESTRICTED/ OBSTRUCTED	D	4380		3006	

MULTI-ALIGN PARTS
TO 2.5 POUNDS
MOUNTED WITH SCREWS/BOLTS AND WASHER 5-10 THREADS
NUMBER OF SCREWS/BOLTS

		2 J	3 K	4 L	6 M
NORMAL	E	2364	2881	3782	5196
RESTRICTED/ OBSTRUCTED	F	2625	3174	4133	5619

MULTI-ALIGN PARTS
TO 2.5 POUNDS
MOUNTED WITH SCREWS/BOLTS AND WASHER-10-15 THREADS
NUMBER OF SCREWS/BOLTS

		2 N	4 P
NORMAL	G	3176	6252
RESTRICTED/ OBSTRUCTED	H	3996	7859

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KEREXXX	SDAPIXX		10 TO 15 THREADS MOUNTED WITH TWO HOLD
						NORMAL J: 3210 TO 2.5 POUNDS; 5851 2.5 TO 20 POUNDS
						OBSTRUCTED K: 5640 2; 10293 4
						Q; R
						NORMAL J: 3352; 5988
						RESTRICTED/ OBSTRUCTED K: 8157; 15474
						MULTI-ALIGN PARTS STUD MOUNTED WITH NUT AND WASHER 10 TO 15 THREADS
						TO 2.5 POUNDS; 2.5-20 POUNDS
						NUMBER OF STUDS TO MOUNT: 2 4 2 4
						S T U V
						NORMAL L: 3003 4549 5288
						RESTRICTED/ NORMAL L: 2929 4177 4899
						OBSTRUCTED M: 5256 8749
NAA	72X	MAA	CLRPT05	SDAPLXX	VARIABLE	PLUG,LOCATE,CONNECT AND REMOVE STARTS-WITH CHECK PLUG NUMBER INCLUDES-ALL THE MOTIONS REQUIRED TO CHECK PLUG AND MATE TO RECEPTABLE,CONNECT PLUG TO RECEPTACLE;DISCONNECT PLUG,POSITION CABLE AS NECESSARY,POSITION COMPONENT,AND WALKING NECESSARY TO REACH REQUIRED PARTS/COMPONENTS ENDS-WITH COMPONENT POSITIONED
					1930	CASE 01 HOOK UP AND DISCONNECT BENDIX PLUG
					2830	02 HOOK UP AND DISCONNECT CANNON PLUG
FFH	72X	MAA	KERALXX	SDAPMXX	VARIABLE	PART(AXIAL LEAD),MOUNT IN/REMOVE FROM CLIP HOLDER STARTS-WITH REACH TO GET PART OR TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE/MOUNT PART IN HOLDER,GET TOOL,PRY PART OUT OF HOLDER,ASIDE PART AND TOOL ENDS-WITH PART IN HOLDER OR PART AND TOOL ASIDE
					62	CASE 01 MOUNT PART IN HOLDER
					109	02 REMOVE PART FROM HOLDER WITH HAND TOOL

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
[illegible]	72X	MAA	REREPXX	SDAPRXX	VARIABLE	PART,REPLACE STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE OLD PART,UNPACK NEW PART AND INSTALL.INSPECT ENDS-WITH ASIDE TOOL OR PART IN PLACE CONDITIONS-DOES NOT INCLUDE REMOVE OR INSTALL WIRE/LEAD-REPOSITION TO 40 POUND UNIT TWO TIMES
					2158	CASE 01 PART FASTENED WITH TWO SCREWS-NORMAL ACCESS-OPEN NEW PART BAG WITH SCISSORS AND UNWRAP,PART PLUGGED IN WITH THREE OR MORE PINS-TRANSISTOR,AMPHRNOL PLUG
					1958	02 PART FASTENED WITH CLIP AND SCREW,CUT LEADS(EIGHT),BEND WITH PLIERS-PLUG IN PART WITH THREE OR MORE PINS-CLIP AND SCREW MOUNTED PLUG IN PART-UP TO 2.5 POUNDS
					343	03 PRY OUT PART,SEAT NEW PART IN CLIP, REMOVE AND INSTALL AXIAL LEAD IN CLIP HOLDER,PART TO 2.5 POUNDS-CLIP MOUNTED AXIAL LEAD PART SUCH AS CAPACITOR, RESISTOR,SMALL TUBE
					690	04 SNAP IN,J-SLOT OR BAYONET TYPE PART (NO TOOL REQUIRED)-REMOVE, INSTALL TUBE SHIELD 50 PERCENT-REMOVE/INSTALL MATING SLOTS AND PINS 50 PERCENT
					750	05 PART,PLUG IN-TWO PINS-ENDS WITH PART SEATED IN SOCKET-NORMAL ACCESS
					804	06 PART PLUG IN-TWO PINS-ENDS WITH PART SEATED IN SOCKET-RESTRICTED ACCESS
					878	07 PART,PLUG IN-THREE OR MORE PINS-ENDS WITH PART INSTALLED-NORMAL ACCESS
					986	08 PART,PLUG IN-THREE OR MORE PINS-ENDS WITH PART SEATED-RESTRICTED ACCESS
					877	09 TUBE,ELECTRON-APPLIES TO STANDARD ELECTRON TUBE-ENDS WITH RELEASE AFTER INSTALLATION-REMOVE OLD TUBE-INSTALL NEW TUBE-NO RETAINING SPRING
					600	10 TUBE,ELECTRON,SAME TUBE
					1207	11 TUBE,ELECTRON AND SHIELD(SAME TUBE INCLUDES IDENTIFY TUBE TYPE),90 PERCENT SAME TUBE AND 10 PERCENT NEW TUBE
NAA	72X	MUA	ALRPR01	SDAPR12	29800	POTENTIOMETER,REPLACE STARTS-WITH POSITION UNIT INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE AND INSTALL POTENTIOMETER TO GEAR PLATE,GET AND ASIDE VISE,GET AND ASIDE MANUAL,POSITION UNIT FOR UNSOLDERING,INSTALL POTENTIOMETER IN VISE,GET AND ASIDE TWEEZERS,CHECK WIRING DIAGRAM,REMOVE SLEEVE FROM TERMINAL,UNSOLDER LEADS,REMOVE EXCESS SOLDER,REMOVE SLEEVES FROM LEADS;GET POTENTIOMETER FROM DRAWER AND UNPACK;SOLDER LEADS TO POTENTIOMETER,INSTALL IN VISE,TRIM LEADS,STRIP LEADS,TIN LEADS, INSTALL SLEEVES ON LEADS,CHECK WIRING DIAGRAMS SELECT LEADS,SOLDER LEADS TO TERMINAL,INSTALL SLEEVES OVER TERMINALS ENDS-WITH THE POTENTIOMETER INSTALLED IN GEAR PLATE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KERPSRA	SDAPR13	16389	POTENTIOMETER(STUD MOUNTED),REPLACE STARTS-WITH VISUAL INSPECTION OF PART INCLUDES-ALL THE MOTIONS NECESSARY TO INSPECT AND REMOVE OLD POT,UNPACK AND INSTALL NEW POT, CLEAN MOUNTING SPOT WITH BRUSH AND AIR,REPLACE THREE WIRES ON POST OR EYELET TERMINAL,READ TECHNICAL ORDER OUTLINE,INSPECT INSTALLATION ENDS-WITH FINAL INSPECTION CONDITIONS-WIRES ARE 12 TO 26 GAGE SOLID OR STRANDED,INSULATED,NON-SHIELDED-POTENTIOMETER IS STUD MOUNTED WITH TWO NUTS-APPLIES TO ALL STUD MOUNTED POTENTIOMETERS-NO FAULT ISOLATION INCLUDED-THREE WIRES SOLDERED AND UNSOLDERED
AF	72X	MAD	MDL-1K7	SDAPR14	1057	PLUG,REASSEMBLE TO CABLE(WITH SLEEVE) STARTS-WITH REACH TO GET SLEEVING INCLUDES-ALL THE MOTIONS NECESSARY TO GET SLEEVING,GET LUBRICANT STICK,DIP IN LUBE,PICK UP LUBE ON STICK,INSERT INTO SLEEVE AND SWAB INSIDE,REMOVE STICK AND ASIDE,GET CABLE,GET LUBE ON STICK AND DAB ON END OF CABLE,ASIDE STICK,SLIDE SLEEVE OVER END OF CABLE APPROX. 1/2 INCH,INSERT CABLE WITH SLEEVE INTO PLUG AND WIPE EXCESS GREASE FROM ASSEMBLY ENDS-WITH ASIDE ASSEMBLY
FFH	72X	MAA	KERHMXX	SDARCXX	VARIABLE	CLIP(MOUNTING,TRANSISTOR),REMOVE STARTS-WITH READ TECHNICAL ORDER INCLUDES-ALL THE MOTIONS NECESSARY TO READ THE T/O,FIND LOCATION ON CHASSIS,TILT/POSITION 20 POUND END ITEM/SUB-ASSEMBLY,(2 TIMES),REMOVE NUT,SCREW AND WASHER,PUSH OUT BUSHING WITH HAND TOOL,READ T/O,LOCATE POINT ON CHASSIS,POSITION CHASSIS,GET CLIP AND SCREW, PLACE SCREW IN CLIP HOLE,GET AND PLACE INSULATED WASHER ON SCREW,GET AND PLACE INSULATED BUSHING IN CHASSIS,INSTALL CLIP AND SCREW IN BUSHING,TIGHTEN NUT ENDS-WITH ASIDE TOOL CONDITIONS-INSTALL/REMOVE ONE SCREW,WASHER, NUT AND BUSHING CASE 01 INSTALL
					1439	
					854	02 REMOVE
FFH	72X	MAA	KERRSXX	SDARDXX	VARIABLE	RELAY(WIRED),REPLACE STARTS-WITH INSPECTION(VISUAL) INCLUDES-ALL THE MOTIONS NECESSARY TO INSPECT, REMOVE AND INSTALL WIRE ENDS TO EYELET TERMINALS,REPLACE MULTI-ALIGN PART MOUNTED WITH TWO BOLTS,READ TECHNICAL ORDER,CLEAN CONTACT SPOTS AND INSPECT INSTALLATION ENDS-WITH FINAL INSPECTION
					23531	CASE 01 REPLACE RELAY WITH FOUR SOLDERED LEADS
					27940	02 REPLACE RELAY WITH FIVE SOLDERED LEADS
					32349	03 REPLACE RELAY WITH SIX SOLDERED LEADS
					41167	04 REPLACE RELAY WITH EIGHT SOLDERED LEADS
					49985	05 REPLACE RELAY WITH 10 SOLDERED LEADS
					58803	06 REPLACE RELAY WITH 12 SOLDERED LEADS
					67783	07 REPLACE RELAY WITH 14 SOLDERED LEADS
					68347	08 REPLACE RELAY WITH 16 SOLDERED LEADS
					67621	07 REPLACE RELAY WITH 14 SOLDERED LEADS
					68185	08 REPLACE RELAY WITH 16 SOLDERED LEADS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KERESXX	SDAREXX	TABLE	COMPONENT(ELECTRONIC),REPLACE STARTS-WITH REACH TO GET TOOL(S) INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE SCREW(S)WITH A SCREWDRIVER,REMOVE PART,OPEN PART BAG,REMOVE AND UNWRAP NEW PART,FIT PART WITH SCREW(S),INSTALL WASHER ON SCREW(S),PLACE PART IN POSITION,TIGHTEN SCREW(S),REPOSITION END ITEM/SUB ASSEMBLY ENDS-WITH ASIDE TOOL(S) CONDITIONS-INSTALLATION AND REMOVAL OF WIRES/ LEADS NOT INCLUDED-PART WEIGHS TO 2.5 POUNDS-SINGLE ALIGN PART APPLIES TO RESISTORS, CAPACITORS,ETC.-MULTI-ALIGN PARTS APPLIES TO TERMINAL BOARDS,RELAYS AND LIKE ITEMS-ALL PARTS MOUNT WITH SCREW(S)-NEW SINGLE PARTS PACKED IN BAGS OR ENVELOPES,NEW MULTI-ALIGN PARTS PACKED IN SEALED FLAP BOX-MOUNTING SCREWS 9-10 THREADS

SINGLE ALIGN PARTS-

		MOUNT WITH 1 SCREW	
		1 WASHER	4 WASHERS (INSULATED)
		A	B
ACCESS-			
NORMAL	A	1468	1882

MULTI-ALIGN PARTS-

		NUMBER SCREWS REQUIRED TO MOUNT			
		2	3	4	6
		C	D	E	F
ACCESS- NORMAL	B	2537	3233	4161	5785
RESTRICTED/ OBSTRUCTED	C	2798	3438	4480	6162

NAA	72X	MBA	SLRCR62	SDARLXX	TABLE

LEAD(AND SOCKET,ELECTRON TUBE),REPLACE
STARTS-WITH REACH TO GET TOOL(REMOVE)OR REACH TO GET SOCKET(INSTALL)
INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE SOCKET FASTENERS,ASIDE FASTENERS AND TOOL,GET SOLDERING IRON,UNSOLDER LEAD(S), ASIDE IRON,GRASP,REMOVE AND ASIDE SOCKET-REACH TO GET SOCKET IN BENCH,POSITION SOCKET ON CHASSIS,INSTALL AND TIGHTEN FASTENERS,STRIP WIRES,TIN WIRE(S)AND IRON,SOLDER LEADS IN PLACE
ENDS-WITH ASIDE SOCKET(REMOVE)OR ASIDE SOLDERING IRON(INSTALL)

NUMBER OF LEADS		TYPE AND NUMBER OF SOCKET FASTENERS INSTALLED	
		TWO SCREWS	TWO BOLTS,NUTS
		A	B
REMOVE FIRST OR SINGLE LEAD AND SOCKET	A	1620	2750
REMOVE EACH ADDITIONAL LEAD	B	390	390
INSTALL SOCKET AND FIRST OR SINGLE LEAD	C	2850	3090
INSTALL EACH ADDITIONAL LEAD	D	1040	1040

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KEREPDX	SDARPXX	VARIABLE	PART(PLUG IN TYPE),REMOVE STARTS-WITH REACH TO COMPONENT OR READ TECHNICAL ORDER INLCUDES-ALL THE MOTIONS NECESSARY TO GRASP COMPONENT AND REMOVE ENDS-WITH ASIDE PART
					55	CASE 01 REMOVE ONE PIN COMPONENT
					76	02 REMOVE TWO PIN COMPONENT
					125	03 REMOVE THREE OR MORE PIN COMPONENT
					70	04 REMOVE COMPONENT WITH MATING PINS AND SLOTS,TURN LOCK SUCH AS J SLOT TUBE SHIELDS,BAYONET BASE LAMPS,FUSE HOLDER CAP,PIN AND SLOT CONNECTOR
					123	05 REMOVE TWO PIN COMPONENT-DIFFICULT ACCESS
					233	06 REMOVE COMPONENT WITH THREE OR MORE PINS-RESTRICTED ACCESS
					276	07 ADD WHEN TECHNICAL ORDER IS READ TO LOCATE PART ON CHASSIS
FFH	72X	MAA	KERCCR8	SDARRXX	VARIABLE	RECEPTACLE(COAXIAL),REPLACE ON PANEL STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE FASTENER AND REMOVE RECEPTACLE FROM PANEL,REMOVE RECEPTACLE FROM CABLE,ASIDE CABLE AND RECEPTACLE,GET SAME OR NEW RECEPTACLE(IN BAG), GET CABLE,INSTALL RECEPTACLE ON CABLE,MOUNT RECEPTACLE ON PANEL,INSPECT INSTALLATION (VISUAL) ENDS-WITH INSPECT INSTALLATION CONDITIONS-COAXIAL CABLE WITH DIAMETER GREATER THAN 1/4 INCH AND EQUAL TO OR LESS THAN 1/2 INCH
					3049	CASE 01 REMOVE RECEPTACLE SECURED TO PANEL WITH FOUR BOLTS/SCREWS,NUTS AND WASHERS
					9635	02 INSTALL SAME RECEPTACLE
					12719	03 REPLACE SAME RECEPTACLE
					13134	04 REPLACE WITH NEW RECEPTACLE-GET AND CUT OPEN BAG,REMOVE RECEPTACLE FROM BAG,ASIDE BAG,CUT CABLE,RECEPTACLE MOUNTED ON PANEL WITH FOUR BOLTS/SCREWS,NUTS AND WASHERS
					2342	05 REMOVE RECEPTACLE SECURET TO PANEL WITH FOUR SCREWS/BOLTS AND WASHERS ANCHOR NUT OR TAPPED HOLES
					7905	06 INSTALL SAME RECEPTACLE
					10247	07 REPLACE SAME RECEPTACLE
					10624	08 REPLACE WITH NEW RECEPTACLE-GET AND CUT OPEN NEW BAG,REMOVE RECEPTACLE FROM BAG AND ASIDE BAG;CUT CABLE, RECEPTACLE SECURED TO PANEL WITH FOUR SCREWS/BOLTS AND WASHERS-ANCHOR NUT OR TAPPED HOLES
FFH	72X	MAA	KERCCDG	SDARR09	995	RECEPTACLE(PANEL MOUNT TYPE),REMOVE FROM COAXIAL CABLE STARTS-WITH REACH TO GET CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET CABLE,REMOVE SPAGHETTI,SEPARATE END BELL FROM RECEPTACLE,UNSOLDER SHIELD AND PIN AND REMOVE RECEPTACLE ENDS-WITH ASIDE CABLE CONDITIONS-COAXIAL CABLE WITH DIAMETER LESS THAN OR EQUAL TO 1/2 INCH AND GREATER THAN 1/4 INCH-DOES NOT INCLUDE REMOVAL FROM SET/UNIT

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	72X	MAA	SLRCR07	SDARR10	630	RECTIFIER(CRYSTAL),REPLACE(PLUG IN TYPE) STARTS-WITH REACH TO MOUNTED RECTIFIER INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP RECTIFIER,REMOVE FROM MOUNT AND ASIDE,GET NEW RECTIFIER BOX,OPEN,REMOVE RECTIFIER FROM BOX AND UNWRAP,ASIDE EMPTY BOX AND WRAPPING,ASIDE RECTIFIER AFTER VERIFYING VALUE,PICK UP RECTIFIER,POSITION AND INSTALL ENDS-WITH RECTIFIER IN PLACE
FFH	72X	MAA	KERETXX	SDARSXX	VARIABLE	SWITCH,REPLACE STARTS-WITH READ TECHNICAL ORDER OR POSITION UNIT INCLUDES-ALL THE MOTIONS NECESSARY TO READ THE T/O,FIND POINT ON CHASSIS,TURN UNIT TWO TIMES TO POSITION(90 DEGREES EACH TURN),FIT PART WITH SINGLE BOLT/SCREW,STAKE SWITCH AT THREE LOCATIONS,LOCATE PART TO REMOVE FROM CHASSIS, LIFT AND TURN UNIT 90 DEGREES,REMOVE STAKED SWITCH,TURN UNIT,ASIDE SWITCH AND TOOLS ENDS-WITH ASIDE TOOLS/SWITCH
					746	CASE 01 INSTALL SWITCH(STAKED)
					500	02 REMOVE SWITCH(STAKED)WITH HAMMER AND PUNCH
					636	03 INSTALL SWITCH(STAKED THREE PLACES) NO POSITIONING OF UNIT REQUIRED
					328	04 REMOVE SWITCH(STAKED THREE PLACES) NO POSITIONING OF UNIT REQUIRED
					247	05 ADD WHEN READ TECHNICAL ORDER REQUIRED
NAA	72X	MAA	SLRCR13	SDARTXX	VARIABLE	TUBE(ELECTRON-PLUG IN TYPE),REPLACE STARTS-WITH REACH TO RETAINING SPRING TO REMOVE OR REACH TO NEW TUBE BOX TO INSTALL INCLUDES-ALL THE MOTIONS NECESSARY TO LOOSEN SPRING,DISENGAGE AND REMOVE TUBE,ASIDE TUBE, REACH TO NEW TUBE BOX,GET BOX,OPEN AND REMOVE TUBE,ASIDE BOX,POSITION AND INSERT TUBE IN SOCKET,POSITION AND TIGHTEN SPRING TO HOLD TUBE ENDS-WITH ASIDE TUBE(REMOVE) OR WITH SPRING IN POSITION AND TIGHTENED(INSTALL OR REPLACE)
					290	CASE 01 REMOVE TUBE
					930	02 INSTALL TUBE(INCLUDES GET NEW TUBE)
					1220	03 REPLACE TUBE(INCLUDES GET NEW TUBE)
NAA	72X	MAA	SLASNXX	SDASCXX	VARIABLE	SWITCH,CONNECT WIRES AND INSTALL STARTS-WITH REACH TO NUT ON SWITCH INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE NUT FROM SWITCH AND ASIDE NUT,POSITION SWITCH, GET AND INSTALL NUT,REMOVE SCREWS,SELECT AND POSITION WIRES AND REPLACE SCREWS ENDS-WITH ASIDE TOOL
					6170	CASE 01 INSTALL SINGLE POLE SINGLE THROW SWITCH-TWO SCREWS-TWO WIRES
					8220	02 INSTALL SINGLE POLE DOUBLE THROW SWITCH-THREE SCREWS-THREE WIRES
					14790	03 INSTALL DOUBLE POLE DOUBLE THROW SWITCH-SIX SCREWS-SIX WIRES
NAA	72X	MAA	SLASRXX	SDASDXX	VARIABLE	SWITCH,DISCONNECT WIRES AND REMOVE STARTS-WITH REACH TO TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE SCREWS,DISENGAGE WIRES,REPLACE SCREWS,REMOVE NUT,DISENGAGE AND ASIDE SWITCH, REPLACE NUT,ASIDE TOOL ENDS-WITH ASIDE TOOL
					4990	CASE 01 REMOVE SINGLE POLE SINGLE THROW SWITCH-TWO SCREWS-TWO WIRES
					6490	02 REMOVE SINGLE POLE,DOUBLE THROW SWITCH-THREE SCREWS-THREE WIRES
					10990	03 REMOVE DOUBLE POLE DOUBLE THROW SWITCH-SIX SCREWS-SIX WIRES

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	72X	MAA	SLRCN05	SDASIXX	VARIABLE	SEMI-CONDUCTOR,INSTALL WITH SOLDER STARTS-WITH REACH TO REPLACEMENT INCLUDES-ALL THE MOTIONS NECESSARY TO GET PART AND REMOVE FROM PACKAGE,GET AND READ TECHNICAL DATA,CHECK DATA AGAINST REPLACEMENT,REMOVE EXCESS SOLDER FROM TERMINAL OR EYELET,ORIENT PART LEADS TO ATTACHMENT POINT,MEASURE AND CUT LEADS TO FIT,FORM LEADS,ATTACH HEAT SINKS, SOLDER LEADS(TWO),REMOVE HEAT SINKS,CLEAN SOLDERED JUNCTION WITH CLEANING SOLVENT,ASIDE PART ENDS-WITH ASIDE PART CONDITIONS-APPLIES TO SEMICONDUCTOR DEVICE
					5970	CASE 01 INSTALL FIRST TWO LEADS
					1800	02 INSTALL ADDITIONAL LEAD
NAA	72X	TBA	SLRCR33	SDASRXX	VARIABLE	SWITCH,REPLACE(CONNECT,DISCONNECT LEADS) STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE FASTENERS SECURING SWITCH,ASIDE TOOL,GET SOLDERING IRON AND REMOVE LEADS,ASIDE IRON,REMOVE AND ASIDE SWITCH,REACH TO SWITCH ON BENCH,GET AND POSITION SWITCH TO CHASSIS, ALIGN AND INSTALL,PLACE AND TIGHTEN WASHER AND NUT,STRIP WIRES,ASIDE STRIPPER AND GET SOLDERING IRON,TIN WIRES(LEADS)AND SOLDER IN POSITION,ASIDE IRON ENDS-WITH ASIDE SWITCH(REMOVE)OR ASIDE IRON (INSTALL)OR REPLACE
					1240	CASE 01 REMOVE SWITCH-ONE NUT-THREE LEADS
					1650	02 REMOVE SWITCH-TWO SCREWS-THREE LEADS
					3690	03 INSTALL SWITCH-ONE NUT-THREE LEADS
					4190	04 INSTALL SWITCH-TWO SCREWS-THREE LEADS
					4930	05 REPLACE SWITCH-ONE NUT-THREE LEADS
					5840	06 REPLACE SWITCH-TWO SCREWS-THREE LEADS
FFE	72X	MAA	KEREWRC	SDASR07	5774	SWITCH(WAFER),REPLACE STARTS-WITH REACH TO GET TOOLS INCLUDES-ALL THE MOTIONS NECESSARY TO FIND POINT ON CHASSIS,CLEAN TERMINAL,REPLACE PART IN SINGLE CLIP HOLDER,OPEN ENVELOPE,REMOVE NEW SWITCH,UNWRAP AND INSTALL,LOOSEN OR TIGHTEN SET SCREW TO HOLD SWITCH IN PLACE,REPOSITION END ITEM/SUB ASSEMBLY,FIND POINT ON CHASSIS, SOLDER AXIAL LEADS TO TERMINAL,INSTALL VINYL TUBING OR INSULATION WHEN REQUIRED,INSPECT INSTALLATION ENDS-WITH TOOLS ASIDE CONDITIONS-MOUNTED WITH 10-15 THREADS
FFH	72X	MAA	KERTSXX	SDASSXX	VARIABLE	SHIELD(TUBE),SNAP ON AND OFF STARTS-WITH REACH TO GET TUBE SHIELD INCLUDES-ALL THE MOTIONS NECESSARY TO GET TUBE SHIELD AND PLACE OVER TUBE,MOVE DOWN TO BASE, WIGGLE SHIELD AND SNAP INTO PLACE,GET END OF SHIELD,WIGGLE TO BREAK LOCK,DISENGAGE SHIELD FROM BASE ENDS-WITH SNAP TUBE SHIELD TO BASE AND RELEASE OR WITH SHIELD ASIDE
					100	CASE 01 INSTALL TUBE SHIELD
					79	02 REMOVE TUBE SHIELD

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FFH	72X	MAA	KERTRXX	SDATIXX	VARIABLE	TRANSFORMER,REPLACE STARTS-WITH INSPECT UNIT(VISUAL) INCLUDES-ALL THE MOTIONS NECESSARY TO REPLACE WIRE LEADS ON AN EYELET TERMINAL(S)(NORMAL ACCESS),REPLACE MULTI-ALIGN PART MOUNTED WITH FOUR BOLTS(NORMAL ACCESS),STUDY SCHEMATIC AND ILLUSTRATED PARTS BREAKDOWN,CLEAN WITH WET BRUSH/AIR,INSPECT INSTALLATION ENDS-WITH FINAL INSTALLATION CONDITIONS-APPLIES TO SIGNAL AND POWER TRANSFORMERS WEIGHING UP TO 20 POUNDS
					26942	CASE 01 REPLACE TRANSFORMER WITH FOUR LEADS
					31351	02 REPLACE TRANSFORMER WITH FIVE LEADS
					35760	03 REPLACE TRANSFORMER WITH SIX LEADS
					40169	04 REPLACE TRANSFORMER WITH SEVEN LEADS
FFH	72X	MAA	KERTLAE	SDATI05	710	TERMINAL(FEED THROUGH TYPE),INSTALL STARTS-WITH REACH TO GET TERMINAL INCLUDES-ALL THE MOTIONS NECESSARY TO GET THE TERMINAL,PLACE IN HOLE,SOLDER TERMINAL(FEED THROUGH)IN PLACE ENDS-WITH ASIDE SOLDERING AID
MAA	72X	MBA	SLRCR15	SDATRXX	VARIABLE	TUBE(ELECTRON-SOLDERED LEADS),REPLACE STARTS-WITH REACH TO TUBE IN HOLDING CLIP INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP AND REMOVE TUBE FROM CLIP,UNSOLDER LEADS,REMOVE SLEEVES,ASIDE TUBE,REACH AND GET NEW TUBE BOX,REMOVE TUBE FROM BOX,CUT LEADS TO LENGTH, POSITION TUBE IN CLIP,POSITION SLEEVING,CHECK SLEEVING COLOR,POSITION IN PLACE,GET SOLDERING IRON AND SOLDER LEADS,ASIDE IRON,CHECK TUBE ENDS-WITH TUBE CONNECTIONS CHECKED
					10830	CASE 01 REPLACE TUBE WITH FIVE LEADS-FOUR SLEEVES
					17130	02 REPLACE TUBE WITH EIGHT LEADS-SEVEN SLEEVES
FFH	72X	MAA	KEREPXX	SDATR03	19769	TUBE(ELECTRONIC),REPLACE STARTS-WITH READ TECHNICAL ORDER INCLUDES-ALL THE MOTIONS NECESSARY TO READ T/O,TURN 20 POUND UNIT 90 DEGREES,CUT AND UNSOLDER WIRE ENDS AND REMOVE FROM CLIP TYPE HOLDER,CLEAN TERMINALS,REMOVE WIRES FROM TERMINAL POST,ASIDE,ASIDE TUBE,VACUUM AND SOLDERING GUN-READ TECHNICAL ORDER,REPOSITION UNIT TWO TIMES,INSTALL LEAD IN CLIP HOLDER, GET,STRAIGHTEN,MEASURE AND CUT WIRES,INSTALL INSULATION,FIND TUBE LOCATION ON CHASSIS,INSTALL WIRES TO TERMINAL(POST/EYELET TYPE), SOLDER WIRES TO TERMINALS,ASIDE IRON AND SOLDER,GET PLIERS AND DRESS WIRES,ASIDE PLIERS ENDS-WITH ASIDE PLIERS CONDITIONS-APPLIES TO MINIATURE TUBE WITH EIGHT LEADS,MOUNTED IN CLIP HOLDER-VACUUM AND SOLDERING GUN-50 WATTS-USED TO CLEAN TERMINALS
FFH	72X	MAA	KERTUXA	SDATR04	249	TUBE(ELECTRON),REPLACE STARTS-WITH REACH TO TUBE IN TUBE SOCKET INCLUDES-ALL THE MOTIONS NECESSARY TO REACH AND GRASP TUBE,WIGGLE TO LOOSEN,RELEASE TUBE, REACH AND REGRASP,DISENGAGE TUBE FROM SOCKET, PLACE TUBE ASIDE,REACH TO TUBE,PICK UP,INSPECT TUBE ARRANGEMENT,STAND TUBE UPRIGHT AND PLUG TUBE INTO SOCKET ENDS-WITH RELEASE TUBE SECURED IN SOCKET

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	72X	MAA	SLRCR19	SDATR05	3550	TUBE(KLYSTRON-TYPE QK547),REPLACE STARTS-WITH REACH TO LATCH INCLUDES-ALL THE MOTIONS NECESSARY TO DIS-ENGAGE LATCH AND SPRING,REMOVE SHAFT,SHIELD AND REPELLER CAP,REMOVE AND ASIDE TUBE,GET NEW TUBE BOX,OPEN AND REMOVE TUBE,ASIDE BOX AND TUBE,PICK UP TUBE,INSTALL IN MOUNT,INSTALL REPELLER CAP,SHIELD AND SHAFT,ENGAGE LATCH AND SPRING ENDS-WITH SPRING IN POSITION
NAA	72X	MAA	SLRCR23	SDATR06	18580	TUBE(CATHODE RAY),REPLACE STARTS-WITH REACH TO SAFETY SHIELD(FACE) INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PUT ON FACE SAFETY SHIELD,UNPLUG SET,GROUND HIGH VOLTAGE LEAD WITH SCREWDRIVER,REMOVE HIGH VOLTAGE LEAD,REMOVE PLUG SOCKET,REMOVE FRONT PLATE,TWO FRONT GLASSES AND CLAMP SCREWS,SLIDE TUBE FROM CHASSIS AND ASIDE TO BENCH,GET NEW TUBE IN PACKAGE,GET KNIFE AND OPEN BOX,REMOVE PACKING AND TUBE,PLACE NEW TUBE ON BENCH,GET OLD TUBE AND PUT IN NEW TUBE BOX,INSTALL PACK-ING,CLOSE AND SEAL FLAPS,CLEAN TUBE FACE AND TWO GLASSES,GET AND POSITION NEW TUBE IN CHASSIS,INSTALL TWO CLAMP SCREWS,INSTALL TWO GLASSES,INSTALL FRONT PLATE,HIGH VOLTAGE LEADS AND PLUG SOCKET,REMOVE FACE SHIELD AND HANG ON HOOK ENDS-WITH HANG FACE SHIELD ON HOOK
FFE	72X	MAA	KPMESRA	SDATR07	4749	TUBE(CATHODE RAY),REMOVE AND INSTALL STARTS-WITH REACH TO GET TOOLS INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE SECURING NUTS/SCREWS BY HAND,REMOVE MASK AND COVER,REMOVE CATHODE RAY TUBE AND ASIDE-UN-PACK NEW TUBE,PLACE IN POSITION,INSTALL MASK AND COVER,SECURE WITH HAND RUN DOWN 4 NUTS ENDS-WITH TOOLS ASIDE CONDITIONS-CONVENTIONAL/SIMPLE TUBE TYPES NO ELECTRICAL HOOK UP OR DISCONNECT INCLUDED
FFH	72X	MAA	KEREWXX	SDAWRXX	VARIABLE	WAFER,REPLACE ON WAFER SWITCH STARTS-WITH REACH TO GET TOOLS FROM WORKBENCH INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE SWITCH,REMOVE FOUR WAFERS FROM SWITCH,GET ONE WAFER FROM ENVELOPE AND UNWRAP,INSTALL NEW WAFER,INSTALL FOUR WAFERS ON SWITCH,INSTALL SWITCH ON MOUNTING STUD,MULTI-ALIGN,INSPECT INSTALLATION,REPOSITION END ITEM/SUB ASSEMBLY (TO 40 POUNDS)TWO TIMES ENDS-WITH ASIDE TOOLS CONDITIONS-SWITCH WEIGHS TO 2.5 POUNDS-DOES NOT INCLUDE REMOVAL/INSTALLATION OF WIRE 6947 CASE 01 REPLACE SWITCH-NORMAL ACCESS 8388 02 REPLACE SWITCH-RESTRICTED/OBSTRUCTED ACCESS
NO	72X	MAO	LA1R-1	SIDLI01	122	LUG,IDENTIFY WITH SLEEVE MARKER STARTS-WITH REACH TO GET WIRE INCLUDES-ALL THE MOTIONS NECESSARY TO GET WIRE AND FORCE MARKER OVER LUG SHANK,ASIDE WIRE TO BENCH ENDS-WITH WIRE ASIDED TO BENCH

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	72X	MAA	SLRCT04	MITCAXX	VARIABLE	CONTROLS,ADJUST STARTS-WITH REACH TO COURSE ADJUST KNOB INCLUDES-ALL THE MOTIONS NECESSARY TO ADJUST COURSE AND FINE CONTROLS AND OBTAIN CORRECT RESISTANCE USING DECADE,READ VALUE FROM BOX ENDS-WITH OBTAIN RESISTANCE VALUE FROM DECADE SETTINGS CONDITIONS-DECADE BOX SET UP AND READY TO TEST FOR RESISTANCE
					1940	CASE 01 OBTAIN FIRST OR SINGLE VALUE
					1800	02 OBTAIN EACH ADDITIONAL VALUE
FFD	72X	MAA	KERKSB2	MITCA03	325	CONTROLS,ADJUST-LOOSEN AND TIGHTEN LOCKNUT STARTS-WITH REACH TO OBTAIN WRENCH INCLUDES-ALL THE MOTIONS NECESSARY TO GET AN OPEN END WRENCH,PLACE ON NUT AND LOOSEN AND TIGHTEN THE NUT ENDS-WITH ASIDE WRENCH
NAA	72X	MUA	SLRDA51	MITGA01	1710	GENERATOR(RADIO FREQUENCY),ADJUST STARTS-WITH REACH TO GET ADJUSTMENT TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION ADJUSTMENT TOOL,MAKE INITIAL ADJUSTMENT,GET PENCIL,MAKE REFERENCE MARK,ASIDE PENCIL,ROTATE FREQUENCY CONTROL AND ADJUST, REMOVE AND ASIDE TOOL ENDS-WITH ASIDE ADJUSTMENT TOOL CONDITIONS-DOES NOT INCLUDE REMOVE AND REPLACE COVER
NAA	72X	MAA	SLRDA01	MITPA01	1260	POTENTIOMETER OR TRIMMER,ADJUST STARTS-WITH REACH TO TEST INSTRUMENT INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION TEST INSTRUMENT,OBTAIN SCREWDRIVER,LOCATE POTENTIOMETER OR TRIMMER POSITION SCREWDRIVER,MAKE ONE ADJUSTMENT,ASIDE TOOL AND REPOSITION TEST INSTRUMENT ENDS-WITH TEST INSTRUMENT REPOSITIONED
NAA	72X	MAA	SLRDA06	MITVCXX	VARIABLE	VOLTAGE(STANDING WAVE RATIO),CHECK STARTS-WITH REACH TO GET CABLES INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND CONNECT CABLES,ADJUST STANDING WAVE RATIO METER,ADJUST MODULATION FREQUENCY,CHECK COUNTER,ADJUST ATTENUATOR,ADJUST DETECTOR AND RECHECK STANDING WAVE RATIO METER,DISCONNECT CABLE ADJUST COARSE AND FINE GAIN CONTROLS, POSITION LOAD(MAXIMUM UPSCALE),CHECK READING ENDS-WITH CHECK FINAL READING
					2820	CASE 01 CHECK-FIRST OR SINGLE
					1050	02 CHECK-EACH ADDITIONAL
FFF	72X	MAA	GITEM81	SITBS01	910	BRIDGE(WHEATSTONE),SET UP AND DISMANTLE STARTS-WITH REACH TO CASE LATCH INCLUDES-ALL THE MOTIONS NECESSARY TO UNLATCH AND OPEN CASE,REMOVE LEADS,STRAIGHTEN AND PLACE TO TERMINALS,GET TERMINAL NUT,PLACE AND RUN DOWN ON LEAD ENDS,REACH TO AND TURN ON BATTERY SWITCH,REACH TO AND TURN OFF BATTERY SWITCH,RUN OFF TERMINAL NUTS,REMOVE LEADS,FOLD LEADS SEVEN TIMES,PLACE LEADS IN CASE,GET AND CLOSE LID,CLOSE LATCH ENDS-WITH CASE CLOSED AND LATCHED
NAA	72X	MAA	SLACTXX	SITCCXX	VARIABLE	CONTINUITY,CHECK STARTS-WITH REACH TO GET PROBES INCLUDES-ALL THE MOTIONS NECESSARY TO GET PROBES,SHORT PROBES TOGETHER,SELECT SCALE, ZERO METER,SELECT TEST POINTS,PLACE PROBES AT TEST POINTS,OBTAIN READING,ASIDE PROBES ENDS-WITH PROBES ASIDE
					800	CASE 01 PERFORM FIRST OR SINGLE TEST
					190	02 PERFORM ADDITIONAL TEST

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NAA	72X	TUA	JCACAFA	SITCC03	3910	CAPACITOR,CALIBRATE STARTS-WITH DETERMINE CAPACITOR VALUE FROM NAME PLATE INCLUDES-ALL THE MOTIONS NECESSARY TO DETERMINE CAPACITOR VALUE,MOVE LEVEL ON CALIBRATION STANDARD TO CORRESPOND,POSITION CAPACITOR TO ADAPTER PINS AND PLUG IN,ADJUST BLOCK TO SUPPORT CAPACITOR WEIGHT,MOVE LEVER(LOW VALUE-0-9)AND OBSERVE NULL METER,MOVE LEVER(NEXT HIGHER VALUE-0-9)AND OBSERVE NULL METER(REPEAT TWO TIMES-TOTAL FOUR OBSERVATIONS),READ CAPACITOR VARIANCE FROM OPTIMUM VALUE,DISCONNECT CAPACITOR AND ASIDE,WRITE VARIANCE ON CALIBRATION LABEL,ASIDE PEN ENDS-WITH ASIDE PEN CONDITIONS-CALIBRATION STANDARD,P/N 1615A CAPACITANCE BRIDGE
FFE	72X	MAA	GITEMAX	SITCMXX	VARIABLE	CHECK,MAKE WITH PORTABLE ELECTRICAL METER STARTS-WITH REACH TO METER INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION METER,OBTAIN PROBES,MOVE PROBES(SIMO) TO CONTACTS,MAKE CONTACT,SEAT PROBES,READ METER(0 TO 10 DIGITS),REMOVE PROBE FROM CONTACT(SIMO),PLACE PROBES ASIDE,GET AND ASIDE METER ENDS-WITH METER ASIDE
					336	CASE 01 MAKE SINGLE OR FIRST CHECK
					151	02 MAKE EACH ADDITIONAL CHECK-TWO NEW POINTS
NAA	72X	TUA	JCACTTX	SITCTXX	VARIABLE	CURRENT,TEST FOR INSTRUMENT CALIBRATION STARTS-WITH REACH TO BINDING POSTS INCLUDES-ALL THE MOTIONS NECESSARY TO LOOSEN BINDING POSTS,ATTACH LEADS,TIGHTEN,INSTALL LEADS TO TEST INSTRUMENT,THROW SELECTOR SWITCH AND TURN SELECTOR SWITCH TO CURRENT,SET CONSOLE TO 0.2 VOLTS,ADJUST COARSE AND FINE CONTROLS,COMPARE READING,ADJUST DECADE 1/2 SCALE,TURN COARSE AND FINE CONTROL DOWN,ADJUST DECADE 10,000(PRESENT),SET VOLTAGE SELECTOR TO PROPER RANGE,ADJUST COARSE AND FINE CONTROL, COMPARE READINGS,SET COARSE AND FINE CONTROL DOWN,ADJUST DECADE BACK TO ZERO,TURN SELECTOR BACK DOWN ENDS-WITH SELECTOR BACK DOWN
					4200	CASE 01 FIRST OR SINGLE RANGE
					2600	02 EACH ADDITIONAL RANGE
NAA	72X	MAA	SLRCT08	SITCT03	720	COMPONENT(PANEL LIGHTS),TEST STARTS-WITH REACH TO ACTUATE SWITCHES OR KNOBS INCLUDES-ALL THE MOTIONS NECESSARY TO ACTUATE THREE SWITCHES/KNOBS,CHECK TEST DATA(OPEN FACED SINGLE SHEET),CHECK PANEL LIGHTS(FOUR) ENDS-WITH LIGHTS CHECKED
NAA	72X	MAA	SLRDT02	SITCT04	1470	COMPONENT,TEST WITH MEGGER STARTS-WITH REACH TO GET MEGGER INCLUDES-ALL THE MOTIONS NECESSARY TO GET MEGGER,GET AND UNCOIL LEADS,POSITION LEAD TO PIN AND PLUG SHELL,CRANK MEGGER 26 REVOLUTIONS AND CHECK METER,REMOVE AND RECOIL LEADS,ASIDE LEADS ENDS-WITH ASIDE LEADS
NAA	72X	MAA	SLRDT03	SITDT01	850	DEVICE,TEST WITH SIMPSON 2600 CONSOLE STARTS-WITH REACH TO COARSE CONTROL INCLUDES-ALL THE MOTIONS NECESSARY TO ADJUST COARSE CONTROL,OBTAIN MOMENTARILY APPEARING READING,ADJUST FINE CONTROL,OBTAIN DELAYED READING,OBSERVE READINGS ENDS-WITH READINGS OBSERVED

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NAA	72X	MUA	SLRDT04	SITDT02	2420	DEVICE,TEST WITH 691/U CONSOLE TEST SET STARTS-WITH REACH TO COARSE ADJUSTMENT CONTROL INCLUDES-ALL THE MOTIONS NECESSARY TO ADJUST COARSE CONTROL AND OBTAIN MOMENTARILY APPEARING READING,ADJUST FINE CONTROL AND OBTAIN DELAYED READING,DEPRESS STANDARD CELL SWITCH, READJUST COARSE AND FINE CONTROLS,TAP METER FACE,OBSERVE METER INDICATION ENDS-WITH OBSERVE METER INDICATION CONDITIONS-REQUIRES ADJUSTING TWO CONTROLS WITH THREE TUNING MOTIONS EACH
NAA	72X	MUA	SLRDT05	SITDT03	2200	DEVICE,TEST FREQUENCY,PHASE OR MODULATION WITH OSCILLOSCOPE STARTS-WITH REACH TO TIME SET CONTROL INCLUDES-ALL THE MOTIONS NECESSARY TO SET TIME AND MULTIPLIER CONTROLS,SET INPUT VOLTS SELECTOR AND ADJUST STABILITY,TRIGGERING CONTROLS,ADJUST VERTICAL AND HORIZONTAL POSITION AND READOUT ON GRATICULE,READJUST TEST EQUIPMENT CONTROLS ENDS-WITH READJUST CONTROLS CONDITIONS-THIS WAVEFORM IS OBTAINED ON A TYPE 531 OR TEKTRONIX OSCILLOSCOPE
NAA	72X	TUA	SLRDT15	SITFDXX	VARIABLE	FREQUENCY,DETERMINE STARTS-WITH REACH TO SQUARE WAVE AMPLITUDE DISPLAY CONTROL INCLUDES-ALL THE MOTIONS NECESSARY TO ADJUST THE SQUARE WAVE AMPLITUDE AND FREQUENCY DISPLAY,ADJUST DETECTOR MOUNT AND PHASE CONTROL, ADJUST FREQUENCY DIAL AND SIGNAL FREQUENCY CONTROL,DISCONNECT SQUARE WAVE GENERATOR, ADJUST POWER SET CONTROL,OBSERVE OSCILLOSCOPE DISPLAY,READJUST SIGNAL FREQUENCY AND PHASE CONTROL,TUNE COARSE AND VERNIER CONTROLS, ADJUST OSCILLOSCOPE CONTROL,ADJUST PHASE CONTROL,SET FREQUENCY CONVERTER SWITCH,ADJUST CLOSURE OF TUNING EYE,SET SELECTOR SWITCH, ADJUST MIXING FREQUENCY SWITCH TO WAVE METER VALUE AND ADJUST TO METER VALUE,READ COUNTER, GET AND ASIDE PENCIL,LOG VALUES,MULTIPLY COUNTER READING BY HARMONIC ORDER ENDS-WITH FREQUENCY DETERMINED
					2160	CASE 01 SET DETECTOR,ADJUST
					1620	02 CONNECT/DISCONNECT/ADJUST
					7330	03 DETERMINE FREQUENCY
NAA	72X	MUA	SLRDT07	SITFT01	980	FREQUENCY,TEST STARTS-WITH REACH TO COARSE FREQUENCY ADJUST CONTROL INCLUDES-ALL THE MOTIONS NECESSARY TO ADJUST COARSE AND FINE FREQUENCY CONTROLS,READ ELECTRONIC VOLTMETER,READ COUNTER ENDS-WITH READ COUNTER
NAA	72X	MUA	SLRDA51	SITGA01	1710	GENERATOR(RADIO FREQUENCY),ADJUST STARTS-WTIH REACH TO GET ADJUSTMENT TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION ADJUSTMENT TOOL,MAKE INITIAL ADJUSTMENT,GET PENCIL,MAKE REFERENCE MARK,ASIDE PENCIL,ROTATE FREQUENCY CONTROL AND ADJUST, REMOVE AND ASIDE TOOL ENDS-WITH ASIDE ADJUSTMENT TOOL CONDITIONS-DOES NOT INCLUDE REMOVE AND REPLACE COVER

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	72X	MAA	GITEMAX	SITHMXX	VARIABLE	HI-POT CHECK,MAKE STARTS-WITH REACH TO GET METER INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE METER IN POSITION,MAKE CHECK,PLACE METER ASIDE ENDS-WITH METER ASIDE CONDITIONS-METER WEIGHS 20 POUNDS ENW
					446	CASE 01 MAKE FIRST FIVE SECOND CHECK
					211	02 MAKE ADDITIONAL FIVE SECOND CHECK
					1973	03 MAKE FIRST ONE MINUTE CHECK
					1738	04 MAKE ADDITIONAL ONE MINUTE CHECK
FFE	72X	MUA	OIGGE11	SITIC01	813	INSULATION,CHECK WITH PORTABLE TESTER AND VARIAC STARTS-WITH GET METER LEADS INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND STRAIGHTEN METER LEADS,CONNECT LEADS,SELECT RANGE,ZERO METER,OBTAIN AND PLACE PROBES TO TWO CONTACTS,CHECK PART,TURN OFF AND ASIDE PROBES ENDS-WITH ASIDE PROBES CONDITIONS-GET,SET-UP AND ZERO METER OCCURS ONCE FOR EVERY FIVE INSULATION CHECKS MADE
NAA	72X	MAA	SLRWT03	SITITXX	VARIABLE	INSULATION/HI-POT(WIRE),TEST STARTS-WITH REACH TO VOLTAGE CONTROL INCLUDES-ALL THE MOTIONS NECESSARY TO ADJUST VOLTAGE PER TECHNICAL MANUAL,POSITION LEADS TO TEST POINTS,MAKE TEST,ASIDE LEADS ENDS-WITH ASIDE TEST LEADS
					610	CASE 01 PERFORM ONE SECOND TEST
					2280	02 PERFORM ONE MINUTE TEST
NAA	72X	TUA	SLROT13	SITOT01	1230	OUTPUT(POWER),TEST STARTS-WITH REACH TO FREQUENCY CONTROL INCLUDES-ALL THE MOTIONS NECESSARY TO ADJUST UNIT TO FREQUENCY AND MAKE INSTANTANEOUS APPEARING READING,ADJUST FREQUENCY CONTROL AND MAKE DELAYED READING,ADJUST POWER OUTPUT LEVEL AND OBTAIN INSTANTANEOUS APPEARING READING, ADJUST FOR DELAYED READING,MAKE READING ENDS-WITH READ FINAL INDICATION
DNA	72X	MAA	ALRDA01	SITPA01	1680	POTENTIOMETER OR TRIMMER,ADJUST STARTS-WITH REACH TO GET DEVICE INCLUDES-ALL THE MOTIONS NECESSARY TO GET THE DEVICE,POSITION FOR WORK,GET WRENCH,LOOSEN LOCKNUT,ASIDE WRENCH,GET SCREWDRIVER,TURN POTENTIOMETER OR TRIMMER(ONE ADJUSTMENT),ASIDE SCREWDRIVER,GET WRENCH,TIGHTEN LOCK NUT,ASIDE WRENCH,REPOSITION DEVICE,RELEASE ENDS-WITH RELEASE DEVICE IN NEW POSITION
FFE	72X	MAA	GITEMA4	SITRC01	171	RANGE(METER),CHANGE AND ADJUST ZERO KNOBS STARTS-WITH REACH TO LEAD INCLUDES-ALL THE MOTIONS NECESSARY TO GET LEAD,REMOVE FROM CONNECTION ON METER,PLACE IN NEW CONNECTION,PLACE PROBE POINTS TOGETHER, ZERO ADJUST METER,REACH TO ONE PROBE IN OTHER HAND ENDS-WITH REACH TO PROBE
NAA	72X	MAA	SLRCTXX	SITROXX	VARIABLE	RESISTANCE,OBTAIN VALUE WITH WHEATSTONE BRIDGE STARTS-WITH REACH TO CONTROL INCLUDES-ALL THE MOTIONS NECESSARY TO ADJUST CONTROL TO APPROXIMATE VALUE,CONNECT LEADS, MAKE INITIAL READING,MAKE ADDITIONAL READINGS, ADJUST COURSE AND FINE READING CONTROLS,ASIDE LEADS ENDS-WITH ASIDE LEADS
					1730	CASE 01 OBTAIN FIRST OR SINGLE READING
					1320	02 OBTAIN EACH ADDITIONAL READING

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	72X	MAA	SLRDT10	SITRT01	2550	REGULATION,TEST STARTS-WITH REACH TO VARIAC CONTROL INCLUDES-ALL THE MOTIONS NECESSARY TO ADJUST VARIAC,WAIT ONE MINUTE,OBSERVE OUTPUT,RESET VARIAC,READ INDICATION(MOMENTARILY APPEARING) ENDS-WITH READ INDICATION
NAA	72X	MAA	CLRPTXX	SITTCXX	VARIABLE	CIRCUIT BOARD,SET UP AND TEST(DIT-M-CO) STARTS-WITH ASIDE COMPONENT AT TEST AREA INCLUDES-ALL THE MOTIONS NECESSARY TO ASIDE COMPONENT AT WORK AREA,INSTALL AND REMOVE BOARD,HOOK UP AND UNHOOK CABLES TO/FROM DIT-M-CO,GET SCHEMATIC AND POSITION TO USE,SET UP MULTIPLE CIRCUIT SELECTION(THREE SWITCHES), TURN DIT-M-CO ON,ACTUATE RESET SWITCHES,RUN THRU MATRIX(ONE SECOND PER POSITION,80 POSITIONS-TWO RUNS)RECORD MALFUNCTION,READ RESISTANCE OF MALFUNCTION ENDS-WITH TEST COMPLETED,SCHEMATIC RETURNED CONDITIONS-APPLIES TO DIT-M-CO TESTER MODELS 200/450 OR 250
					6878	CASE 01 SET UP TO TEST
					11050	02 TEST
					8700	03 RUN ADDITIONAL TEST,FROM SAME SCHEMATIC
NAA	72X	TBA	SLRCT02	SITTTXX	VARIABLE	TRANSISTOR(THREE LEADS),TEST STARTS-WITH REACH TO OBTAIN TESTER INCLUDES-ALL THE MOTIONS NECESSARY TO GET TESTER,UNLATCH AND REMOVE COVER,GET AND UNCOIL LEADS,CONNECT LEADS,MAKE BATTERY CHECK,GET SOLDERING IRON,PLUG IN,INSTALL HEAT SINKS, UNSOLDER THREE LEADS,REMOVE HEAT SINKS,ASIDE IRON,OBTAIN DATA BOOK,LOOK UP MAXIMUM AND MINIMUM DATA,CLIP LEADS TO E-B-C,SET SELECTOR TYPE SWITCH,TURN POWER ON,CHECK FOR SHORT,SET VOLTAGE SELECTOR TO THREE VOLTS,ADJUST POINTER TO RED LINE,TEST TRANSISTOR GAIN,SET VOLTAGE SELECTOR TO 12 VOLTS,TEST COLLECTOR CURRENT, REMOVE TEST LEADS,DISCONNECT SOLDERING IRON, ASIDE IRON,RECOIL TEST LEADS AND PLACE IN METER CASE,REPLACE COVER,SECURE LATCH ENDS-WITH ASIDE METER CONDITIONS-APPLICABLE TO TYPE 1100/U TESTER OR SIMILAR
					6624	CASE 01 TEST FIRST OR SINGLE TRANSISTOR
					4734	02 TEST EACH ADDITIONAL TRANSISTOR
NAA	72X	MAA	SLRCT03	SITTT03	4740	TUBE(ELECTRON),TEST STARTS-WITH SELECT AND READ TUBE DATA INCLUDES-ALL THE MOTIONS NECESSARY TO GET DATA BOOK,READ DATA,ASIDE BOOK,SELECT LINE VOLTAGE AND ADJUST ON TUBE TESTER,SET SEVEN SELECTOR SWITCHES,INSERT TUBE IN TESTER,ROTATE SHORT TEST SWITCH,TAP TUBE WITH FINGER TO TEST FOR SHORT,SELECT RANGE,FUNCTION AND ADJUST BIAS,PUSH TRANSCONDUCTANCE TEST BUTTON AND READ VALUE,TAP TUBE WITH FINGER,REMOVE TUBE FROM TESTER AND ASIDE ENDS-WITH ASIDE TUBE
NAA	72X	MAA	SLRDTAA	SITVCXX	VARIABLE	VOLTAGE/RESISTANCE,CHECK STARTS-WITH REACH TO GET METER INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION METER,GET LEADS AND SHORT TEST PROBES AND ZERO METER,REFER TO SCHEMATIC DIAGRAM,SELECT METER SCALE,LOCATE TEST POINTS, POSITION PROBES,READ METER,ASIDE PROBES AND METER ENDS-WITH ASIDE METER
					2480	CASE 01 SET UP AND MAKE FIRST OR SINGLE CHECK
					1750	02 MAKE EACH ADDITIONAL CHECK

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NAA	72X	MAA	SLRDA07	SITVC03	3430	VOLTAGE(NULL SYNCHRO),CHECK STARTS-WITH REACH TO GET WRENCH INCLUDES-ALL THE MOTIONS NECESSARY TO GET WRENCH,LOOSEN TWO SCREWS OR NUTS THREE THREADS AND ASIDE WRENCH,ADJUST COARSE AND FINE NULL CONTROLS,CHECK NULL VOLTAGE ON TEST PANEL METER,GET NUTS OR SCREWS,TIGHTEN BY HAND THREE TURNS,GET WRENCH AND FINAL TIGHTEN,ASIDE WRENCH ENDS-WITH ASIDE WRENCH CONDITIONS-USE ALLEN,BOX OR OPEN END WRENCH
NAA	72X	MAA	SLRDT11	SITVC04	1050	VOLTAGE/RESISTANCE,CHECK STARTS-WITH REACH TO GET PROBES INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION TWO PROBES,OBTAIN DELAYED READING, CHECK VALUES,REMOVE AND ASIDE PROBES ENDS-WITH ASIDE PROBES
NAA	72X	TUA	JCAVTTX	SITVTXX	VARIABLE	VOLTAGE,TEST STARTS-WITH REACH TO BINDING POST INCLUDES-ALL THE MOTIONS NECESSARY TO LOOSEN BINDING POST,INSTALL LEADS AND TIGHTEN,INSTALL LEADS TO TEST INSTRUMENT,THROW SELECTOR SWITCH AND ADJUST COARSE AND FINE CONTROLS TO EACH CARDINAL POINT TO CHECK LINEARITY,VISUALLY COMPARE READINGS,TURN COARSE AND FINE CONTROLS DOWN,SWITCH TEST INSTRUMENT TO PROPER RANGE TO TEST VOLTAGE,ADJUST CONSOLE TO PROPER RANGE AND ADJUST COARSE AND FINE CONTROLS,COMPARE READINGS,TURN COARSE AND FINE CONTROLS DOWN, LOOSEN BINDING POSTS,REMOVE LEADS,TIGHTEN BINDING POSTS ENDS-WITH TIGHTEN BINDING POSTS
					6380	CASE 01 FIRST OR SINGLE RANGE-READ TOLERANCE TO THREE PERCENT ACCURACY
					900	02 EACH ADDITIONAL RANGE-READ TO THREE PERCENT ACCURACY
					16410	03 FIRST OR SINGLE RANGE-READ TOLERANCE 0.25 TO 1.0 PERCENT ACCURACY
					3790	04 EACH ADDITIONAL RANGE-READ TOLERANCE 0.25 TO 1.0 PERCENT ACCURACY
FFE	72X	MAA	GTLSTA1	MJPSP01	419	SOLDERING IRON(PISTOL GRIP TYPE),PREPARE FOR USE STARTS-WITH DEPRESS TRIGGER INCLUDES-ALL THE MOTIONS NECESSARY TO DEPRESS TRIGGER TO HEAT IRON,GET FLUX AND SOLDER AND PLACE TO WORK AREA,GET BRUSH,CLEAN TIP WITH BRUSH,ASIDE BRUSH,PULL SOLDER FROM ROLL,DIP IRON TIP IN FLUX,REMOVE TIP,PLACE SOLDER TO TIP AND TIN,PLACE SOLDER ASIDE AND RELEASE TRIGGER ENDS-WITH PLACE SOLDER ASIDE,GUN IN HAND CONDITIONS-37.5 TO 47.5 WATT IRON-HEAT UP TIME IS INTERNAL TO CLEANING(BRUSHING)IRON TIP-1/8 TO 3/16 INCH TIP
FFE	72X	MAA	GTLSTA2	MJPSP02	457	SOLDERING IRON(CONVENTIONAL TYPE),PREPARE FOR USE STARTS-WITH IRON IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO PLACE IRON TO HEAT,GET FLUX AND SOLDER,GET IRON WHEN HOT,POSITION IRON,GET BRUSH AND CLEAN TIP, ASIDE BRUSH,PULL SOLDER FROM ROLL,DIP TIP IN FLUX AND REMOVE,PLACE SOLDER TO IRON AND TIN, PLACE SOLDER ASIDE ENDS-WITH SOLDER ASIDE,IRON IN HAND CONDITIONS-37.5 TO 50 WATT IRON,HEATING INTERNAL TO CLEANING-1/8-3/16 INCH TIP

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FFF	72X	T8A	GTLSKA4	MJPSTXX	VARIABLE	SOLDERING IRON,TIN STARTS-WITH REACH TO GET SOLDER INCLUDES-ALL THE MOTIONS NECESSARY TO APPLY A SUFFICIENT AMOUNT OF SOLDER TO THE IRON TIP TO INSURE GOOD CONTACT WHILE SOLDERING ENDS-WITH SOLDER ASIDE,IRON IN HAND CONDITIONS-TIME TO HEAT TIP IS INCLUDED-WELLER TYPE GUN-ALL WATTAGE
					340	CASE 01 TIN BEFORE SOLDERING
					385	02 TIN AFTER CLEANING
FFE	72X	MAA	GITEMA1	SJPMS01	772	METER(ELECTRICAL-OHM,VOLT,ETC.),SET UP AND DISMANTLE STARTS-WITH REACH TO METER CASE LATCH INCLUDES-ALL THE MOTIONS NECESSARY TO UNLATCH AND OPEN THE METER CASE,REMOVE THE METER AND LEADS FROM CASE,REMOVE RUBBER BAND FROM COILED LEADS AND STRAIGHTEN,PLACE LEADS IN SELECTED CONNECTIONS,SET SELECTOR SWITCH,RELEASE,PICK UP LEADS,REMOVE FROM CONNECTIONS,FOLD LEADS SEVEN TIMES,PUT RUBBER BAND ON LEADS,PLACE LEADS IN CASE OR ASIDE,GET,CLOSE AND LATCH CASE ENDS-WITH METER CASE LATCHED
FFF	72X	MAA	GILDSA5	SJPMS02	334	METER(TEST),SET UP AND DISMANTLE STARTS-WITH REACH TO GET LEADS INCLUDES-ALL THE MOTIONS NECESSARY TO GET LEADS,STRAIGHTEN AND CONNECT LEADS,SET RANGE SELECTOR,PICK UP LEADS,REMOVE AND COIL LEADS AND ASIDE COILED LEADS ENDS-WITH LEADS ASIDE
FFH	72X	MAA	KERTMSA	SJPMS03	1810	MULTI-METER,SET UP AND ASIDE(TO PERFORM CONTINUITY OR RESISTANCE CHECK) STARTS-WITH REACH TO GET METER INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION THE METER,OBTAIN AND STRETCH OUT LEADS,PLUG IN METER,CHECK FOR ZERO,ADJUST TO ZERO METER, FOLD LEADS,POSITION PROBES WITH FOLDED LEADS, ASIDE PROBES TO TOOL BOX ENDS-WITH ASIDE METER CONDITIONS-DOES NOT INCLUDE CONTINUITY OR RESISTANCE CHECK
MAA	72X	MAA	ACEAF51	SJPMS04	1254	METER AND MEGGER,SET UP AND TAKE DOWN STARTS-WITH REACH TO GET METER OR MEGGER INCLUDES-ALL THE MOTIONS NECESSARY TO GET A METER AND A MEGGER,UNCOIL AND COIL LEADS,TURN METER SWITCH ON AND OFF,POSITION METER LEADS TOGETHER,ZERO OHMMETER ENDS-WITH ASIDE METER AND MEGGER
FFH	72X	MAA	KERAIP1	SJPTP01	513	TUBING(VINYL),PREPARE FOR INSTALLATION STARTS-WITH GET JAR OF TUBING INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND OPEN JAR OF TUBING,REMOVE PIECE OF TUBE AND WIPE,CUT TO DESIRED LENGTH,CLOSE AND ASIDE JAR ENDS-WITH ASIDE JAR
FFF	72X	MAA	GECPMR1	SNFFR01	329	FUSE,REPLACE STARTS-WITH REACH TO FUSE HOLDER CAP IN UNIT INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE CAP AND FUSE,INSPECT FUSE,ASIDE FUSE AND CAP, GET NEW FUSE FROM BENCH AND REPLACE IN HOLDER, INSTALL HOLDER WITH FUSE IN UNIT ENDS-WITH FUSE LOCKED IN PLACE

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	PART(MATING),REMOVE STARTS-WITH REACH TO MATING PART INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP PART,DEPRESS SPRING AND TURN TO UNLOCK,DISENGAGE FROM BASE OR CAP,ASIDE ENDS-WITH PART ASIDE CONDITIONS-EASY ACCESS
AE	72X	MAO	SECEAXX	MOHCSXX	VARIABLE	CHASSIS,SLIDE FROM AND INTO CASE,ELECTRONICS ASSEMBLY STARTS-WITH REACH TO CASE INCLUDES-ALL MOTIONS NECESSARY TO SLIDE CHASSIS FROM CASE AND RELEASE,GAIN CONTROL; AND SLIDE CHASSIS INTO CASE ENDS-WITH RELEASE OF CHASSIS CONDITION-DOES NOT INCLUDE REMOVAL OR INSTALLATION OF FASTENERS
					157	CASE 01 CHASSIS WITH WEIGHT TO 25 POUNDS
					192	02 CHASSIS WITH WEIGHT 26 TO 50 POUNDS
					249	03 CHASSIS WITH WEIGHT 51 TO 100 POUNDS
NF	72X	MAF	2752	MOHCT01	161	CHASSIS,TURN OVER(WITH CARE) STARTS-WITH REACH TO CHASSIS INCLUDES-ALL THE MOTIONS NECESSARY TO LIFT AND TURN CHASSIS OVER(180 DEGREES),CENTER IN FRONT OF OPERATOR AND PLACE ON BENCH ENDS-WITH RELEASE CHASSIS CONDITIONS-APPLIES TO 30 POUND CHASSIS ONLY
FFH	72X	MAA	KERPLXX	MOHPPXX	VARIABLE	PART,PLUG IN BY HAND STARTS-WITH REACH TO GET PLUG IN COMPONENT INCLUDES-ALL THE MOTIONS NECESSARY TO GET THE COMPONENT,POSITION/ALIGN WITH HOLE,INSTALL ENDS-WITH PLUG IN COMPONENT INSTALLED,HAND ON COMPONENT
					58	CASE 01 ONE PIN PLUG-MATING PORTION OF PART IS CHASSIS MOUNTED NON-THREADED SINGLE PIN CONNECTION-PHONE JACKS,BANANA PLUG,TEST PROBE HELD TO TEST POINT, ETC.
					93	02 TWO PIN PLUG-MATING PORTION IS CHASSIS MOUNTED TWO PIN CONNECTOR WITH TWO GUIDE PINS-ELECTRICAL PLUGS, PLUG IN MODULES,ETC.
					157	03 THREE OR MORE PIN PLUG-MATING PORTION OF PART IS CHASSIS MOUNTED MULTI-PIN CONNECTIONS
FFE	72X	MAA	ITEDL01	SOHCD01	61	CABLE(COAXIAL),DISCONNECT STARTS-WITH REACH TO CONNECTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP CONNECTOR,PUSH IN AND TURN,DISENGAGE AND ASIDE ENDS-WITH ASIDE CONNECTOR
FFE	72X	MAA	KERCHXX	SOHCRXX	VARIABLE	CHASSIS,REMOVE FROM CASE STARTS-WITH REACH TO GET CHASSIS INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND REMOVE CHASSIS FROM CASE AND ASIDE ENDS-WITH CHASSIS ASIDE CONDITIONS-DOES NOT INCLUDE REMOVAL OF FASTENERS
					100	CASE 01 CHASSIS WEIGHS TO 25 POUNDS
					[illegible]	02 CHASSIS WEIGHS 25 TO 50 POUNDS-CASE ON FLOOR-BEND,STOOP OR KNEEL AND ARISE REQUIRED-MOVE CHASSIS WITH CARE
AF	72X	MAB	MOL-1P	SOHCR03	85	CAP AND HANDLE ASSEMBLY,REMOVE FROM CONNECTOR STARTS-WITH GRASP CONNECTOR BY HANDLE INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP THE HANDLE,TURN CONNECTOR,KNOCK OUT CAP ASSEMBLY AND ASIDE CONNECTOR AND CAP ENDS-WITH ASIDE CONNECTOR AND CAP

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NO	72X	MAO	LA1E=2	MPAW001	179	WIRE(LUGGED),PAINT STARTS=WITH WIRE AND BRUSH IN SEPARATE HANDS INCLUDES=ALL THE MOTIONS NECESSARY TO DIP BRUSH IN PAINT,WIPE OFF EXCESS AND MOVE BRUSH TO LUG AND/OR WIRE,DAB OR STROKE PAINT ON ITEM AND TURN WIRE 180 DEGREES AND STROKE OR DAB PAINT ON ITEM ENDS=WITH COMPLETE PAINTING
FFH	72X	TAA	KERPTXX	MPTSMXX	VARIABLE	SOLDER,MELT TO SOLDER/UNSOLDER STARTS=WITH SOLDER IRON CONTACT INCLUDES=ALL THE MOTIONS NECESSARY TO HEAT AREA TO SOLDER MELTING TEMPERATURE AND SOLDER OR UNSOLDER CAPACITOR TO/FROM CHASSIS. ENDS=WITH LIFT IRON FROM CAPACITOR CONDITIONS=APPLIES TO BUTTON TYPE CAPACITOR=SOLDER/UNSOLDER TO/FROM 040 MATERIAL OR CHASSIS WITH 100 WATT IRON
					709	CASE 01 SOLDER=CAPACITOR,THREE TAB BUTTON TYPE
					1176	02 UNSOLDER=INCLUDES TIME TO PRY UP TABS=CAPACITOR,THREE TAB BUTTON TYPE
					203	03 SOLDER OR UNSOLDER 360 DEGREE BUTTON TYPE CAPACITOR
AF	72X	TUW	SESEAXX	MPTSTXX	VARIABLE	WIRE,SOLDER TO TERMINAL=PROCESS TIME ONLY STARTS=WITH ACTUATE SWITCH ON GUN INCLUDES=ALL TIME NECESSARY TO TURN ON SOLDERING GUN,MOVE TO CONNECTION,APPLY HEAT TO CONNECTION,MOVE SOLDER TO CONNECTION,ALLOW SOLDER TO FLOW AROUND CONNECTION,REMOVE GUN AND SOLDER FROM CONNECTION ENDS=WITH GUN AND SOLDER IN HANDS,MOVED FROM CONNECTION CONDITIONS=VALUES DO NOT INCLUDE TOOL OR PART HANDLING. SOLDER USED=60/40 TIN AND ALLOY, ROSIN CORE,1/8 INCH DIAMETER
					260	CASE 01 PROCESS TIME TO SOLDER TERMINAL TO WIRE,UP TO 20 GAUGE OR EQUIVALENT
					290	02 PROCESS TIME TO SOLDER TERMINAL TO WIRE,UP TO 18 GAUGE OR EQUIVALENT
					340	03 PROCESS TIME TO SOLDER TERMINAL TO WIRE,UP TO 16 GAUGE OR EQUIVALENT
					360	04 PROCESS TIME TO SOLDER TERMINAL TO WIRE,UP TO 14 GAUGE OR EQUIVALENT
AF	72X	TUW	SESEAXX	MPTSWXX	VARIABLE	SOLDER,WIRE TO WIRE=PROCESS TIME ONLY STARTS=WITH ACTUATE SWITCH ON GUN INCLUDES=ALL TIME NECESSARY TO TURN ON SOLDERING GUN,MOVE TO WIRES,APPLY HEAT TO WIRES, MOVE SOLDER TO WIRES,ALLOW SOLDER TO FLOW AROUND WIRES,REMOVE SOLDER AND GUN FROM WIRES ENDS=WITH GUN AND SOLDER IN HANDS,MOVED FROM WIRES CONDITIONS=VALUES DO NOT INCLUDE TOOL OR PART HANDLING. SOLDER USED=60/40 TIN AND ALLOY, ROSIN CORE,1/8 INCH DIAMETER
					300	CASE 01 PROCESS TIME TO SOLDER WIRE TO WIRE, UP TO 20 GAUGE OR EQUIVALENT
					400	02 PROCESS TIME TO SOLDER WIRE TO WIRE, 18 AND 16 GAUGE OR EQUIVALENT
					550	03 PROCESS TIME TO SOLDER WIRE TO WIRE, 14 GAUGE OR EQUIVALENT
FFH	72X	MAA	KERFSRA	STFSB01	959	SCREW(CAPTIVE),BACK OUT AND RESEAT STARTS=WITH REACH TO GET TOOL INCLUDES=ALL THE MOTIONS NECESSARY TO REMOVE ONE SCREW WITH A SCREWDRIVER,TIGHTEN OR LOOSEN BY HAND,REMOVE WITH HAND(UNOBSTRUCTED),INSTALL WITH HAND(EASY,VISIBLE),TIGHTEN OR LOOSEN BY HAND,INSTALL SCREW WITH SCREWDRIVER ENDS=WITH ASIDE TOOL CONDITIONS=UP TO AND INCLUDING 1/4 INCH DIAMETER SCREW

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NAA	72X	MAA	JCECRPP	MTLCR01	5237	COMPOUND(POTTING),REMOVE STARTS-WITH KNIFE IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO CUT OUT AND REMOVE POTTING COMPOUND FROM TYPICAL POTTED AREA CONTAINING PINS,WIRES OR OTHER OBJECTS,ASIDE OLD COMPOUND,INSPECT WORK ENDS-WITH INSPECT WORK CONDITIONS-PER 1/2 CUBIC INCH
AF	72X	MAB	MDL-1F	MTLGR01	111	GROMMET(RUBBER),REMOVE FROM BODY OF CONNECTOR ASSEMBLY STARTS-WITH PLIERS IN HAND NEAR ASSEMBLY INCLUDES-ALL THE MOTIONS NECESSARY TO PLACE JAWS OF PLIERS AROUND GROMMET,DISENGAGE GROMMET FROM CONNECTOR,ASIDE GROMMET ENDS-WITH PLIERS IN HAND,GROMMET RELEASED
FFH	72X	MAA	KERTUSA	MTLPS01	85	PINS(TUBE),STRAIGHTEN,USING PIN STRAIGHTENER STARTS-WITH REACH TO TUBE OR PIN STRAIGHTENER INCLUDES-ALL MOTIONS NECESSARY TO STRAIGHTEN PINS OF A MINIATURE OR SEMI-MINIATURE GLASS ELECTRONIC TUBE ENDS-WITH TUBE REMOVED FROM STRAIGHTENER AND TUBE IN HAND CONDITIONS-A PIN STRAIGHTENER IS NOT USED ON STANDARD OCTAL TUBE PINS
FFD	72X	MAA	KERTLXX	MTLTIXX	VARIABLE	TERMINAL,INSTALL STARTS-WITH REACH TO GET TERMINAL INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND INSTALL A SINGLE TERMINAL ON A STUD WITH WASHER,SCREW/BOLT AND LOCKNUT,ALIGN TERMINAL ENDS-WITH ASIDE TOOL
					1133	CASE 01 INSTALL FIRST OR SINGLE TERMINAL ON STUD
					111	02 INSTALL EACH ADDITIONAL TERMINAL ON SAME STUD
FFH	72X	MAA	KERTLAA	MTLTI03	1424	TERMINAL AND LUG ASSEMBLY,INSTALL STARTS-WITH REACH TO GET TERMINAL LUG INCLUDES-ALL THE MOTIONS NECESSARY TO GET LUG, INSULATOR,PLACE LUG ON SCREW,PLACE WASHERS ON SCREW,INSTALL LOCKNUT AND SCREW,ALIGN LUG ENDS-WITH ALIGN LUG OR ASIDE TOOL CONDITIONS-SCREWDRIVER AND BACK-UP WRENCH REQUIRED NOTE-ADD 27% TMUS WHEN TECHNICAL ORDER MUST BE READ TO LOCATE POINT ON CHASSIS
FFH	72X	MAA	KERTLAD	MTLTI04	1817	TERMINAL(POST),INSTALL STARTS-WITH REACH TO GET TERMINAL POST INCLUDES-ALL THE MOTIONS NECESSARY TO FIT PART WITH SINGLE BOLT/SCREW AND INSTALL LOCKNUT WITH PLIERS(OBSTRUCTED) ENDS-WITH ASIDE TOOLS
FFD	72X	MAA	KERTLXX	MTLTRXX	VARIABLE	TERMINAL ASSEMBLY,REMOVE STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE TERMINAL FROM CHASSIS ENDS-WITH ASIDE TOOL(S)
					1175	CASE 01 REMOVE TERMINAL AND TERMINAL ASSEMBLY, THREE WASHERS,SCREW AND NUT SECURED WITH LOCKNUT
					956	02 REMOVE TERMINAL(S) FROM STUD FASTENED WITH LOCKNUT AND WASHER
					332	03 REMOVE TERMINAL WITH HAMMER AND CHISEL AND PUNCH

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AE	72X	MAO	SESEAXX	MTLTR04	373	TIP,REMOVE AND REINSTALL ON ELECTRIC SOLDERING GUN STARTS-WITH PLACE WRENCH TO NUT ON TIP INCLUDES-ALL MOTIONS NECESSARY TO USE WRENCH TO LOOSEN NUT ON TIP,ASIDE WRENCH,REMOVE NUT BY HAND,REMOVE AND ASIDE TIP;POSITION TIP ONTO GUN,RUN DOWN NUT,GET WRENCH AND TIGHTEN NUT ENDS-WITH WRENCH AND SOLDERING GUN IN HANDS
NAA	72X	MAA	SLAPN03	MTLWI01	815	PIN,INSTALL ON WIRE WITH CRIMPER STARTS-WITH REACH TO GET WIRE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE WIRE AT WORKPLACE,GET DYKES,CUT WIRE AND ASIDE DYKES,GET WIRE STRIPPER(MECHANICAL)AND STRIP WIRE,REMOVE INSULATION AND ASIDE STRIPPER,GET WIRE,TWIST,PLACE WIRE ON PIN AND VERIFY INSERTION,GET CRIMPER,CRIMP PIN ON WIRE,RELEASE CRIMPER AND REMOVE PIN,ASIDE CRIMPER ENDS-WITH ASIDE CRIMPER AND WIRE
NAA	72X	MAA	SCEPRXX	STLPRXX	VARIABLE	PIN,REPLACE AND REINSTALL STARTS-WITH GET PLUG INCLUDES-ALL MOTIONS NECESSARY TO GET EXTRACTOR TOOL,SELECT AND REMOVE WIRED PIN, REMOVE PUSH PIN,INSTALL AND CRIMP NEW PIN,AND REINSTALL PIN IN CONNECTOR ENDS-WITH ASIDE TOOL
					2140	CASE 01 FIRST PIN
					1710	02 EACH ADDITIONAL PIN
NAA	72X	MAA	JCEWRCW	STLPR01	3550	PIN(ELECTRICAL PLUG),REPLACE STARTS-WITH REACH TO GET REMOVAL TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO IDENTIFY PIN LETTER REAR AND FRONT,GET REMOVAL TOOL, POSITION TOOL TO PIN,PRESS OUT PIN,ASIDE TOOL, GET CUTTER AND CUT WIRE FROM PIN,ASIDE CUTTER AND PIN,REACH TO GET WIRE,STRIP WIRE,ASIDE STRIPPER,GET PIN AND CRIMPER,CRIMP WIRE TO PIN AND ASIDE CRIMPER,OBTAIN TOOL AND POSITION TO PIN,CHECK SCHEMATIC TO LOCATE PIN NUMBER ON PLUG,POSITION AND INSERT PIN IN PLUG,ASIDE TOOL AND CHECK PIN ENDS-WITH CHECK INSTALLATION
NAA	72X	MAA	SLRCRXX	STLTRXX	VARIABLE	TUBING(SHRINKABLE),REMOVE START-WITH REACH TO GET RAZOR BLADE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION BLADE TO TUBING,CUT TUBING WITH TWO STROKES,ASIDE BLADE,REMOVE TUBING,RETURN BLADE ENDS-WITH RETURN BLADE CONDITIONS-TUBE DIAMETER TO 1/4 INCH,UP TO TWO INCHES LONG
					639	CASE 01 REMOVE FIRST OR SINGLE PIECE(TWO INCH)
					269	02 REMOVE EACH ADDITIONAL PIECE(TWO INCH)
NAA	72X	TUA	SLASHXX	STPSHXX	VARIABLE	SLEEVING(ELECTRICAL WIRE),HEAT TO SHRINK STARTS-WITH REACH TO THERMAL GUN INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION THERMAL GUN,HEAT SLEEVING,ASIDE GUN ENDS-WITH ASIDE GUN
					600	CASE 01 SLEEVING TO 1/2 INCH DIAMETER AND TWO INCHES LONG-FIRST OR SINGLE PIECE
					430	02 SLEEVING TO 1/2 INCH DIAMETER AND TWO INCHES LONG-EACH ADDITIONAL PIECE
					1060	03 SLEEVING 1/2 TO ONE INCH DIAMETER AND TO TWO INCHES LONG-FIRST OR SINGLE PIECE
					930	04 SLEEVING 1/2 TO ONE INCH DIAMETER AND TO TWO INCHES LONG EACH ADDITIONAL PIECE

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FFH	72X	MAA	KERHUXX	MVSBRXX	VARIABLE	BOARD(PRINTED CIRCUIT),REMOVE FROM JIG AND INSTALL IN JIG STARTS-WITH REACH TO GET CIRCUIT BOARD INCLUDES-ALL THE MOTIONS NECESSARY TO APPLY PRESSURE TO LOOSEN BOARD,REMOVE BOARD FROM JIG AND ASIDE,GET BOARD,PLACE IN JIG,MOVE ON SLIDES IN JIG ENDS-WITH CIRCUIT BOARD ASIDE OR INSTALLED IN JIG CONDITIONS-BENCH TYPE ADJUSTABLE JIG WITH SLIDE HOLDER
					55	CASE 01 REMOVE FROM JIG
					61	02 INSTALL IN JIG
					145	03 REMOVE,TURN AND REINSTALL
FFD	72X	MAA	KERCCXX	MWHC1XX	VARIABLE	CONNECTOR END,INSTALL ON COAXIAL CABLE STARTS-WITH REACH TO GET COAX CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO UNCOIL CABLE,SEPARATE SHIELD,UNSTRAND,PLACE FERRULE ON CABLE,PLACE RUBBER WASHER AND FLANGED COLLAR ON CABLE,ATTACH SHIELD TO COLLAR,CUT WIRE,GET SOLDERING IRON,TIN IRON,APPLY SOLDER TO WIRE,PLACE PIN ON WIRE END,PUSH FERRULE TO CONNECTOR,RUN DOWN BY HAND,TIGHTEN WITH TOOL ENDS-WITH FINAL TIGHTEN CONNECTOR
					3852	CASE 01 CABLE DIAMETER TO AND INCLUDING 1/4 INCH-ONE END ONLY
					6202	02 CABLE DIAMETER GREATER THAN 1/4 INCH AND LESS THAN OR EQUAL TO 1/2 INCH BOTH ENDS
NAA	72X	MAA	SLAWNRC	MWHCL01	2297	CLAMP(HARNESS),LOOSEN AND TIGHTEN STARTS-WITH REACH TO GET WIRE BUNDLE AT CLAMP INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP WIRE BUNDLE,EXAMINE AREA,GET WRENCH,LOOSEN BOLT,ASIDE WRENCH,GET WRENCH,TIGHTEN BOLT, ASIDE WRENCH ENDS-WITH ASIDE WRENCH
FFE	72X	MAA	GWHISXX	MWHI1XX	VARIABLE	INSULATION(SPAGHETTI),INSTALL ON WIRE(S) STARTS-WITH REACH TO GET WIRE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND ALIGN WIRE(S)AND PLACE THROUGH INSULATION,CUT SPAGHETTI TO LENGTH ENDS-WITH WIRE IN PLACE THROUGH INSULATION
					266	CASE 01 SINGLE WIRE-ONE FOOT OF INSULATION
					644	02 TWO TO NINE WIRES-FIRST OR SINGLE FOOT OF INSULATION
					160	03 TWO TO NINE WIRES-EACH ADDITIONAL FOOT OF INSULATION
NO	72X	MAO	LAIS-1	MWHLA01	175	LUG,ATTACH TO CONTACT WITH SCREW STARTS-WITH SCREW AND SCREW STARTER IN SEPARATE HANDS INCLUDES-ALL THE MOTIONS NECESSARY TO GET WIRE WITH HAND HOLDING SCREW,PUT STARTER IN SCREW SLOT,ACTUATE STARTER SPRING,MOVE WIRE AND SCREW TO HOLE,ENGAGE SCREW,TURN STARTER(EIGHT TIMES),RELEASE WIRE,PALM STARTER ENDS-WITH SCREW STARTER IN HAND
FFF	72X	MAA	GWHCLA1	MWHLC01	352	LUG(TERMINAL),CRIMP TO WIRE END STARTS-WITH REACH TO GET LUG INCLUDES-ALL THE MOTIONS NECESSARY TO GET LUG, PLACE ON WIRE END,GET CRIMPERS AND CRIMP LUG ON WIRE,ASIDE CRIMPERS,GET PLIERS AND GRASP LUG,HOLD LUG WITH PLIERS,TEST CRIMP BY PULLING LUG AND WIRE ENDS-WITH LUG HELD BY PLIERS READY TO INSTALL

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	72X	MAU	SEWEAXX	MWHLFXX	VARIABLE	LOOP,FORM OR OPEN WITH PLIERS STARTS-WITH WIRE AND PLIERS IN HANDS INCLUDES-ALL MOTIONS NECESSARY TO OPEN PLIERS, POSITION TO WIRE AND BEND WIRE TO FORM LOOP AS INDICATED ENDS-WITH LOOP FORMED OR OPEN,PLIERS IN HAND CONDITIONS-APPLIES TO WIRE SIZES AND TYPES NORMALLY USED IN ELECTRONIC AND RADIO COMMUNICATION EQUIPMENT
					60	CASE 01 FORM OR OPEN LOOP-180 DEGREES
					92	02 FORM OR OPEN LOOP-360 DEGREES
FFE	72X	MAA	GWHWSXX	MWHLRXX	VARIABLE	LEAD(WIRE),REMOVE/INSTALL TO BINDING POST STARTS-WITH REACH TO BINDING POST INCLUDES-ALL THE MOTIONS NECESSARY TO LOOSEN BINDING POST NUT,REMOVE AND ASIDE LEAD,REACH TO AND LOOSEN BINDING POST NUT,GET AND INSTALL LEAD,TIGHTEN BINDING POST NUT FINGER TIGHT ENDS-WITH ASIDE LEAD(REMOVE)OR WITH NUT TIGHT (INSTALL) CONDITIONS-LEAD ENDS WITH LUG,SPADE/HOOK OR PIN/PIGTAIL
					75	CASE 01 REMOVE
					163	02 INSTALL
MF	72X	MAA	44?	MWHNI01	142	NUT(PLASTIC WIRE SPLICER),INSTALL STARTS-WITH WIRES AND NUT IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE AND POSITION NUT ON WIRES,TWIST NUT TIGHT ENDS-WITH RELEASE NUT
MAA	72X	MAA	SLRWN06	MWHPI01	660	PIN(WITH WIRE),INSTALL IN CONNECTOR STARTS-WITH REACH TO GET PLUG INCLUDES-ALL THE MOTIONS NECESSARY TO GET PLUG AND WIRE WITH PIN ATTACHED,READ WIRE NUMBER, LOOK AT PRINT TO OBTAIN PIN NUMBER,LOCATE PIN HOLE IN PLUG,INSERT IN HOLE,GET PLIERS AND PUSH PIN INTO CONNECTOR,HOLD PLUG,REMOVE AND ASIDE PLIERS ENDS-WITH ASIDE PLIERS TO TOOL TRAY
FFE	72X	MAA	GWHHSA1	MWHSC01	179	SINK(HEAT),CLAMP TO AND REMOVE FROM WIRE STARTS-WITH REACH TO GET HEAT SINK INCLUDES-ALL THE MOTIONS NECESSARY TO GET HEAT SINK FROM BENCH TOP,POSITION AND MOUNT SINK ON WIRE,REMOVE FROM WIRE AND ASIDE ENDS-WITH HEAT SINK ASIDE CONDITIONS-SPRING CLIP TYPE HEAT SINK,USED TO DISSIPATE HEAT DURING SOLDERING HEAT SENSITIVE ITEMS
FFH	72X	MAA	KERWSA1	MWHSP01	873	SHIELD(METAL),PREPARE ON STRANDED WIRE FOR GROUND STARTS-WITH GET METAL SHIELD ON WIRE INCLUDES-ALL MOTIONS NECESSARY TO FABRICATE A GROUND LEAD FROM METAL SHIELD END FROM WIRE ENDS-WITH TIN SHIELD END(PIGTAIL) CONDITIONS-12 TO 26 GAGE SHIELDED,INSULATED, STRANDED WIRE
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	VARIABLE	SPLICE(WIRE),WRAP WITH TAPE STARTS-WITH WIRE AND TAPE IN SEPARATE HANDS INCLUDES ALL THE MOTIONS NECESSARY TO PLACE END OF TAPE ON SPLICE,WRAP AROUND SPLICE,TEAR TAPE FROM ROLL ENDS-WITH TEAR TAPE FROM ROLL CONDITION-PER INCH WRAPPED
					172	CASE 01 UP TO ONE INCH,FIRST OR SINGLE
					24	02 EACH ADDITIONAL 1/4 INCH

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AF	72X	MAA	494	MWHWA01	70	WIRE,ATTACH LOOP TO TERMINAL STARTS-WITH WIRE ON TERMINAL,PLIERS IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION PLIERS TO WIRE,GRASP WIRE LOOP AND TIGHTEN, ASIDE PLIERS ENDS-WITH ASIDE PLIERS
FFH	72X	MAA	KERWSDX	MWHWRXX	VARIABLE	WIRE,REMOVE UNSOLDERED OR CUT STRANDED WIRE FROM SET/UNIT STARTS-WITH LOCATE TERMINAL INCLUDES-ALL MOTIONS NECESSARY TO REMOVE WIRE ENDS-WITH ASIDE WIRE CONDITIONS-12 TO 26 GAGE WIRE UP TO 12 INCHES LONG-DOES NOT INCLUDE TIME TO CUT OR UNSOLDER WIRE FROM TERMINAL
					394	CASE 01 REMOVE UP TO FIRST 12 INCHES
					139	02 REMOVE EACH ADDITIONAL SIX INCHES
FFE	72X	TUA	GWHWSD5	MWHWR03	428	WIRE(STRANDED),REMOVE FROM PLUG PIN(UNSOLDER) STARTS-WITH REACH TO GET PLIERS INCLUDES-ALL THE MOTIONS NECESSARY TO GET PLIERS,GRASP SPAGHETTI AND RAISE FROM PIN,GET AND POSITION SOLDERING IRON TO PIN,GET PLIERS AND PULL WIRE FROM PIN,ASIDE PLIERS ENDS-WITH ASIDE PLIERS
FFH	72X	MAA	KERWSPX	MWHWTXX	VARIABLE	WIRES(STRANDED),TWIST TOGETHER IN PAIRS STARTS-WITH GET WIRES INCLUDES-ALL MOTIONS TO TWIST TWO WIRES TOGETHER ENDS-AFTER LAST TWIST CONDITIONS-ONE OVERLAY PER INCH
					114	CASE 01 TWIST TWO STRANDED WIRES-ONE OVERLAY
					29	02 TWIST TWO STRANDED WIRES-EACH ADDITIONAL OVERLAY
					259	03 TWIST TWO STRANDED WIRES-SIX INCHES IN LENGTH
					433	04 TWIST TWO STRANDED WIRES-TWELVE INCHES IN LENGTH
FFE	72X	MAA	GWHCWA2	MWHWT05	157	WIRE,TWIST ON TERMINAL STARTS-WITH WIRE IN LEFT HAND,PLIERS IN RIGHT HAND INCLUDES-ALL THE MOTIONS NECESSARY TO PLACE WIRE ON TERMINAL,TWIST WIRE ON TERMINAL,REMOVE PLIERS FROM LEAD ENDS-WITH LEFT HAND HOLDING WIRE OR TERMINAL AND RIGHT HAND HOLDING OPEN PLIERS NEAR TERMINAL

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KERWXXX	TWHWRXX	TABLE	WIRE,REMOVE FROM VARIOUS TERMINALS,NORMAL AND RESTRICTED ACCESS STARTS-WITH LOCATE TERMINAL INCLUDES-ALL MOTIONS AND TIME NECESSARY TO UNSOLDER WIRE FROM TWO TERMINALS,CLEAN TERMINALS,REMOVE AND ASIDE WIRE ENDS-WITH ASIDE WIRE CONDITIONS-12 TO 26 GAGE WIRE

TYPE OF WIRE AND TERMINALS		ACCESS NORMAL A	ACCESS RESTRICTED B
REMOVE BUS OR SOLID WIRE FROM PIN OR POST TERMINAL	A	3251	5039
REMOVE BUS OR SOLID WIRE FROM AN EYELET TERMINAL	B	3779	4939
REMOVE BUS OR SOLID WIRE FROM PIN OR POST TERMINAL 73 PERCENT OF THE TIME AND FROM EYELET TERMINAL 27 PERCENT OF THE TIME	C	3393	5012
REMOVE STRANDED,NON-SHIELDED,INSULATED WIRE FROM TWO POST TERMINALS-12 INCHES LONG	D	3242	5030
REMOVE STRANDED,NON-SHIELDED,INSULATED WIRE FROM TWO EYELET TERMINALS-12 INCHES LONG	E	3770	4930
REMOVE STRANDED,NON-SHIELDED WIRE UP TO 12 INCHES LONG-POST TERMINAL 40 PERCENT AND EYELET TERMINAL 60 PERCENT OF THE TIME	F	3559	4970
REMOVE STRANDED,NON-SHIELDED,INSULATED WIRE FROM PIN TERMINAL ONE END AND FROM EYELET TERMINAL ON OTHER END-12 INCHES LONG	G	2727	3307
REMOVE STRANDED,NON-SHIELDED,INSULATED WIRE FROM PIN TERMINAL ONE END AND FROM EYELET TERMINAL ON OTHER END-12 INCHES LONG-REMOVE GROUND LEAD FROM TERM	H	5172	5994

FFF	72X	MAA	GWHWWAI	SWHCC01	2066	CABLE(COAXIAL),CUT AND TERMINATI STARTS-WITH REACH TO GET WIRE INCLUDES-ALL THE MOTIONS NECESSARY TO GET, MEASURE AND CUT WIRE,ASIDE REMAINDER WIRE, STRAIGHTEN WIRE BY HAND,STRIP END OF WIRE,GET AND LOOSEN SHIELD,GET CUTTERS,CUT AND TRIM SHIELD,GET AND PREPARE VINYL TUBE FOR INSTALLATION,SLIP TUBING OVER INSULATION, INSPECT,ASIDE WIRE,SHIELD TRIMMINGS ENDS-WITH ASIDE SHIELD TRIMMINGS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	72X	MAA	OWHTMXX	SWHCIXX	VARIABLE	CONNECTOR(CABLE),INSTALL AND REMOVE STARTS-WITH REACH TO WIRE OR CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO OBTAIN STRIPPING TOOL,STRIP INSULATION,OBTAIN AND INSULATE TERMINATOR BY CRIMPING,SOLDERING AND ASSEMBLING AS NECESSARY;OR CUT WIRE AND/OR UNSOLDER AND DISASSEMBLE TERMINATOR AS NECESSARY ENDS-WITH ASIDE TOOLS,WIRE OR CABLE AND TERMINATOR CONDITIONS-DOES NOT INCLUDE THE USE OF SPECIAL TOOLS TO STRIP COAXIAL AND TRIAXIAL CABLES
					779	CASE 01 INSTALL LUGS OR SPLICES,NO.10 TO NO.22 WIRE
					3084	02 INSTALL SHIELDED CABLE CONNECTIONS USING AMP NO.47750 CRIMPING TOOL
					4255	03 INSTALL COAXIAL CABLE CONNECTORS, WEDGE LOCK(SMALL,SINGLE SHIELDING)
					993	04 REMOVE COAXIAL CABLE CONNECTORS WEDGE-LOCK(SMALL,SINGLE SHIELDING)
					7772	05 INSTALL COAXIAL CABLE CONNECTORS WEDGE-LOCK(LARGE,DOUBLE SHIELDING)
					1433	06 REMOVE COAXIAL CABLE CONNECTORS WEDGE-LOCK(LARGE,DOUBLE SHIELDING)
					14189	07 INSTALL TRIAXIAL CABLE CONNECTORS, AMP 165-38-1001 OR SIMILAR
					4596	08 REMOVE TRIAXIAL CABLE CONNECTORS, AMP 165-38-1001 OR SIMILAR
FFH	72X	MAA	KERWCAA	SWHCI09	11732	CABLE(SHIELDED/COAXIAL),INSTALL STARTS-WITH READ TECHNICAL ORDER INCLUDES-ALL THE MOTIONS NECESSARY TO READ T/O,GET COIL OF WIRE,UNCOIL AND STRAIGHTEN, GET STRIPPER AND STRIP WIRE,LOOSEN METAL SHIELD,GET CUTTERS AND CUT SHIELD,ASIDE CUTTER AND GET PLIERS,TRIM SHIELD,GET AND PREPARE VINYL TUBING FOR INSTALLATION,INSTALL TUBING ON LEAD,TIN STRANDED WIRE LEAD,READ T/O AND LOCATE POINT ON CHASSIS,TURN UNIT 180 DEGREES, MEASURE AND CUT LEAD TO LENGTH,TWIST LEAD AROUND TERMINAL(POST TYPE)WITH PLIERS,CRIMP LEAD TO TERMINAL,CUT EXCESS LEAD,GET SOLDERING IRON AND SOLDER TIN IRON AND LEAD,SOLDER LEAD TO TERMINAL,INSPECT JOINT,ASIDE IRON,READ T/O, LOCATE PIN IN PLUG/RECEPTACLE,REMOVE CONNECTOR CAP,REMOVE PIN(WITH PLIERS),ASIDE PIN AND PLIERS,GET COAX CABLE,PLACE INSULATOR ON LEAD, CUT WIRE TO LENGTH,STRIP WIRE,GET SOLDERING IRON AND TIN LEAD,ASIDE IRON,PLACE PIN IN VISE ON WORKBENCH(PORTABLE VISE),TIN PIN,PLACE WIRE IN PIN,SOLDER WIRE TO PIN,REMOVE PIN AND WIRE FROM VISE,REPLACE PIN IN CONNECTOR,ASIDE VISE DRESS LEADS,READ T/O,LOCATE POINT ON CHASSIS ROUTE WIRE-HARNESS TO TERMINAL,TURN UNIT 180 DEGREES,READ T/O,LOCATE POINT ON TERMINAL BOARD,MEASURE AND CUT GROUND WIRE,TWIST STRANDED WIRE AND TIN,WRAP LEAD ON EYELET TERMINAL,TIN IRON,SOLDER GROUND LEAD TO EYELET AND INSPECT JOINT,ASIDE IRON,DRESS LEAD ENDS-WITH DRESS LEAD AND ASIDE PLIERS CONDITIONS-INSTALL 12-16 GAUGE WIRE TO POST TERMINAL,EYELET TERMINAL AND TO PIN-100 WATT SOLDERING IRON-UNIT WEIGHS 20 POUNDS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KERWCA1	SWHCI10	2654	CABLE(COAXIAL),INSTALL WITH THREADED CAP STARTS-WITH REACH TO GRASP CONNECTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET PLIERS,LOOSEN CAP ON CONNECTOR,REMOVE CAP AND ASIDE TO WORKBENCH,ASIDE PLIERS,REMOVE AND ASIDE INSULATOR,GET PLIERS AND REMOVE PIN FROM CONNECTOR,ASIDE PIN AND PLIERS,GET CABLE AND SLIDE INSULATOR ON LEAD,CUT WIRE TO LENGTH, STRIP WIRE,GET SOLDERING IRON AND SOLDER,TIN IRON,PLACE PORTABLE VISE ON WORKBENCH,PLACE PIN IN VISE,TIN TERMINAL,PLACE WIRE IN PIN, SOLDER WIRE IN PIN,REMOVE PIN FROM VISE,GET CONNECTOR AND INSERT PIN,ASIDE VISE,GET CAP FROM WORKBENCH,PLACE ON WIRE,SLIDE INTO POSITION ON CONNECTOR,GET PLIERS AND TIGHTEN CAP ON CONNECTOR,ASIDE PLIERS ENDS-WITH ASIDE PLIERS CONDITIONS-100 WATT IRON-12-16 GAUGE WIRE-CONNECTOR WITH UNUSED CAP AND PIN ASSEMBLY INSTALLED
MAA	72X	MAA	SLRCR02	SWHCRXX	VARIABLE	COMPONENT,REPLACE STARTS-WITH REACH TO GET SOLDERING IRON INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION IRON TO LEADS,UNSOLDER TWO LEADS AND ASIDE COMPONENT,PICK UP NEW COMPONENT, VERIFY VALUE,POSITION COMPONENT TO CHECK FIT, CUT LEADS TO FIT,POSITION SOLDERING IRON AND FORM,INSTALL HEAT SINKS,SOLDER LEADS(TWO),REMOVE HEAT SINKS,FORM STRESS RELIEF,STRIP WIRE AND WICK OFF EXCESS SOLDER,ASIDE IRON ENDS-WITH ASIDE SOLDERING IRON CONDITIONS-APPLIES TO ALL TUBULAR TYPE RESISTORS OR CAPACITORS
					1910	CASE 01 REMOVE COMPONENT
					7620	02 GET AND INSTALL COMPONENT
					9530	03 REPLACE COMPONENT
FFH	72X	MAA	KERWCDA	SWHCR04	5734	CABLE(SHIELDED/COAXIAL),REMOVE STARTS-WITH READ TECHNICAL ORDER INCLUDES-ALL MOTIONS NECESSARY TO READ,T/O, LOCATE PART ON CHASSIS,TURN UNIT 180 DEGREES AND GET CONNECTOR AND PLIERS,LOOSEN CAP ON CONNECTOR WITH PLIERS,SLIDE CAP ON CABLE,GET WIRE AND PULL PIN FROM CONNECTOR(PLUG/RECEPTACLE),GET PLIERS,HOLD PIN WITH PLIERS AND PUSH WIRES ASIDE FOR ACCESS,GET SOLDERING IRON AND SOLDER AND TIN IRON,UNSOLDER WIRE FROM PIN,REMOVE WIRE,ASIDE PLIERS,SLIDE CAP AND INSULATOR FROM CABLE AND ASIDE,CLEAN TERMINAL WITH VACUUM,GET AND READ T/O,LOCATE TERMINAL, GET SOLDER AND SOLDERING IRON,TIN IRON,UNSOLDER GROUND WIRE FROM EYELET TERMINAL,ASIDE IRON,GET SOLDERING AID AND PLACE TO WIRE END, MOVE WIRE UP AND DOWN WITH AID AND ASIDE AID TO WORKBENCH,GET PLIERS,GRASP WIRE WITH PLIERS AND PULL FROM TERMINAL,ASIDE PLIERS,CLEAN TERMINAL WITH IRON AND RAG,ASIDE,READ T/O, LOCATE POINT ON CHASSIS AND TURN UNIT 180 DEGREES,CLEAN TERMINAL WITH VACUUM,GET IRON AND TIN,UNSOLDER WIRE FROM TERMINAL USING SOLDERING AID,ASIDE AID,GET PLIERS,GRASP WIRE AND PULL FROM TERMINAL,CLEAN TERMINAL WITH IRON AND RAG,ASIDE PLIERS,IRON AND RAG,GET PLIERS, GRASP COAX AND REMOVE,ASIDE PLIERS AND COAX ENDS-WITH ASIDE COAXIAL CABLE CONDITIONS-REMOVE 16-13 GAUGE WIRE FROM PIN-24-17 GAUGE WIRE(GROUND)FROM EYELET TERMINAL AND POST TERMINAL-100 WATT SOLDERING IRON-UNIT WEIGHS 20 POUNDS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KERWCD1	SWHCR05	929	CABLE(COAXIAL),REMOVE FROM CONNECTOR WITH THREADED CAP STARTS=WITH REACH TO CONNECTOR INCLUDES=ALL MOTIONS NECESSARY TO GRASP AND HOLD CONNECTOR,GET PLIERS AND LOOSEN CAP ON CONNECTOR,SLIDE CAP ON COAX CABLE,PULL PIN FROM CONNECTOR WITH PLIERS,HOLD PIN WITH PLIERS,GET SOLDERING IRON AND TIN IRON,UN-SOLDER WIRE FROM PIN,REMOVE PIN,CLEAN WITH VACUUM,ASIDE PIN AND PLIERS,SLIDE CAP AND INSULATOR FROM WIRE AND ASIDE ENDS=WITH ASIDE CAP AND INSULATOR CONDITIONS=100 WATT SOLDERING IRON=12-16 GAUGE WIRE
FFD	72X	MAA	KERCCXX	SWHCSXX	VARIABLE	CABLE(COAXIAL),STRIP INSULATION STARTS=WITH REACH TO GET KNIFE INCLUDES=ALL THE MOTIONS NECESSARY TO CUT AND REMOVE BOTH OUTER AND INNER INSULATION FROM A COAXIAL CABLE IN PREPARATION FOR INSTALLING CONNECTOR ENDS=WITH ASIDE INSULATION OR PLIERS CONDITIONS=APPLIES TO COAXIAL CABLE WITH DIAMETER EQUAL TO OR LESS THAN 1/2 INCH=USE PRIOR TO INSTALLING CONNECTOR END OR PANEL MOUNTED RECEPTACLE
					805	CASE 01 STRIP OUTER RUBBER INSULATION=ENDS WITH ASIDE INSULATION
					784	02 STRIP INNER PLASTIC DIELECTRIC INSULATION=ENDS WITH ASIDE PLIERS
FFH	72X	MAA	KERHWXX	SWHHUXX	VARIABLE	HARNESS(ELECTRICAL),UNWRAP TAPE STARTS=WITH REACH TO GET HARNESS OR CUTTERS INCLUDES=ALL THE MOTIONS NECESSARY TO REMOVE PRESSURE SENSITIVE TAPE OR NON PRESSURE SENSITIVE TAPE AND LACING FROM AN ELECTRICAL HARNESS ENDS=WITH ASIDE UNWRAPPED TAPE CONDITIONS=UNWRAP ONE TO THREE INCHES OF HARNESS
					1320	CASE 01 UNWRAP 3/4 INCH TAPE FROM TO 1/2 INCH DIAMETER HARNESS=NORMAL ACCESS
					1801	02 UNWRAP 3/4 INCH TAPE FROM TO 1/2 INCH DIAMETER HARNESS=RESTRICTED ACCESS
					695	03 CUT AND REMOVE LACING,UNWRAP 1/2 INCH VINYL TAPE FROM TO 5/8 INCH DIAMETER HARNESS=TAPE NOT PRESSURE SENSITIVE
FFH	72X	MAA	KERHWXX	SWHHWXX	VARIABLE	HARNESS(ELECTRICAL),WRAP WITH TAPE STARTS=WITH REACH TO GET ROLL OF TAPE INCLUDES=ALL THE MOTIONS NECESSARY TO GET ROLL OF TAPE,PULL LENGTH OF TAPE FROM ROLL,GET CUTTER,CUT TAPE,ASIDE CUTTER AND ROLL,GRASP HARNESS,PLACE END OF TAPE ON HARNESS AND WRAP, CUT EXCESS TAPE AND ASIDE,INSPECT TAPE ON HARNESS,POSITION HARNESS TO CHASSIS ENDS=WITH RELEASE HARNESS OR TOOL CONDITIONS=WRAP ONE TO THREE INCHES OF HARNESS CASES 01 AND 02 PRESSURE SENSITIVE TAPE,CASE 03 NON PRESSURE SENSITIVE TAPE
					2732	CASE 01 WRAP WITH 3/4 INCH ELECTRICAL TAPE=HARNESS TO 1/2 INCH DIAMETER=POSITION HARNESS TO CHASSIS=NORMAL ACCESS
					3834	02 WRAP WITH 3/4 INCH ELECTRICAL TAPE=HARNESS TO 1/2 INCH DIAMETER=POSITION HARNESS TO CHASSIS=RESTRICTED ACCESS
					6397	03 WRAP WITH 1/2 INCH VINYL TAPE AND TIE WITH CORD,HARNESS DIAMETER TO 5/8 INCH,ENDS WITH ASIDE CUTTER(1)=APPLIES TO NORMAL OR RESTRICTED ACCESS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	72x	NAA	SLATRxx	SWHIRxx	VARIABLE	INSULATION(WIRE),REMOVE STARTS-WITH REACH TO GET STRIPPER INCLUDES-ALL THE MOTIONS NECESSARY TO GET STRIPPER,POSITION WIRE IN STRIPPER,TURN ON HEAT,ROTATE WIRE,TURN HEAT OFF,REMOVE WIRE FROM STRIPPER,REMOVE INSULATION,ASIDE STRIPPER ENDS-WITH ASIDE STRIPPER CONDITIONS-APPLIES TO THERMOSTRIP ELECTRICAL WIRE INSULATION STRIPPER
					620	CASE 01 STRIP FIRST OR SINGLE PIECE OF WIRE
					500	02 STRIP EACH ADDITIONAL PIECE OF WIRE
NAA	72X	NAA	DWHISXX	SWHISXX	VARIABLE	INSULATION,STRIP STARTS-WITH REACH TO WIRE(S) OR CABLE INCLUDES-ALL MOTIONS NECESSARY TO OBTAIN TOOLS,STRIP SHIELDING AND/OR INSULATION AND TRIM LOOSE THREADS ENDS-WITH LAY ASIDE WIRE(S) OR CABLE AND TOOLS CONDITIONS-APPLIES TO MILLER ADJUSTABLE DIAGONAL STRIPPER,IDEAL STRIPMASTER,PYRAMID E-Z STRIPPER,KNIFE (CASES 04,06 AND 07 ONLY). ELEMENT IS LIMITED TO EASY ACCESSABILITY
					264	CASE 01 STRIP INSULATION TO 1/2 INCH,SINGLE WIRE. SIZE NO.22 TO NO.8
					409	02 STRIP INSULATION TO 1/2 INCH,SINGLE WIRE OF A GROUP OF LOOSE WIRES. SIZE NO.22 TO NO.8
					208	03 STRIP INSULATION TO 1/2 INCH,SINGLE WIRE OF A GROUP OF LOOSE WIRES-ADDITIONAL WIRE. SIZE NO.22 TO NO.8
					1113	04 STRIP SHIELDED CABLE TO 3 INCHES OF SHIELDING AND TO 5/8 INCH OF INNER AND OUTER INSULATION. SIZE NO.22 TO NO.16 WIRE
					1016	05 STRIP SHIELDED CABLE TO 3 INCHES OF SHIELDING AND TO 5/8 INCH OF INNER AND OUTER INSULATION,ADDITIONAL WIRE SIZE NO.22 TO NO.16
					1603	06 STRIP COAXIAL CABLES 3/16 TO 5/16 INCH O.D.
					4803	07 STRIP TRIAXIAL CABLES TO 3/8 INCH O.D.

DATA SOURCE	DESCRIP-TION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	72X	TUA	GWHWSXX	SWHIWXX	TABLE	WIRE,REMOVE/INSTALL TO/FROM CONNECTOR STARTS-WITH REACH TO GET UNIT(REMOVE)OR TO GET PLIERS(INSTALL) INCLUDES-ALL THE MOTIONS NECESSARY TO GET UNIT AND POSITION FOR WORK,GET SOLDER GUN,HEAT JOINT,GET PLIERS,REMOVE LEAD,ASIDE PLIERS-GET PLIERS,GRASP WIRE WITH PLIERS,BEND WIRE AROUND CONNECTOR,TWIST WIRE ON CONNECTOR WITH PLIERS, ASIDE PLIER,GET SOLDER GUN AND SOLDER,SOLDER WIRE TO CONNECTOR,ASIDE GUN AND SOLDER ENDS-WITH ASIDE GUN AND SOLDER CONDITIONS-APPLIES TO 17 GAUGE OR SMALLER WIRE-SOLDERING GUNS TO 100 WATTS

OPERATIONS		TYPE OF TERMINAL PIN/POST A	EYELET B
REMOVE			
FIRST OR SINGLE	A	618	722
EACH ADDITIONAL	B	326	466
INSTALL			
FIRST OR SINGLE	C	648	759
EACH ADDITIONAL	D	423	538

NAA	72X	MAA	SLAWNCX	SWHLAXX	VARIABLE	LUG,ATTACH WIRE AND INSTALL STARTS-WITH REACH TO GET WIRE INCLUDES-ALL THE MOTIONS NECESSARY TO GET WIRE AND READ NUMBER,CHECK BLUEPRINT FOR CORRESPONDING NUMBER,FIND CORRECT STUD ON TERMINAL STRIP,REMOVE AND REPLACE TERMINAL STRIP COVER,CUT WIRE TO LENGTH AND INSTALL TERMINAL LUG,REMOVE STUD NUT,INSTALL LUG AND REPLACE NUT,DETERMINE WIRE FORMING ARRANGEMENT AND FORM BUNDLE ALONG ROUTE,TIE BUNDLE ENDS-WITH BUNDLE TIED CONDITIONS-NON-SHIELDED WIRE
					7760	CASE 01 INSTALL FIRST OR SINGLE WIRE
					3550	02 INSTALL EACH ADDITIONAL WIRE
FFH	72X	MUA	KERWSPX	SWHLCXX	VARIABLE	LEAD(WIRE),CLEAN AND PREPARE END FOR REINSTALLATION(STRANDED WIRE) STARTS-WITH REACH TO GET SOLDERING GUN INCLUDES-ALL THE MOTIONS NECESSARY TO GET IRON AND CLEANING RAG,TIN IRON,MELT SOLDER ON IRON WIPE OFF, CUT AND TRIM INSULATION,CUT WIRE TO PROPER LENGTH,ASIDE GUN AND CUTTERS ENDS-WITH ASIDE CUTTERS CONDITIONS-12 TO 26 GAUGE WIRE-100 WATT SOLDERING GUN
					411	CASE 01 FIRST OR SINGLE LEAD
					276	02 EACH ADDITIONAL LEAD

DATA SUBSTITUTION	CODE	QUANTITY	SOURCE CODE	SUBSTITUTE ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFA	72X	MAA	KERWEDX	SWHLRXX	VARIABLE	LEAD,REMOVE FROM TERMINAL STARTS-WITH EYES LOOKING IN GENERAL AREA OF TERMINAL BOARD OR CHASSIS INCLUDES-ALL THE MOTIONS NECESSARY TO LOCATE POINT/TERMINAL,SELECT LEAD FROM BUNDLE OF WIRES,GET SOLDER AND IRON,TIN IRON,UNSOLDER LEAD FROM TERMINAL,GET SOLDERING AID,PLACE TO WIRE END AND PUSH UP AND DOWN ON WIRE,ASIDE AID,GET PLIERS AND REMOVE WIRE FROM TERMINAL, CLEAN WIRE WITH SOLDERING IRON AND RAG,ASIDE IRON,RAG AND PLIERS ENDS-WITH ASIDE IRON AND RAG CONDITIONS-100 WATT IRON-12 TO 26 GAUGE WIRE
					1424	CASE 01 SOLID/STRANDED-INSULATED WIRE LEAD END FROM POST TERMINAL-NORMAL ACCESS
					2318	02 SOLID/STRANDED-INSULATED WIRE LEAD END FROM POST TERMINAL-RESTRICTED ACCESS
					1688	03 SOLID/STRANDED-INSULATED WIRE LEAD END FROM EYELET TERMINAL-NORMAL ACCESS
					2268	04 SOLID/STRANDED-INSULATED WIRE LEAD END FROM EYELET TERMINAL-RESTRICTED ACCESS
FFB	72X	MAA	KERWSRA	SWHLR05	7712	LEAD(STRANDED),RELOCATE STARTS-WITH READ TECHNICAL ORDER INCLUDES-ALL MOTIONS NECESSARY TO LOCATE, UNSOLDER AND REMOVE LEAD-ROUTE,CUT TO LENGTH AND INSTALL AND RESOLDER ENDS-WITH DRESS LEAD
MAA	72X	MBA	SLRWR06	SWHLR06	1750	LEAD,REMOVE FROM PRINTED CIRCUIT BOARD STARTS-WITH REACH TO GET HEAT SINK INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND INSTALL HEAT SINK,GET,WIPE,SHAKE AND POSITION SOLDERING IRON,TIN IRON,UNSOLDER LEAD,ASIDE IRON ENDS-WITH ASIDE IRON
FFF	72X	MAA	KERWERP	SWHLR07	873	TERMINAL LUG(RING TYPE),REPLACE ON STUD(WIRE ATTACHED) STARTS-WITH REACH TO GET SCREW OR NUT DRIVER INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE NUT AND WASHER,PALM NUT AND WASHER, REMOVE LUG FROM STUD(WITH WIRE ATTACHED),ASIDE WITH CARE,GET LUG(WIRE ATTACHED),ALIGN AND PLACE ON STUD,PLACE WASHER AND NUT ON STUD, GET TOOL AND TIGHTEN NUT OR SCREW,ASIDE TOOL ENDS-WITH ASIDE TOOL CONDITIONS-5 TO 10 THREADS-SCREW OR NUT
MAA	72X	MBA	SLRWN07	SWHLS01	11890	LEAD,SOLDER ON PRINTED CIRCUIT BOARD STARTS-WITH REACH TO CUTTING TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL AND CUT WICKING WIRE,FORM TORUS,DIP IN FLUX, POSITION WIRE(WICKING) TO PART OF TERMINAL,WIPE OFF EXCESS SOLDER,TIN IRON,CLEAN TERMINAL WITH SOLVENT,INSPECT TERMINAL,CUT,STRIP,TRIM AND INSPECT LEAD FOR WIRE STRANDS,INSTALL WICK STOP,TIN WIRE AND REMOVE WICK STOP AND INSPECT WIRE,POSITION WIRE TO TERMINAL,GET,WIPE,SHAKE AND POSITION IRON TO LEAD,SOLDER,TIN IRON, CLEAN CONNECTION,INSPECT,REMOVE HEAT SINK, CLEAN HEAT SINK AND WICK STOP ENDS-WITH SINK AND WICK STOP CLEANED
FFG	72X	MAA	KEREARD	SWHLU01	3967	LEAD(AXIAL),UNSOLDER,SOLDER,TAG,UNTAG STARTS-WITH READ TECHNICAL ORDER INCLUDES-ALL THE MOTIONS NECESSARY TO READ COLUMN AND SENTENCE OF T/O,LOCATE AND UNSOLDER LEAD ON POST TERMINAL,CLEAN TERMINAL,TAG/UNTAG LEAD,SOLDER LEAD TO TERMINAL POST-NORMAL ACCESS ENDS-WITH ASIDE TOOLS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KERCCAC	SWHPA01	3123	PIGTAIL(GROUND LEAD),ATTACH TO CABLE SHIELD STARTS-WITH REACH TO GET CABLE INCLUDES-ALL THE MOTION NECESSARY TO GET CABLE AND POSITION IN FRONT OF OPERATOR,GET KNIFE AND CUT INSULATION,ASIDE KNIFE,LOOSEN INSULATION AND REMOVE,LOOSEN SHIELD ON CABLE, TWIST SHIELD TO STRANDED WIRE,INSTALL SPAGHETTI(OBTAIN FROM JAR),GET AND INSTALL NUBBIN,ASIDE COAX CABLE ASSEMBLY ENDS-WHEN COMPLETED ASSEMBLY IS PLACED ASIDE FOR TRANSPARENT INSULATION TO DRY CONDITIONS-DOES NOT INCLUDE CUTTING COAX CABLE TO LENGTH
NAA	72X	MAA	J1RWM01	SWHPF01	1190	PIGTAIL(METAL SHIELD),FORM STARTS-WITH GET WIRE INCLUDES-ALL MOTIONS NECESSARY TO GET SCRIBE, PRY OPENING IN BRAIDED SHIELD,USE SCRIBE TO PULL WIRE THROUGH SHIELDING,TWIST SHIELDING TO FORM PIGTAIL,AND CUT ENDS OF PIGTAIL WITH DIAGONAL PLIERS ENDS-WITH ASIDE DIAGONAL PLIERS
FFH	72X	MAA	KERALXX	SWHP1XX	VARIABLE	PART(AXIAL LEAD),INSTALL ON PIN POST OR EYELET TERMINAL STARTS-WITH GET PART INCLUDES-ALL THE MOTIONS NECESSARY TO GET PART AND CUTTER,CUT LEADS,BEND LEADS AND PLACE ON TERMINAL,TWIST LEAD ON TERMINAL,CUT EXCESS WIRE,ASIDE SCRAP,GET SOLDERING IRON,TIN IRON AND SOLDER CONNECTIONS,INSPECT SOLDERED JOINT, DRESS ALL LEADS,ASIDE IRON,PLIERS ENDS-WITH DRESS WIRE CONDITIONS-TWO LEADS ARE CONNECTED
					2320	CASE 01 NORMAL ACCESS
					2584	02 OBSTRUCTED OR DIFFICULT ACCESS
FFE	72X	MAA	GWHCWA4	SWHPI03	963	PLUG(BANANA TYPE),INSTALL AND REMOVE STARTS-WITH REACH TO JUMPER ON RACK INCLUDES-ALL THE MOTIONS NECESSARY TO GET JUMPER,SEPARATE ENDS,READ DATA SHEET,LOCATE PLUG IN POINTS ON CHASSIS,INSTALL PLUGS ON BOTH ENDS OF JUMPER,REACH TO PLUGS,GRASP AND REMOVE,HANG JUMPER ON RACK,INSERT ONE END IN THE OTHER ENDS-WITH TWO PLUGS CONNECTED CONDITIONS-24 INCH JUMPER CABLE,BANANA TYPE PLUG ON EACH END
FFH	72X	MAA	KERALXX	SWHPRXX	VARIABLE	PART(AXIAL LEAD),REMOVE FROM PIN/POST OR EYE-LET TERMINAL STARTS-WITH REACH TO GET CUTTERS INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND ASIDE CUTTER,CUT BOTH LEADS,GET SOLDERING IRON AND UNSOLDER WIRES FROM TERMINALS,ASIDE IRON, GET PLIERS AND REMOVE WIRE FROM TERMINALS ENDS-WITH ASIDE PLIERS
					1612	CASE 01 REMOVE FROM PIN/POST TERMINAL-NORMAL ACCESS
					2285	02 REMOVE FROM PIN/POST TERMINAL-DIFFICULT OR OBSTRUCTED ACCESS
					1828	03 REMOVE FROM EYELET TERMINAL-NORMAL ACCESS
					2516	04 REMOVE FROM EYELET TERMINAL-DIFFICULT OR OBSTRUCTED ACCESS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KEMPLRH	SWHPR05	6136	PLUG(AC/DC WITH CLAMP AND GROUND),REPLACE ON CABLE STARTS-WITH REACH TO PLUG INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE TWO SCREWS(ON CLAMP),LOOSEN THREE TERMINAL SCREWS,PULL CORD FROM PLUG,CUT LEADS TO LENGTH AND STRIP THREE WIRES,TWIST STRANDED WIRES, LOOSEN CAP SCREWS(TWO),LOOSEN TERMINAL SCREWS (THREE),PLACE PLUG ON CORD AND WRAP WIRE AROUND PIN AND SCREW,TIGHTEN TERMINAL SCREWS (THREE),TIGHTEN CLAMP SCREWS(TWO)AND ASIDE PLUG AND CORD ENDS-WITH ASIDE PLUG AND CORD CONDITIONS-APPLIES TO AC/DC PLUG WITH GROUND LEAD
FFH	72X	MAA	KERWERX	SWHRLXX	TABLE	LEAD,REMOVE AND INSTALL,VARIOUS TERMINALS, NORMAL AND RESTRICTED ACCESS STARTS-WITH LOCATE TERMINAL INCLUDES-ALL MOTIONS AND PROCESS TIME TO UNSOLDER AND REMOVE WIRE;CLEAN AND PREPARE WIRE AND TERMINAL;INSTALL AND SOLDER WIRE TO TERMINAL ENDS-WITH ASIDE TOOL CONDITION-12 TO 26 AWG WIRE

TYPE OF WIRE AND TERMINALS		ACCESS NORMAL A	ACCESS RESTRICTED B
INSULATED,NON-SHIELDED, SOLID OR STRANDED WIRE, POST TERMINAL	A	3863	4330
INSULATED,NON-SHIELDED, SOLID OR STRANDED WIRE EYELET TERMINAL	B	4127	4625
INSULATED,NON-SHIELDED OR SHIELDED,SOLID OR STRANDED WIRE PIN TERMINAL-CANNON, JONES PLUG/RECEPTACLE	C	2495	
ADDITIONAL NON-INSULATED, SOLID WIRE LEAD-TO BE APPLIED WITH AXIAL LEAD PART STRANDED POST TERMINAL	D	2549	3016
ADDITIONAL NON-SHIELDED SOLID WIRE LEAD OF A WIRE MOUNTED COMPONENT-TO BE APPLIED WITH STRANDED FOR AXIAL LEAD PART-EYELET TERM	E	2656	3113
SHIELDED,INSULATED WIRE AND GROUND LEAD(SHIELD) CANNON,JONES PLUG PIN TERMINAL	F	3345	3749

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KERALXX	SWHRPXX	VARIABLE	PART(AXIAL LEAD),REPLACE ON PIN/POST TERMINAL OR EYELET TYPE TERMINAL STARTS-WITH REACH TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET CUTTER,CUT LEADS,UNSOLDER WIRE FROM TERMINAL, CLEAN TERMINAL WITH IRON AND RAG,OPEN PART BAG WITH SCISSORS,UNPACK PART,ATTACH AND SOLDER NEW PART LEADS TO TERMINAL ENDS-WITH DRESS REPLACED WIRE
					5296	CASE 01 REPLACE ON PIN/POST TERMINAL-NORMAL ACCESS
					6233	02 REPLACE ON PIN/POST TERMINAL-DIFFICULT OR OBSTRUCTED ACCESS
					5558	03 REPLACE ON EYELET TYPE TERMINAL-NORMAL ACCESS
					6510	04 REPLACE ON EYELET TYPE TERMINAL-DIFFICULT OR OBSTRUCTED ACCESS
NAA	72X	MAA	SLAWNXX	SWHRWXX	VARIABLE	WIRE,ROUTE THROUGH OBSTRUCTION STARTS-WITH GET WIRE FROM TOOL TRAY INCLUDES-ALL THE MOTIONS NECESSARY TO GET THE WIRE,PULL FROM COILS OF OTHER WIRE,SHAKE TO STRAIGHTEN,GET WIRE GUIDE AND ROUTE THROUGH OBSTRUCTION,ASIDE TOOL ENDS-WITH ASIDE TOOL
					753	CASE 01 OBSTRUCTION WITH MODERATE ACCESS-FIRST OR SINGLE OBSTRUCTION
					315	02 EACH ADDITIONAL OBSTRUCTION WITH MODERATE ACCESS
					934	03 OBSTRUCTION WITH DIFFICULT ACCESS-FIRST OR SINGLE OBSTRUCTION
					[illegible]	04 EACH ADDITIONAL OBSTRUCTION WITH DIFFICULT ACCESS
FFH	72X	MAA	KERWSA2	SWHRW05	883	WIRE,ROUTE FROM ONE TERMINAL TO HARNESS AND FROM HARNESS TO THE OTHER TERMINAL STARTS-WITH GET WIRE INCLUDES-ALL MOTIONS NECESSARY TO ROUTE THE WIRE FROM ONE TERMINAL TO THE HARNESS AND FROM THE HARNESS TO THE OTHER TERMINAL AND CUT LEAD TO LENGTH ENDS-WITH CUT WIRE TO LENGTH CONDITIONS-FOR ROUTING ALONG THE HARNESS APPLY TIME FOR ELEMENT 72X SWHRW02 ONE TIME FOR EACH SIX INCHES ROUTED-DOES NOT INCLUDE LACING
FFH	72X	MAA	KERWSA3	SWHRW06	723	WIRE,ROUTE SIX INCHES ALONG HARNESS STARTS-WITH SLIDE FINGER OR HAND ALONG WIRE INCLUDES-ALL MOTIONS NECESSARY TO ROUTE WIRE OR CABLE ALONG 6 INCHES OF HARNESS HAVING ONE OBSTRUCTION EACH TWO INCHES ENDS-WITH ROUTE UNDER OBSTRUCTION
FFH	72X	MAA	KERWSA4	SWHRW07	137	WIRE,ROUTE THROUGH GROMMET OR HOLE STARTS-WITH GET WIRE INCLUDES-ALL MOTIONS NECESSARY TO STRAIGHTEN, POSITION AND ROUTE WIRE THROUGH HOLE OR GROMMET ENDS-WITH PULL WIRE TAUT
FFH	72X	MAA	KERTLCE	SWHST01	520	SOLDER(CONNECTION),TOUCH UP STARTS-WITH REACH TO GET SOLDERING IRON INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND [illegible] ENDS-WITH ASIDE SOLDERING IRON CONDITIONS-ADD MAKE READY TIME TO GET WIRE APPLIES TO PIN/POST OR EYELET TERMINAL

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KERCCA4	SWHSU01	2694	SHIELD(CABLE-BRAIDED METAL),UNRAVEL STARTS-WITH REACH TO GET KNIFE INCLUDES-ALL THE MOTIONS NECESSARY TO UNRAVEL, TRIM,DRESS AND FIT METAL SHIELD TO END BELL ENDS-WITH ASIDE CUTTERS CONDITIONS-COAXIAL CABLE WITH DIAMETER GREATER THAN 1/4 INCH AND EQUAL TO OR LESS THAN 1/2 INCH-CABLE IS TO BE CONNECTED TO PANEL MOUNTED RECEPTACLE
NAA	72X	MAA	SLAWNXX	SWHSWXX	VARIABLE	WIRES,SPLICE(SHIELDED WIRE) STARTS-WITH REACH TO CUTTING PLIERS INCLUDES-ALL THE MOTIONS NECESSARY TO GET PLIERS,CUT AND REMOVE BUNDLE TIES,GET WIRE, CHECK PRINT FOR MATING WIRE,SET UP CRIMPING TOOL,GET WIRES AND CUT TO LENGTH,STRIP COVERINGS AND SHIELDS,GET AND INSTALL JUMPER,PLACE IN FERRULES,CRIMP FERRULES,DISMANTLE CRIMPING TOOL,TWIST WIRES,INSTALL SPLICE CAP AND CRIMP,REMOVE TOOL AND INSPECT SPLICE, INSTALL SHRINK CAP OVER SPLICE,FORM BUNDLE ALONG CLAMP ROUTE,TIE AND TAPE BUNDLE ENDS-WITH TIE TAPE CASE 01 MAKE FIRST OR SINGLE SPLICE 02 MAKE EACH ADDITIONAL SPLICE
					29870 13080	
NAA	72X	MAA	ACEAF61	SWHT103	3996	TUBING(SHRINK),GET,CUT AND INSTALL STARTS-WITH REACH TO GET TUBING INCLUDES-ALL THE MOTIONS NECESSARY TO GET TUBING AND SCISSORS,CUT TUBING,POSITION TO CABLE, GET HEATER,SHRINK TUBING,ASIDE TUBING,SCISSORS AND HEATER ENDS-WITH ASIDE TUBING CONDITIONS-GET AND ASIDE TUBING AND SCISSORS ONE TIME FOR TWO INSTALLATIONS-TUBING 18 INCHES LONG
FFH	72X	MAA	KERAIXX	SWHTPXX	VARIABLE	TUBING(VINYL),PREPARE AND INSTALL ON LEADS/STUD STARTS-WITH REACH TO JAR OF TUBING INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND OPEN A JAR OF TUBING,REMOVE PIECE AND CUT TO DESIRED LENGTH,CLOSE AND ASIDE JAR,PICK UP PIECE OF TUBING,STRETCH AND PLACE ON LEADS OR STUD USING PLIERS ENDS-WITH ASIDE JAR OR PLIERS CASE 01 GET TUBING FROM JAR AND CUT 02 INSTALL ON SINGLE STUD COMPONENT 03 INSTALL ON BOTH LEADS OF AXIAL LEAD COMPONENT 04 PREPARE AND INSTALL-SINGLE STUD COMPONENT 05 PREPARE AND INSTALL-AXIAL LEAD COMPONENT
					513 468 491 981 1004	

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	72X	MAA	SLAWNCX	SWHWAXX	VARIABLE	WIRE,ATTACH TERMINAL AND CONNECT TO POST (SHIELDED WIRE) STARTS-WITH THERMAL GUN CORD(COILED) IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO UNCOIL CORD,PLUG IN CORD,GET DIES,SET UP AND DIS-MANTLE CRIMPING TOOL,ASIDE DIES,REMOVE AND REPLACE TERMINAL STRIP COVER,LOCATE WIRE TO PROPER STUD,GET JUMPER FROM STOCK,CUT WIRE TO LENGTH,STRIP SHIELD COVERINGS AND SHIELD POSITION AND CRIMP FERRULE TO WIRE,TRIM EXCESS WIRE FROM FERRULE,GET AND CUT SHRINK SLEEVE TO SIZE,POSITION SLEEVE OVER FERRULE AND APPLY HEAT WITH THERMAL GUN,EXAMINE ASSEMBLY,INSTALL TERMINAL LUG TO WIRE AND JUMPER,CONNECT WIRE AND JUMPER TO STUD(REMOVE AND REPLACE STUD NUT),FORM AND TIE BUNDLE(TWO CLAMPING LOCATIONS) ENDS-WITH TIE BUNDLE CONDITION-SHIELDED WIRE
					16970	CASE 01 CONNECT FIRST OR SINGLE WIRE
					10220	02 CONNECT EACH ADDITIONAL WIRE
NAA	72X	MAA	ACEAF16	SWHWCXX	VARIABLE	WIRE,CONNECT TO PIN WITH SOLDER STARTS-WITH CHECK BLUE PRINTS INCLUDES-ALL THE MOTIONS NECESSARY TO CHECK BLUEPRINT FOR LOCATION,SELECT WIRE,GET WIRE FROM BUNDLE,STRAIGHTEN WIRE,STRIP END,TIN END OF WIRE,SELECT PIN,SOLDER WIRE TO PIN,CHECK SOLDER CONNECTION AND WIRE NUMBER ENDS-WITH INSPECT CONNECTION AND NUMBER CONDITIONS-APPLIES TO PIN SIZE NUMBERS 12 TO 24-DOES NOT INCLUDE GET,POSITION AND ASIDE BLUE PRINT-WIRE SIZE 16 TO 22,SOLID OR STRAND-ED,PENCIL TYPE SOLDERING IRON TO 50 WATTS
					1910	CASE 01-EASY ACCESS TO PIN
					2330	02-MODERATE ACCESS TO PIN
					100	03-ADD FOR TIME TO CHECK BLUE PRINTS FOR PIN LOCATION
FFH	72X	MAA	KERWBAX	SWHWIXX	VARIABLE	WIRE(BUS),INSTALL TO TWO TERMINALS STARTS-WITH REACH TO GET COIL OF WIRE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND UNCOIL WIRE,GRASP END,LOCATE FIRST TERMINAL GET PLIERS AND WRAP LEAD AROUND TERMINAL, SOLDER WIRE TO TERMINAL,ASIDE IRON,LOCATE SECOND TERMINAL,DETERMINE ROUTING PATH,CUT WIRE TO LENGTH,ROUTE TO SECOND TERMINAL,WRAP EXCESS WIRE ON COIL,ASIDE COIL,PLACE END TO TERMINAL,GET PLIERS AND WRAP WIRE ON TERMINAL, GET SOLDERING AID,LIFT WIRES UP AND DOWN,DRESS LEAD,STRIP WIRE,SOLDER TO TERMINAL,DRESS WIRES AND COMPONENT,ASIDE PLIERS ENDS-WITH ASIDE PLIERS CONDITIONS-INSULATED BUS WIRE,SOLDER TO PIN/ POST/EYELET TERMINAL-100 WATT IRON
					4878	CASE 01 NORMAL ACCESS
					6313	02 RESTRICTED ACCESS
FFH	72X	MAA	KERWSA5	SWHWI03	804	WIRE,INSTALL AND SOLDER LEAD END INTO PIN TERMINAL ON PLUG/RECEPTACLE STARTS-WITH GET WIRE LEAD-CUTTERS INCLUDES-ALL MOTIONS NECESSARY TO TIN PLUG TERMINAL,INSTALL AND SOLDER WIRE LEAD,CUT AND INSTALL SPAGHETTI ENDS-WITH ASIDE PLIERS CONDITIONS-SOLDER IRON AND WIRE LEAD ARE PRE-TINNED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFH	72X	MAA	KERWSXX	SWHWPXX	TABLE	WIRE,PERPARE AND INSTALL STARTS-WITH REACH TO GET COIL OF WIRE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND UNROLL COIL OF WIRE,STRIP BOTH ENDS,ROUTE WIRE FROM TERMINAL TO HARNESS AND FROM OTHER END OF HARNESS TO SECOND TERMINAL,SOLDER WIRE TO BOTH TERMINALS ENDS-WITH ASIDE SOLDERING IRON CONDITIONS-12 TO 26 GAUGE WIRE-SOLDER TO PIN ON ONE END AND POST/EYELET TERMINAL ON OTHER-TO ROUTE WIRE ALONG HARNESS USE 72X SWHRW02

TYPE OF WIRE		ACCESS NORMAL	ACCESS RESTRICTED
STRANDED,NON-SHIELDED-INSULATED-BOTH ENDS TO POST/EYELET TERMINAL	A	4174	4410
ONE END TO PIN AND OTHER TO POST/EYELET TERMINAL	B	4052	4170
STRANDED-SHIELDED (FABRICATE GROUND LEAD FROM SHIELD) ONE END TO PIN AND OTHER TO POST/EYELET TERMINAL	C	6926	7044

NAA	72X	MBA	JCAWRSX	SWHWRXX	VARIABLE	WIRE,REPLACE STARTS-WITH REACH TO UNIT INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION UNIT FOR WORK,UNSOLDER AND REMOVE ONE WIRE,SELECT NEW WIRE,MEASURE AND CUT,FIT WIRE IN UNIT,CUT TO LENGTH,STRIP ENDS,TIN WIRE AND SOLDER IN PLACE ENDS-WITH ASIDE SOLDERING IRON CONDITIONS-NO TRAVEL TO GET WIRE AND PARTS IS INCLUDED-WIRE IN COILS CASE 01 REPLACE ONE WIRE 5380 02 REPLACE TWO TEST LEADS-(INCLUDES REPLACING BUSHING OR GROMMET 15160
NAA	72X	MAA	SLAWNXX	SWHWSXX	VARIABLE	WIRES,SPLICE(NON-SHIELDED WIRE) STARTS-WITH REACH TO CUTTING PLIERS INCLUDES-ALL THE MOTIONS NECESSARY TO GET PLIERS,CUT STRING TIE ON SPLICE BUNDLE,REMOVE TAPE FROM BUNDLE,REMOVE STRING,SELECT RANDOM WIRE FROM NEWLY INSTALLED BUNDLE,READ CODE NUMBER,CHECK PRINT FOR MATCHING WIRE,EXAMINE PRINT FOR SPLICE AREAS,READ WIRE NUMBER,GET CORRESPONDING WIRE TO BE SPLICED,GET DIAGONAL PLIERS AND CUT WIRES,ASIDE PLIERS,STRIP WIRES, HOLD WIRES TOGETHER AND APPLY SPLICE CAP,GET CRIMPING TOOL AND CRIMP SPLICE,MAKE SECOND SPLICE,DISENGAGE CRIMPER AND INSPECT SPLICE, INSTALL SHRINK SLEEVING OVER SPLICE,CLOSE SPLICE BUNDLE,TIE AND TAPE(FORM BUNDLE ALONG CLAMP ROUTE) ENDS-WITH TIE TAPE BUNDLE CONDITIONS-NON-SHIELDED WIRE CASE 01 MAKE FIRST OR SINGLE SPLICE 17750 02 MAKE ADDITIONAL SPLICE 2910

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	72X	MUA	GWHWSB2	SWHWS03	1031	WIRE,SPLICE(WITH SOLDER) STARTS=WITH REACH TO GET DYKES INCLUDES=ALL THE MOTIONS NECESSARY TO GET DYKES,TRIM OLD WIRE,GET NEW WIRE AND PLACE TO OLD,TWIST WIRE ENDS TOGETHER,CLIP ENDS,ASIDE DYKES,GET PLIERS,GRASP WIRE WITH PLIER TO SECURE,ASIDE WIRE AND PLIERS,GET SOLDERING IRON AND SOLDER,TIN IRON,TIN WIRE,SOLDER JOINT,APPLY INSULATION TO SPLICE,ASIDE TOOLS ENDS=WITH ASIDE TOOLS CONDITIONS=REPAIR OR LENGTHEN WIRE BY SPLICE WITH SOLDERED JOINT=12-26 GAGE WIRE
FFE	72X	MAA	GWHWS81	SWHWS04	633	WIRE,SPLICE(SOLDERLESS) STARTS=WITH REACH TO DYKES INCLUDES=ALL THE MOTIONS NECESSARY TO GET DYKES AND CUT OLD WIRE,STRIP AND TWIST END,GET AND PLACE CONNECTOR ON OLD WIRE AND CRIMP, INSPECT,ASIDE PLIERS,GET AND PLACE WIRE END ON CONNECTOR,CRIMP CONNECTOR,INSPECT,ASIDE PLIERS ENDS=WITH PLIERS ASIDE CONDITIONS=REPAIR OR LENGTHEN WITH SOLDERLESS CONNECTION=12-26 GAGE WIRE
NAA	72X	TBA	OTLSEXX	SWHWUXX	TABLE	WIRE,SOLDER OR UNSOLDER,FROM/TO VARIOUS POINTS STARTS=WITH REACH TO SOLDERING IRON OR WIRE INCLUDES=ALL THE MOTIONS NECESSARY TO CLEAN TIP,SELECT WIRE OR TERMINAL,FORM HOOK AND/OR PLACE WIRE TO SOLDERING POINT,PLACE IRON TO SOLDERING POINT AND SOLDER;OR PLACE IRON TO WIRE OR TERMINAL,MELT SOLDER AND REMOVE WIRE OR TERMINAL ENDS=WITH ASIDE OF IRON AND WIRE OR TERMINAL CONDITIONS=SOLDERING IRON=CONTINUOUS HEATING TYPE,50 WATT RATING. SOLDER=COMBINATION OF 60-40 ROSIN CORE COILS. WIRE=16 TO 22 GAGE SOLID OR STRANDED COPPER WIRE. DOES NOT INCLUDE SEARCH AND SELECT TO LOCATE PARTICULAR WIRE IN BUNDLE OR PIN IN MULTI-PIN PLUG

		SOLDER FIRST A	SOLDER ADD B	UNSOLDER FIRST C	UNSOLDER ADD D
TIN OR RETIN WIRE	A	260	164		
CLEAN PIN OR TERMINAL					
HAND HELD PLUG	B	281		219	172
VISE HELD PLUG	C	230			
CLEAN AND RESOLDER JOINT ON TERMINAL OR PIN	D	511	439		
SOLDER WIRE TO PIN IN CANNON PLUG OR PRINTED CIRCUIT	E	503	508		
WIRE TO/FROM TERMINAL	F	544	440	107	71
WIRE TO/FROM MULTIPLE CAPACITY TURRET TERMINAL	G	814	739	517	445

FFD	720	MAA	KERKS89	SACDS01	51	DRIVE(MECHANICAL=RECORDER SPEED),SET OR RESET STARTS=WITH REACH TO LEVER INCLUDES=ALL THE MOTIONS NECESSARY TO CHANGE SPEED CONTROL LEVER FROM ONE POSITION TO ANOTHER ENDS=WITH RELEASE LEVER CONDITIONS=LIMITED TO MULTI-SPEED-MECHANICAL-DROPLATCH TYPE RECORDER

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	721	MAA	GCLCHA6	SCLCP01	486	COMMUTATOR,POLISH AND CLEAN WITH CROCUS CLOTH STARTS-WITH REACH TO ARMATURE OR CROCUS CLOTH INCLUDES-ALL THE MOTIONS NECESSARY TO OBTAIN ARMATURE AND CROCUS CLOTH,POLISH AND INSPECT COMMUTATOR AND ASIDE ENDS-WITH ARMATURE ASIDE CONDITIONS-APPLICABLE TO ARMATURES UP TO 10 POUNDS,HELD IN HAND-CLEANED WITH NINE STROKES OF CROCUS CLOTH ACROSS SURFACE
FFH	721	MAA	KERAMXX	SCLSCXX	VARIABLE	COMMUTATOR(STATOR AND ARMATURE),CLEAN WITH ERASER AND AIR STARTS-WITH REACH TO GET PART INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION AND POLISH A STATOR COMMUTATOR WITH A RUBBER ERASER AND CLEAN WITH AIR ENDS-WITH ASIDE PART
					622	CASE 01 COMMUTATOR(STATOR)-1.5 INCHES DIAMETER
					1162	02 COMMUTATOR(ARMATURE)-1 INCH DIAMETER
NAA	721	MAA	SRECRSD	MDABP01	1290	BEARING,PRESS OUT STARTS-WITH REACH TO BLOCKS INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION BLOCKS,GET ARMATURE AND POSITION IN BLOCKS, PRESS OUT BEARING WITH ARBOR PRESS ENDS-WITH RELEASE PRESS HANDLE
NAA	721	MAA	SRECRSI	MDACR01	2190	COVER(MOTOR END),REMOVE STARTS-WITH REACH TO GET MOTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION MOTOR ON BENCH,GET TOOL AND REMOVE TWO SCREWS,REPOSITION MOTOR,REMOVE AND ASIDE COVER ENDS-WITH ASIDE COVER
NAA	721	MAA	SRECXXX	SDAARXX	VARIABLE	ARMATURE,REPLACE STARTS-WITH REACH TO GET TOOL/HOUSING INCLUDES ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE RETAINER SCREWS(TWO),TAP OUT ARMATURE AND PLATE WITH HAMMER,ASIDE STATOR,TAP ARMATURE OUT OF PLATE,REMOVE PLATE FROM STATOR AND REMOVE AND ASIDE END PLATE,ASIDE STATOR REACH AND GET HOUSING,GET AND POSITION ARMATURE IN HOUSING,INSTALL TWO SHIMS,REPOSITION MOTOR,INSTALL END PLATES,INSTALL TWO SCREWS IN END PLATES,SEAT PLATES WITH FOUR OUNCE HAMMER. ASIDE HAMMER ENDS-WITH ASIDE HAMMER(INSTALL)OR ASIDE STATOR (REMOVE AND REPLACE)
					4186	CASE 01 REMOVE ARMATURE
					5058	02 INSTALL ARMATURE
					9244	03 REPLACE ARMATURE
NAA	721	MAA	SRECNSX	SDABIXX	VARIABLE	BEARING(MOTOR),INSTALL STARTS-WITH REACH TO GET ARMATURE BLOCKS INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION BLOCK,GET AND POSITION ARMATURE IN BLOCKS,GET AND OPEN BEARING PACKAGE,REMOVE BEARING FROM PACKAGE,POSITION BEARING AND PRESS ON,INSTALL SLINGER,REPOSITION MOTOR TO ARMATURE ENDS-WITH MOTOR REPOSITIONED
					2380	CASE 01 DIFFICULT INSTALLATION
					1330	02 EASY INSTALLATION-DOES NOT INCLUDE GETTING BLOCKS AND POSITIONING ARMATURE IN BLOCKS-HAND INSTALLATION

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DMMSTDP ELEMENT	TMU VALUE	OPERATION ELEMENT DESCRIPTION
NAA	721	MAA	SRECRSE	SDABP01	1660	BEARING,PRESS OUT AND REMOVE SLINGER STARTS=WITH REACH TO BLOCKS INCLUDES=ALL THE MOTIONS NECESSARY TO GET AND POSITION BLOCKS,GET AND POSITION ARMATURE IN BLOCKS,PRESS OUT BEARING WITH MANUAL ARBOR PRESS,REMOVE SLINGER,ASIDE BEARING AND ARMATURE ENDS=WITH ASIDE BEARING AND ARMATURE CONDITION=ARBOR PRESS
NAA	721	MAA	SRECRXX	SDABRXX	TABLE	BRUSHES,REPLACE STARTS=WITH REACH TO BRUSH CAP OR TOOL OR TO NEW BRUSH PACKAGE INCLUDES=ALL THE MOTIONS NECESSARY TO REMOVE BRUSH CAP OR PLUG,REPOSITION UNIT TO REMOVE BRUSHES AS REQUIRED,ASIDE CAP/PLUG,ASIDE BRUSHES,ASIDE TOOL AS REQUIRED(REMOVE);REACH TO BRUSH PACKAGE(NEW BRUSHES),OPEN PACKAGE AND REMOVE BRUSHES,ASIDE PACKAGE,POSITION UNIT, POSITION BRUSHES IN BRUSH HOLDERS AND INSTALL CAP OR PLUG ON HOLDER(INSTALL) ENDS=WITH CAP/PLUG REMOVED OR INSTALLED AND TOOL ASIDE WHEN REQUIRED

NUMBER BRUSHES		REMOVE A	INSTALL B	REPLACE C
TWO BRUSHES=CAP FINGER TIGHT	A	810	1600	2410
FOUR BRUSHES=CAP FINGER TIGHT	B	1650	3200	4850
SIX BRUSHES=CAP FINGER TIGHT	C	2490	4800	7290
TWO BRUSHES=PLUG WITH SCREWDRIVER	D	2290	3280	5570
FOUR BRUSHES=PLUG WITH SCREWDRIVER	E	4430	6560	10990
SIX BRUSHES=PLUG WITH SCREWDRIVER	F	6750	9840	16590

NAA	721	MAA	SRECNLM	SDACIXX	VARIABLE	COVER(MOTOR),INSTALL STARTS=WITH REACH TO GET COVER INCLUDES=ALL THE MOTIONS NECESSARY TO GET COVER,ALIGN AND POSITION TO ATTACHING POINTS, GET TOOL,TIGHTEN SCREWS TO SECURE COVER,ASIDE TOOL ENDS=WITH ASIDE TOOL CONDITIONS=COVER WEIGHS 10-30 POUNDS 1430 CASE 01 SECURE WITH TWO SCREWS 2600 02 SECURE WITH FOUR SCREWS
NAA	721	MAA	AIRSR01	SDAGR01	13500	GEAR TRAIN(SYNCHRO),REPLACE STARTS=WITH REACH TO UNIT INCLUDES=ALL THE MOTIONS NECESSARY TO GET SYNCHRO OR POTENTIOMETER AND POSITION FOR WORK,REMOVE BUNDLE TIE,POSITION GEAR TRAIN, LOOSEN GEAR CLAMP OR SET SCREW,REMOVE RIM MOUNTING SCREWS,REMOVE GEAR FROM SHAFT,REMOVE SYNCHRO FROM GEAR PLATE;POSITION GEAR TRAIN ASSEMBLY,POSITION SYNCHRO SHAFT TO GEAR ASSEMBLY,POSITION SYNCHRO TO GEAR PLATE, INSTALL GEAR TO SHAFT,INSTALL RIM MOUNTING CLAMP SCREWS,INSTALL GEAR CLAMP,TIE WIRES TO BUNDLE ENDS=WITH WIRES TIED TO BUNDLE CONDITIONS=SIX BUNDLE TIES REQUIRED=SET WEIGHS TO THREE POUNDS=INSTALL/REMOVE ELECTRICAL WIRES NOT INCLUDED

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	721	MAA	SRECRSF	SDAMD01	1796	MOTOR,DISASSEMBLE(TRU-ARC RING) STARTS-WITH REACH TO GET MOTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE MOTOR IN VISE,DRIVE OUT WORM GEAR PIN, REMOVE WORM GEAR,GET PLIERS AND REMOVE TRU-ARC RING,REMOVE AND ASIDE ARMATURE,REMOVE AND ASIDE BEARINGS(TWO)FROM ARMATURE ENDS-WITH ASIDE BEARINGS CONDITIONS-MOTOR WEIGHS TO 20 POUNDS
NAA	721	MAA	SRECRCG	SDAMD02	4236	MOTOR,DISASSEMBLE(THREE SCREWS AND COVER) STARTS-WITH REACH TO MOTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE MOTOR IN VISE,DRIVE OUT WORM GEAR PIN, REMOVE AND ASIDE WORM GEAR,GET TOOL AND REMOVE THREE SCREWS,REMOVE AND ASIDE COVER,REMOVE AND ASIDE ARMATURE AND BEARINGS ENDS-WITH ASIDE BEARINGS CONDITIONS-MOTOR WEIGHS TO 20 POUNDS
NAA	721	MAA	SRECRSH	SDAMD03	8360	MOTOR(RESOLVER),DISASSEMBLE STARTS-WITH REACH TO GET MOTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE MOTOR IN VISE,REMOVE AND ASIDE GROMMET, REMOVE THREE COVER SCREWS AND ASIDE,REMOVE AND ASIDE BACK COVER,THREE BRUSH CASE SCREWS,BRUSH CASE AND ARMATURE,REMOVE AND ASIDE BAG FROM ARMATURE,SNAP RING,COVER,BEARING AND SHIM ENDS-WITH ASIDE SHIM CONDITIONS-MOTOR WEIGHS TO 20 POUNDS
NAA	721	MAA	SRECNXX	SDAMMXX	VARIABLE	MOTOR(ELECTRIC),MOUNT AND HOOK UP STARTS-WITH REACH TO TAG ON MOTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP AND REMOVE TAG,GET AND POSITION MOTOR FOR MOUNTING,GET TOOL AND SCREWS,INSTALL SCREWS, ASIDE TOOL,GET CUTTING PLIERS AND WIRE LEADS, CUT LEADS TO LENGTH,ASIDE PLIERS AND WIRES,GET TOOL AND WIRES,STRIP LEADS,GET SOLDERING IRON, TIN LEADS,SOLDER LEADS TO CONNECTOR,ASIDE LEADS ENDS-WITH ASIDE SOLDERING IRON
					7470	CASE 01 MOUNT WITH FOUR SCREWS-HOOK UP THREE LEADS-SIMPLE INSTALLATION
					9690	02 MOUNT WITH FOUR SCREWS-HOOK UP THREE LEADS-COMPLEX INSTALLATION(RESTRICTED ACCESS)
NAA	721	MAA	AIRMR01	SDAMR01	9160	MOTOR(OR MOTOR GENERATOR),REPLACE TO GEAR PLATE STARTS-WITH REACH TO UNIT INCLUDES-ALL MOTIONS NECESSARY TO POSITION UNIT,REMOVE BUNDLE TIE,REMOVE RIM MOUNTING SCREWS,REMOVE MOTOR GENERATOR FROM PLATE; POSITION MOTOR GENERATOR TO PLATE,INSTALL RIM MOUNTING SCREWS AND TIE WIRES TO BUNDLE ENDS-WITH WIRES TIED TO BUNDLE CONDITIONS-ONE BUNDLE TIE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	721	MAA	AIRMP02	SDAMR02	10960	MOTOR,REPAIR STARTS-WITH REACH TO TRU ARC PLIERS INCLUDES-ALL MOTIONS NECESSARY TO REMOVE TRU ARC RINGS,REMOVE COVERS,REMOVE BEARING SHIMS, REMOVE BEARING FRONT,REMOVE ROTOR,REMOVE BEARING FROM ROTOR SHAFT,ASIDE BEARINGS TO JAR;CLEAN AND EXAMINE PARTS;GET BEARINGS FROM SHOP,OBTAIN BEARINGS FROM JAR,INSTALL BEARING IN HOUSING,INSTALL BEARING SHIMS,INSTALL COVER,INSTALL TRU ARC RING,CHECK END PLAY, REMOVE TRU ARC RING,REMOVE COVER,REMOVE OR ADD SHIM,INSTALL COVER,INSTALL TRU ARC RING,CHECK END PLAY,ROTATE SHAFT TO CHECK FREEDOM ENDS-WITH ROTATIONAL FREEDOM CHECKED CONDITIONS-NO ELECTRICAL HOOK UP OR DISCONNECT INCLUDED-NO WALK TO GET PARTS INCLUDED-WEIGHT TO THREE POUNDS-COVER AND ARMATURE SECURED WITH SNAP RING
NAA	721	MBA	AIRMR03	SDAMR03	24560	MOTOR,REPLACE STARTS-WITH REACH TO LEAD TIES INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE LEAD TIES,UNSOLDER LEADS,GET AND ASIDE VISE, POSITION GEAR TRAIN ASSEMBLY,INSTALL CONNECTOR IN VISE,GET AND ASIDE TWEEZERS,CHECK LEAD ROUTING,REMOVE SLEEVES FROM TERMINAL,UNSOLDER LEADS,REMOVE EXCESS SOLDER,REMOVE SLEEVE FROM LEADS,ASIDE MOTOR;OBTAIN AND UNWRAP NEW PART, SOLDER LEADS TO TERMINALS,GET UNIT,INSTALL CONNECTOR IN VISE,MEASURE LEADS TO LENGTH,CUT TO LENGTH,STRIP LEADS,TIN LEADS,INSTALL SLEEVES ON LEADS,CHECK WIRING DIAGRAM,SEARCH AND SELECT WIRES,SOLDER TO TERMINALS,INSTALL SLEEVES OVER TERMINALS,ASIDE UNIT,TIE LEADS TO BUNDLE ENDS-WITH LEADS TIED TO BUNDLE CONDITIONS-SIX TIES REQUIRED-SOLDER/UNSOLDER FOUR LEADS-SET WEIGHS TO THREE POUNDS
NAA	721	MAA	AIRMP01	SDAMR04	22090	MOTOR(GENERATOR),REPAIR(DISASSEMBLE,CLEAN, EXAMINE,AND ASSEMBLE) STARTS-WITH MOTOR GENERATOR IN POSITION FOR DISASSEMBLY INCLUDES-ALL MOTIONS NECESSARY TO REMOVE DUST CAP AND REAR COVER,REMOVE SHIMS,REMOVE LOCKING RING,REMOVE ROTOR,ASIDE BEARING INSERT AND REAR CAP,REMOVE BEARING FROM ROTOR,PULL STATOR LEADS THROUGH HOUSING,AND REMOVE STATOR FROM CASE;CLEAN PARTS;EXAMINE PARTS;AND ROUTE STATOR LEADS THROUGH HOUSING,INSTALL STATOR, INSTALL BEARING IN HOUSING,CHECK ROTOR BEARING FIT,INSTALL BEARING TO ROTOR,INSTALL ROTOR, INSTALL REAR CAP,INSTALL LOCKING RING,INSTALL INSERT,INSTALL SHIM,INSTALL REAR COVER,CHECK END PLAY,REMOVE COVER,REPLACE SHIM,AND REPLACE COVER ENDS-WITH INSTALL DUST CAP CONDITIONS-UNIT WEIGHS TO THREE POUNDS-NO ELECTRICAL HOOK UP OR DISCONNECT INCLUDED-NO WALK TO GET PARTS INCLUDED-COVER SECURED WITH SNAP RING-ARMATURE SECURED WITH SCREWS

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	721	MAA	AIRMR02	SDAMR05	37140	MOTOR(GENERATOR),REPLACE STARTS-WITH REACH TO LEAD TIES INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE LEAD TIES,UNSOLDER LEADS,GET AND ASIDE VISE, POSITION GEAR TRAIN ASSEMBLY,INSTALL CONNECTION IN VISE,GET AND ASIDE TWEEZERS,CHECK ROUTING OF LEAD,REMOVE SLEEVES FROM TERMINAL, UNSOLDER LEADS,REMOVE EXCESS SOLDER,REMOVE SLEEVE FROM LEADS,ASIDE MOTOR GENERATOR;OBTAIN REPLACEMENT PART AND REMOVE FROM WRAPPING; SOLDER LEADS TO TERMINAL,GET UNIT,INSTALL CONNECTOR IN VISE,MEASURE LEADS TO LENGTH,CUT TO LENGTH,STRIP LEADS,TIN LEADS,INSTALL SLEEVES ON LEADS,CHECK WIRING DIAGRAM,SEARCH AND SELECT LEADS,SOLDER TO TERMINALS,INSTALL SLEEVES OVER TERMINALS,ASIDE UNIT AND TIE LEADS TO BUNDLE ENDS-WITH LEADS TIED CONDITIONS-SIX BUNDLE TIES REQUIRED-SOLDER/ UNSOLDER EIGHT LEADS-SET WEIGHS TO THREE POUNDS
NAA	721	MAA	AIRSP01	SDARS01	18340	SYNCHRO,REPAIR STARTS-WITH REACH TO SYNCHRO INCLUDES-ALL THE MOTIONS NECESSARY TO GET SYNCHRO AND POSITION FOR WORK,REMOVE LOCKING RING NUT,REMOVE ROTOR END BELL,REMOVE END BELL FROM ROTOR,REMOVE BEARING FROM END BELL,REMOVE SPRING WASHER AND SPACER,OBTAIN AND ASIDE PULLER,POSITION PULLER TO BEARING,TIGHTEN PULLER SCREW,DISENGAGE BEARING FROM HOUSING, LOOSEN PULLER SCREW,OPEN AND CLOSE JAR,ASIDE BEARINGS;CLEAN PARTS,DRESS SLIP RINGS,EXAMINE HOUSING,ROTOR AND SLIP RINGS,EXAMINE END CAP, BRUSHES AND WASHERS;GET BEARING FROM SHOP, REMOVE BEARING FROM JAR,INSTALL BEARING IN HOUSING AND STATOR ASSEMBLY,INSTALL BEARING IN REAR HOUSING,INSTALL SPRING WASHER AND SPACER, DRESS BRUSHES,ALIGN BRUSHES,POSITION AND ALIGN PLATE AND BRUSHES TO ROTOR,CHECK SEATING OF BRUSHES AND BEARING,INSTALL ROTOR TO HOUSING AND STATOR ASSEMBLY,INSTALL LOCKING RIM NUT, CHECK END PLAY AND FREEDOM OF MOVEMENT ENDS-WITH FREEDOM OF MOVEMENT CHECKED CONDITIONS-TIME ALLOWED REFLECTS OCCURRENCE OF 0.10 TO OBTAIN BEARING-DOES NOT INCLUDE WALKING TO GET BEARINGS AND RETURN
NAA	721	MBA	AIRSR02	SDARS02	29450	SYNCHRO,REPLACE STARTS-WITH REACH TO TIES INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE TIES,UNSOLDER LEADS,GET AND ASIDE VISE, POSITION ASSEMBLY,INSTALL CONNECTOR IN VISE, GET AND ASIDE TWEEZERS,CHECK LEAD ROUTING, REMOVE SLEEVE FROM TERMINAL,UNSOLDER LEADS, REMOVE EXCESS SOLDER,REMOVE SLEEVES FROM LEADS,ASIDE SYNCHRO;OBTAIN NEW COMPONENT PART AND REMOVE FROM WRAPPING;SOLDER LEADS TO TERMINALS,GET SYNCHRO,INSTALL CONNECTOR IN VISE,MEASURE LEAD TO LENGTH,CUT TO LENGTH, STRIP LEADS,TIN LEADS,INSTALL SLEEVES ON LEADS,CHECK WIRING DIAGRAM,SEARCH AND SELECT LEADS,SOLDER TO TERMINALS,ASIDE UNIT,AND TIE LEADS TO BUNDLE ENDS-WITH LEADS TIED TO BUNDLE CONDITIONS-TIE/UNTIE BUNDLE SIX TIMES-UNIT WEIGHS UP TO THREE POUNDS-SOLDER/UNSOLDER FIVE LEADS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	721	NAA	SRECNSX	SDASRXX	VARIABLE	SHIM,REPLACE ON ARMATURE STARTS-WITH REACH TO GET MOTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE MOTOR IN VICE,REMOVE ARMATURE HOLDER, REMOVE ARMATURE,BEARING AND SHIM,GET,MEASURE AND SELECT SHIM,ASIDE IMPROPER SHIM,INSTALL SHIM ON ARMATURE,INSTALL BEARING ON ARMATURE, REPLACE ARMATURE IN MOTOR AND SECURE ENDS-WITH ASIDE TOOL CONDITIONS-MOTOR WEIGHS LESS THAN 20 POUNDS
					4420	CASE 01 ARMATURE SECURED WITH TRU-ARC RING
					9450	02 ARMATURE SECURED WITH THREE SCREWS
NAA	721	NAA	SRECN51	SDAUA01	11870	UNIT(MOTOR/GENERATOR),ASSEMBLE STARTS-WITH REACH TO GET BEARING(TWO PACKAGES) INCLUDES-ALL THE MOTIONS NECESSARY TO GET A PACKAGE OF BEARINGS,OPEN PACKAGE,GET BEARINGS, INSTALL BEARINGS IN END PLATE,INSTALL SNAP RING,INSTALL BEARING ON ARMATURE,INSTALL SHIM, GET AND INSTALL MOTOR HOUSING IN VISE,GET AND PLACE ARMATURE IN CASE,INSTALL BRUSH CASE, ALIGN BRUSHES,INSTALL WITH THREE SCREWS,IN-STALL GROMMET,GET AND POSITION COVER SECURE WITH THREE SCREWS ENDS-WITH COVER SECURED
FFE	721	NAA	OIGGFXX	MITBCXX	VARIABLE	BEARINGS(MOTOR),CHECK FIT TO CAP AND HOUSING STARTS-WITH GET ASSEMBLED ROTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET ROTOR,CAP AND HOUSING,POSITION ON WORK AREA, CHECK BEARING FIT OF CAP AND HOUSING,GET HAMMER AND SEAT CAP,ASIDE HAMMER,PLACE HOUSING ASIDE,SEPARATE CAP AND ROTOR,CAP AND ROTOR PLACED ASIDE ENDS-WITH SIMO ASIDE CAP AND ROTOR
					1351	CASE 01 MEDIUM MOTOR
					1500	02 LARGE MOTOR
FFE	721	NAA	OIGGF01	MITBC03	621	BEARING(SMALL MOTOR),CHECK FIT TO HOUSING(BOTH ENDS) STARTS-WITH REACH TO PART INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE PART IN FRONT OF OPERATOR,GET BEARINGS AND PLACE TO BORE(BOTH ENDS),PRESS BEARINGS TO SEAT,GET PIN AND PUSH BEARINGS OUT OF HOLE, PLACE ASIDE PIN AND BEARINGS,ASIDE HOUSING ENDS-WITH FIT CHECKED,PART(HOUSING)ASIDE
FFE	721	NAA	GITBSA3	MITTI01	122	TENSION(BRUSH SPRING),INSPECT AND TEST STARTS-WITH PLACE SCALE HOOK TO SPRING INCLUDES-ALL THE MOTIONS NECESSARY TO HOOK AND RAISE BRUSH SPRING WITH SCALE HOOK,READ SCALE TO DETERMINE TENSION OF SPRING,UNHOOK SCALE HOOK FROM SPRING HOUSING ENDS-WITH SCALE HOOK REMOVED FROM SPRING HOUSING
FFE	721	NAA	GITGMAI	SITAC01	685	ARMATURE,CHECK WITH GROWLER STARTS-WITH REACH TO ARMATURE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE ARMATURE ON GROWLER,MAKE CHECK FOR SHORTED BARS,GET AND ASIDE ARMATURE ENDS-WITH ARMATURE ASIDE CONDITIONS-WEIGHT FACTOR OF 20 POUNDS USED-SET UP AND DISMANTLE GROWLER NOT INCLUDED-WEIGHT CHECK,SWITCH ON AND OFF EIGHT TIMES)

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	721	MAA	SRECZS1	SITAC02	8160	ARMATURE,CHECK AND STRAIGHTEN STARTS-WITH REACH TO GET TEST BEARINGS INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION TEST BEARINGS TO ARMATURE,POSITION"V" BLOCKS,POSITION ARMATURE IN BLOCKS,ADJUST INDICATOR DIAL TO ARMATURE,ROTATE ARMATURE AND OBSERVE DIAL(BEFORE AND AFTER STRAIGHTEN),REMOVE ARMATURE FROM DIAL INDICATOR AND POSITION ON MICARTA BLOCK,TAP ARMATURE WITH HAMMER, REMOVE TEST BEARINGS AND ASIDE,ASIDE ARMATURE ON BENCH ENDS-WITH ASIDE ARMATURE CONDITIONS-UNIT WEIGHS TO THREE POUNDS
NAA	721	MAA	SCRDISX	SIT8EXX	VARIABLE	BRUSHES,EXAMINE STARTS-WITH REACH TO BRUSH CAP OR PLUG OR TO GET TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE BRUSH FASTENER,REMOVE BRUSHES,VISUALLY EXAMINE BRUSHES AND REPLACE BRUSHES AND FASTENERS ENDS-WITH FASTENER REPLACED OR ASIDE TOOL
					2970	CASE 01 EXAMINE TWO BRUSHES-CAP FINGER TIGHT
					5970	02 EXAMINE FOUR BRUSHES-CAP FINGER TIGHT
					8970	03 EXAMINE SIX BRUSHES-CAP FINGER TIGHT
					6310	04 EXAMINE TWO BRUSHES-PLUGS REMOVED AND INSTALLED WITH SCREWDRIVER
					12650	05 EXAMINE FOUR BRUSHES-PLUGS REMOVED AND INSTALLED WITH SCREWDRIVER
					18990	06 EXAMINE SIX BRUSHES-PLUGS REMOVED AND INSTALLED WITH SCREWDRIVER
FFE	721	MAA	GITCCAX	SITCCXX	VARIABLE	CONCENTRICITY(ARMATURE),CHECK WITH DIAL INDICATOR STARTS-WITH REACH TO ARMATURE INCLUDES-ALL THE MOTIONS NECESSARY TO GET ARMATURE AND POSITION IN FIXTURE,ADJUST DIAL INDICATOR,GAUGE CONCENTRICITY,REMOVE AND ASIDE GAUGE,ASIDE ARMATURE ENDS-WITH ARMATURE ASIDE CONDITIONS-PART WITH BOTH ENDS CENTERED-WEIGHS 2-1/2 TO 10 POUNDS
					620	CASE 01 GAUGE FIRST SURFACE ON FIRST END
					567	02 GAUGE FIRST SURFACE ON SECOND END
					570	03 GAUGE SECOND SURFACE ON FIRST END
NAA	721	MAA	SRECIS1	SITEC01	6310	END PLAY(ARMATURE),CHECK STARTS-WITH REACH TO GET MOTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE MOTOR IN TEST FIXTURE,TIGHTEN CLAMPS AND CHUCK,ADJUST WEIGHT SCALE,TIGHTEN CLAMP,TURN LIGHT ON AND OFF,ALIGN INDICATOR TO ZERO, DETERMINE END PLAY,RELEASE SCALE CLAMP,ADJUST SCALE(OPPOSITE DIRECTION),TIGHTEN CLAMP,ALIGN INDICATOR TO ZERO,DETERMINE END PLAY,RELEASE CLAMPS AND CHUCK,REMOVE CLAMPS,REMOVE AND ASIDE MOTOR ENDS-WITH ASIDE MOTOR CONDITIONS-DOES NOT INCLUDE WALKING TO AND FROM TEST AREA
NAA	721	MAA	SRECQS2	SITMC01	6440	MAGNET(ARMATURE),CHARGE STARTS-WITH REACH TO ARMATURE MAGNET INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE MAGNET,GET PERMANENT MAGNET FROM DRAWER,CLOSE DRAWER,POSITION MAGNETS TOGETHER,DETERMINE POLARITIES AND MARK,REPOSITION MAGNETS AND ASIDE PERMANENT MAGNET,PLUG IN CHARGING MACHINE,TURN ON,SELECT CHARGING VOLTAGE, POSITION MAGNET,MATCH POLARITIES,ACTUATE ENERGIZE AND CHARGE SWITCHES SIX TIMES,TURN OFF AND UNPLUG MACHINE,REINSTALL MAGNET ON ARMATURE ENDS-WITH MAGNET INSTALLED ON ARMATURE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	721	MAA	SRECQS1	SITMD01	6090	MAGNET(ARMATURE),DEMAGNETIZE STARTS=WITH REACH TO GET DEMAGNETIZER INCLUDES=ALL THE MOTIONS NECESSARY TO GET AND PLUG IN DEMAGNETIZER,TURN ON,SET METER RANGE SWITCH,CLIP LEADS TO PROBES,POSITION TEST PROBES AND ADJUST DEMAGNETIZER VOLTAGE,ACTUATE "APPLY VOLTAGE"BUTTON TWO TIMES,READ METER TWO TIMES,POSITION TEST PROBES,ADJUST VOLTAGE ACTUATE"APPLY VOLTAGE"BUTTON AND READ METER TWO TIMES,TURN OFF AND UNPLUG DEMAGNETIZER, ASIDE DEMAGNETIZER ENDS=WITH ASIDE DEMAGNETIZER CONDITIONS=DEMAGNETIZER WEIGHS TO 10 POUNDS=DOES NOT INCLUDE WALKING TO AND FROM TEST AREA
NAA	721	MAA	SRECTLX	SITMTXX	VARIABLE	MOTOR(ELECTRIC),TEST STARTS=WITH REACH TO GET SOLDERING IRON INCLUDES=ALL THE MOTIONS NECESSARY TO GET SOLDERING IRON,UNSOLDER LEADS,ASIDE IRON,GET TOOL,REMOVE MOUNTING SCREWS,DISENGAGE AND ASIDE MOTOR,CONNECT TEST LEADS TO MOTOR,APPLY POWER,RUN MOTOR,REVERSE DIRECTION,RUN MOTOR, POWER OFF AND DISCONNECT LEADS,ASIDE LEADS ENDS=WITH ASIDE LEADS CASE 01 SIMPLE REMOVAL=THREE LEADS=FOUR SCREWS 02 COMPLEX REMOVAL=REMOVAL OF TERMINAL SHIELD REQUIRED=THREE LEADS AND FOUR MOUNTING SCREWS
					4450 7420	
FFE	721	MAA	GITBSAX	SITSIXX	VARIABLE	SEATING(BRUSH),INSPECT AND TEST STARTS=WITH REACH TO GET TOOL INCLUDES=ALL THE MOTIONS NECESSARY TO GET TOOL AND REMOVE BRUSH FROM SEAT,VISUAL CHECK SEATING AND REPLACE BRUSH ENDS=WITH ASIDE TOOL CASE 01 SPRING HELD 02 SCREW CAP HELD
					296 1270	
FFE	721	MAA	GITCCA4	MSU8A01	195	BLOCK("V"AND DIAL INDICATOR),ADJUST STARTS=WITH REACH TO SLIDING V BLOCK INCLUDES=ALL THE MOTIONS NECESSARY TO SLIDE V BLOCK ON MOUNT,ADJUST TO POSITION,REACH TO GAUGE,LOOSEN NUT,MOVE GAUGE INTO POSITION, TIGHTEN NUT ENDS=WITH NUT TIGHTENED AND RELEASED CONDITIONS=APPLIES TO ADJUSTMENT FOR ARMATURE OF DIFFERENT SIZE THAN PRIOR ARMATURE
FFE	721	MAA	GITCCA5	SSUDS01	637	DIAL(INDICATOR),SET UP AND DISMANTLE TO/FROM V BLOCK STARTS=WITH REACH TO DIAL GAUGE CASE LATCH INCLUDES=ALL THE MOTIONS NECESSARY TO OPEN CASE,REMOVE GAUGE,GET AND MOUNT ROD TO V BLOCK AND TIGHTEN NUT,GET AND PLACE DIAL ON ROD, TIGHTEN NUT,CLOSE CASE LID,ASIDE CASE,GET AND POSITION CASE,OPEN LID,REMOVE DIAL FROM ROD AND ROD FROM V BLOCK,PLACE IN CASE,CLOSE LID AND LATCH CASE ENDS=WITH CASE CLOSED AND LATCHED AND ASIDE
FFE	726	MAA	ILM88DA	SDACRXX	VARIABLE	CIRCUIT(PIECE),REMOVE FROM PRINTED CIRCUIT BOARD STARTS=WITH REACH TO GET SPONGE INCLUDES=ALL THE MOTIONS NECESSARY TO GET AND CUT SPONGE,PLACE SPONGE ON BOARD,DROP SOFTENER ON SPONGE,PLACE SPONGE TO SOFTEN ENCAPSULANT, GET ORANGE OR BOXWOOD STICK AND REMOVE ENCAPSULANT,ASIDE STICK,LIFT UP CIRCUIT,OBTAIN CUTTERS,CUT OFF BOTH ENDS OF LIFTED CIRCUIT, ASIDE CUTTERS AND LIFTING TOOL ENDS=WITH ASIDE TOOLS CASE 01 UNOBSTRUCTED ACCESS 02 OBSTRUCTED ACCESS
					10245 10365	

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	726	MAA	KPMESR8	SDACT01	4679	COVER(TUBE TYPE OSCILLOSCOPE),TAKE OFF AND PUT ON STARTS-WITH REACH TO GET SCREWDRIVER INCLUDES-ALL THE MOTIONS NECESSARY TO RE-POSITION THE SCOPE,REMOVE HOLDING SCREWS, REMOVE COVER,REPOSITION SCOPE,GET AND ALIGN COVER TO STUDS,POSITION AND SCREW DOWN HOLDING SCREWS ENDS-WITH TOOLS ASIDE CONDITIONS-OSCILLOSCOPE WEIGHS UP TO 40 POUNDS,RUN HOLDING SCREWS(4)IN AND OUT WITH FIVE TO 10 TURNS-APPLIES TO CONVENTIONAL TUBE TYPE OSCILLOSCOPES ONLY
FFE	726	MAA	KPMEWXX	SDAWRXX	VARIABLE	WAVEGUIDE(SECTION),REPLACE STARTS-WITH REACH TO WAVEGUIDE OR TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET, POSITION AND ALIGN WAVEGUIDE SECTION TO SCREW HOLES,INSERT SCREWS/BOLTS AND TIGHTEN,REMOVE SCREWS/BOLTS AND WAVEGUIDE SECTION,ASIDE TOOL AND WAVEGUIDE ENDS-WITH TOOL OR WAVEGUIDE ASIDE CONDITIONS-APPLIES TO WAVEGUIDES,ATTENUATORS, DUMMY LOAD,ETC.-CONNECT/DISCONNECT ONE END ONLY-SECURED WITH FOUR SCREWS/BOLTS
					2586	CASE 01 INSTALL-FOUR SCREWS OR BOLTS WITH NUTS
					1890	02 REMOVE-FOUR SCREWS OR BOLTS WITH NUTS
					2557	03 INSTALL-FOUR ALLEN HEAD SCREWS
					3772	04 REMOVE-FOUR ALLEN HEAD SCREWS
					4476	05 INSTALL AND REMOVE-FOUR SCREWS OR BOLTS WITH NUTS
					6329	06 INSTALL AND REMOVE-FOUR ALLEN HEAD SCREWS
MAA	726	TUA	SEWOT09	SIIDD01	3820	DISTORTION,DETERMINE STARTS-WITH REACH TO OUTPUT CONTROL INCLUDES-ALL THE MOTIONS NECESSARY TO ADJUST OUTPUT CONTROL FOR METER INDICATION,ADJUST ANALYZER INPUT CONTROL,SET FUNCTION SWITCH TO DISTORTION,ADJUST ANALYZER COARSE AND FINE FREQUENCY CONTROL,ADJUST ANALYZER BALANCE FOR NULL,RESET ANALYZER METER RANGE SWITCH,RENULL METER VIA FINE CONTROL,READJUST BALANCE AND READ PERCENT DISTORTION DIRECT ENDS-WITH READ PERCENT DISTORTION CONDITIONS-APPLIES TO HP 3308/C/D ANALYZER OR SIMILAR
MAA	728	TUA	ACEAF56	SDACS01	7298	CONDUIT,SOLDER FERRULES AND INSTALL NUTS STARTS-WITH REACH TO GET CONDUIT INCLUDES-ALL THE MOTIONS NECESSARY TO GET CONDUIT,POSITION FERRULE TO FIXTURE,DIP END OF CONDUIT IN FLUX,POSITION CLAMP TO HOLD CONDUIT AND SOLDER CONDUIT TO FERRULE,COOL WITH AIR, DISENGAGE CLAMP AND CONDUIT,ARRANGE CONDUIT TO OTHER END,INSERT BOTH NUTS ON FREE END,DIP END IN FLUX,POSITION CLAMP TO HOLD CONDUIT,SOLDER FERRULE ON SECOND END OF CONDUIT,BRUSH OFF EXCESS SOLDER,COOL WITH AIR,DISENGAGE CLAMP AND CONDUIT,TURN AND ASIDE CONDUIT ENDS-WITH ASIDE CONDUIT CONDITIONS-1/4 TO 3/4 INCH CONDUIT(OUTSIDE DIAMETER)
MAA	728	MAA	SCECF05	SIDCM01	396	CABLE,MANUFACTURE,MARK SLEEVING,PER MARK STARTS-WITH GET SLEEVING INCLUDES-ALL MOTIONS NECESSARY TO POSITION SLEEVING IN MACHINE AND ACTUATE MACHINE TO MARK SLEEVING ENDS-WITH ASIDE CABLE

DATA SOURCE	DESCRIPTION	QUALITY	SOURCE CODE	DMMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	728	MAA	ACEAF28	SIDCS01	1200	CABLE,STAMP AND APPLY LABEL STARTS-WITH REACH TO GET WIRE INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION WIRE TO BLOCK,ACTUATE FOOT PEDAL,CHECK STAMP ON WIRE,POSITION WIRE OVER PULLY,MACHINE STAMP AND COIL WIRE,POSITION VERSIFLEX TO CABLE ON BOTH ENDS,GET AND ASIDE WIRE ENDS-WITH ASIDE WIRE
NAA	728	MAA	ACEAF26	SIDLP01	7760	LABEL,PREPARE AND ATTACH TO CABLE STARTS-WITH REACH TO GET TOOL-DYMO IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO CUT OFF END OF TAPE,VISUALLY CHECK NUMBERS,SELECT AND SET NUMBERS ON STENCIL DIAL,ACTIVATE LEVER TO STAMP,CUT AND CHECK TAPE,CUT OFF VERSIFLEX, POSITION LABEL INTO VERSIFLEX,TRIM BOTH SIDES OF VERSIFLEX,POSITION LABEL TO CABLE,TIE LABEL TO CABLE,ASIDE CUTTER ENDS-WITH ASIDE SCISSORS OR CUTTER
NAA	728	MAA	ACEAF53	MITCT01	1050	CABLE(COAXIAL),TEST INSULATION(AFTER ASSEMBLY) STARTS-WITH CABLE IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO VISUALLY CHECK CABLE ASSEMBLY,POSITION METER LEADS TO PINS(TWO),CHECK METER READING,POSITION ONE LEAD TO SHELL AND CHECK READING,REMOVE AND ASIDE LEADS ENDS-WITH ASIDE LEADS
NAA	728	MAA	SCECIXX	SITCEXX	VARIABLE	CABLE,EXAMINE VISUALLY FOR DEFECTS/DAMAGE STARTS-WITH GET CABLE INCLUDES-ALL MOTIONS NECESSARY TO MOVE CABLE TO AREA OF VISION AND PERFORM VISUAL INSPECTION OF FIVE-FOOT CABLE ENDS-WITH ASIDE CABLE
					1366	CASE 01 FIRST FIVE-FOOT LENGTH EXAMINED
					1063	02 EACH ADDITIONAL FIVE-FOOT LENGTH EXAMINED
NAA	728	MAA	SCECF22	SITCM01	1410	CABLE,MANUFACTURE,CHECK CONTINUITY,PIN TO PIN STARTS-WITH CHECK PRINT FOR PIN NUMBER CONNECTION INCLUDES-ALL MOTIONS NECESSARY TO SELECT PIN ON CABLE PLUG,POSITION TEST LEAD,CHECK WIRE NUMBER,SELECT PIN ON SECOND PLUG,POSITION LEAD TO PIN,AND OBSERVE INDICATION ENDS-WITH REMOVE AND ASIDE LEADS
NAA	728	MAA	ACEAF37	SITCT01	2440	CABLE,TEST AND EXAMINE STARTS-WITH REACH TO GET CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET A CABLE,PLUG IN(2 PLUGS),UNPLUG BOTH PLUGS,CHECK CABLE SOLDER CONNECTIONS AND STAMP IDENTIFICATION CARD ENDS-WITH ASIDE CABLE CONDITIONS-CLOSE EXAMINATION REQUIRED
NAA	728	MAA	ACEAF54	SITCT02	4978	CABLE(TRIAXIAL),TEST AND CHECK STARTS-WITH REACH TO CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND VISUALLY EXAMINE CABLE,POSITION METER LEADS TO PINS,CHECK METER READINGS,REMOVE AND ASIDE METER LEADS,POSITION MEGGER LEADS TO PINS, CRANK MEGGER,REMOVE AND ASIDE LEADS ENDS-WITH ASIDE TEST LEADS CONDITIONS-MAKE THREE READINGS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	728	MAA	ACEAF41	SITCT03	1340	CABLE,TEST(PIN TO PIN-ONE PLUG) STARTS-WITH POSITION PRINT TO DETERMINE PIN CONNECTION INCLUDES-ALL THE MOTIONS NECESSARY TO CHECK PRINT FOR PIN CONNECTION,CHECK WIRE NUMBER, SELECT WIRE,STRIP END,POSITION TEST LEADS TO WIRE AND PIN,CHECK INDICATION,REMOVE LEADS ENDS-WITH ASIDE LEADS AND CABLE/PLUG
NAA	728	MAA	ACEAF53	SITCT04	1088	CABLE(COAXIAL),TEST ON PANEL(FINAL) STARTS-WITH REACH TO CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET CABLE,VISUALLY EXAMINE CABLE,POSITION PLUG TO PANEL,TURN POWER ON AND OFF,TURN VOLTMETER SWITCH ON AND OFF,ACTUATE SWITCH AND CHECK LIGHT,REMOVE PLUG FROM PANEL AND ASIDE ENDS-WITH ASIDE PLUG AND CABLE
NAA	728	MAA	ACEAF40	SITCT05	1150	CABLE,TEST(PIN TO PIN-TWO PLUGS) STARTS-WITH POSITION PRINT TO DETERMINE PIN NUMBER(S) INCLUDES-ALL THE MOTIONS NECESSARY TO CHECK PRINT,DETERMINE PIN NUMBER(S),SELECT PIN(S)ON CABLE PLUG,POSITION TEST LEADS TO PINS,CHECK INDICATION,CHECK WIRE NUMBER,REMOVE LEADS ENDS-WITH ASIDE LEADS AND OR PLUGS
AF	728	MAA	MDL-4P	SITCT06	98	CABLE(ELECTRICAL),TWIST TEST PLUG ENDS STARTS-WITH REACH TO GET CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET CABLE IN ONE HAND,GRASP PLUG(CONNECTOR)WITH OTHER HAND AND TWIST 180 DEGREES,RELEASE PLUG, GRASP PLUG AGAIN AND TWIST 180 DEGREES IN OTHER DIRECTION,ASIDE CABLE ENDS-WITH ASIDE CABLE
NAA	728	MAA	ACEAF33	SJPCI01	3600	CABLE(ROUND OR SPLIT TYPE),INSTALL AND REMOVE IN/FROM FIXTURE STARTS-WITH REACH TO GET CABLE ASSEMBLY INCLUDES-ALL THE MOTIONS NECESSARY TO GET CABLE ASSEMBLY,POSITION AND SECURE PLUG(S) IN FIXTURE,WALK WITH CABLE TO OTHER END,ALIGN WIRE;RETURN TO FIXTURE,REMOVE PLUG(S),COIL AND TIE CABLE ENDS-WITH ASIDE TIED CABLE CONDITIONS-DOES NOT INCLUDE WALKING TO AND FROM FIXTURE WITH CABLE-INCLUDES WALK 12 FEET TO END OF ROUND TYPE CABLE AND RETURN AND WALK 24 FEET TO OTHER END OF SPLIT TYPE CABLE AND RETURN-APPLICABLE TO BOTH PLAIN AND ZIPPERED SLEEVING
NAA	728	MAA	SCECLXX	SJPCLXX	VARIABLE	CABLE(ELECTRICAL),LAYOUT STARTS-WITH REACH TO GET CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION CABLE ON BENCH,CUT TIES,POSITION CABLE END IN HOLDING FIXTURE,GET COILED CABLE AND LAYOUT ON WORKBENCH ENDS-WITH CABLE ROLLED OUT ON BENCH,END IN FIXTURE CASE 01 LAYOUT FIRST OR ONLY FIVE LINEAR FEET (1283) 02 LAYOUT EACH ADDITIONAL FIVE LINEAR FEET (183)
NAA	728	MAA	ACEAF52	SJPCP01	1560	CABLE(COAXIAL),PREPARE TO MANUFACTURE AND TEST STARTS-WITH REACH TO GET CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET CABLE,UNTIE COIL,UNCOIL,COIL AND TIE ENDS-WITH ASIDE CABLE CONDITIONS-CABLE 10 FEET LONG

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	728	MAA	ACEAF03	SJPPV01	440	PARTS(AVIONIC CABLE),VERIFY AND EXAMINE STARTS-WITH REACH TO PACK INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND UNPACKAGE PARTS,CHECK BLUEPRINT,CHECK PART, ASIDE PART ENDS-WITH ASIDE PART CONDITIONS-APPLIES TO PLUGS AND SPECIAL PARTS
NAA	728	MAA	ACEAF46	SJPSS01	640	STOP(MEASURING TABLE),SET FOR DESIRED LENGTH STARTS-WITH A REACH TO KNURLED SCREW INCLUDES-ALL THE MOTIONS NECESSARY TO LOOSEN SCREW,POSITION MEASURING STOP,TIGHTEN SCREW ENDS-WITH RELEASE SCREW AFTER TIGHTEN
NAA	728	MAA	ACEAF43	SJPTI01	5926	TUBE(POTTING),INSERT IN,REMOVE FROM GUN,CLEAN STARTS-WITH GET POTTING FROM FREEZER INCLUDES-ALL THE MOTIONS NECESSARY TO GET POTTING,ALIGN AIR GUN,POSITION TUBE IN GUN, LATCH AND SECURE CAP,SCREW ON KNURLED SCREW, REMOVE POTTING TUBE TIP,INSTALL NEW TIP,LOOSEN KNURLED SCREW,DISENGAGE CAP,REMOVE EMPTY TUBE AND ASIDE GUN AND TUBE,OBTAIN EMPTY TUBE, POSITION INSERT DEVICE AND TWIST TO REMOVE POTTING ON INSIDE WALL OF TUBE,REMOVE INSERT DEVICE,UNSCREW TIP,CLEAN TUBE,POSITION ROD TO REMOVE FINAL PIECE OF OLD POTTING,REMOVE ROD AND ASIDE TUBE AND POTTING ENDS-WITH ASIDE TUBE AND POTTING CONDITIONS-DOES NOT INCLUDE WALKING TO AND FROM FREEZER TO GET POTTING-USE PNEUMATIC POTTING GUN
NAA	728	MAA	ACEAF46	SJPTL01	1560	TERMINALS,LOAD IN MACHINE STARTS-WITH REACH TO GET NEW ROLL OF TERMINALS INCLUDES-ALL THE MOTIONS NECESSARY TO GET ROLL OF TERMINALS,REMOVE EMPTY REEL,INSTALL NEW REEL,POSITION END OF ROLL TO MACHINE FEED ENDS-WITH END OF ROLL POSITIONED FOR FEED
NAA	728	FAA	JCECF8L	SMTCS01	31460	CONDUIT,SOLDER STARTS-WITH GET AND PUT ON GLOVE INCLUDES-ALL THE MOTIONS NECESSARY TO GET SOLDER,TURN MACHINE ON,WARM MACHINE UP,GET AND PLACE CONDUIT IN MACHINE,WAIT ONE MINUTE FOR INDUCTION,APPLY SOLDER,REMOVE CONDUIT,EXAMINE WORK,COOL ONE MINUTE,TURN OFF MACHINE,REMOVE GLOVE ENDS-WITH REMOVE GLOVE CONDITIONS-SOLDER IN LEPEL ELECTRONIC UNIT-BRASS CONDUIT WITH LIP-WARM UP AND WAIT FOR INDUCTION TIME FROM MACHINE OPERATING INSTRUCTIONS
NAA	728	TUA	SCECF01	MPTCM01	1514	CABLE,MANUFACTURE,WARM UP CODING MACHINE STARTS-WITH PLUG IN CORD INCLUDES-ALL MOTIONS NECESSARY TO TURN SWITCH ON AND ALLOW APPROXIMATELY 45 SECONDS FOR MACHINE TO WARM UP ENDS-WITH MACHINE WARM
NAA	728	MAA	SCECF05	MSUCM01	2330	CABLE,MANUFACTURE,SET UP STAMPING DIE STARTS-WITH UNLATCH DIE INCLUDES-ALL MOTIONS NECESSARY TO REMOVE DIE FROM MACHINE,REMOVE STAMP NUMBERS,SELECT NEW STAMP NUMBERS,INSTALL STAMP NUMBERS TO DIE,AND POSITION DIE TO MACHINE ENDS-WITH HOOK LATCH CONDITIONS-DOES NOT INCLUDE MACHINE WARM UP

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	728	MAA	SCECF02	SSUCM02	1370	CABLE,MANUFACTURE,REPLACE STAMPING BLOCK STARTS-WITH LOOSEN TWO KNURLED SCREWS INCLUDES-ALL MOTIONS NECESSARY TO REMOVE BLOCK,ASIDE BLOCK TO DRAWER,GET NEW BLOCK,AND POSITION BLOCK ENDS-WITH TIGHTEN KNURLED SCREWS
NAA	728	TUA	SCECF01	SSUCM03	1690	CABLE,MANUFACTURE,REPLACE RIBBON IN CODING MACHINE STARTS-WITH LOOSEN LATCHES INCLUDES-ALL MOTIONS NECESSARY TO REMOVE EMPTY SPOOL,OBTAIN NEW RIBBON FROM UNLOCKED CABINET OR DRAWER,REMOVE RIBBON FROM PACKAGE,POSITION SPOOL THROUGH LATCH,SET LATCH IN PLACE,AND ROUTE RIBBON AROUND CHANNEL ENDS-WITH RELEASE OF RIBBON
NAA	728	MAA	SCECF01	SSUCM04	1902	CABLE,MANUFACTURE,REPLACE WIRE SPOOL IN CODING MACHINE STARTS-WITH LIFT SPOOL FROM RACK INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOOL,LOOSEN NUT,REMOVE COLLAR,ASIDE TOOL,REMOVE ROD FROM SPOOL,GET NEW SPOOL,INSTALL ON ROD,INSTALL AND TIGHTEN COLLAR,PLACE SPOOL ON RACK ENDS-WITH RELEASE OF SPOOL
NAA	728	MAA	ACEAF27	SSUDS01	3660	DIE(STAMPING),SET UP STARTS-WITH GET CUTTING TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO CUT VERSIFLEX,CHECK WIRE LIST,REMOVE DIE FROM MACHINE,CHECK STAMP NUMBER,OBTAIN PAD TO HOLD DIE,LOOSEN KNURLED SCREW,REMOVE STAMP NUMBERS AND POSITION TO SLOTS,SELECT NUMBERS AND POSITION TO DIE,TIGHTEN SCREW,POSITION DIE BACK TO MACHINE,ASIDE PAD,REMOVE AND REPLACE STAMPING BLOCK ENDS-WITH TIGHTEN SCREWS TO HOLD NEW BLOCK IN POSITION CONDITIONS-DOES NOT INCLUDE WALKING TO GET VERSIFLEX OR WALKING TO STAMP MACHINE
NAA	728	MAA	ACEAF07	SSUMS01	2360	MACHINE(CABLE CODING),SET UP STARTS-WITH REACH TO PLUG ON CORD INCLUDES-ALL THE MOTIONS NECESSARY TO PLUG IN ELECTRIC CORD,TURN ON SWITCH,ALLOW MACHINE TO WARM UP,POSITION CHECK LIST IN VIEW,MOVE CHAIR AND SIT AND STAND,REMOVE AND REPLACE STAMPING RIBBON,SET KNOBS,LENGTH,MARK SPACING AND COUNTER ON CONTROL PANEL OF AUTOMATIC MACHINE, ACTUATE START AND RESET SWITCHES,ASIDE CODED WIRES TO BIN,SELECT BIN,POSITION IDENTIFICATION ENDS-WITH IDENTIFICATION POSITIONED CONDITIONS-NUMBER 16 TO 22 SHIELDED WIRE-12 TO 24 PLAIN WIRE-APPLIES TO KINGSLEY AUTOMATIC CODING MACHINE-REMOVE AND REPLACE STAMPING RIBBON ONE TIME PER 10 SET UP-WARM UP TIME IS 200 TMUS
NAA	728	TUA	ACEAF56	STLFR01	2450	FERRULE(ON CONDUIT),REAM BY HAND STARTS-WITH GET REAMING TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET REAMER AND REAM OUT FERRULE,INSPECT VISUALLY AFTER REAMING,CLEAN WITH WIRE BRUSH ENDS-WITH ASIDE CABLE CONDITIONS-BRASS CONDUIT-1/4 TO 3/4 INCH OUTSIDE DIAMETER-TWO FERRULES

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	728	MAA	ACEAF56	MTPCM01	2490	CONDUIT(ELECTRICAL-BRASS),MEASURE AND CUT STARTS-WITH COILED CONDUIT IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO UNCOIL CONDUIT,POSITION TO MEASURE,MEASURE AND MARK CONDUIT,APPLY FLUX TO MARK AREA,TIN CONDUIT, MOVE CONDUIT TO BAND SAW AND CUT,ASIDE TO WORKBENCH,RECOIL UNCUT CONDUIT ENDS-WITH ASIDE CUT CONDUIT TO WORKBENCH CONDITIONS-BRASS CONDUIT 1/4 TO 3/4 INCH,OUT-SIDE DIAMETER
NAA	728	MAA	ACEAF57	MTPCM02	1690	CONDUIT(ELECTRICAL-ALUMINUM),MEASURE AND CUT STARTS-WITH COIL OF CONDUIT IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO UNCOIL CONDUIT,POSITION AND MEASURE,MARK CUT POINT, TAPE AT MARK,POSITION TO BAND SAW AND CUT CONDUIT,ASIDE CONDUIT,RECOIL ENDS-WITH ASIDE CUT CONDUIT,RECOIL REMAINDER CONDITIONS-RUBBER COVERED ALUMINUM CONDUIT,1/4 TO 3/4 INCH OUTSIDE DIAMETER-CUT FOUR FEET AVERAGE
NAA	728	MAA	ACEAF56	STPCD01	3258	CONDUIT(ELECTRICAL-BRASS),DRESS AND FILE STARTS-WITH REACH TO CUT CONDUIT INCLUDES-ALL THE MOTIONS NECESSARY TO GET CONDUIT,TURN TO GRINDER,START GRINDER,GRIND END OF CONDUIT,TURN OFF GRINDER,PICK UP FILE AND FILE INSIDE OF CONDUIT TO REMOVE NICKS, ASIDE FILE,ASIDE CONDUIT ENDS-WITH ASIDE FILE AND CONDUIT CONDITIONS-GRIND AWAY HARD CARBON,METAL SICH-ING,ETC.,FILE OUT NICKS TO .030 INCHES DEEP BY 3/8 INCH LONG IN BRASS-
NAA	728	MAA	ACEAF59	MWHWFXX	VARIABLE	WIRE(S),FEED THROUGH CONDUIT STARTS-WITH REACH TO GET CONDUIT INCLUDES-ALL THE MOTIONS NECESSARY TO GET CONDUIT AND WIRES,POSITION WIRES IN CONDUIT AND FEED THROUGH,PULL WIRES CLEAR,ASIDE CONDUIT ENDS-WITH ASIDE CONDUIT CONDITIONS-FEED BUNDLE OF THREE WIRES 973 CASE 01 FEED WIRES TWO TO 16 INCHES 54 02 FEED EACH ADDITIONAL FOUR INCHES
NAA	728	MUA	SCEBN01	SWHBI01	2900	BAND(LOCKING),INSTALL AND CRIMP,AIRCRAFT CABLE STARTS-WITH GET FIRST CONDUCTOR INCLUDES-ALL MOTIONS NECESSARY TO GET UP TO FIVE CONDUCTORS,FORM CABLE BUNDLE,WRAP TAPE AROUND BUNDLE,ASSEMBLE CLEAT TO LOCKING BAND, POSITION LOCKING BAND AROUND CABLE,THREAD BAND THROUGH CLEAT,TIGHTEN BAND ON CABLE BY HAND, GET PLIERS AND TIGHTEN BAND,GET CRIMPER,CRIMP CLEAT,CUT OFF EXCESS BAND WITH HACKSAW,DEBURR END OF BAND,AND VISUALLY EXAMINE CLAMP ENDS-WITH ASIDE CABLE CONDITION-BAND IS TO 1/2 INCH WIDE AND 11 INCHES LONG,.050 INCHES THICK,STAINLESS STEEL
NAA	728	MAA	ACEAF47	SWHCC01	1004	CABLE(BONDING),CUT(PER CUT) STARTS-WITH REACH TO SELECT CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO REACH, SELECT AND PICK UP CABLES,POSITION TO MEASURED POINT,POSITION TO CABLE CUTTER,ACTUATE FOOT PEDAL TO CUT CABLES,ASIDE CABLE ENDS-WITH ASIDE CABLES AFTER CUTTING CONDITIONS-LIMITED TO FIVE WIRES PER CUT

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	728	MAA	ACEAF24	SWHCIXX	VARIABLE	CABLE,INSTALL AND REMOVE FROM TYING FIXTURE STARTS-WITH REACH TO LATCH INCLUDES-ALL THE MOTIONS NECESSARY TO WALK TO AND FROM TYING FIXTURE,PLACE PLUG IN FIXTURE AND SECURE LATCH,WALK TO OTHER END,OPEN LATCH, POSITION PLUG TO LATCH,CLOSE AND SECURE,OPEN LATCH AT ONE END TO REMOVE,REMOVE PLUG,WALK TO OTHER END,OPEN LATCH AND REMOVE CABLE,COIL AND TIE CABLE ASSEMBLY ENDS-WITH ASIDE COIL CONDITIONS-CABLE OVER EIGHT FEET LONG-DOES NOT INCLUDE WALK TO LATCH AT EACH END OF CABLE-ADD WALKING TIME BASED ON LENGTH OF CABLE
					1720	CASE 01 INSTALL CABLE IN FIXTURE
					2030	02 REMOVE CABLE FROM FIXTURE
					3750	03 INSTALL AND REMOVE IN/FROM FIXTURE
FFO	728	MAA	KERCCA3	SWHCI04	2738	COLLAR(THREADED METAL),INSTALL ON COAXIAL CABLE-UNRAVEL BRAIDED METAL SHIELD AND PRESS TO COLLAR STARTS-WITH REACH TO BRAIDED METAL SHIELD INCLUDES-ALL THE MOTIONS NECESSARY TO DRESS/ STRAIGHTEN SHIELD,THREAD COLLAR TO CABLE,SLIDE COLLAR ON CABLE,SLIDE WASHER ON CABLE,PLACE AND SLIDE RUBBER GASKET ON SHIELD,UNRAVEL SHIELD,BEND STRANDS OF SHIELD AND PRESS TO METAL COLLAR,CUT STRANDS,TRIM,ASIDE CUTTER AND FINISH PRESSING STRANDS OF SHIELD AGAINST METAL COLLAR ENDS-WITH FINAL PRESS OF SHIELD STRANDS AGAINST METAL COLLAR CONDITIONS-APPLIES TO COAXIAL CABLE WITH DIA-METER EQUAL TO OR LESS THAN 1/2 INCH AND GREATER THAN 1/4 INCH-MANUAL OPERATION
NAA	728	MAA	SCECF19	SWHCM01	1060	CABLE,MANUFACTURE,INSTALL HEAT INSULATION,ONE INCH LONG STARTS-WITH GET INSULATOR INCLUDES-ALL MOTIONS NECESSARY TO CUT A ONE-INCH LENGTH OF INSULATOR WITH DIAGONAL PLIERS,POSITION INSULATOR TO WIRE,AND HEAT INSULATOR WITH THERMAL GUN ENDS-WITH ASIDE THERMAL GUN
NAA	728	MAA	SCECF21	SWHCM02	810	CABLE,MANUFACTURE,TIE CABLE WITH PLASTIC STRAP,PER STRAP STARTS-WITH GET STRAP INCLUDES-ALL MOTIONS NECESSARY TO POSITION STRAP AROUND CABLE,GET FASTENING TOOL,POSITION STRAP TO TOOL,AND ACTUATE TOOL TO FASTEN STRAP ENDS-WITH ASIDE TOOL
NAA	728	MAA	SCECF17	SWHCM03	2058	CABLE,MANUFACTURE,STRIP SHIELDED WIRE AND ATTACH JUMPER STARTS-WITH STRIP OUTER INSULATION INCLUDES-ALL MOTIONS NECESSARY TO STRIP SHIELDING,GET JUMPER WIRE,STRIP END,TWIST JUMPER AND SHIELD TOGETHER,AND SOLDER JUMPER AND SHIELD ENDS-WITH ASIDE SOLDER IRON CONDITION-APPLICABLE TO NO.16-NO.22 WIRE

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	728	MAA	ACEAF57	SWHCS01	12030	CONDUIT,STRIP AND INSTALL NUTS STARTS=WITH REACH TO OBTAIN CUT CONDUIT INCLUDES=ALL THE MOTIONS NECESSARY TO GET CONDUIT,REMOVE MASKING TAPE,CUT AND REMOVE 1/4 INCH OF INSULATION,DRESS INSIDE AND TRIM EDGES OF CONDUIT,GET FERRULE NUT FROM DRAWER,PLACE NUT ON CONDUIT,SEAT NUT,POSITION CONDUIT AND NUT FIXTURE,TURN WHEEL TO ENGAGE NUT,ADJUST OUTSIDE FERRULED CRIMP SCREWS,TURN SPINDLE TO GROOVE NUT,LOOSEN ADJUSTMENT SCREWS,DISENGAGE FROM FIXTURE AND CHECK CONDUIT NUT,POSITION A OR B NUT OVER CONDUIT,POSITION CONDUIT TO OTHER NUT,REPEAT OPERATION FOR SECOND END ENDS=WITH ASIDE CONDUIT CONDITIONS=RUBBER COVERED ALUMINUM CONDUIT,1/4 TO 3/4 INCH OUTSIDE DIAMETER=AVERAGE LENGTH FOUR FEET
NAA	728	MUA	SCEPK01	SWHPMXX	VARIABLE	PLUG(CABLE),MOLD STARTS=WITH CUT RUBBER STRIPS FOR MOLD INCLUDES=ALL MOTIONS NECESSARY TO PLACE RUBBER STRIPS IN BOTTOM OF MOLD,PLACE THREE SPRINGS AND WASHERS IN MOLD,INSTALL CONTACT SOCKET TO MOLD WITH THREE BOLTS,PACK RUBBER STRIPS ON CONTACT SOCKET,ASSEMBLE TWO HALVES OF MOLD, INSTALL SUPPLEMENTAL MOLD TO PRIMARY MOLD WITH TWO DOWEL PINS,REMOVE SUPPLEMENTAL MOLD INSERT,PACK WITH RUBBER STRIPS,REINSTALL INSERT,PLACE MOLD IN HEAT PRESS,TURN STEAM ON, AND RAISE PRESS TABLE TO DESIRED POSITION ENDS=WITH MOLD IN PRESS CONDITION=APPLICABLE TO PRESCO HEAT PRESS, MODEL PA 7-3 OR SIMILAR
					8830	CASE 01 MANUALLY OPERATED HYDRAULIC TABLE
					8650	02 HYDRO-PNEUMATIC TABLE
NAA	728	MAA	SCEML01	SWHPR01	7380	PLUG(CABLE),REMOVE FROM MOLD STARTS=WITH PUT ON GLOVES INCLUDES=ALL MOTIONS NECESSARY TO RELEASE PRESSURE ON HEAT PRESS,REMOVE MOLD AND STUFFING BOX FROM PRESS,USE SCREWDRIVER TO PRY SUPPLEMENTAL MOLD FROM PRIMARY MOLD,USE HACKSAW TO CUT RUBBER CONNECTIONS,REMOVE LID FROM SUPPLEMENTAL MOLD WITH ARBOR PRESS,REMOVE TOP HALF OF MOLD WITH PRY BAR,REMOVE END PLATE BOLT WITH FINGERS,REMOVE THREE TERMINAL HOLDING BOLTS WITH WRENCH,AND REMOVE PLUG FROM MOLD ENDS=WITH ASIDE PLUG CONDITION=WALKING TO AND FROM HEAT PRESS AND ARBOR PRESS NOT INCLUDED
NAA	728	MAA	ACEAF34	SWHSIXX	VARIABLE	SLEEVING(VINYLITE),INSTALL OVER CABLE STARTS=WITH REACH TO GET WIRES INCLUDES=ALL THE MOTIONS NECESSARY TO GET AND ALIGN WIRES IN CABLE,POSITION VINYLITE OVER CABLE ENDS=WITH SLEEVING IN POSITION OVER CABLE CONDITIONS=DOES NOT INCLUDE FASTENING OR SECURING CABLE OR SLEEVING=DOES NOT INCLUDE EXTREMELY PRECISE OR MINUTE OPERATIONS REQUIRING HIGH SKILL
					540	CASE 01 PLAIN VINYLITE=PLY TUBE
					2120	02 ZIPPERED VINYLITE=INCLUDES APPLYING PRIMER AND ZIPPING SLEEVING TOGETHER=PER SIX INCHES

DATA SOURCE	DESCRIPTION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	728	MAA	SLESNXX	SWHSI03	7450	SLEEVING,INSTALL STARTS-WITH REACH TO GET SLEEVING FROM RACK INCLUDES-ALL THE MOTIONS NECESSARY TO GET A COIL OF SLEEVING FROM RACK STORAGE,OBTAIN TAPE MEASURE,PULL OUT TAPE,MEASURE SLEEVING, ASIDE TAPE,CUT SLEEVING,COIL CUT SLEEVING, ASIDE STOCK COIL,GET AND ASIDE ROLL OF TAPE, TIE END OF CABLE,PLACE PIECE OF TAPE OVER END OF CABLE,PLACE SLEEVING OVER CABLE,REMOVE TAPE FROM CABLE END,CUT,REMOVE AND ASIDE TIE, POSITION CABLE TOGETHER AND MAKE ONE TIE,GET AND ASIDE CABLE FROM KIT ENDS-WITH ASIDE CABLE
NAA	728	MUA	SCESNAD	SWHSI04	6110	SPLICE/SLEEVE,INSTALL,MULTI WIRE BUTT SPLICE STARTS-WITH REACH TO WIRES INCLUDES-ALL MOTIONS NECESSARY TO LOCATE WIRES AND SEPARATE FROM BUNDLE,PLACE IDENTIFICATION SLEEVES AND SEALANT RING ON WIRES,STRIP INSULATION,CRIMP WIRES IN BARREL(S),POSITION SLEEVE OVER BARREL,POSITION SEALANT RING IN SLEEVE,AND SHRINK SLEEVE WITH GUN ENDS-WITH ASIDE TOOLS CONDITIONS-AN AVERAGE OF 3.13 WIRES ARE TERMINATED PER SPLICE.APPLICABLE TO MULTI WIRE SEALED CRIMP BUTT SPLICE,RAYCHEM D-436-34 OR SIMILAR
NAA	728	MUA	SCESN8A	SWHSI05	3620	SPLICE/SLEEVE,INSTALL,SOLDER SLEEVE,INSULATED WIRE STARTS-WITH REACH TO WIRES INCLUDES-ALL MOTIONS NECESSARY TO LOCATE WIRES AND SEPARATE FROM BUNDLE,CUT GROUP OF WIRES, STRIP INSULATION FROM WIRES,TWIST WIRE ENDS TOGETHER,POSITION SLEEVE ON WIRES,POSITION SOLDER RING,AND SHRINK SLEEVE WITH GUN ENDS-WITH ASIDE TOOLS CONDITIONS-AN AVERAGE OF THREE WIRES ARE TERMINATED PER SPLICE.APPLICABLE TO SHRINK SOLDER SLEEVE NAS 1746-3,-4,OR RAYCHEM D-146-01 OR SIMILAR
NAA	728	MUA	SCESN8B	SWHSI06	2900	SPLICE/SLEEVE,INSTALL,SOLDER SLEEVE,SHIELDED WIRE STARTS-WITH REACH TO WIRES INCLUDES-ALL MOTIONS NECESSARY TO LOCATE WIRE AND SEPARATE FROM BUNDLE,CUT TO LENGTH,STRIP WIRE END,POSITION SLEEVE ON WIRE,EXAMINE SOLDER RING POSITION,AND SHRINK SLEEVE WITH GUN ENDS-WITH ASIDE TOOLS CONDITIONS-APPLICABLE TO SHRINK SOLDER SLEEVE. RAYCHEM D-146-01 OR SIMILAR
NAA	728	MUA	SCESN8C	SWHSI07	4220	SPLICE/SLEEVE,INSTALL,SOLDER SLEEVE,COAX CABLE (ONE END ONLY) STARTS-WITH REACH TO CABLE INCLUDES-ALL MOTIONS NECESSARY TO LOCATE CABLE AND SEPARATE FROM BUNDLE,MEASURE AND MARK CABLE,CUT TO LENGTH,STRIP INSULATION FROM CABLE,POSITION SLEEVE ON CABLE,AND SHRINK WITH GUN ENDS-WITH ASIDE TOOLS CONDITION-APPLICABLE TO SHRINK SOLDER SLEEVE, RAYCHEM D-133-05,-06,OR SIMILAR

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	728	MUA	SCESNCA	SWHSI08	2370	SPLICE/SLEEVE,INSTALL,SHIELDED WIRE STARTS=WITH REACH TO WIRE INCLUDES=ALL MOTIONS NECESSARY TO LOCATE WIRE AND SEPARATE FROM BUNDLE,CUT WIRE TO LENGTH, STRIP INSULATION FROM WIRE END,CUT SLEEVE FROM STOCK,POSITION SLEEVE ON WIRE,AND SHRINK SLEEVE WITH GUN ENDS=WITH ASIDE TOOLS CONDITION=APPLICABLE TO THERMOFIT SLEEVES, 1/8=1/4 INCH DIAMETER
NAA	728	MUA	SCESNAA	SWHSI09	4520	SPLICE/SLEEVE,INSTALL STARTS=WITH CHECK DATA FOR NEXT WIRE INCLUDES=ALL THE MOTIONS NECESSARY TO LOCATE WIRE AND READ INFORMATION,OBTAIN TWO WIRES FROM BUNDLE,GET AND POSITION IDENTIFICATION SLEEVE TO WIRE,GET CUTTERS,CUT WIRE TO LENGTH, ASIDE CUTTERS,GET AND PLACE SHRINK SLEEVE ON WIRE,CRIMP BARREL TO WIRE(FIRST END),CRIMP SECOND WIRE,CRIMP BARREL TO SECOND END,INSPECT CRIMPED BARREL,ALIGN SLEEVE OVER BARREL,SHRINK WITH MINI=GUN,THERMOFIT CV 5300,INSPECT,ASIDE TOOLS ENDS=WITH INSPECT TERMINATION CONDITIONS=APPLICABLE TO SEALED CRIMP BUTT, RAYCHEM D=436=21 AND SIMILAR
NAA	728	MUA	SCESNAB	SWHSI10	5690	SPLICE/SLEEVE,INSTALL STARTS=WITH CHECK DATA TO LOCATE WIRES INCLUDES=ALL THE MOTIONS NECESSARY TO READ DATA,LOCATE AND SELECT WIRES,GET AND POSITION IDENTIFICATION SLEEVE TO FIRST AND EACH ADDITIONAL WIRE,CUT WIRES TO LENGTH,STRIP INSULATION FROM EACH WIRE,GET AND PLACE BARREL ON WIRES,CUT WIRES TO LENGTH,PLACE SHRINK SLEEVE ON WIRE,CRIMP BARREL,INSPECT CRIMPED BARREL, ALIGN SLEEVE OVER BARREL,SHRINK SLEEVE WITH MINI=GUN,THERMOFIT CV 5300,ASIDE TOOLS,INSPECT TERMINATION ENDS=WITH INSPECT TERMINATION CONDITIONS=APPLICABLE TO SEALED LAP SPLICE, RAYCHEM D=436=59 AND SIMILAR=AN AVERAGE OF 2.86 WIRES ARE TERMINATED PER SPLICE
NAA	728	MUA	SCESNAC	SWHSI11	7110	SPLICE/SLEEVE,INSTALL,STUB SPLICE WITH END CAP STARTS=WITH REACH TO WIRES INCLUDES=ALL MOTIONS NECESSARY TO LOCATE WIRES AND EXTRACT FROM BUNDLE,POSITION IDENTIFICATION SLEEVES,CUT WIRES TO LENGTH, STRIP INSULATION,TWIST WIRE ENDS TOGETHER, CRIMP TWISTED WIRES,CUT OFF EXCESS WIRE, POSITION CAP OVER SPLICE,AND SHRINK WITH GUN ENDS=WITH ASIDE TOOLS CONDITIONS=AN AVERAGE OF 4.6 WIRES ARE TERMINATED PER SPLICE.APPLICABLE TO RAYCHEM 34138 SPLICE AND D=100=12 END CAP OR SIMILAR.
NAA	728	MAA	ACEAF31	SWHSI12	8980	SLEEVING(ZIPPERED VINYLITE),INSTALL STARTS=WITH REACH TO SLEEVING ON RACK INCLUDES=ALL THE MOTIONS NECESSARY TO OBTAIN MEASURE AND CUT SLEEVING,COIL AFTER CUTTING, UNCOIL TO INSTALL WIRES,POSITION SLEEVE OVER CABLE,OBTAIN AND ASIDE ZIPPER TOOL,POSITION TOOL AND ZIP ON VINYLITE TO ENGAGE,REMOVE TOOL AND CHECK SLEEVE,POSITION CABLE TOGETHER AND TIE,BRUSH PRIMER ON SLEEVE,MOVE ZIPPER TOOL TO ZIP,WRAP AND GUIDE VINYLITE AROUND CABLE ENDS=WITH ASIDE CABLE CONDITIONS=CUT AND INSTALL ONE FOOT=NO FIXTURE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
FFE	728	MAA	GWHHSXX	SWHSRXX	VARIABLE	SLEEVING,REPLACE STARTS-WITH REACH TO GET WIRE INCLUDES-ALL THE MOTIONS NECESSARY TO GET WIRE AND POSITION NEAR SLEEVING END,PUSH INTO THE SLEEVE,PUSH THROUGH AND PULL CLEAR,GET WIRE IN SLEEVING AND PULL CLEAR OF HARNESS SLEEVE, ASIDE WIRE ENDS-WITH WIRE IN SLEEVING OR ASIDE CONDITIONS-SLEEVE ONE FOOT-WIRE PULLED THROUGH SLEEVE 15 INCHES
					182	CASE 01 INSTALL
					121	02 REMOVE
NAA	728	MAA	ACEAF48	SWHTI01	632	TERMINAL(AVIONIC CABLE),INSTALL TO CABLE ENDS STARTS-WITH REACH TO GET TERMINAL/CABLE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION TERMINAL TO CABLE,POSITION TERMINAL TO CRIMPER,ACTUATE FOOT PEDAL TO CRIMP,REMOVE AND ASIDE CABLE ENDS-WITH CABLE ASIDE CONDITIONS-SEMI-AUTOMATIC MACHINE-INSTALL TO BOTH ENDS OF BONDING CABLE
NAA	728	MAA	ACEAFXX	SWHWCXX	VARIABLE	WIRE(AVIONIC CABLE),CODE STARTS-WITH REACH TO GET WIRE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION WIRE TO BLOCK,ACTUATE FOOT PEDAL TO STAMP,PULL WIRE,CHECK STAMP ON WIRE,POSITION WIRE OVER PULLY,ACTUATE FOOT PEDAL,MACHINE STAMP AND COIL WIRE SIMULTANEOUSLY,GET WIRE STRING,PLACE TO WIRE,GET END OF TIE WIRE AND TWIST,ASIDE COILED AND TIED WIRE ENDS-WITH ASIDE WIRE CONDITIONS-APPLIES TO KINGSLEY SEMI-AUTOMATIC AND AUTOMATIC MACHINE-ONE INCH TO 48 INCHES
					800	CASE 01 SEMI-AUTOMATIC
					680	02 AUTOMATIC AT 83 FEET PER MINUTE WITH KINGSLEY MODEL AUTOWIRE IV
					100	03 EACH 48 INCHES OVER FIRST 48 INCHES-SEMI-AUTOMATIC
					80	04 EACH 48 INCHES OVER FIRST 48-AUTOMATIC
NAA	728	MAA	SCEWI01	SWHWL01	390	WIRE,LOCATE AND SEPARATE FROM BUNDLE STARTS-WITH READ PRINT OR SCHEMATIC TO DETERMINE WIRE NUMBER INCLUDES-ALL MOTIONS NECESSARY TO LOCATE WIRE IN BUNDLE,PULL END OF WIRE ASIDE AND READ CODE ENDS-WITH RELEASE OF WIRE CONDITIONS-WIRES NOT CONNECTED AT EITHER END
NAA	728	MAA	ACEAFXX	SWHWMXX	VARIABLE	WIRE,MEASURE AND CUT STARTS-WITH CHECK LIST FOR WIRE SIZE AND LENGTH INCLUDES-ALL MOTIONS NECESSARY TO SELECT WIRE SIZE FROM RACK,MEASURE TO LENGTH,POSITION WIRE IN CUTTER,ACTUATE FOOT PEDAL TO CUT WIRE, POSITION WIRE IN COIL FORM,ASIDE WIRE ENDS-WITH ASIDE WIRE
					647	CASE 01 CUT TO 48 INCHES
					737	02 CUT OVER 48 INCHES

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	727	MAA	SLPCR35	SDACR01	5980	CARBON PILE,REPLACE STARTS-WITH REACH TO ADJUSTMENT COVER INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE ADJUSTMENT COVER,REPOSITION UNIT,GET TOOL AND REMOVE ADJUSTMENT SCREW,ASIDE TOOL AND SCREW, GET AND INSTALL ROD IN CARBON PILE,INVERT AND REMOVE PILE,ASIDE,ASIDE REGULATOR,PICK UP AND EXAMINE PILE,GET CONTAINER AND PLACE PILE IN CONTAINER,REMOVE ROD,PUT CAP ON CONTAINER AND ASIDE,REACH AND GET PACKAGED CARBON PILE,REMOVE CAP FROM CONTAINER,PLACE ROD IN CARBON PILE HOLE,REPOSITION CONTAINER,REMOVE PILE, ASIDE CONTAINER,GET REGULATOR AND FIT AND POSITION PILE IN REGULATOR,REMOVE ROD FROM PILE,INSTALL ADJUSTMENT SCREW AND COVER,ASIDE REGULATOR ENDS-WITH ASIDE REGULATOR
NF	739	TUA	PWJ-4	KCL8DXX	VARIABLE	BLIND(VENETIAN),DISASSEMBLE AND ASSEMBLE STARTS-WITH REMOVE BLIND FROM WINDOW INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE BLIND FROM WINDOW,DISMANTLE BLIND ON BENCH, CLEAN ALL PARTS AND FITTINGS IN CLEANING ROOM, OR HUNG WITHOUT DISMANTLING AND STEAM CLEANED, DRY BY PLACING PARTS OR HANGING ON DRYING RACK,REMOVE FROM RACK WHEN DRY,REASSEMBLE OR CLOSE UP,CORD IS WRAPPED AROUND BLIND,MOVED TO WINDOW AND REHUNG ENDS-WITH BLIND REHUNG CONDITIONS-TRAVEL TIME TO CLEANING ROOM IS NOT INCLUDED-DISMANTLED BLINDS ARE WASHED AND RINSED IN TANKS-ASSEMBLED BLINDS ARE SPRAY CLEANED WITH A STEAM JENNY IN A SPRAY BOOTH-APPLIES-METAL SLAT BLINDS-40 TO 60 SLATS,40 TO 60 INCHES LONG
					90390	CASE 01 BLINDS REMOVED AND REPLACED IN WINDOW WITH NO LADDER USED-FURNITURE NOT MOVED-DISASSEMBLED TO CLEAN
					18040	02 BLINDS REMOVED AND REPLACED IN WINDOW WITH NO LADDER USED-FURNITURE NOT MOVED-STEAM CLEANED WITHOUT DISASSEBLY
					98900	03 BLINDS REMOVED AND REPLACED IN WINDOW USING LADDER-FURNITURE MOVED-DISASSEMBLED TO CLEAN
					26550	04 BLINDS REMOVED AND REPLACED IN WINDOW USING LADDER-FURNITURE MOVED-STEAM CLEANED WITHOUT DISASSEMBLY
NF	739	MAF	66	MDACI01	592	CORD(VENETIAN BLIND,RAISING),INSTALL STARTS-WITH REACH TO CORD ON REEL INCLUDES-ALL THE MOTIONS NECESSARY TO GET END OF CORD FROM REEL,PULL ALONG TABLE TO HEAD OF BLIND,PULL CORD OFF REEL,MOVE CORD END TO HOLE IN HEADER,FEED CORD THROUGH HOLE,GET END WITH RIGHT HAND,POSITION BETWEEN HEAD AND LIFT,PULL OUT,GET AND MOVE CORD END TO TILT RAIL HOLE WITH LEFT HAND,GET END WITH RIGHT HAND AND POSITION BETWEEN RAIL AND SLAT,GET END AND PULL OUT ENDS-WITH CORD IN HAND CONDITIONS-DOES NOT INCLUDE CUTTING THE CORD-INCLUDES WALKING TO AND FROM END OF TABLE TO GET CORD ON REEL

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	739	MAF	61	MDACT01	102	CORD(BLIND,VENETIAN),THREAD THRU OPENING IN SLATS STARTS-WITH REACH TO CORD INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP CORD WITH LEFT HAND,GRASP TWO SLATS WITH RIGHT HAND,MOVE CORD END TO HOLE IN END OF SLATS, FEED CORD THRU HOLE,PULL CORD ENDS-WITH MOVE CORD END TO OTHER HAND CONDITIONS-TIME IS TO MOVE CORD PER TWO SLATS
NF	739	MAF	63	SDACI01	1574	CORD(PULL AND TILTING),INSTALL IN VENETIAN BLIND STARTS-WITH SIMO REACH TO TILTING CORD ENDS INCLUDES-ALL THE MOTIONS NECESSARY TO GET TILT CORD ENDS,EVEN CORDS,THREAD OVER TILT WHEEL INTO GUIDES AND SEAT,PULL CORDS DOWN TABLE AND RELEASE ON TABLE,GET PULL CORDS,FEED THROUGH PULL,MAKE KNOT,TIGHTEN,PULL ALONG TABLE,LOOSEN BOW KNOT,MOVE AROUND TABLE,GET BOTTOM RAIL,REMOVE FROM STOP TO TABLE,RELEASE ENDS-WITH RELEASE BOTTOM RAIL ON TABLE CONDITIONS-APPLIES TO WOOD OR METAL BLINDS-40 TO 60 INCHES LONG-INCLUDES WALKING AROUND AND ALONG WORK TABLE AS REQUIRED
NF	739	MAF	210	SDARA01	165	RAIL(VENETIAN BLIND,TILT),ATTACH TO HEAD RAIL STARTS-WITH REACH TO GET TILT RAIL INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP AND RAISE TILT RAIL,TOSS STRAPS OVER HEAD RAIL,POSITION TILT RAIL TO LEFT HEAD MECHANISM,TILT TO RIGHT CATCH,POSITION TILT RAIL IN CATCH AND RELEASE RAIL,GRASP RIGHT CATCH AND CLOSE,MOVE TILT RAIL TO LEFT HEAD MECHANISM, POSITION OVER RECESS,TURN ROLLER,RIGHT HAND TO CENTER CATCH AND CLOSE,RELEASE CATCH WITH RIGHT HAND ENDS-WITH RELEASE CATCH(CENTER),TILT RAIL END IN LEFT HAND
NF	739	MAF	211	SDARD01	227	RAIL(VENETIAN BLIND,TILTING),DETACH AND POSITION TO RECEIVE TAPES STARTS-WITH REACH TO RIGHT LATCH ON HEAD INCLUDES-ALL THE MOTIONS NECESSARY TO REACH TO AND UNLATCH RIGHT HEAD LATCH,REACH TO AND UNLATCH CENTER LATCH,REACH TO TILTING MECHANISM AND ROTATE TO REMOVAL POSITION(THREE TIMES-RIGHT,CENTER,LEFT LATCHES),DISENGAGE RAIL AND PLACE RAIL IN FRONT OF OPERATOR ENDS-WITH RELEASE RAIL
NF	739	MAF	253	SDASI01	199	SLATS(VENETIAN BLIND),INSERT IN LADDERS ON TAPE STARTS-WITH REACH TO GET SLAT INCLUDES-ALL THE MOTIONS NECESSARY TO GET A SLAT,SIDESTEP(ONE STEP)TO WORK POSITION,PLACE SLAT BETWEEN LADDERS,MOVE SLAT BETWEEN LADDERS OF NEXT TWO TAPS,MOVE TO FINAL POSITION ENDS-WITH RELEASE SLAT
NAA	739	MAA	SUPSF19	SDPCOXX	VARIABLE	CORD/BELT/STRAP,DIP IN WAX STARTS-WITH REACH TO ON/OFF SWITCH INCLUDES-ALL THE MOTIONS NECESSARY TO TURN SWITCH ON AND OFF,REMOVE WAX POT COVER,STEP TO GET AND ASIDE MATERIAL,DIP MATERIAL INTO WAX,REMOVE AND ASIDE,REPLACE COVER ON POT ENDS-WITH COVER ON WAX POT CONDITIONS-WALK TO AND FROM WAX POT NOT INLCUDED
					428	CASE 01 FIRST DIP-PER DIP
					154	02 EACH ADDITIONAL DIP-PER DIP

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	739	TUA	SUPSFXX	SFABIXX	VARIABLE	BUTTON(JIFFY),INSTALL TO BLANKET STARTS-WITH TURN TO GET BOX OF JIFFY BUTTONS INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP BOX OF BUTTONS,PLACE ON WORK BENCH,OBTAIN NEEDLE FOR BUTTON INSTALLATION,OBTAIN PATCHES AND GLUE,OPEN AND CLOSE GLUE CONTAINER,TURN TO GET ROLL OF PATCH MATERIAL,UNROLL,GET SCISSORS AND CUT MATERIAL,PLACE MATERIAL ON CUTTING BLOCK,PUNCH OUT 10 PATCHES,ASIDE SCRAP,RAISE BLANKET,POSITION AND PUSH NEEDLE 1/2 WAY THROUGH BLANKET,POSITION BUTTON STRAP PIN IN NEEDLE,PULL NEEDLE THROUGH BLANKET WITH STRAP AND DISENGAGE STRAP FROM NEEDLE,ASIDE NEEDLE, GET PATCH,APPLY ADHESIVE TO BUTTON PIN AREA OF BLANKET AND TO PATCH,POSITION AND SECURE PATCH TO BLANKET ENDS-WITH APPLY PRESSURE TO PATCH CONDITIONS-ADHESIVE,SILICONE,RTV-106(8040-902-3871) WALKING TO GET MATERIALS NOT INCLUDED
					2064	CASE 01 FIRST OR SINGLE PATCH
					1200	02 ADDITIONAL PATCH
NAA	739	MAA	SUPSFAE	SFAFI01	810	FASTENER(BUTTON AND SOCKET OR STUD AND EYELET),INSTALL STARTS-WITH REACH TO GET FASTENER INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION FASTENER TO LOWER DIE,POSITION BLANKET TO FASTENER,POSITION SOCKET OR STUD TO BUTTON OR EYELET,SET FASTENER TO BLANKET,ASIDE BLANKET AND CHECK INSTALLATION ENDS-WITH CHECK INSTALLATION(VISUAL) CONDITIONS-APPLICABLE TO AN227 OR MS27980 FASTENERS AND SIMILAR-INSTALLED WITH HAMMER AND DIE SET-DOES NOT INCLUDE PUNCH HOLE-SEE OCCUPATION CODE 781 FOR HOLE PUNCHING
NAA	739	MAA	SUPSFXX	SFAFPXX	VARIABLE	FILLER(SOUND PROOFING BLANKET),PLACE IN WRAP STARTS-WITH REACH TO GET WRAP(MYLAR) INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND MOVE MYLAR SHEET TO WORK AREA,APPLY SPRAY ADHESIVE TO ONE SIDE OF FILLER AND MYLAR WRAP, GET FILLER,TURN OVER AND PLACE ON WRAP,PRESS TO SEAT,APPLY SPRAY ADHESIVE TO UP SIDE OF FILLER AND TO WRAP(SIX PLACES),PLACE MYLAR WRAP ON FILLER,PRESS MYLAR TO SEAT ENDS-WITH PRESS MYLAR TO SEAT CONDITIONS-INSULATION FILLER,FIBERGLASS,MIL-B-5924 TYPE 1 OR AA-SPRAY ADHESIVE,3M 8040-902-0275-PLACE THREE SQUARE FEET(BOTH SIDES)
					2270	CASE 01 FIRST OR ONLY THREE SQUARE FEET
					1950	02 EACH ADDITIONAL THREE SQUARE FEET
					1040	03 ADD ADDITIONAL LAYER TO ORIGINAL FILLER-FIRST OR ONLY-THREE SQUARE FEET
					960	04 ADD ADDITIONAL LAYER TO ADDITIONAL ORIGINAL FILLER-ADDITIONAL THREE SQUARE FEET
NAA	739	MAA	SUPSFAD	SFAGI01	981	GROMMET,INSTALL IN SOUND PROOFING BLANKET STARTS-WITH REACH TO GET GROMMET INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION GROMMET TO LOWER DIE SET,POSITION BLANKET OVER GROMMET AND WASHER OVER BLANKET, POSITION TOP CAP DIE OVER WASHER,GET HAMMER AND SET GROMMET,REMOVE TOP DIE CAP AND BLANKET FROM LOWER DIE SET,CHECK GROMMET INSTALLATION ENDS-WITH CHECK INSTALLATION(VISUAL) CONDITIONS-APPLICABLE TO AN230 OR MS20230 GROMMET OR SIMILAR-SET WITH FOUR HAMMER BLOWS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	739	MAF	64	SGMCM01	1951	CORD(VENETIAN BLIND,PULL AND TILTING),MEASURE AND CUT STARTS-WITH REACH TO CORD ON REEL INCLUDES-ALL THE MOTIONS NECESSARY TO GET CORD AND MOVE ALONG TABLE TO HEADBOARD,GET SCISSORS AT END OF TABLE,CUT CORD,LAY ASIDE RAISING CORD,GET CORD END,MEASURE ALONG TABLE,MOVE BACK AND GET SCISSORS,CUT CORD,ASIDE SCISSORS AND TILT CORD,GET RAISING CORD END,PUT THROUGH OUTER HOLE HEADER,PULL THROUGH AND PUT END BACK THROUGH HOLE,MOVE CORD LOOP ALONG TABLE TO HEADBOARD,PUT CORD END THROUGH HEAD-BOARD,PUT CORD END THROUGH HEADBOARD HOLE, PULL THROUGH AND TIGHTEN,PUT THROUGH SECOND HEADBOARD HOLE AND PULL,MOVE CORD END TO LIFT RAIL HOLE AND PULL THROUGH,PUT TILT CORD THROUGH TILT RAIL HOLE,PULL,RELEASE ENDS-WITH CORD RELEASED
NF	739	MAF	254	MITSG01	52	SPACING(VENETIAN BLIND ASSEMBLY),GAUGE STARTS-WITH TILT RAIL IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO RELEASE RAIL,REACH TO LADDER SPACE,INSERT FINGERS INTO SPACE,OPEN LADDER,MOVE TO EXAMINE FIT,TEST BY SMALL EXTENSION OF FINGERS,RELEASE RIGHT HAND ENDS-WITH RELEASE RIGHT HAND,TURN 120 DEGREES WITH LEFT HAND
NAA	739	MAA	SUPSF02	SJPBP01	1444	BLANKET(SOUND PROOFING),PREPARE TO SEW STARTS-WITH REACH TO BENCH DRAWER INCLUDES-ALL THE MOTIONS NECESSARY TO REACH TO AND OPEN DRAWER,GET SCISSORS AND POSITION IN SCABBARD,CLOSE DRAWER,OBTAIN AND PUT ON SAFETY GLASSES AND APRON,REMOVE GLASSES AND APRON, OPEN DRAWER,ASIDE SCISSORS TO DRAWER,CLOSE DRAWER ENDS-WITH PROTECTIVE DEVICES AND SCISSORS ASIDE
NAA	739	MAA	SUPSFAB	SJPFP01	1043	FASTENER(SNAP OR GROMMET),PREPARE TO INSTALL STARTS-WITH LOOK TO LOCATE FASTENER INCLUDES-ALL THE MOTIONS NECESSARY TO LOCATE FASTENERS,REACH TO GET SUPPLY OF FASTENERS, GET ATTACHING DIES,GET HAMMER,ASIDE HAMMER, EXCESS FASTENERS AFTER INSTALLATIONS ENDS-WITH ASIDE HAMMER AND EXCESS FASTENERS CONDITIONS-APPLICABLE TO AN227 OR MS27980 FASTENERS OR AN230 GROMMETS AND SIMILAR-WALK TO GET FASTENERS FROM STORAGE NOT INCLUDED
NF	739	MAF	12	SNF8S01	998	BLIND(VENETIAN),SECURE FOR TRANSPORTING STARTS-WITH REACH TO CORD INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP CORD WITH RIGHT HAND AND HEADBOARD WITH LEFT HAND,HOLD HEADBOARD,PULL CORD TO DRAW BLIND, WRAP CORD,RUN THRU HOLE,RUN CORD THRU LOOP, TIGHTEN,WRAP AROUND BLIND ENDS-WITH RELEASE OF CORD AND BLIND CONDITIONS-INCLUDES WALKING AROUND AND ALONG WORK TABLE AS REQUIRED
NF	739	MAF	414	MOH8H01	280	BLIND(VENETIAN),HANG IN SPRAY BOOTH OR ON DRYING RACK WITH SIX-INCH DIAMETER LOOPS STARTS-WITH BLIND IN HAND INCLUDES-ALL MOTIONS NECESSARY TO WALK FIVE PACES TO BOOTH OR RACK,PLACE LOOP OVER ONE END OF BLIND,REVERSE HOLD ON BLIND,PLACE LOOP OVER OTHER END,GET CORD,AND RELEASE AND LOWER BLIND ENDS-WITH RELEASE OF CORD

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	739	MAF	418	MOH8R01	107	BLIND(VENETIAN),REMOVE FROM SPRAY BOOTH STARTS-WITH SIMO REACH TO BLIND AND LOOP INCLUDES-ALL MOTIONS NECESSARY TO REMOVE LOOP FROM ONE END OF BLIND,REVERSE HOLD ON BLIND, AND REMOVE LOOP FROM OTHER END ENDS-WITH BLIND IN HAND
NF	739	MAF	3274	MOHRP01	50	RAIL(VENETIAN BLIND-BOTTOM),PLACE ON FOLDED TAPES(ON HEAD RAIL) STARTS-WITH REACH TO BOTTOM RAIL INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP RAIL,MOVE TO TOP OF TAPES,POSITION RAIL ON TAPES,RELEASE RAIL ENDS-WITH RELEASE RAIL
NF	739	MAF	419	MOHSM01	116	SLATS(VENETIAN BLIND),MOVE FROM DRYING RACK TO RINSE TANK STARTS-WITH REACH TO SLATS INCLUDES-ALL MOTIONS NECESSARY TO GET TWO SLATS,MOVE APPROXIMATELY 30 INCHES,AND POSITION ON OTHER SLATS ENDS-WITH RELEASE OF SLATS
NF	739	MAF	3277	MOHTP01	236	TAPE(VENETIAN BLIND),POSITION ON HEAD RAIL STARTS-WITH REACH TO BUNDLE OF TAPES INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP BUNDLE,MOVE TO WORK AREA,GET ONE TAPE IN LEFT HAND,SHAKEOUT,MOVE TAPE TO LEFT OF HEAD RAIL AND RELEASE,GET NEXT TAPE,SHAKEOUT,MOVE TO CENTER OF HEAD RAIL,RELEASE,GET LAST TAPE, PLACE ON HEAD RAIL AND RELEASE ENDS-WITH RELEASE LAST TAPE ON HEAD RAIL CONDITIONS-THREE TAPES PLACED ON HEAD RAIL
NF	739	MAF	3278	MOHTP02	137	TAPE(VENETIAN BLIND),POSITION ON TILT RAIL STARTS-WITH REACH TO TAPE ON HEAD RAIL INCLUDES-ALL THE MOTIONS NECESSARY TO GET TAPE ON HEAD RAIL WITH RIGHT HAND AND MOVE TAPE TO WORK AREA,OPEN TAPE FLAPS WITH LEFT HAND, MOVE TAPE TO TILT RAIL AND POSITION,HOLD TAPE AND RAIL,FOLD TAPE FLAPS AND HOLD WITH LEFT HAND ENDS-WITH TAPE AND RAIL HELD WITH RIGHT HAND, TAPE FLAPS HELD TOGETHER WITH LEFT HAND
NF	739	MAF	412	SOH8C01	1016	BLIND(VENETIAN),CLOSE UP STARTS-WITH SIMO REACH TO HEADBOARD AND PULL CORD INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP AND HOLD HEADBOARD IN LEFT HAND,GRASP AND PULL CORD WITH RIGHT HAND,REGRASP BLIND WITH LEFT HAND AND WRAP CORD AROUND END OF BLIND,RELEASE LEFT HAND PUT FINGER UNDER WRAPPED CORD,FORCE END OF CORD THROUGH HOLE,FORCE CORD UNDER WRAPPED CORD TO HOLD,MOVE CORD END THROUGH LOOP AND PULL TIGHT,TURN BLIND AROUND,RELEASE CLOSED BLIND ENDS-WITH RELEASE BLIND CONDITIONS-INCLUDES WALK AROUND TABLE AS REQUIRED
NF	739	MAF	4062	SOHP001	988	PARTS(VENETIAN BLINDS),OBTAIN,MOVE TO TABLE STARTS-WITH REACH TO TAPED BLIND INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP AND PLACE TAPED BLIND ON ASSEMBLY TABLE,REACH AND GET BOTTOM RAIL,MOVE TO POSITIONING STOP ON TABLE,PICK UP HEADBOARD,MOVE ALONG TABLE, PULL CORD TIGHT,MOVE TIE CORD TO HEAD BOARD, TIE AND PULL TIGHT ENDS-WITH RELEASE AFTER TYING CONDITIONS-INCLUDES WALK TO GET PART AND RE-TURN AND WALKING AROUND AND ALONG TABLE AS REQUIRED

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	739	MAA	SUPSFXX	SPTMSXX	VARIABLE	MATERIAL(SOUND PROOFING BLANKET),SEW STARTS-WITH KNEE MOVE TO LIFT PRESSURE FOOT INCLUDES-ALL THE MOTIONS NECESSARY TO LIFT PRESSURE FOOT,POSITION MATERIAL UNDER THROAT PLATE,TURN HAND WHEEL TO LOWER NEEDLE,ALIGN SEAMS ON MATERIAL,ENGAGE NEEDLE IN MATERIAL, SEW SIX LINEAR INCHES,SLOW MACHINE,STOP,TURN HAND WHEEL TO RAISE NEEDLE,LIFT PRESSURE FOOT, MOVE MATERIAL FROM THROAT PLATE,GET SCISSORS AND CUT NEEDLE AND BOBBIN THREAD,TRIM NEEDLE AND BOBBIN THREAD AT START OF SEW,ASIDE SCISSORS AND MATERIAL ENDS-WITH ASIDE SCISSORS
					1500	CASE 01 SEW FIRST SIX INCHES
					640	02 SEW ADDITIONAL SIX INCHES-CHANGE DIRECTION
					463	03 SEW ADDITIONAL SIX INCHES-NO DIRECTION CHANGE
NF	739	MAF	266	MTLTC01	277	TAPE(VENETIAN BLIND-FIRST SLAT),CUT STARTS-WITH REACH TO GET TAPE INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP TAPE,MOVE IT TO LEFT HAND,SMOOTH WITH RIGHT HAND,GET SCISSORS AND CUT TAPE,ASIDE SCISSORS, SEPARATE TAPE HALVES,GET SCISSORS AND CUT LADDER,MOVE SCISSORS TO OTHER HALF AND CUT SECOND LADDER,ASIDE SCISSORS ENDS-WITH ASIDE SCISSORS TO TABLE
NAA	739	MAA	SUPSF21	STPSCXX	VARIABLE	STRAP(NYLON),CUT TO LENGTH STARTS-WITH REACH TO STRAP AT END OF ROLL INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE STRAP FROM END OF ROLL,LAY OUT LENGTH OF STRAP AND MEASURE,MARK LENGTH AND PLACE STRAP IN HOT WIRE CUTTER,CUT STRAP,EXAMINE STRAP ENDS ENDS-WITH EXAMINE STRAP ENDS,ASIDE STRAP(S)
					860	CASE 01 CUT FIRST OR SINGLE LENGTH
					740	02 CUT EACH ADDITIONAL LENGTH
NF	74X	MAF	1815	MJPSP01	203	STENCIL,PLACE ON WALL STARTS-WITH STOOP TO GET STENCIL INCLUDES-ALL THE MOTIONS NECESSARY TO STOOP DOWN,GET STENCIL,STAND UP,POSITION STENCIL TO WALL,ALIGN TO MARK OR VISUALLY,APPLY PRESSURE WITH LEFT HAND TO HOLD STENCIL TO WALL,RELEASE WITH RIGHT HAND ENDS-WITH STENCIL HELD TO WALL
NF	74X	MAF	3017	MOHLP01	151	LETTERS(SET-METAL STENCIL),PUT IN CASE STARTS-WITH REACH TO SET OF LETTERS INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP SET,JOSTLE TO ALIGN,MOVE SET TO CASE AND DROP IN,RELEASE SET ENDS-WITH RELEASE SET OF LETTERS IN CASE CONDITIONS-SET OF TWO,THREE OR FOUR INCH LETTERS
NO	740	MAO	LAIT-6	MCLPW01	265	PAINT(EXCESS),WIPE OFF AFTER STAMPING AND PAINT APPLIED STARTS-WITH PART IN LEFT HAND INCLUDES-ALL THE MOTIONS NECESSARY TO GET TOWEL,WIPE OVER IMPRESSIONS,RELEASE PART,GET CAN OF THINNER,POUR THINNER ON TOWEL,ASIDE CAN AND GRASP PART,WIPE PART,RELEASE PART AND ASIDE TOWEL ENDS-WITH ASIDE TOWEL

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	740	MAF	1736	MPALPXX	VARIABLE	LETTER(STENCIL),PAINT WITH BRUSH STARTS-WITH BRUSH IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO DIP BRUSH INTO PAINT,WIPE OFF EXCESS PAINT ON LIP OF CAN,MOVE BRUSH TO LETTER,PAINT LETTER,LIFT BRUSH TWO INCHES AFTER PAINTING ENDS-WITH BRUSH READY FOR NEXT OPERATION
					146	CASE 01 PAINT 1/2,3/4 AND 1 3/4 INCH LETTER, PAPER STENCIL
					317	02 PAINT TWO,THREE AND FOUR INCH LETTER, METAL STENCIL
					609	03 PAINT 8-1/2 LETTER,CARDBOARD STENCIL
ND	740	MAD	LA1S-6	MPAPA01	356	PAINT,APPLY TO FILL METAL STAMPING STARTS-WITH REACH TO GET BRUSH INCLUDES-ALL THE MOTIONS NECESSARY TO GET BRUSH,DIP IN PAINT,WIPE OFF EXCESS,APPLY PAINT TO FILL IMPRESSIONS,ASIDE BRUSH ENDS-WITH ASIDE BRUSH CONDITIONS-IMPRESSIONS IN ONE BY THREE INCH AREA
NAA	75X	MAA	SPSSM01	STPHCXX	VARIABLE	HOLES,CUT IN RUBBER SEAL WITH DRILL STARTS-WITH REACH TO SEAL INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE FINGERS ALONG EDGE OF SEAL TO LOCATE HOLES, APPLY PRESSURE TO IMPRINT HOLE LOCATION,GET AIR DRILL AND POSITION,START MOTOR,CUT HOLE IN SEAL,REMOVE TOOL FROM HOLE,REMOVE RUBBER DEBRIS,ASIDE TOOL ENDS-WITH ASIDE TOOL CONDITIONS-SEALS TO 1/16 INCH THICK
					339	CASE 01 FIRST OR SINGLE HOLE
					288	02 EACH ADDITIONAL HOLE
NAA	754	MAA	SFGRE1B	SCLCC01	1026	CUP(RESIN MIXING),CLEAN STARTS-WITH REACH TO ACETONE CAN LID INCLUDES-ALL THE TIME NECESSARY TO REMOVE LID FROM ACETONE CAN,GET BRUSH OUT OF CUP,IMMERSE CUP IN ACETONE,BRUSH CUP(INTERIOR)TO CLEAN, CHECK CUP,CLOSE ACETONE CAN,REMOVE BRUSH FROM CUP,DUMP CUP,WIPE CUP WITH BRUSH,WIPE BRUSH ON SIDE OF CONTAINER,ASIDE CUP,GET CLOTH,DIP IN ACETONE,WIPE BRUSH WITH CLOTH,ASIDE BRUSH, WIPE HANDS,ASIDE CLOTH ENDS-WITH ASIDE CLOTH

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	754	MAA	SFGMBV1	SFAMB01	30200	MATERIAL,BOND WITH VACUUM PRESSURE AND HEAT LAMPS STARTS-WITH REACH TO GET VACUUM PUMP INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP PUMP AND ASIDE AT WORK BENCH,GET VACUUM GAUGE, VACUUM LINE AND HEAT LAMPS AND ASIDE AT WORK BENCH,GET CHEESECLOTH AND SCISSORS,CUT CLOTH AND ASIDE SCISSORS,GET MYLAR FILM AND SCISSORS AND CUT MYLAR,ASIDE SCISSORS,MYLAR AND CHEESE-CLOTH,GET AND ASIDE CAN OF CHROMATE CLAY,UN-COIL AND COIL PUMP AND GAUGE HOSE,PLUG AND UN-PLUG PUMP AND GAUGE HOSES,PLUG AND UNPLUG PYROMETER AND LAMPS,OPEN AND CLOSE CLAY CAN, BENCH,GET CHEESECLOTH AND SCISSORS,CUT CLOTH GET MYLAR,CHEESECLOTH AND SCISSORS,TRIM MYLAR AND CHEESECLOTH,ASIDE,REMOVE CLAY FROM CAN AND ROLL ON TABLE TOP,POSITION CLAY ROLL,POSITION CHEESECLOTH TO TABLE,GET ROLLING TOOL AND POSITION TO EDGE OF CLOTH AND CLAY,ROLL EDGES TO SEAL,ASIDE ROLLING TOOL AND POSITION VACUUM TO SHEATH(CHEESECLOTH)POSITION THERMOCOUPLE TO CHEESECLOTH SHEATH,GET AND POSITION MYLAR TO SHEATH,ROLL EDGES TO SEAL TO CLAY AND CLOTH,ASIDE ROLLING TOOL,INSPECT EDGES AND POSITION HEAT LAMPS,START AND STOP ALL EQUIP-MENT,TURN HEAT LAMPS ON AND OFF,SMOOTH MYLAR FILM ON PART BEING BONDED,CHECK FOR AIR POCKETS,REMOVE FILM FROM PART,REMOVE AND ASIDE CHEESECLOTH,REMOVE CLAY AND ASIDE TO CAN,CLEAN EXCESS CLAY FROM BENCH TOP,REMOVE AND ASIDE THERMOCOUPLES,VACUUM TUBE ENDS-WITH ASIDE THERMOCOUPLE AND VACUUM TUBE CONDITION-DOES NOT INCLUDE WALKING TO GET AND RETURN EQUIPMENT AND SUPPLIES-CHEESECLOTH TO 48 INCHES,MYLAR FILM TO 60 INCHES-TRIM TO APPROXIMATE 4X5 FEET-SEAL EDGES 18 LINEAR FEET-DOES NOT INCLUDE POSITIONING OF PART TO CHEESECLOTH AND CHROMATE CLAY-DOES NOT INCLUDE CURING,VACUUM PUMP DOWN TIME
NAA	754	MAA	AFGDI01	MITFE01	2760	FIBERGLASS(HONEYCOMB-DAMAGED),EXAMINE,SOUND AND MARK STARTS-WITH MOVE AND TAP INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE AND TAP AREA(ALTERNATE FOUR SQUARE INCH AREA), RETAP DULL SOUND AREA,EXAMINE VISUALLY,MARK DAMAGED AREA ENDS-WITH AREA MARKED CONDITIONS-APPLIES TO HONEYCOMB CONSTRUCTION FIBERGLASS PART-SOUND AND MARK ONE SQUARE YARD
NAA	754	EUA	SFGRE1X	SJPBFXX	VARIABLE	BOTTLE(SQUEEZE),FILL STARTS-WITH REACH TO GET SQUEEZE BOTTLE INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP SQUEEZE BOTTLE IN STORAGE,ASIDE AT WORK AREA, GET CONTAINER OF COMPOUND,OPEN CONTAINER,OPEN SQUEEZE BOTTLE,POUR COMPOUND INTO SQUEEZE BOTTLE,CLOSE CONTAINER AND SQUEEZE BOTTLE, RETURN COMPOUND TO CABINET,ASIDE SQUEEZE BOTTLE IN WORK AREA ENDS-WITH ASIDE SQUEEZE BOTTLE CONDITIONS-DOES NOT INCLUDE WALKING TO OR FROM STORAGE AREA
					4160	CASE 01 FILL BOTTLE WITH RESIN(SELECTRON, P55003)
					2060	02 FILL BOTTLE WITH [illegible]

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	754	MAA	AFGGD00	SJPGP01	760	GUN(SPRAY),PREPARE AND FILL STARTS-WITH REACH TO AIR HOSE CONNECTOR INCLUDES-ALL THE MOTIONS NECESSARY TO CONNECT NOZZLE TO SPRAY GUN,FILL GUN WITH RESIN AND THINNER,DISCONNECT AIR HOSE ENDS-WITH DISCONNECT AIR HOSE CONDITIONS-DOES NOT INCLUDE SPRAYING MIXTURE TO GLAZE
NAA	754	MAA	SPSPM01	SJPGSXX	VARIABLE	GUIDE(DRILL),SET UP AND ASIDE STARTS-WITH REACH TO GET GUIDE INCLUDES-ALL THE MOTIONS NECESSARY TO GET GUIDE LYING JUMBLED IN A GROUP ON BENCH TOP, POSITION GUIDE TO HOLE,REMOVE GUIDE AND ASIDE TO SET CONTAINER ENDS-WITH ASIDE GUIDE
					280	CASE 01 FIRST OR SINGLE HOLE
					111	02 EACH ADDITIONAL HOLE
NAA	754	MAA	AFGLJHI	SJPHL01	8186	HONEYCOMB,LAYOUT AND PREPARE TO REPAIR STARTS-WITH REACH TO GET TOOL(S) INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND ASIDE CHISEL(OR EQUIVALENT),DRILL MOTOR, MALLET,SCRIBE AND ROTARY FILE,ATTACH AND DETACH DRILL MOTOR,CHUCK AND UNCHUCK ROTARY FILE,GET HONEYCOMB,SET UP BANDSAW,CUT HONEYCOMB TO WIDTH AND THICKNESS,GET SCISSORS OR KNIFE AND CUT HONEYCOMB TO SIZE OF DAMAGED AREA,GET AND BLOW OFF DUST WITH AIR NOZZLE OR VACUUM ENDS-WITH ASIDE AIR NOZZLE OR VACUUM
NAA	754	MAA	SFGRH02	SJPHS01	465	HEAT LAMP(FIBERGLASS REPAIR),SET UP TO HEAT CURE STARTS-WITH REACH TO REPAIRED ASSEMBLY INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP REPAIRED ASSEMBLY AND PLACE ON CURING BENCH, GET HEAT LAMPS AND POSITION FOR USE,CONNECT AND DISCONNECT LAMP,ASIDE LAMP,RETURN ASSEMBLY TO WORKBENCH ENDS-WITH ASSEMBLY ON WORKBENCH CONDITIONS-DOES NOT INCLUDE CURE TIME;DOES NOT INCLUDE WALK FROM BENCH TO CURE TABLE AND RETURN
NAA	754	MAA	AFGLJC1	SJPLLXX	VARIABLE	LAMINATE(CLOTH),LAYOUT AND PREPARE TO REPAIR STARTS-WITH REPOSITION OBJECT(PART) INCLUDES-ALL THE MOTIONS NECESSARY TO REPOSITION PART TO EXAMINE OPPOSITE SIDE,GET AND SET UP TOOLS,GET PENCIL,GET STRAIGHT EDGE AND MASKING TAPE,CHANGE DRILL MOTOR TOOLS, LAYOUT DAMAGED AREA UP TO TWO SQUARE INCHES, (INCLUDES OVERLAPS FOR UP TO THREE LAYERS OF CLOTH),INSTALL MASKING TAPE(FOUR PIECES),REMOVE TARE,GET,PUT ON AND ASIDE SAFETY GOGGLES AND MASK,GET AND ASIDE SANDERS(ATTACH AND DETACH),GET AND ASIDE AIR NOZZLE OR VACUUM,CLEAN DUST OFF REPAIR AND CLOTHING,GET TOOLS AND CLOTH,CUT CLOTH TO SIZE,ASIDE SCISSORS,CLOTH AND SCRAP,GET,MIX AND ASIDE RESIN,SET UP AND FINAL REMOVE AIR. ENDS-WITH ALL TOOLS ASIDE CONDITIONS-DOES NOT INCLUDE WALKING TO GET ROSIN MIXTURE
					16920	CASE 01 HONEYCOMB CONSTRUCTED FIBERGLASS PART
					10900	02 PLAIN LAMINATE CONSTRUCTED PART

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
MAA	754	MAA	AFGSJOA	SJPRM01	1211	RESIN,MIX STARTS-WITH REACH TO CUP OR STIRRING TOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET MIXING CUP AND STIRRING TOOL,GET AND ASIDE BRUSH,PLACE CUP TO TAP,ACTUATE TAP,POUR RESIN AND CATALYST(4 OUNCES),STIR MIXTURE,ASIDE MIXTURE ENDS-WITH ASIDE MIXTURE
MAA	754	EUA	SFGRE02	SJPRT01	199	RESIN,THIN WITH ACETONE FOR GLAZE MIXTURE STARTS-WITH REACH TO CUP INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP CUP,DIP IN ACETONE AND REMOVE,POUR ACETONE INTO RESIN,ASIDE CUP ENDS-WITH ASIDE CUP
MAA	754	MAA	SPSODXX	SLUULXX	VARIABLE	DRILL,LUBRICATE TO DRILL PLASTIC STARTS-WITH REACH TO DRAWER INCLUDES-ALL MOTIONS NECESSARY TO OPEN AND CLOSE DRAWER,REMOVE LUBE TUBE FROM DRAWER, REMOVE CAP,ASIDE CAP AND PLACE TUBE TO DRILL BIT,START DRILL MOTOR,APPLY LUBE TO BIT,MOVE DRILL TO HOLE,START AND STOP DRILL MOTOR(TWO TIMES),REPLACE CAP ON TUBE,RETURN TUBE TO DRAWER ENDS-WITH TUBE RETURNED TO DRAWER,DRAWER CLOSED CONDITIONS-USE RELIANCE TALLOWAID TYPE LUBRICANT
					643	CASE 01 FIRST OR SINGLE LUBE APPLICATION
					103	02 EACH ADDITIONAL LUBE APPLICATION
MAA	754	MAA	SFGGNXX	SPAGAXX	VARIABLE	GLAZE,APPLY TO SURFACE WITH BRUSH STARTS-WITH REACH TO BRUSH INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP BRUSH,DIP IN GLAZE,WIPE BRUSH ON SIDE OF CONTAINER,BRUSH GLAZE ONTO SURFACE,ASIDE BRUSH ENDS-WITH ASIDE BRUSH
					206	CASE 01 APPLY TO AREA UP TO EIGHT SQUARE INCHES
					358	02 APPLY TO AREA-NINE TO 26 SQUARE INCHES
					470	03 APPLY TO AREA 27 TO 50 SQUARE INCHES
					614	04 APPLY TO AREA-51 TO 82 SQUARE INCHES
MAA	754	MAA	SFGRNXX	SPARAXX	VARIABLE	RESIN,APPLY TO DAMAGED AREA STARTS-WITH REACH TO GET RESIN INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND PLACE RESIN AT WORK AREA,GET BRUSH,DIP INTO RESIN,WIPE OFF EXCESS,MOVE BRUSH TO REPAIR SURFACE AND APPLY(DIP AND APPLY TWO TIMES), ASIDE BRUSH AND RESIN ENDS-WITH ASIDE RESIN TO BENCH
					462	CASE 01 APPLY TO SURFACE-UP TO EIGHT SQUARE INCHES
					649	02 APPLY TO SURFACE-NINE TO 26 SQUARE INCHES
					743	03 APPLY TO SURFACE-27 TO 50 SQUARE INCHES
					1155	04 APPLY TO SURFACE-51 TO 82 SQUARE INCHES

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	754	MAA	AFGCRXX	SSRCRXX	VARIABLE	CLOTH(INNER LAYER),REPLACE STARTS-WITH REACH TO CLOTH TO REMOVE INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE OLD CLOTH BY SANDING,APPLY RESIN TO NEW CLOTH, APPLY AND SMOOTH CLOTH,EXAMINE REPAIR AREA, SAND AREA(FINAL) ENDS-WITH SANDING IMPLEMENT ASIDE CONDITIONS-APPLIES TO HONEYCOMB CONSTRUCTED FIBERGLASS PARTS
					5200	CASE 01 REPLACE FOUR SQUARE INCHES
					8350	02 REPLACE 16 SQUARE INCHES
					14260	03 REPLACE 36 SQUARE INCHES
					21870	04 REPLACE 64 SQUARE INCHES
					29920	05 REPLACE 100 SQUARE INCHES
NAA	754	MUA	AFGCRXX	SSRFRXX	VARIABLE	FIBERGLASS,REPAIR STARTS-WITH OBJECT IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE OBJECT INTO POSITION TO MAKE VISUAL EXAMINATION,EXAMINE,GET PENCIL AND MARK DAMAGED AREAS WHEN REQUIRED,REMOVE OUTER CLOTH,SAND AREA TO BE REPAIRED,INSTALL LAYER OF CLOTH,REMOVE TRAPPED AIR,MAKE FINAL EXAMINATION,SAND REPAIR AND APPLY GLAZE,ASIDE BRUSH ENDS-WITH GLAZE BRUSH ASIDE CONDITIONS-APPLIES TO HONEYCOMB CONSTRUCTED PARTS/OBJECT
					5910	CASE 01 REPAIR FOUR SQUARE INCHES
					9770	02 REPAIR 16 SQUARE INCHES
					16340	03 REPAIR 36 SQUARE INCHES
					24950	04 REPAIR 64 SQUARE INCHES
					34090	05 REPAIR 100 SQUARE INCHES
NAA	754	MAA	AFGHZ08	SSRHP01	2260	HONEYCOMB(FIBERGLASS),PREFORM STARTS-WITH REACH TO MOLD LID INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE MOLD LID,POSITION HONEYCOMB IN MOLD,COMPRESS HONEYCOMB,REPLACE AND SECURE LID,PLACE MOLD IN OVEN,REMOVE FROM OVEN,REMOVE MOLD LID, EXAMINE HONEYCOMB,REMOVE AND ASIDE HONEYCOMB, REPLACE LID ON MOLD ENDS-WITH LID ON MOLD CONDITIONS-DOES NOT INCLUDE OVEN OR COOLING TIME
NAA	754	MAA	AFGHRXX	SSRHRXX	VARIABLE	HONEYCOMB(FIBERGLASS),REPLACE STARTS-WITH REACH TO DAMAGED CELLS INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE DAMAGED CELLS,SAND SURFACE AFTER REMOVAL OF CELLS,INSTALL BASE CLOTH LAYER,INSTALL HONEYCOMB CORE,REMOVE HONEYCOMB HOLD-DOWN TAPE, SAND INSTALLATION ENDS-WITH FINAL SANDING COMPLETE
					2550	CASE 01 PER SQUARE INCH UP TO 36 SQUARE INCHES OF HONEYCOMB REPLACEMENT
					1580	02 PER SQUARE INCH IN EXCESS OF 36 SQUARE INCHES REPLACEMENT

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NAA	754	MAA	AFGCRXX	SSRORXX	VARIABLE	OBJECT(LAMINATED),REPAIR STARTS-WITH VISUAL EXAMINATION OF OBJECT INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND EXAMINE THE OBJECT,REMARK DAMAGED AREA WHEN REQUIRED,REMOVE CLOTH BY SANDING,CUT NEW CLOTH TO SIZE,INSTALL CLOTH LAYER AND SMOOTH,SAND REPAIRED AREA,APPLY GLAZE TO AREA,INSPECT COMPLETED WORK ENDS-WITH FINAL INSPECTION CONDITIONS-APPLIES TO PLAIN LAMINATE CONSTRUCTED PARTS
					7860	CASE 01 REPAIR 16 SQUARE INCHES
					13470	02 REPAIR 36 SQUARE INCHES
					20590	03 REPAIR 64 SQUARE INCHES
					27940	04 REPAIR 100 SQUARE INCHES
					2790	05 REPLACE ADDITIONAL LAYER-TO FOUR SQUARE INCHES
					4310	06 REPLACE ADDITIONAL LAYER-TO 16 SQUARE INCHES
					7390	07 REPLACE ADDITIONAL LAYER-TO 36 SQUARE INCHES
					11400	08 REPLACE ADDITIONAL LAYER-TO 64 SQUARE INCHES
					15200	09 REPLACE ADDITIONAL LAYER-TO 100 SQUARE INCHES
NAA	754	MUA	AFGCR41	SSRORIO	5200	OBJECT(LAMINATED),REPAIR(FILL VOID) STARTS-WITH VISUAL EXAMINATION OF DAMAGED AREA INCLUDES-ALL THE MOTIONS NECESSARY TO EXAMINE AREA,REMARK IF NECESSARY,REMOVE CLOTH BY SANDING,CUT NEW CLOTH TO SIZE,SAND VOID,GET BRUSH AND FILLER,FORCE FILLER INTO VOID,ASIDE BRUSH AND FILLER,INSTALL CLOTH LAYER,SMOOTH AND SAND,APPLY GLAZE AND INSPECT COMPLETED REPAIR ENDS-WITH FINAL INSPECTION CONDITIONS-REPAIR FOUR SQUARE INCH AREA
NAA	754	MAA	SFGPNXX	SSRPAXX	VARIABLE	PATCH(CLOTH,FIBERGLASS),APPLY STARTS-WITH GET PATCH INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION PATCH TO SURFACE,GET RESIN AND BRUSH, BRUSH RESIN OVER PATCH,SMOOTH WITH BRUSH,ASIDE BRUSH AND RESIN ENDS-WITH ASIDE RESIN
					757	CASE 01 PATCH TO EIGHT SQUARE INCHES
					900	02 PATCH NINE TO 26 SQUARE INCHES
					1423	03 PATCH 27 TO 50 SQUARE INCHES
					2285	04 PATCH 51 TO 82 SQUARE INCHES
NAA	754	MAA	SFGVD18	SSRVF01	987	VOID,FILL STARTS-WITH REACH TO GET BRUSH INCLUDES-ALL THE MOTIONS NECESSARY TO GET BRUSH,DIP IN FILLER,SCOOP FILLER WITH BRUSH, PLACE FILLER ON BRUSH IN VOID,FORCE FILLER INTO VOID,SMOOTH FILLER SURFACE AND ASIDE BRUSH ENDS-WITH ASIDE BRUSH CONDITIONS-FILL ONE SQUARE INCH VOID
NAA	754	MAA	AFGRSH1	MTLCHXX	VARIABLE	HONEYCOMB(NEW),CUT TO FINISHED SIZE STARTS-WITH STRAIGHT EDGE IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION STRAIGHT EDGE,POSITION KNIFE,CUT WITH A CONTROLLED ROCKING MOTION ENDS-WITH COMPLETION OF CUT
					245	CASE 01 CUT ONE LINEAR INCH TO 24 INCHES
					146	02 CUT ONE LINEAR INCH OVER 24 INCHES

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NAA	754	MAA	AFGRSH2	MTLHCXX	VARIABLE	HONEYCOMB,CUT AT DAMAGED AREA-APPROX.SIZE STARTS-WITH KNIFE IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO POSITION KNIFE TO DAMAGED AREA AND CUT BOTTOM ENDS-WITH COMPLETION OF CUT
					136	CASE 01 CUT ONE LINEAR INCH TO 24 INCHES
					22	02 CUT ONE LINEAR INCH OVER 24 INCHES
NAA	754	MUA	SPSHMXX	STPHCXX	VARIABLE	HOLE,COUNTERSINK IN PLASTIC STARTS-WITH REACH TO GET DRILL MOTOR INCLUDES-ALL THE MOTIONS NECESSARY TO GET DRILL MOTOR,DRILL BIT,INSERT DRILL BIT IN CHUCK AND SECURE,POSITION DRILL TO PLASTIC AND DRILL,CLEAR CHIPS FROM COUNTERSINK,REMOVE DRILL BIT,ASIDE DRILL AND DRILL MOTOR ENDS-WITH ASIDE DRILL MOTOR
					750	CASE 01 FIRST OR SINGLE COUNTERSINK
					110	02 EACH ADDITIONAL COUNTERSINK
NAA	754	MUA	SPSPMXX	STPHDXX	TABLE	HOLE,DRILL IN PLASTIC STARTS-WITH REACH TO GET DRILL MOTOR INCLUDES-ALL THE MOTIONS AND TIME NECESSARY TO GET DRILL MOTOR,CHANGE DRILL BIT,POSITION DRILL TO GUIDE OR BUSHING AND DRILL CENTER HOLE WITH NUMBER 22 DRILL,CHANGE DRILL BIT AND POSITION DRILL TO GUIDE OR BUSHING,DRILL HOLE, ASIDE DRILL MOTOR ENDS-WITH ASIDE DRILL MOTOR

CONDITIONS-HOLES TO 7/16 INCHES DEEP-DOES NOT INCLUDE CLEANING CHIPS FROM DRILL-DOES INCLUDE APPLICATION OF LUBRICANT TO DRILL

SIZE OF HOLE DIAMETER		FIRST OR SINGLE HOLE A	ADDITIONAL HOLE B
3/16 INCH	A	2680	760
1/4 INCH	B	2890	800

NAA	754	MAA	AFGSP01	STPSR01	2450	SPOT(FIBERGLASS),REPAIR(ONE SQUARE INCH) STARTS-WITH REACH TO GET SANDER INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND CONNECT SANDER,SAND SURFACE,GET DRILL AND DRILL HOLE FOR SYRINGE NEEDLE,INJECT RESIN MIXTURE,GET AND INSTALL TAPE,REMOVE TAPE,GET SANDER AND FINISH SAND SURFACE,APPLY GLAZE TO SPOT AND ASIDE BRUSH ENDS-WITH ASIDE BRUSH
AE	763	MAO	SPFSF31	SCLFRXX	VARIABLE	FINISH(FURNITURE),REMOVE FROM WOOD STARTS-WITH REACH TO VARNISH REMOVER CONTAINER INCLUDES-ALL THE MOTIONS NECESSARY TO GET VARNISH REMOVER,BRUSH,APPLY REMOVER,GET SCRAPER,SCRAPE OFF VARNISH REMOVER,GET BUCKET, SCRAPE ACCUMULATION INTO BUCKET,APPLY SECOND LAYER OF REMOVER,GET STEEL WOOL AND RUB SURFACE,GET WAX REMOVER,APPLY,GET CLOTH AND REMOVE WAX REMOVER,ASIDE VARNISH REMOVER,BRUSH, SCRAPER,WAX REMOVER,STEEL WOOL AND CLOTH ENDS-WITH ASIDE CLOTH AFTER REMOVING WAX
					3832	CASE 01 FIRST SQUARE FOOT-FLAT(INCLUDES EDGES)
					1442	02 EACH ADDITIONAL SQUARE FOOT-FLAT
					587	03 EACH LINEAR FOOT-EDGE

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	763	MAF	373	SNFGA01	544	GLUE,APPLY WITH BRUSH TO SURFACE STARTS-WITH REACH TO BRUSH IN GLUE POT INCLUDES-ALL THE MOTIONS NECESSARY TO GET BRUSH IN GLUE POT,POSITION TO PICK UP GLUE ON BRUSH,MOVE BRUSH TO SURFACE,APPLY TO SURFACE WITH BRUSH STROKES,RETURN BRUSH TO GLUE POT,RELEASE BRUSH ENDS-WITH RELEASE BRUSH IN POT CONDITIONS-DIP BRUSH SIX TIMES,MAKE 25 BRUSH STROKES TO APPLY GLUE-COVERS ONE SQUARE FOOT-APPLIES TO GLUING WOOD OFFICE TABLE OR OTHER MOVABLE FOUR LEGGED TABLES
NF	763	MAF	SPFFW34	SSRDFXX	VARIABLE	DENT(FURNITURE),FILL IN WOOD SURFACE STARTS-WITH REACH TO GET CHISEL INCLUDES-ALL THE MOTIONS NECESSARY TO GET CHISEL AND TAPPING TOOL,POSITION CHISEL IN DENT,TAP WITH 10 SHORT TAPPING STROKES,ASIDE CHISEL AND TAPPING TOOL,GET PLASTIC WOOD CONTAINER,GET PUTTY KNIFE(OR EQUIVALENT),REMOVE LID,GET PLASTIC WOOD ON KNIFE,PACK INTO DENT/HOLE,SMOOTH SURFACE,ASIDE KNIFE ENDS-WITH ASIDE PUTTY KNIFE 666 CASE 01 FILL FIRST OR SINGLE DENT/HOLE 393 02 FILL EACH ADDITIONAL DENT IN SERIES
AE	78X	MAP	SSPHS01	SJPNT01	376	NEEDLE(HAND SEWING),THREAD STARTS-WITH REACH TO GET THREAD FROM MACHINE INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND BREAK THREAD,GET NEEDLE,REMOVE OLD THREAD FROM NEEDLE,WET THREAD AND ALIGN TO NEEDLE EYE AND THREAD NEEDLE THROUGH EYE,TIE KNOT IN THREAD ENDS-WITH KNOT IN THREAD
AE	78X	MAP	SSPEAV4	SJPTA01	45	THREAD,ALIGN AT SEWING MACHINE FOOT STARTS-WITH REACH TO FIRST THREAD INCLUDES-ALL THE MOTIONS NECESSARY TO GET FIRST AND SECOND THREAD,PULL TO TIGHTEN,MOVE INTO SLOT IN MACHINE FOOT,MOVE THREAD ENDS OUT TO LEFT,RELEASE ENDS-WITH RELEASE THREADS
AE	78X	MAP	SSPEAU3	MNFSS01	244	STITCH/TACK,SEW BY HAND STARTS-WITH THREADED NEEDLE IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO PUSH THE NEEDLE INTO MATERIAL,RELEASE,GRASP NEEDLE BEYOND STITCH,PULL NEEDLE THROUGH AND TIGHTEN STITCH ENDS-WITH STITCH TIGHTEN CONDITIONS-TIME IS PER INCH OR PER TACK-FIVE STITCHES PER INCH
AE	79X	MAP	SSWM002	SSUBC01	250	BOBBIN(SEWING MACHINE),CHANGE STARTS-WITH REACH UNDER TABLE TO BOBBIN IN MACHINE INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP BOBBIN CLIP ON BOBBIN,OPEN CLIP,REMOVE BOBBIN, TURN CASE OVER AND RELEASE SPOOL,PICK UP AND ASIDE TO TRAY AT RIGHT,REACH AND GET NEW SPOOL (PREWOUND),PLACE IN BOBBIN CASE(HELD IN LEFT HAND),GET LOOSE END OF THREAD,POSITION INTO SLOT,SECURE AGAINST GUIDE,RELEASE THREAD,RETURN BOBBIN TO POSITION UNDER TABLE,OPEN CLIP AND SEAT BOBBIN,RELEASE,HAND RETURNS READY TO START NEXT OPERATION ENDS-WITH HAND RETURNED

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AE	78X	MAP	SSWM003	SSUBS01	509	BOBBIN,SET UP TO WIND STARTS-WITH REACH TO SPOOL INCLUDES-ALL THE MOTIONS NECESSARY TO GET SPOOL AND PLACE ON SPINDLE,RELEASE,GET THREAD END AND FEED INTO HOLE,PULL THROUGH,POSITION THREAD INTO TENSION WHEEL,WIND THREAD AROUND SPOOL,RELEASE,PRESS SWITCH TO WIND,RELEASE SWITCH,GET OLD SPOOL AND WIND UP EXCESS THREAD,PLACE NEW SPOOL ON RACK ENDS-WITH ASIDE THREAD SPOOL CONDITIONS-TIME IS BASED ON USING THREAD ON RACK 1/2 OF THE TIME WITHOUT CHANGING-DOES NOT INCLUDE WINDING TIME
AE	78X	MAP	SSWM001	SSUTC01	1118	THREAD,CHANGE IN SEWING MACHINE STARTS-WITH REACH TO THREAD INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP AND BREAK THREAD,GET OLD SPOOL,WIND UP EXCESS THREAD,PLACE NEW SPOOL ON RACK,WET THREAD FOR HANDLING,THREAD POSTS AT TOP OF MACHINE,THREAD GUIDE TO TENSION WHEEL,LOOP THREAD AROUND TENSIONER(ARM),THREAD HOLE IN ARM(TWO HOOKS), THREAD LAST HOOK,WET THREAD AND THREAD NEEDLE, HOOK THREAD UNDER FOOT AND RELEASE ENDS-WITH RELEASE THREAD CONDITIONS-STAND UP AND SIT DOWN ONE TIME DURING OPERATION
NF	780	MAF	160	SCPMP01	90	MATERIAL,PIN TO CHAIR OR OTHER MATERIAL STARTS-WITH REACH TO GET PIN AND MATERIAL (SIMO) INCLUDES-ALL THE MOTIONS NECESSARY GET PIN AND PICK UP MATERIAL,POSITION PIN TO MATERIAL AFFIX PIN TO MATERIAL,RELEASE ENDS-WITH RELEASE PIN AND MATERIAL CONDITIONS-TIME IS PER PIN
NF	780	MAF	261	MOAWS01	209	WEBBING,STRETCH INTO POSITION STARTS-WITH REACH TO WEBBING INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP WEBBING WITH LEFT HAND AND MOVE IT TO TOP OF STRETCHER,MOVE AND POSITION STRETCHER TO WEBBING WITH RIGHT HAND,MOVE OPPOSITE END TO FRAME,PULL WEBBING DOWN OVER STRETCHER WITH LEFT HAND,MOVE AND PULL STRETCHER DOWN TO TIGHTEN WEBBING,RELEASE WEBBING AND STRETCHER, REACH TO WEBBING AND STRETCHER,GRASP AND DISENGAGE WEBBING FROM STRETCHER,HOLD WEBBING AND STRETCHER ENDS-WITH WEBBING AND STRETCHER IN HANDS
NF	780	MAF	255	MNFCT01	323	CORD(UPHOLSTERING),TIE ON SPRING STARTS-WITH CORD IN RIGHT HAND INCLUDES-ALL THE MOTIONS NECESSARY TO LAY CORD OVER SPRING,REACH TO CORD AND SPRING WITH LEFT HAND,GRASP AND HOLD CORD AND SPRING,GRASP CORD WITH RIGHT HAND,ROLL UNDER SPRING,RELEASE, GRASP CORD AND PULL THROUGH LOOP,MOVE CORD BACK TO SPRING AND ROLL UNDER CORD,RELEASE, REACH TO AND GRASP CORD,PULL THROUGH LOOP, RELEASE,REACH AND GRASP CORD,PULL THROUGH, REACH BACK AND GRASP CORD,PULL AND TIGHTEN KNOT,RELEASE CORD ENDS-WITH RELEASE CORD

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	780	MAF	232	MNFMS01	256	MATERIAL,SEW BY HAND STARTS-WITH REACH TO MATERIAL WITH LEFT HAND, NEEDLE IN RIGHT HAND INCLUDES-ALL THE MOTIONS NECESSARY TO GET THE MATERIAL,POSITION NEEDLE TO MATERIAL,FORCE NEEDLE THROUGH MATERIAL,PULL THREAD THROUGH AND PULL STITCH TIGHT ENDS-WITH PULL STITCH TIGHT CONDITIONS-TIME IS PER STITCH
NF	780	MAF	3390	MNFTD01	100	TACK,DRIVE IN PLACE STARTS-WITH HAMMER IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE THE MAGNETIC END OF HAMMER TO MOUTH,POSITION TO TACK IN MOUTH,MOVE TACK FROM MOUTH AND MOVE INTO MATERIAL,HIT TACK WITH TWO HAMMER STROKES ENDS-WITH SECOND HAMMER STROKE CONDITIONS-PER TACK UP TO BUT NOT INCLUDING SIZE 14
NF	780	MAF	378	MNFTR01	124	TACKS,REMOVE STARTS-WITH TOOLS IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE CHISEL TO HEAD OF TACK AND POSITION,STRIKE CHISEL WITH MALLET ENDS-WITH STRIKE CHISEL WITH MALLET CONDITIONS-REQUIRES TWO POSITIONS AND FOUR HAMMER BLOWS TO REMOVE TACK-TIME IS PER TACK
NF	780	MAF	268	MOHTP01	139	TACKS,PLACE IN MOUTH STARTS-WITH REACH TO GET BOX OF TACKS,HAMMER IN RIGHT HAND INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP BOX,MOVE HAMMER TO TOP OF BOX,PICK UP TACKS WITH MAGNETIC END OF HAMMER,POSITION TACKS TO MOUTH,GRASP TACKS WITH MOUTH,DISENGAGE HAMMER FROM TACKS IN MOUTH ENDS-WITH DISENGAGE TACKS FROM HAMMER CONDITIONS-TACK SIZE IS UP TO BUT NOT INCLUDING NUMBER 14 OR LARGER-TIME IS PER MOUTHFUL
NF	780	MAF	9	SOH8P01	135	BATTING(COTTON),POSITION STARTS-WITH BEND TO WORK INCLUDES-ALL THE MOTIONS NECESSARY TO BEND AND GRASP BATTING OR FILLING MATERIAL,KNEAD OR REGULATE WITH FINGERS FOR SMOOTH EVEN FINISH OR ALONG EDGES FOR PROPER CONTOUR OF FOUNDATION,ARISE FROM BEND ENDS-WITH ARISE FROM BEND CONDITIONS-TIME IS TO COVER 1/2 SQUARE FOOT OF MOSS,HAIR OR SISAL SMOOTHER OR PER LINEAR FOOT OF EDGE
NF	780	MAF	7	SOH8T01	463	BATTING(COTTON),TEAR FROM ROLL STARTS-WITH SIMO REACH TO ROLL INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP ROLL,SLIDE AND ROLL OVER ON TABLE,PULL BATTING APART,PICK UP PIECE ENDS-WITH PIECE IN HAND CONDITIONS-WALK FIVE PACES TO BATTING ROLL ON TABLE AND RETURN

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	780	MAF	67	SOHCFXX	VARIABLE	COVER(UPHOLSTERY),FIT UNDER ADJOINING SURFACE STARTS-WITH A BEND TO MATERIAL(COVER) INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP MATERIAL IN LEFT HAND,MOVE HAND HELD REGULATOR IN RIGHT HAND TO MATERIAL,POSITION REGULATOR ON MATERIAL,APPLY PRESSURE AND PUSH MATERIAL THROUGH,ARISE,STOOP TO MATERIAL,GRASP WITH A SIMO REACH,MOVE MATERIAL TO PULL TIGHT,RELEASE COVER,ARISE ENDS-WITH ARISE FROM STOOP CONDITIONS-APPLIES TO ACTIONS SUCH AS FITTING SEAT PLATFORM COVER UNDER BACK-THROUGH SLOT BETWEEN FILLER RAIL AND TACKING RAIL-PER SIX INCH LENGTH OF COVER
					319	CASE 01 PER FIRST OR ONLY SIX INCHES
					258	02 EACH ADDITIONAL SIX INCHES
NF	780	MAF	68	SOHCS01	63	COVER OR MATERIAL(UPHOLSTERY),STRETCH TO FIT OR TACK STARTS-WITH REACH TO EDGE OF MATERIAL INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP EDGE OF MATERIAL,MOVE EDGE TO PULL MATERIAL TIGHT,RELEASE ENDS-WITH RELEASE MATERIAL CONDITIONS-TIME IS PER INCH OR PER TACK-FIRST EDGE
NF	780	MAF	2625	SOHMF01	91	MATERIAL,FOLD STARTS-WITH REACH TO MATERIAL INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP AND MOVE EDGE OF PIECE OF MATERIAL TO MAKE ONE FOLD,ALIGN EDGES,RELEASE ENDS-WITH RELEASE MATERIAL AFTER FOLD CONDITIONS-MATERIAL 24 INCHES SQUARE
NF	780	MAF	375	MTLMC01	33	MATERIAL,CUT WITH SHEARS(UPHOLSTERY) STARTS-WITH SHEARS POSITIONED,READY TO CUT INCLUDES-ALL THE MOTIONS NECESSARY TO CLOSE AND OPEN SHEARS AND MOVE FORWARD TO MARK OR LINE ENDS-WITH SHEARS MOVED TO MARK OR LINE CONDITIONS-PER CUT OR EACH TWO INCHES STRAIGHT CUTTING
NAA	781	MAA	SFGCMXX	SFAPCXX	VARIABLE	PATCH(CLOTH),CUT AND TRIM STARTS-WITH REACH TO GET MATERIAL INCLUDES-ALL THE MOTIONS NECESSARY TO GET CLOTH PIECE,GET SCISSORS,CUT CLOTH,POSITION CUT CLOTH TO REPAIR AREA,FIT TO AREA,GET SCISSORS AND TRIM TO FIT,CHECK,FIT PATCH TO JOB,ASIDE SCISSORS AND SCRAP,CHECK FIT ENDS-WITH CHECK FIT(VISUAL) CONDITIONS-ALL PATCHES CUT FROM CORNERS OF MATERIAL
					989	CASE 01 PATCH-2X2 INCHES
					1011	02 PATCH-2X3 OR 1X6 INCHES
					1151	03 PATCH-1X16 INCHES IRREGULAR PATCH
					1075	04 PATCH-2X8 INCHES
					1053	05 PATCH-4X4 INCHES
					1502	06 PATCH-3X12 INCHES
					1480	07 PATCH-4X9 INCHES
					1469	08 PATCH-6X6 INCHES
					2038	09 PATCH-2X32 INCHES
					1884	10 PATCH-4X16 INCHES
					1740	11 PATCH-8X8 INCHES

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
NF	781	MAF	1754	MGMMM01	268	MARK(CHECK),MAKE ON FLOOR STARTS-WITH STOOP,RULE IN BOTH HANDS INCLUDES-ALL THE MOTIONS NECESSARY TO STOOP AND MOVE RULE TO FLOOR,ALIGN AND POSITION RULE AND RELEASE,GET CHALK FROM POCKET,POSITION TO RULE AND MAKE MARK ON FLOOR,PICK UP RULE AND ARISE,RETURN CHALK TO POCKET ENDS-WITH ARISE FROM STOOP
AF	781	TUW	1628-41	MJPCR01	150	CUTTER,REPOSITION FOR NEXT CUT(MACHINE) STARTS-WITH PULL BACK FROM END OF CUT INCLUDES-ALL THE MOTIONS NECESSARY TO PULL MACHINE,SHARPEN BLADE IF NECESSARY(AUTO), ADJUST MATERIAL AS NECESSARY,PUSH MACHINE TO START OF CUT,ALIGN TO CUT ENDS-WITH MACHINE ALIGNED TO CUT CONDITIONS-EASTMAN CLOTH CUTTER
AF	781	TUW	1628-35	MLODC01	55	DOT,CIRCLE STARTS-WITH PENCIL IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE PENCIL TO DOT AND DRAW A CIRCLE AROUND THE DOT ENDS-WITH FINISH CIRCLE AROUND DOT CONDITIONS-DOTS DO NOT AVERAGE MORE THAN 12 INCHES APART-TIME IS PER DOT
AF	781	TUW	1628-33	MLOPM01	13	PATTERN,MARK AROUND STARTS-WITH START TO MOVE PENCIL AROUND PATTERN INCLUDES-ALL THE MOTIONS NECESSARY TO DRAW A LINE AROUND A PATTERN WITH A PENCIL ENDS-WITH STOP MARKING CONDITIONS-DOES NOT INCLUDE GET AND ASIDE PATTERN OR PENCIL-TIME IS PER INCH MARKED
AF	781	TUW	1628-34	MLOPM02	47	POINTS(DOTS),MARK STARTS-WITH MOVE PENCIL TO HOLE IN PATTERN INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE A PENCIL TO HOLE IN A PATTERN AND MARK ENDS-WITH MAKE MARK CONDITIONS-HOLES AVERAGE NOT MORE THAN 12 INCHES APART-TIME IS PER MARK
MAA	781	MAA	SFGCM01	MTLCC01	613	CLOTH,CUT WITH SCISSORS STARTS-WITH REACH TO CLOTH ROLL INCLUDES-ALL THE MOTIONS NECESSARY TO UNROLL CLOTH,GET SCISSORS AND CUT CLOTH FROM ROLL, ASIDE CLOTH AND SCISSORS ENDS-WITH ASIDE CLOTH AND SCISSORS CONDITIONS-MATERIAL IS 38 INCHES WIDE
MAA	781	MAA	SUPSFAC	MTLHP01	365	HOLE,PUNCH IN SOUND PROOFING BLANKET,HAND PUNCH STARTS-WITH REACH TO GET BLANKET INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION BLANKET ON BLOCK,CUT HOLE IN BLANKET WITH PUNCH,GET SCISSORS AND TRIM MATERIAL, ASIDE SCISSORS ENDS-WITH ASIDE SCISSORS CONDITIONS-HAND PUNCHED
MAA	781	MAA	SUPSFAC	MTLHP02	399	HOLE,PUNCH IN SOUND PROOFING BLANKET,KICK PRESS STARTS-WITH REACH TO GET BLANKET INCLUDES-ALL THE MOTIONS NECESSARY TO GET AND POSITION BLANKET IN KICK PRESS,MOVE LEG TO KICK PEDAL,ACTUATE PEDAL,ALIGN BLANKET FOR HOLE LOCATION,PUNCH HOLE,REMOVE LEG FROM KICK PEDAL ENDS-WITH REMOVE LEG FROM KICK PEDAL CONDITIONS-PUNCH HOLE WITH KICK PRESS

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AF	781	TUW	1628-40	MTLMCXX	VARIABLE	MATERIAL,CUT WITH MACHINE(PER INCH) STARTS-WITH START PUSHING MACHINE TO CUT INCLUDES-ALL THE MOTIONS NECESSARY TO CUT A PIECE OF MATERIAL WITH A EASTMAN CUTTING MACHINE ENDS-WITH STOP CUT CONDITIONS-EASTMAN CUTTING MACHINE OR SIMILAR MACHINE-TIMES ARE TO CUT PIECE,DIVIDE BY THE NUMBER OF PIECES IN STACK FOR PER PIECE TIME
					53	CASE 01 SIMPLE CUT-STRAIGHT LINE ONLY
					75	02 AVERAGE CUT-INCLUDES STRAIGHT AND CURVED CUTS
					113	03 RESTRICTED CUTS-INCLUDES ALL DIFFICULT CUTS
NAA	781	MAA	OTLPHXX	STLHPXX	VARIABLE	HOLE,PUNCH WITH WHEEL TYPE HARNESS PUNCH STARTS-WITH REACH TO PUNCH INCLUDES-ALL MOTIONS NECESSARY TO GET A WHEEL TYPE HARNESS PUNCH,ROTATE WHEEL TO DESIRED PUNCH SIZE,POSITION TOOL TO MATERIAL (TO LOOSE OR CLOSE ALIGNMENT),PUNCH HOLE,REMOVE TOOL FROM MATERIAL,REMOVE CUTOUT AND EXAMINE HOLE ENDS-WITH ASIDE TOOL AND MATERIAL CONDITIONS-WHEEL TYPE MANUAL HARNESS PUNCH, 1/16 TO 3/16 INCH HOLE IN NON-METALLIC SOFT MATERIALS TO .250 INCH THICKNESS
					403	CASE 01 FIRST HOLE
					153	02 ADDITIONAL HOLE
AF	781	TUW	1638-43	STPCA01	250	CLIP,ASSEMBLE TO STRAP STARTS-WITH REACH TO GET PIECE INCLUDES-ALL THE MOTIONS NECESSARY TO GET CLIP AND STRAP,ASSEMBLE STRAP TO CLIP IN DIE AND POSITION,OPERATE FOOT BUTTON TO START AND STOP MACHINE,REMOVE AND ASIDE FINISHED PIECE ENDS-WITH ASIDE PIECE CONDITIONS-BLISS PRESS,MODEL 16
AE	782	MAP	SSPEAU2	MPKJBXX	VARIABLE	JACKET(DRESS),BUTTON STARTS-WITH REACH TO JACKET LAPEL NEAR BUTTONHOLE INCLUDES-ALL MOTIONS NECESSARY TO MOVE BUTTONHOLE TO BUTTON AND INSERT BUTTON THROUGH HOLE ENDS-WITH RELEASE OF JACKET CONDITION-TIME TO GET AND ASIDE JACKET NOT INCLUDED
					64	CASE 01 FIRST BUTTON
					47	02 EACH ADDITIONAL BUTTON
AE	782	MAP	SSPEAC3	MPKJF01	88	JACKET(FATIGUE),FASTEN WITH ZIPPER STARTS-WITH REACH TO COAT LAPEL INCLUDES-ALL MOTIONS NECESSARY TO FOLD LAPEL BACK,GET ZIPPER AND ZIPPER TRACK,INSERT ZIPPER INTO TRACK,AND PULL ZIPPER TO CLOSE ENDS-WITH RELEASE OF ZIPPER CONDITIONS-12 INCH ZIPPER
AE	782	MAP	SSPEAD3	MPKJF02	39	JACKET(FATIGUE),FASTEN WITH SNAP(TWO PART) STARTS-WITH SIMO REACH TO SNAP PARTS INCLUDES-ALL MOTIONS NECESSARY TO CLOSE TWO SNAP PARTS ON FATIGUE JACKET ENDS-WITH RELEASE OF SNAP
AE	782	MAP	SSPEAX2	MPK0801	53	OVERCOAT,BUTTON,PER BUTTON STARTS-WITH REACH TO COAT LAPEL AT BUTTONHOLE INCLUDES-ALL MOTIONS NECESSARY TO MOVE LAPEL TO BUTTON AND INSERT BUTTON THROUGH HOLE ENDS-WITH RELEASE OF LAPEL

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AE	782	MAP	SSPEAXX	MPK0F01	517	OVERCOAT,FOLD STARTS-WITH SIMO REACH TO COAT SHOULDERS INCLUDES-ALL MOTIONS NECESSARY TO LIFT COAT, SHAKE TO STRAIGHTEN,PLACE ON TABLE TO FOLD, SMOOTH COAT ON TABLE WITH HAND,GRASP RIGHT SHOULDER AND TAIL,FOLD OVER,GRASP LEFT SHOULDER AND TAIL,FOLD OVER,GET RIGHT SLEEVE, FOLD ALONG BODY,GET LEFT SLEEVE,FOLD ALONG BODY,FLATTEN FOLD WITH HAND,REACH TO CENTER OF COAT WITH LEFT HAND,FOLD COAT IN HALF WITH RIGHT HAND,PLACE LEFT HAND IN CENTER OF COAT AND MAKE SECOND FOLD,TURN COAT OVER,AND FOLD BELT OVER COAT ENDS-WITH RELEASE OF BELT
AE	782	MAP	SSPEAW2	MPK0001	179	OVERCOAT,OBTAIN AND SPREAD TO BUTTON STARTS-WITH REACH TO COAT COLLAR INCLUDES-ALL MOTIONS NECESSARY TO LIFT COAT, GET COAT BY SHOULDERS,SHAKE TO STRAIGHTEN,AND PLACE IN POSITION FOR BUTTONING ENDS-WITH RELEASE OF COAT
AE	782	MAP	SSPEAQ2	MPKS801	61	SHIRT,BUTTON,PER BUTTON STARTS-WITH SHIRT IN HAND INCLUDES-ALL MOTIONS NECESSARY TO BUTTON ONE BUTTON ON SHIRT ENDS-WITH RELEASE OF BUTTON CONDITION-NO TIME INCLUDED FOR GET AND ASIDE SHIRT
AE	782	MAP	SSPEAR2	MPKSF01	245	SHIRT(OR DRESS JACKET),FOLD,BODY ONLY STARTS-WITH GET SHIRT INCLUDES-ALL MOTIONS NECESSARY TO SHAKE SHIRT TO STRAIGHTEN,PLACE ON TABLE WITH FRONT DOWN, FOLD RIGHT SIDE OF SHIRT IN AND PRESS FLAT,AND REPEAT FOR LEFT SIDE ENDS-WITH SIDES OF SHIRT FOLDED IN
AE	782	MAP	SSPEAS2	MPKSF02	182	SHIRT(OR DRESS JACKET),FOLD,SLEEVES ONLY STARTS-WITH SHIRT LYING ON TABLE WITH SIDES FOLDED IN INCLUDES-ALL MOTIONS NECESSARY TO GET RIGHT HAND SLEEVE,FOLD AT SHOULDER,PLACE FLAT ALONG FOLDED BODY OF SHIRT,AND PRESS WITH HAND TO FLATTEN.MOTION SEQUENCE IS REPEATED FOR LEFT HAND SLEEVE. ENDS-WITH SLEEVES FOLDED
AE	782	MAP	SSPEAT2	MPKSF03	53	SHIRT(OR DRESS JACKET),FOLD IN HALF STARTS-WITH SHIRT LYING ON TABLE WITH BODY AND SLEEVES FOLDED INCLUDES-ALL MOTIONS NECESSARY TO FOLD SHIRT IN HALF AND PRESS WITH HANDS TO FLATTEN ENDS-WITH RELEASE OF SHIRT
AE	782	MAP	SSPEAV2	MPKS001	133	SHIRT(OR DRESS JACKET),OBTAIN AND SPREAD TO BUTTON STARTS-WITH REACH TO SHIRT OR JACKET INCLUDES-ALL MOTIONS NECESSARY TO LIFT GARMENT BY SHOULDERS,SHAKE TO STRAIGHTEN,AND PLACE IN POSITION FOR BUTTONING ENDS-WITH RELEASE OF GARMENT
AE	782	MAP	SSPEAP2	MPKSU01	35	SHIRT,UNBUTTON,PER BUTTON STARTS-WITH REACH TO BUTTON INCLUDES-ALL MOTIONS NECESSARY TO UNBUTTON ONE BUTTON ON SHIRT ENDS-WITH RELEASE OF BUTTON CONDITION-NO TIME INCLUDED FOR GET OR ASIDE SHIRT

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AE	782	MAP	SSPEAN4	MPKTF01	171	TROUSERS,FOLD STARTS-WITH TROUSERS LYING FLAT ON TABLE INCLUDES-ALL MOTIONS NECESSARY TO REACH AND GRASP TROUSER LEG AT CUFF,FOLD TROUSERS IN HALF,GRASP LEGS AT FOLD,MAKE SECOND FOLD AND SMOOTH WITH HANDS ENDS-WITH RELEASE OF TROUSERS
AE	782	MAP	SSPEAM4	MPKTP01	162	TROUSERS,PLACE FLAT ON TABLE FOR FOLDING STARTS-WITH TROUSERS IN HAND INCLUDES-ALL MOTIONS NECESSARY TO PLACE TROUSERS ON TABLE AND SMOOTH FOR FOLDING ENDS-WITH RELEASE OF TROUSERS
AE	782	MAP	SSPBF02	SPKJ801	799	JACKET(DRESS),BUTTON AND FOLD STARTS-WITH GET JACKET INCLUDES-ALL MOTIONS NECESSARY TO FASTEN TWO BUTTONS ON FRONT OF JACKET AND TO FOLD JACKET ENDS-WITH ASIDE JACKET
AE	782	MAP	SSPBF04	SPKJF01	768	JACKET(FATIGUE),FASTEN AND FOLD STARTS-WITH GET JACKET INCLUDES-ALL MOTIONS NECESSARY TO CLOSE JACKET ZIPPER,FASTEN TWO SNAPS,AND FOLD JACKET ENDS-WITH ASIDE FOLDED JACKET
AE	782	MAP	SSPBF03	SPKO801	884	OVERCOAT,BUTTON AND FOLD STARTS-WITH GET OVERCOAT INCLUDES-ALL MOTIONS NECESSARY TO FASTEN THREE BUTTONS AND TO FOLD OVERCOAT ENDS-WITH ASIDE FOLDED OVERCOAT
AE	782	MAP	SSPBF01	SPKSB01	824	SHIRT,BUTTON AND FOLD STARTS-WITH GET SHIRT INCLUDES-ALL MOTIONS NECESSARY TO FASTEN THREE BUTTONS ON FRONT OF SHIRT,FOLD SHIRT,AND ASIDE ENDS-WITH RELEASE OF FOLDED SHIRT
AE	782	MAP	SSPBF05	SPKTF01	363	TROUSERS,FOLD STARTS-WITH TROUSERS IN HAND INCLUDES-ALL MOTIONS NECESSARY TO PLACE TROUSERS ON TABLE AND FOLD ENDS-WITH ASIDE FOLDED TROUSERS
AE	787	TUW	161861	MOHMPXX	VARIABLE	MATERIAL,POSITION TO SEW STARTS-WITH REACH TO GET MATERIAL INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP FIRST PIECE OF MATERIAL,MOVE TO AND POSITION ON BENCH,REACH,GRASP,MOVE AND ALIGN SECOND PIECE WITH FIRST,POSITION TO MACHINE ENDS-WITH BOTH PIECES ALIGNED AND POSITIONED, START MACHINE CONDITIONS-SINGER SEWING MACHINE,SINGLE NEEDLE MODEL 111W-151-ALLOW ONE TIME FOR HEMMING,TWO TIMES FOR COUPLING OR REINFORCING 550 CASE 01 MATERIAL, 10-60 SQUARE FEET(CLOTH) 900 02 MATERIAL,OVER 60 SQUARE FEET(CLOTH)
AE	787	MBW	161861	MOHMP03	346	MATERIAL,POSITION TO SEW STARTS-WITH MATERIAL IN HAND(TWO PIECES) INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE THE MATERIAL TO SEWING MACHINE,POSITION AND MOVE UNDER NEEDLE,POSITION,ALIGN MATERIAL PIECES, CHECK ALIGNMENT,LIFT TOP PIECE TO CHECK,PRESS FOOT TO START MACHINE ENDS-WITH PRESS FOOT CONDITIONS-MATERIAL(CLOTH)-0 TO NINE SQUARE FEET-SINGER SEWING MACHINE,SINGLE NEEDLE MODEL NUMBER 111W-151-ALLOW ONE TIME FOR HEMMING AND TWO TIMES FOR COUPLING OR REINFORCING

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTOP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AF	787	MBW	161871	MOHMRXX	VARIABLE	MATERIAL,REPOSITION TO SEW STARTS=WITH MATERIAL IN MACHINE WITH HAND(S) ON MATERIAL INCLUDES=ALL THE MOTIONS REQUIRED TO MOVE MATERIAL INTO POSITION,TURN HAND WHEEL WHILE HOLDING MATERIAL,SWING MATERIAL AND POSITION, LINE UP MATERIAL ENDS=WITH MATERIAL RE=POSITIONED READY TO START MACHINE CONDITIONS=USED WHEN NEEDLE STOPPED TO TURN A CORNER OR IF MATERIAL IS PULLED AWAY FROM NEEDLE AND MUST BE REPLACED UNDER NEEDLE SINGER SEWING MACHINE,SINGLE NEEDLE,MODEL 111W=151
					201	CASE 01 MATERIAL(CLOTH)=0 TO NINE SQUARE FEET
					274	02 MATERIAL(CLOTH)=10 TO 60 SQUARE FEET
					698	03 MATERIAL(CLOTH)=OVER 60 SQUARE FEET (THIS CASE IS FROM A TIME STUDY)
AF	787	MAF	161	MOHMR04	65	MATERIAL(UPHOLSTERY),REMOVE FROM SEWING MACHINE STARTS=WITH RAISE PRESSURE FOOT WITH KNEE INCLUDES=ALL THE MOTIONS NECESSARY TO RAISE PRESSURE FOOT,GRASP HAND WHEEL,MOVE WHEEL TO DISENGAGE NEEDLE AND REMOVE MATERIAL FROM BENEATH PRESSURE FOOT,RELEASE HAND WHEEL ENDS=WITH RELEASE HAND WHEEL,MATERIAL IN LEFT HAND
AF	787	TUW	1618=15	MPTMSXX	VARIABLE	MATERIAL(CLOTH),SEW STARTS=WITH MATERIAL HELD AT STARTING POINT INCLUDES=ALL THE MOTIONS NECESSARY TO START MACHINE WITH FOOT PEDAL,GUIDE MATERIAL ALONG SEAM ENDS=WITH COMPLETION OF SEAM CONDITIONS=SINGER SEWING MACHINE,SINGLE NEEDLE MODEL NUMBER 111W=151
					13	CASE 01 SEW AROUND SEAM,SEWING IS NOT RESTRICTED=PER INCH=SECOND SEWING
					18	02 SEW HEM,LIGHT MATERIAL=0 TO NINE SQUARE FEET=PER INCH SEWED
					27	03 SEW HEM,LIGHT MATERIAL=10 TO 60 SQUARE FEET=PER INCH SEWED
					38	04 SEW HEM,LIGHT MATERIAL=OVER 60 SQUARE FEET=PER INCH SEWED
					20	05 SEW HEAVY MATERIAL=0 TO NINE SQUARE FEET=PER INCH SEWED
					30	06 SEW HEAVY MATERIAL=10 TO 60 SQUARE FEET=PER INCH SEWED
					42	07 SEW HEAVY MATERIAL=OVER 60 SQUARE FEET PER INCH SEWED
AF	787	TUW	1618/19	MPTSSXX	VARIABLE	SEAM,SEW WITH DOUBLE NEEDLE MACHINE STARTS=WITH MATERIAL POSITIONED UNDER NEEDLES INCLUDES=ALL THE MOTIONS NECESSARY TO HOLD A PIECE OF MATERIAL IN EACH HAND,INSERT PIECES IN GUIDE LOOP,HOLD MATERIAL,LOWER MACHINE FOOT WITH KNEE LEVER,START MACHINE WITH FOOT PEDAL, GUIDE PIECES BY HAND,STOP MACHINE,GET SCISSORS AND CLIP OFF STARTER PIECE,ASIDE SCISSORS, START MACHINE,GUIDE MATERIAL TO END OF SEAM, GET START PIECE AND INSERT BEHIND MATERIAL. START MACHINE AND SEW ACRUSS STARTER PIECE, STOP MACHINE,GET SCISSORS,CLIP OFF FINISH PIECE ENDS=WITH FINISH PIECE CLIPPED CONDITIONS=SINGER,DOUBLE NEEDLE SEWING MACHINE MODEL 145=W103
					25	CASE 01 SEW MATERIAL=0 TO 60 SQUARE FEET=PER INCH
					30	02 SEW MATERIAL=OVER 60 SQUARE FEET=PER INCH

DEFENSE WORK MEASUREMENT STANDARD TIME DATA ELEMENTS

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AF	787	TUW	161817	MPTSWXX	VARIABLE	MATERIAL,SEW COUPLING SEAM STARTS-WITH MATERIAL IN POSITION UNDER NEEDLE INCLUDES-ALL THE MOTIONS NECESSARY TO GUIDE AND ALIGN MATERIAL BEING SEWED ENDS-WITH COMPLETION OF SEAM CONDITIONS-TIME IS PER INCH SEWED-SINGER SEWING MACHINE,MODEL 111W-151
					20	CASE 01 LIGHT MATERIAL-0 TO NINE SQUARE FEET
					35	02 LIGHT MATERIAL-10 TO 60 SQUARE FEET
					53	03 LIGHT MATERIAL-OVER 60 SQUARE FEET
					43	04 HEAVY MATERIAL-0 TO NINE SQUARE FEET
					50	05 HEAVY MATERIAL-10 TO 60 SQUARE FEET
					62	06 HEAVY MATERIAL-OVER 60 SQUARE FEET
AF	787	TUW	1618-20	TPTRSXX	TABLE	REINFORCING,SEW TO SEAM STARTS-WITH DEPRESS FOOT PEDAL TO START MACHINE INCLUDES-ALL THE MOTIONS NECESSARY TO HOLD REINFORCING MATERIAL IN ONE HAND AND GUIDE MATERIAL THROUGH MACHINE WITH OTHER ENDS-WITH COMPLETION OF SEAM CONDITIONS-SINGER SEWING MACHINE,MODEL 111W-151-TIME IS TO SEW ONE INCH

SIZE OF MATERIAL (SQUARE FEET)		TYPE OF REINFORCING MATERIAL: CANVASS A	LEATHER B
ZERO TO NINE	A	30	32
10 TO 60	B	48	42
OVER 60	C	65	48

AF	787	TUW	1618-27	SPTAS01	2245	ASSEMBLY(HARDWARE AND WEB STRAP),SEW TO MATERIAL STARTS-WITH REACH TO GET STRAP AND HARDWARE INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP STRAP(WEB)AND HARDWARE,ASSEMBLE,POSITION ASSEMBLY UNDER NEEDLE AND ALIGN TO MATERIAL, FORM BOX STITCH MANUALLY,REMOVE FROM MACHINE, GET SCISSORS,CUT THREAD,TRIM LOOSE THREADS, ASIDE SCISSORS AND ASSEMBLY ENDS-WITH ASIDE SCISSORS AND ASSEMBLY CONDITIONS-SINGER SEWING MACHINE,MODEL 111W-151
AF	787	TUW	1618-25	SPTFA01	1859	FITTINGS,ASSEMBLE AND SEW TO WEB STRAPS STARTS-WITH REACH TO GET STRAP AND BUCKLE (SIMO) INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP STRAP AND BUCKLE,ASSEMBLE STRAP AND BUCKLE, POSITION ASSEMBLY IN MACHINE,FORM BOX STITCH MANUALLY,REMOVE ASSEMBLY FROM MACHINE,CUT THREADS,TRIM LOOSE THREADS,ASIDE ASSEMBLY ENDS-WITH ASIDE ASSEMBLY CONDITIONS-SINGER SEWING MACHINE,MODEL 111W-151

DATA SOURCE	OCCUP-ATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AF	787	TUW	1618-28	SPTRS01	1095	ROPE ENDS,SEW STARTS-WITH REACH TO GET ROPE INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP ROPE,POSITION IN MACHINE(APPROX.TWO INCHES FROM END),STITCH ALONG LENGTH OF ROPE TO END, TURN ROPE 90 DEGREES,STITCH 2-1/2 TIMES AROUND CIRCUMFERENCE OF ROPE AT END,TURN ROPE 90 DEGREES,STITCH TWO INCHES BACK ALONG LENGTH OF ROPE,REMOVE FROM MACHINE,CUT THREADS AND TRIM HANGING THREADS,ASIDE FINISH ROPE AND KNIFE ENDS-WITH ASIDE KNIFE AND ROPE CONDITIONS-SINGER SEWING MACHINE,PEDESTAL, MODEL 97-10-ROPE IS 36 INCHES OR LESS IN LENGTH
AF	787	TUW	1618-24	SPTSF01	824	STRAP(UNATTACHED),FOLD AND SEW STARTS-WITH REACH TO GET STRAP INCLUDES-ALL THE MOTIONS NECESSARY TO GET STRAP,FOLD END OVER,POSITION ON MACHINE,RAISE MACHINE FOOT WITH KNEE LEVER,SLIDE AND POSITION STRAP UNDER NEEDLE,LOWER MACHINE FOOT AND START MACHINE WITH FOOT PEDAL,GUIDE STRAP TO FORM BOX STITCH,STOP MACHINE,RAISE MACHINE FOOT,REMOVE STRAP,GET SCISSORS,CUT THREADS, TRIM HANGING THREADS,ASIDE SCISSORS ENDS-WITH ASIDE SCISSORS CONDITIONS-SINGER SEWING MACHINE,MODEL 111W-151
AF	787	TUW	1618-23	SPTSS01	859	STRAP(WEB),SEW TO MATERIAL STARTS-WITH REACH TO GET STRAP INCLUDES-ALL THE MOTIONS NECESSARY TO GET STRAP,POSITION STRAP ON MATERIAL,POSITION STRAP AND MATERIAL IN SEWING MACHINE,FORM BOX STITCH MANUALLY,OPERATE KNEE AND FOOT CONTROLS,GUIDE MATERIAL THROUGH MACHINE,GET SCISSORS,CUT THREADS,TRIM LOOSE THREADS AND ASIDE SCISSORS ENDS-WITH ASIDE SCISSORS CONDITIONS-SINGER SEWING MACHINE MODEL 111W-151
MAA	787	MAA	SUPSF05	SSUMP01	945	MACHINE(SEWING),PREPARE TO OPERATE STARTS-WITH REACH TO COVER INCLUDES-ALL THE MOTIONS NECESSARY TO REMOVE AND ASIDE THE SEWING MACHINE COVER,TURN LIGHT ON AND OFF,TURN MOTOR ON AND OFF,PLACE FEET ON TREADLE,RAISE PRESSURE FOOT WITH KNEE,DRAW OUT THREAD,REMOVE KNEE FROM PRESSURE FOOT,LIFT PAD AND GET TENSION SCREW,ADJUST TENSION,SIT AND STAND ENDS-WITH STAND UP CONDITIONS-DOES NOT INCLUDE WALK TO AND FROM SEWING MACHINE
AF	789	TUW	1658-44	SDPSS01	250	STRAP,SEAL ENDS STARTS-WITH REACH TO GET STRAP INCLUDES-ALL THE MOTIONS NECESSARY TO PICK UP STRAP,BEND DOUBLE SO ENDS ARE EVEN,DIP IN SEALER,REMOVE,ALLOW EXCESS TO DRIP OFF,HANG ON RACK TO DRY ENDS-WITH ASIDE STRAP TO RACK

DATA SOURCE	OCCUPATION	QUALITY	SOURCE CODE	DWMSTDP ELEMENT	TMU VALUE	OPERATION/ELEMENT DESCRIPTION
AF	797	TUW	1658-45	SOHRA01	910	ROPE,ATTACH TO GROMMETTED HOLE IN MATERIAL STARTS-WITH REACH TO GRASP MATERIAL INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP MATERIAL AND ROPE,INSERT ROPE IN GROMMET REGRASP ROPE ON OTHER SIDE,PULL THROUGH,UNTWIST ROPE NEAR KNOT,RUN OTHER END THROUGH THE TWIST,PULL TIGHT,PICK UP HANDLE OF ROPES,MOVE TO NEXT GROMMET HOLE AND PUT ROPES DOWN ENDS-WITH RELEASE ROPE HANDLES CONDITIONS-COVER IS SPACED OUT ON FLOOR, GROMMET HOLES ARE 18 INCHES APART (APPROX.) ROPES ARE KNOTTED AT ONE END,WRAPPED AND SEWED AT OTHER,ROPES CUT TO LENGTH
AF	789	MBW	1617-47	SOHRW01	905	ROPE ENDS,WRAP WITH TAPE AND CUT TO LENGTH STARTS-WITH REACH TO GET ROPE ENDS(TWO) INCLUDES-ALL THE MOTIONS NECESSARY TO GRASP ROPES,ALIGN TO STOP BLOCK,POSITION,ALIGN AND MARK ROPE WITH PENCIL,ASIDE PENCIL,GET STRIP OF TAPE FROM DISPENSER,WRAP FIRST ROPE END, DROP ROPE END,GET TAPE,WRAP SECOND END,GRASP BOTH ROPES,ALIGN FOR LENGTH,GET KNIFE,POSITION AND CUT ROPES,ASIDE KNIFE AND ROPES ENDS-WITH ASIDE ROPES
AF	739	MRW	1648-51	STLRS01	214	RIVET,SEAT STARTS-WITH SIMO REACH TO GET PIECE AND RIVET INCLUDES-ALL THE MOTIONS NECESSARY TO INSERT A RIVET IN A PRE-PUNCHED HOLE,ALIGN THE PIECE ON WORK BENCH,GET HAMMER,SEAT RIVET,ASIDE HAMMER ENDS-WITH ASIDE HAMMER CONDITIONS-STRIKE RIVET ONE TIME
DL	794	MUL	FESC	MMTCSXX	VARIABLE	CARTON(FIBERBOARD),STITCH(MACHINE) STARTS-WITH CARTON IN HAND INCLUDES-ALL THE MOTIONS NECESSARY TO MOVE CARTON INTO POSITION FOR FIRST STAPLE(STITCH), PUSH FOOT PEDAL,STAPLE(STITCH),RELEASE FOOT PEDAL,REMOVE CARTON FROM STITCHER ENDS-WITH MOVE CARTON CLEAR OF STITCHER CASE 01 FIRST STAPLE/STITCH 105 02 EACH ADDITIONAL STAPLE/STITCH 10

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