Work Specification (WS)
for
The Royal Saudi Air Force (RSAF) F-15SA
Program Depot Maintenance (PDM)

DRAFT

Model Contract: XXXXXX-XX-X-XXXX

Date Prepared: MM/DD/YYYY

Aircraft Effectivity: Reference Attachment 5 (to be crafted at a later date)

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1.0 - General

1.1 – Information

1.1.1 - This Work Specification (WS) establishes the requirements for receipt, inspection, maintenance, modification, functional testing and delivery of F-15SA aircraft input for Programmed Depot Maintenance (PDM) at Source of Repair (SOR). The aircraft shall be received by and reassigned to Royal Saudi Air Force (RSAF) in accordance with (IAW) AFI 21-103. The aircraft shall be returned to RSAF in the same configuration as received. The aircraft shall contain the same type of components, accessories, and special equipment installed except as modified, removed, or added by requirements of this WS. No attempt shall be made to standardize aircraft on which previous non-standard system or structure installations have been made.

1.1.2 - New work requirements, deletion of work requirements or a scope change to requirements of this WS will not be put into effect without prior approval of the System Program Office (SPO). Prior to non-performance of a WS requirement the SOR shall notify F-15SA Engineering.

1.1.3 - Disassembly of aircraft shall be limited to the extent necessary to accomplish the inspection and work required by this specification.

1.1.4 - Maintenance outside of the WS may be accomplished by the SOR within SOR capabilities but only with approval from the PM and COR.

1.1.5 - During closing inspection, inspect the entire aircraft/systems after all maintenance has been completed to be sure all tools/foreign objects have been removed and there are no loose parts.

1.1.6 - A sign-off sheet and/or an in-process inspection sheet shall be maintained for closeout inspections by access panels or areas where there is, at present, no requirement for quality control listed in technical manuals.

1.1.7 - Any maintenance generated defects, (Example: Dents caused by work stands, misdrilling of sheet metal, etc.) shall be corrected by the SOR without cost to the project.

1.1.8 - All applicable work outlined in this WS, including all TABs, must be completed for a PDM aircraft to be considered 'sold'. **THIS INCLUDES PROPER DOCUMENTATION OF ALL PDM TASKS (REMOVAL, INSPECTION, REPAIR, INSTALL, OPS CHECKOUT, SERVICING, ETC.) IAW TO 00-20-2.**

1.1.9 - System checkout because of removal and reinstallation of a Line Replaceable Unit (LRU) or panel to gain access for other work shall require checkout IAW applicable Country Specific Technical Order or basic Technical Order (CSTO or TO).
CAUTION: Extreme caution must be taken in reinstallation of connections and cannon plugs to ensure that the connections are not damaged.

1.1.10 - Complete an Air Force Technical Order (AFTO) Form 238 for all wing, horizontal stabilator, and/or landing gear removal and installations. Include the component serial number, aircraft serial number, flight hours, and date of removal and/or installation.. A copy of the AFTO Form 238 for each component removal and installation shall be furnished to F-15SA Engineering immediately.

1.1.11 – Inspect electrical wiring IAW applicable TOs. Electrical wiring found to be misrouted will be brought to the attention of applicable SPO F-15SA Engineer, PM, and COR for disposition and permission to repair or leave in current configuration. Misrouted electrical wiring that presents a SOF/unsafe condition shall be corrected. Wiring not corrected

shall be returned to the user in the condition received and documented on AFTO Form 781 as such.

1.1.12 - Engines on PDM aircraft shall have only those Safety of Flight (SOF) conditions corrected which are within the capabilities of the SOR. SOF conditions which cannot be corrected shall be reason to return the engine to using command for replacement. Engines with non-SOF items shall be returned to the user in the condition received under the appropriate red diagonal/red dash condition symbol. NOTE: Engines damaged because of Foreign Object Damage (FOD) and/or negligence while in possession of SOR shall be replaced by RSAF without impact upon the using RSAF wing. Engines requiring return to overhaul for any reason other than stated above shall have a replacement engine furnished by the using RSAF wing.

1.1.13 - All flight checks shall be accomplished by qualified Royal Saudi Air Force (RSAF) pilots.

1.1.14 - All SOF systems required for functional check flight (FCF) or ferry mission must be airworthy. Other systems disturbed for repair, adjustment or alteration shall be checked in sufficient depth to ensure operational reliability IAW basic CSTO. Modified components shall be operationally checked in accordance with applicable Country Specific Time Compliance Technical Order (CSTCTO) instructions. Systems not disturbed or not required for FCF and ferry mission may be returned to the using activity in the same condition as received, unless otherwise directed in this specification or by separate negotiation.

1.1.15 - All 103 delayed discrepancies shall be reviewed and considered by the PM and COR and only corrected if approved. Discrepancies not approved for work shall be entered on AFTO Form 781K and returned to the using activity for corrective action.

1.1.16 - Incoming AFTO Form 781 write-ups shall be approved/disapproved for work during predock conference. Correct all approved write-ups.

1.1.17 - CSTCTO implementation shall be accomplished within thirty days after receipt of formal publications, and supportability for negotiated workload is available at the maintenance facility. Incorporation shall be as negotiated.

1.1.18 - Organization and Intermediate Maintenance (O&I) level CSTCTOs that have less than 60 days to rescission date shall be accomplished after approval of the PM AND COR, provided parts and kits are available.

1.1.19 - AFTO Form 103 requests for work shall be IAW TO 00-25-4.

1.1.20 - Furnish F-15SA Engineering a copy of Predock minutes.

1.1.21 - Accomplish maintenance compression requirements when directed by the SPO IAW AFI 21-102 and AFMCI 21-118 as defined in TAB B of this WS.

1.2 - Terms Explained

1.2.1 - See Attachment 1.

1.3 - Data

1.3.1 - Maintenance Records, Forms and Publications

1.3.1.1 - The applicable forms and records listed in Table 1 shall be maintained IAW the listed directives listed during the time the aircraft is at the facility. Publications delivered with the aircraft shall be maintained IAW TO 00-5-1.

Table 1

Form Number	Form Title	Applicable Directive
AF Form 2691	Aircraft/Missile Equipment Property Record	AFI 21-103
AF Form 2692	Aircraft Inventory Records	AFI 21-103
AFTO Form 44	Turbine Wheel Historical Data	00-20-1
AFTO Form 95	Significant Historical Data	00-20-1
AFTO Form 98	Engine or Afterburner Instl Recd	00-20-1
AFTO Form 100 Series	Aircraft Data Records	00-20-1
AFTO Form 103	Aircraft/Missile Condition Data	00-25-4
AFTO Form 147	Engine Hot Section Data	00-20-1
AFTO Form 242(A-D)	Nondestructive Inspection Data	33B-1-1
AFTO Form 290	Aerospace Vehicle Delivery Receipt	00-20-1
AFTO Form 349	Maintenance Data Collection Records	00-20-2
AFTO Form 350	Repairable Item Processing Tag	00-20-2
AFTO Form 781 Series	Aircraft Flight Data Records	00-20-1
DD Form 35 Series	Record Weight & Balance	1-1B-40, 1-1B-50, SR1F-15SA-5

1.3.1.2 - Deficiency Reports (DRs) shall be submitted as necessary IAW TO 00-35D-54.

1.3.1.3 - All maintenance actions shall be documented IAW AFI 21-101, TO 00-20-2 and applicable -06 code manuals. Locally devised processing of forms and workbooks may be used in lieu of AFTO Form 349. Key punch cards for AFTO Forms will be processed IAW AFI 21-101.

1.3.1.4 - The aircraft records are to be maintained as described in the WS. This includes maintaining the weight and balance record on the aircraft. The table of maintenance records includes TOs 1-1B-40, 1-1B-50 and CSTO SR1F-15SA-5.

1.3.2 - Reporting Requirements

1.3.2.1 - The SOR shall prepare the following reports as applicable.

1.3.2.1.1 - Special Delinquent Progress Report, 6-LOG-K7, IAW AFMCR 65-46.

1.3.2.1.2 - Aircraft Transfer IAW AFI 21-103.

1.3.2.1.3 - Aircraft Delivery IAW AFI 21-103.

1.3.2.1.4 - RCS 8, HAF-V39 AMREP IAW AFMCI 21-118 - DI-L-7023D.

1.3.2.1.5 - AFMC Form 200 IAW AFMCI 21-125 (C1).

1.3.2.1.6 - Reporting of F100PW220/229 Comprehensive Engine Management System (CEMS) Data.

1.3.2.1.7 - The applicable forms and records listed in Table 2 shall be used IAW the directives listed during the time the aircraft is at the SOR and just after departure to transmit data requested by this WS and TOs.

Table 2

Form Number	Form Title	Applicable Directive
AF Form 1534	Comprehensive Engine Management System (CEMS) Central Data Base (CDB) Report	00-25-254-1 and 00-25-254-2
AFTO Form 3 (via WebSAFE or other approved system)	F-15SA Inspection Tracking Record	SR1F-15SA-36
AFTO Form 22 / RC via ETIMS	Technical Order System Publication Improvement Report	00-5-1
AFTO Form 238	F-15SA Component Serialization Record	SR1F-15SA-101
AFTO Form 239	F-15SA Flight Log and Exceedance Counter Data Record	SR1F-15SA-101
AFLCMC/WWQEB	Inspection/Discrepancy Report	AFMCI 21-102 Local Form

1.3.2.1.8 - The applicable forms listed in Table 3 shall be used IAW the directives listed during the time the aircraft is at the SOR to request technical assistance, report technical data problems, and obtain general information to help process parts for delivery and storage.

Table 3

Form Number	Form Title	Applicable Directive(s)
AFMC Form 202	Nonconforming Technical Assistance Request and Reply	AFMC MAN 21-1
AFMC Form 252	Liaison Engineering Change Order (LECO)	AFMC MAN 21-1
AFMC Form 872	Packaging Requirements	AFMCI 24-201
AFMC Form 874	Time Compliance Technical Order Supply Data Requirement	AFMC MAN 21-1
DD Form 250	Material Inspection and Receiving Report	AFMAN 23-122, and/or AFI 23-101
DD Form 1348	Department of Defense (DOD) Single Line Item Requisition System Document	AFMAN 23-122, and/or AFI 23-101
DD Form 1664	Data Item Description	DODI 5000-2 AF SUP 1

1.3.3 - Technical Data

1.3.3.1 - Specific TOs, publications, and directives are specified in Section 5 of this WS (does not include CSTCTOs).

1.3.3.2 Structural repairs accomplished by the SOR shall conform to TOs SR1F-15SA-3-1, SR1F-15SA-3-2, SR1F-15SA-3-3, SR1F-15SA-3-4, SR1F-15SA-3-5, SR1F-15SA-3-6, SR1F-15SA-3-7, SR1F-15SA-3-8, 1F-15-3, 1-1A-8, 1-1A-1 or other authorized directives as specified by F-15SA Engineering.

1.3.3.3 - Replacement parts, materials, equipment and components used in the repair of the aircraft or any component of the aircraft shall be those authorized in approved publications. Any substitution shall be approved by appropriate F-15SA engineers at the SPO.

1.3.3.4 - Engineering and maintenance procedures not covered by specific TOs shall conform to the following general TOs: TO 1-1-3 Preparations, Inspections and Repair of Fuel Cells, TO 1-1-8 Applications of Organic Coatings, Aerospace Equipment, TO 1-1-689 Corrosion Prevention & Control, Comprehensive Engine Management System

(CEMS) Equipment, TO 1-1-691 Aircraft Weapons Systems Cleaning and Corrosion Control, TO 1-1A-1 General Manual for Structural Repair, TO 1-1A-8 Aircraft Structural Manual, TO 1-1A-9 Aircraft Metals, TO 1-1A-12 Maintenance and Repair of Plastics, TO 1-1A-14 Installation Practices for Electric and Electronic Wiring, TO 1F-15A-2-00-WD-20-1 General Wiring and Repair Procedures.

1.3.3.5 - Anti-friction bearings removed for maintenance shall be maintained IAW TOs 44B-1-2, 44B-1-3 and 44B-1-102.

1.3.3.6 - Identification, inspection, installation and replacement of flexible/rigid hose and fittings shall conform to applicable basic TOs or instructions of TOs 1-1A-1, 1-1A-8, 44H3-1-3 and 42E1-1-1.

1.3.3.7 - Obtain and use approved torque values and safety methods from the applicable JGs, -3 series CSTOs or TO 1-1A-8.

1.3.3.8 - Aircraft weight and balance is specified in TO SR1F-15SA-5. Qualification of weight and balance personnel shall be IAW TO 1-1B-50.

1.3.3.9 - If welding is required, personnel shall be qualified IAW SAE-AMS-1595. Ref AFI 21-105 and TO 00-25-252.

1.3.3.10 - Inspection, test and replacement of vibration isolators (other than engine mounts) shall conform to TO 1-1-19.

1.3.3.11 - Fluids, fuel, oil, grease and paint compounds used shall conform to specifications in TOs for this aircraft.
1.3.3.12 - Inspection, installation, and repair of electrical wiring, conduits, and connectors not specifically covered in the Basic Maintenance Instruction Manuals shall conform to TO 1-1A-14 and TO 8-1-1.

1.3.3.13 - The issue, storage, acceptance, and installation of synthetic rubber parts and other dated items shall be IAW TO 00-20K-1 and the Stock Number Users Directory (SNUD), as applicable. If time replacement interval conflicts between TO 00-20K-1 and SNUD, SNUD shall take precedence.

1.3.3.14 - The ACES II seat and cartridge/propellant actuated items of the emergency egress system shall be removed/installed by certified egress personnel IAW the basic TO 13A5-56-11 and AFI 21-112. Explosive components shall be stored IAW TO 11P3-1-7 and AFMAN 91-201.
NOTE
The cartridge/propellant actuated device items of the emergency egress system shall be removed/installed by qualified egress personnel. Personnel handling explosive components will be qualified IAW AFI 21-112.

1.3.3.15 - Maintain landing gear wheel brakes IAW TOs 4B-1-1 and 4B-1-32.

1.3.3.16 - Aircraft wheels shall be maintained IAW the basic TO and TO 4W-1-61.

1.3.3.17 - Servicing, removal, installation and replacement of tires shall be IAW the basic TO and TO 4T-1-3.

1.3.3.18 - Hydraulic fluid used for servicing the aircraft and in-ground/test equipment shall conform to either MIL-PRF-5606H or MIL-PRF-83282D, as applicable.

1.3.3.19 - Nondestructive Inspection (NDI) methods (TO 33B-1-1 and CSTO SR1F-15SA-36) shall be utilized when:

1.3.3.19.1 - Directed by TOs or this WS, where instructions are not stated in CSTO SR1F-15SA-36.

1.3.3.19.2 - Questionable visual indications of defects are noted.

1.3.3.19.3 - Parts are reworked in any way that could adversely affect the quality of parts such as routing, welding, machining, plating, grinding, heat treating, etc.

1.3.3.20 - Clean and treat transparent surfaces, canopies and windshield IAW the basic TO and TO 1-1A-12.

1.4 – Security

1.4.1 - The SOR shall comply with the security requirements of the Performance Work Statement (PWS) and Standard Operating Procedures (autos).

1.5 - Quality Control Requirements

1.5.1 - The SOR inspection system shall be IAW AFMCI 21-108.

1.6 - Condemnation & Repair

1.6.1 - The SOR shall not repair items where the cost of parts and labor exceeds 75 percent of the replacement cost of the items IAW TO 00-20-3 unless directed by the PM AND COR.

1.6.2 - The SOR shall have prior approval of the PM AND COR before taking condemnation action.

1.6.3 - All items condemned that contain precious metals/critical alloys and/or all precious metals/critical alloys bearing scrap shall be turned in to the nearest Defense Property Disposal Office in accordance with DOD 4160.21M, Chapter XVIII unless other specific instructions are furnished by the PM AND COR. Part numbers of precious metal/critical alloys such as beryllium, cobalt, nickel, titanium and tungsten are identified in TO 00-25-113.

1.6.4 - The SOR shall not inspect, repair, or recondition expendable parts if the combined parts and labor are equal to or exceed 75% of the Defense Logistics Agency (DLA) unit price.

1.6.5 - When a replacement part or authorized substitute is not available from any source, including local manufacture, in a timely manner resulting in aircraft flow slippage, the SOR shall submit a Nonconformance Report (NCR) to allow engineering evaluation of alternative parts and/or repair via AutoTAR or AF-PLM ETAR.

1.6.6 - If a replacement part requirement is filled outside the normal supply channel i.e. AutoTAR or AF-PLM ETAR, local purchase, local manufacture, etc. the SOR shall submit a Demand History Allocation (DHA) and notify the source of supply IAW AFMCI 21-129, AFMCI 21-130 and AFMCI 21-133.

1.7 - Accessory and Component Reuse, Repair and Replacement

1.7.1 - Accessories and components removed solely for work accessibility shall not be replaced or routed for repair but shall be reinstalled on the aircraft.

1.7.2 - All removed parts and components held for reinstallation shall be inventoried, identified (tagged) with the aircraft serial number, protected, and properly stored to prevent damage and/or loss.

1.7.3 - When inspection, operational check or bench check reveals that an item is defective and intermediate level maintenance will not correct the defect, accessories and components will be replaced with serviceable items. In the event serviceable accessories or components cannot be provided in sufficient time to avoid work stoppage, the SOR may overhaul repairable accessories or components only to the extent required to prevent work stoppage, providing such overhaul or repair is within the maintenance capability and is approved by the PM AND COR.

1.7.4 - Initial local manufacture (LM) items will not be manufactured and cost charged to aircraft without approval of the PM AND COR. Recurring LM items will be IAW G005M System.

1.7.5 - Extreme caution must be taken during reinstallation of connections and cannon plugs to insure that the connections are not damaged.

1.7.6 - Only "A" conditioned assets will be installed on all aircraft. Any deviations will be assessed and require authorization from F-15SA Engineering.

1.8 - Fuel Tank Storage/Preservation

1.8.1 - All drained fuel cells and external and internal tanks shall be treated for storage IAW TO 1-1-3, CSTO SR1F-15SA-17, and the basic TO.

1.8.2 - Temporary outside storage of aircraft and external tanks shall be IAW TO 1-1-17 and CSTO SR1F-15SA-17.

1.8.3 - Turbo-jet oil and lubricating oil drained for any reason shall not be reused and shall be disposed of as administratively condemned property IAW TO 42B2-1-3. If there is a hydraulic purifier available, purify the hydraulic fluid for reuse. Otherwise, discard IAW TO 42B2-1-3.

1.8.4 - Engines which are to be shipped to another location will be preserved and prepared for shipment IAW TO 2J-1-18 and CSTO SR1F-15SA-17.

1.9 - Other

1.9.1 - Tab B Maintenance Compression Requirements

1.9.1.1 - Scope

1.9.1.1.1 - This Tab B establishes the maintenance compression requirements for F-15SA aircraft in the event maintenance compression is directed by the System Program Office (SPO) Director. A current detailed plan will be maintained by the SOR. The plan is used to accelerate the shift of work or personnel immediately and shall replace the WS. Plans will be submitted to F-15SA Engineering for evaluation.

1.9.1.1.2 - The aircraft shall be prepared for delivery to the owning RSAF Wing to an operational status according to the requirements outlined herein.

1.9.1.1.3 - The requirements outlined herein shall be complied with for the duration that the maintenance compression is in effect.

1.9.1.1.4 - Replace defective components, unless only minor repair is necessary.

1.9.1.1.5 - Cannibalization will be from aircraft requiring excessive work only.

1.9.1.1.6 - Aircraft shall be processed under one of the following conditions below to permit expedited delivery to the owning RSAF Wing as soon as possible (earliest possible date after induction).

1.9.1.1.6.1 - Condition "A": Aircraft in flight test status/outgoing that is painted.

1.9.1.1.6.2 - Condition "B": Aircraft incoming for shop work that are determined (by examination of the aircraft forms) to be in flyable status will be returned to service (turn around) after compliance with the work detailed below for Condition "B" aircraft.

1.9.1.1.6.3 - Condition "C": Aircraft that can be removed and "buttoned up" from initial PDM cells/stations (in work 4 to 6 workdays) with engines installed and basically satisfactory with minor expenditure of manhours.

1.9.1.1.6.4 - Condition "D": Aircraft in final PDM cells/gates/stations (after fuel system check with engines installed).

1.9.1.1.6.5 - Condition "E": Aircraft requiring major modification (including those in PDM flow already undergoing modification and those in permanent storage).

1.9.1.1.7 - Every effort shall be expended to accomplish required work and delivery of the aircraft to the RSAF in the order of condition listed above. Aircraft requiring the least amount of work shall be processed first.

1.9.1.1.8 - The AF Forms 2691 and 2692, Air Force Technical Order (AFTO) Form 95 and AFTO Form 781 series for the work accomplished shall be maintained and completed IAW Technical Order (TO) 00-20 series. An entry shall be made under remarks on AFTO Form 95 to indicate that the aircraft was processed IAW Maintenance Compression work requirements. All systems that are authorized to be inoperative shall be listed on AFTO Form 781 as inoperative.

1.9.1.1.9 - All other aircraft records, forms and publications shall be brought up to date, unless otherwise directed, and shall be returned with the aircraft. For identity of other forms and applicable directives related thereto refer to WS, Section I, paragraph 1.3.1.

1.9.1.1.10 - To provide a combat ready weapon system, aircraft systems/subsystems must be operational IAW the requirements of the Minimum Essential Subsystem List (MESL) provided in the appropriate AFI 21-103 supplement addendum.

1.9.1.2 - Specific Work Requirements

1.9.1.2.1 - Aircraft Condition "A"

1.9.1.2.1.1 - Accomplish preflight and Postflight inspections IAW applicable TOs and correct SOF discrepancies prior to delivery of the aircraft to the using RSAF Wing.

1.9.1.2.2 - Aircraft Condition "B"

1.9.1.2.2.1 - Review the aircraft maintenance records to determine the status and flying condition of the aircraft.

1.9.1.2.2.2 - Accomplish preflight and Postflight inspections IAW applicable TOs and correct SOF discrepancies and

Red X items revealed during inspection or examination of the records prior to delivery of the aircraft to the using RSAF Wing.

1.9.1.2.3 - Aircraft Condition "C"

1.9.1.2.3.1 - Reinstall all removed components IAW applicable TOs and visually inspect all affected areas before aircraft close.

1.9.1.2.3.2 - Perform fuel system pressure check IAW applicable TOs. NOTE: The aircraft should be completely reassembled and be in Condition "D" status.

1.9.1.2.3.3 - Aircraft Condition "D"

1.9.1.2.3.4 - Rig and operationally check landing gear, wheel brakes, aileron, rudder, stabilator, and flaps IAW applicable TOs.

1.9.1.2.3.5 - Perform fuel system leak/operational check IAW applicable TOs

1.9.1.2.4 - Aircraft Condition "E"

1.9.1.2.4.1 - When compression action is directed, a repair status of the aircraft must be conducted to determine the major repair tasks that must be fully accomplished while others may be curtailed or omitted. Technical assistance in evaluation of repair requirements can be obtained from F-15SA Engineering.

1.9.1.3 – Aircraft Finishing

1.9.1.3.1 - Aircraft in Conditions "A", "C", "D", and "E".

1.9.1.3.1.1 - Inspect interior of aircraft and remove all loose debris, such as: filings, chips, loose hardware, etc..

1.9.1.3.1.2 - Apply aircraft insignia and call letters conforming with TOs 1-1-8 and CSTO SR1F-15SA-23, if removed. Touch-up if illegible. No other markings shall be required unless otherwise directed.

1.9.1.3.2 - Aircraft in Condition "B" (Turnaround) shall be returned as received.

1.9.1.3.3 - Weight and Balance

1.9.1.3.3.1- Weigh aircraft and complete the weight and balance records IAW the provisions in CSTO SR1F-15SA-5 and TO 1-1B-50 only when work accomplished affects weight and balance, when weighing of aircraft is necessary to ensure SOF, or when requested on an AFTO Form 103 and approved.

1.9.1.4 - Flight Test and Government Acceptance

1.9.1.4.1 - Aircraft in Conditions "A", "C", "D", and "E" shall have the following accomplished:

1.9.1.4.1.1 - If applicable, depreserve engines IAW TO 2J-1-18.

1.9.1.4.1.2 - If applicable, service all systems IAW applicable TOs.

1.9.1.4.1.3 - Accomplish a preflight launch and end of runway inspection IAW applicable TOs. Correct all discrepancies determined to affect SOF.

1.9.1.4.1.4 - Due to work assignment (Condition "A" through "E") of the aircraft, flight testing of each aircraft shall be as determined by the SPO. The SPO shall determine whether to utilize RSAF flight test pilots or pick-up pilots to accomplish flight testing as circumstances dictate. The SPO shall also determine if the pick-up pilot can perform the test flight in the local area and continue to their destination if the aircraft is determined to be satisfactory.

1.9.1.4.1.5 - Accomplish thru-flight inspection IAW applicable TOs. Correct all discrepancies determined to affect SOF.

1.9.1.4.1.6 - The inventory referenced in AFI 21-103 shall be held to MINIMUM combat readiness essentials on Conditions "A", "C", "D", and "E" aircraft. Every effort shall be made to accomplish inventory at the same time until flight inspection is accomplished. Aircraft in Condition "B" shall not require inventory when they do not go into shops for maintenance and modification.

1.9.1.4.2 - Aircraft in Condition "B" shall not normally be test flown unless work performed falls under the provisions of TO 1-1-300 and SR1F-15SA-6.

1.9.1.5 - Technical Orders and Other AF Directive Requirement

1.9.1.5.1 - Immediate Action CSTCTOs shall be accomplished as applicable to Condition "A", "B", "C", "D", and "E" aircraft.

1.9.1.5.2 - Urgent Action CSTCTOs shall be accomplished as applicable to Condition "A", "C", "D", and "E" aircraft, except when the aircraft have progressed to completion and would require disassembly or constitute a delay that is contrary to the maintenance compression policy.

1.9.1.5.3 - Routine and Other CSTCTOs shall be subject to compliance only when time shall permit and when disassembly and work is to be accomplished on the item and is not cause for delaying the aircraft.

1.9.1.5.4 - Condition "B" aircraft should not be processed in work and therefore should not be delayed for CSTCTO compliance other than Immediate Action CSTCTOs directed for compliance by the SPO.

1.9.1.5.5 - Applicable regulation is AFMCI 21-118, Aircraft and Missile Maintenance Production/Compression Report (AMREP) System.

2.0 - Receipt of Aircraft at Facility

2.1 - Handling and Safety

2.1.1 - Render Safe

2.1.1.1 - Grounding for dissipation of static electricity shall be IAW TO 00-25-172.

2.1.1.2 - The following hazardous equipment shall be made safe and handled IAW cited TOs.

2.1.1.2.1 - Impulse cartridges for external stores MK-1 Mod 3, MK-2 Mod 1, ARD 446-1, and ARD 863-1 shall be removed IAW TO 11A-1-33, CSTO SR1F-15SA-33-1-2, and stored IAW TO 11A18-7-7 and AFMAN 91-201.

Personnel shall be qualified IAW AFI 23-106 and AFI 21-112.

2.1.1.2.2 - Fire extinguisher cartridges shall be removed IAW CSTO SR1F-15SA-2-26JG-20-1

2.1.1.2.3 - If the gun is installed, make safe for maintenance. Check gun, install safety pin, no ammo in gun, gun bay, and cavity of door 45. Install clearing sector tool. Reference CSTO SR1F-15SA-2-05JG-10-1.
2.1.1.2.4 - Pylons shall be de-armed, removed and stored for reinstallation IAW CSTO SR1F-15SA-2-94JG-32-1 once external tanks are removed.

2.1.1.2.5 - Dearm and make safe all munitions and explosive devices. WARNING All munitions shall be removed by the using activity prior to aircraft input. Should munitions be found aboard aircraft, the maintenance facility shall notify the PM AND COR.

2.1.1.2.6 - Transport munitions to and from approved munitions storage areas as required.

2.1.1.3 - Foreign Object Damage prevention to jet engines, tires and aircraft flight surfaces shall be IAW AFI 21-101.

2.1.1.4 - Drain/purge oxygen system IAW CSTO SR1F-15SA-2-35JG-11-1, and TOs 1F-15-3, 15X-1-1.

2.1.2 - Parking, Towing, Jacking

2.1.2.1 - The SOR shall handle, park, service, tow, dock, jack and moor aircraft IAW CSTOs SR1F-15SA-2-07JG-00-1, SR1F-15SA-2-09JG-00-1, SR1F-15SA-2-10JG-00-1, SR1F-15SA-3-1 and 1F-15-3 as required. Comply with all aircraft ground safety instructions as directed in applicable CSTOs and TOs.

2.1.2.2 - Qualification of personnel operating or moving aircraft shall conform to AFI 11-218, AFI 11-205, and AFMC Supplement 1 to AFI 11-218.

2.1.2.3 - Quality control of gaseous and liquid aviators breathing oxygen shall be IAW MIL-PRF-27210.

2.1.2.4 - Aircraft placed in hangars shall conform to the requirements specified in Appendix A, Industrial Safety and Health Requirements.

2.1.3 - Joint Oil Analysis Program

2.1.3.1 - Perform a Joint Oil Analysis Program (JOAP) sample within thirty minutes of engine shutdown after aircraft arrival IAW CSTO SR1F-1SA-2-05JG-00-2.

2.1.3.2 - Perform the lab test of the JOAP sample IAW TOs 33-1-37-1, 33-1-37-2, and 33-1-37-3.

2.1.4 – **Fuel**

2.1.4.1 - Handle and store fuel according to TOs 00-25-172, 42B-1-1, 42B1-1-1, MIL-STD-1518C and AFOSH 127-43.

2.1.4.2 - All personnel engaged in fuel system maintenance and repair shall be qualified IAW the basic TOs and TO 1-1-3.

2.1.4.3 - Defuel, purge and perform an explosive vapor level check as required to ensure the aircraft is safe for work IAW TO 1-1-3, CSTOs SR1F-15SA-2-12JG-10-2, and SR1F-15SA-2-12JG-11-1. Serviceable fuel shall be recorded on

AFTO Form 781-2 and credited to the aircraft when servicing.

2.1.4.4 - Temporary outside storage of aircraft and external tanks shall be IAW TO 1-1-17 and CSTO SR1F-15SA-17.

2.1.5 - Receiving Aircraft

2.2 - Inventory

2.2.1 - Accomplish inventory inspection IAW AFI 21-103.

2.2.2 - Remove all classified equipment and store IAW applicable CSTOs and TOs.

2.2.3 - Record and process inventory IAW CSTO SR1F-15SA-21.

2.2.4 - Loose equipment shall be inventoried, tagged with aircraft serial number, inspected and stored in a secure area and returned with the same aircraft in the condition as received. NOTE: Notify SPO of shortages and advise if command should or should not ship shortages to SOR. Shortages, except those which occur while aircraft is at the SOR shall not be made up.

2.2.5 - Manufacture metal tags for all parts removed from the aircraft to identify the parts and indicate the aircraft serial number on the tag so the reinstallation of the part may be made to the same aircraft.

2.3 – Preservation

2.3.1 - Remove and preserve engines and Jet Fuel Starter (JFS), and Fuel Flow Transmitters IAW TO 2J-1-18, CSTOs SR1F-15SA-17, SR1F-15SA-2-71JG-03-1, SR1F-15SA-2-80JG-10-1, SR1F-15SA-2-73JG-31-1, and other applicable TOs and CSTOs. Remove the AMAD driveshafts while removing the engines IAW TO SR1F-15SA-2-83JG-10-1.

2.3.2 - Turbo-jet oil and lubricating oil drained for any reason shall not be reused and shall be disposed of as administratively condemned property IAW TO 42B2-1-3. If there is a hydraulic purifier available, purify the hydraulic fluid for reuse. Otherwise, discard IAW TO 42B2-1-3.

2.3.3 - Engines which are to be shipped to another location shall be preserved and prepared for shipment IAW TO 2J-1-18 and CSTO SR1F-15SA-17.

3.0 - Work Requirements

3.1 - General Aircraft

3.1.1 – Aircraft Pre-Induction to PDM Delivery Configuration

The delivering organization shall ensure the aircraft is inducted into Program Depot Maintenance (PDM) in a de-armed and rendered safe, and structurally accessible configuration. To ensure personnel safety, prevent ordnance hazards, and provide unencumbered access to critical structural inspection zones, the aircraft shall meet the following configuration requirements prior to depot induction:

3.1.1.1 – Conformal Fuel Tanks (CFTs)

The aircraft shall be delivered “slick” with all Conformal Fuel Tanks (CFTs) completely removed (left at home station) in accordance with the applicable aircraft-specific technical data. All associated plumbing, structural hardpoints, and electrical connections shall be rendered safe, capped, and secured.

3.1.1.2 – Weapons, Munitions, and Explosive Safety
The aircraft shall be fully downloaded and strictly devoid of all live, inert, and training weapons, munitions, and explosive ordnance. The downloading and rendering safe of all weapons shall be accomplished in strict compliance with T.O. 11A-1-33 (*Handling and Maintenance of Explosives-Loaded Aircraft*) and applicable SR1F-15SA-33 series Technical Orders. Overall explosive safety compliance shall be maintained in accordance with AFMAN 91-201 (*Explosives Safety Standards*).

3.1.1.3 – Weapon Stations and Hardpoints
All weapon stations, external hardpoints, and bomb racks located on the wings and fuselage shall be completely empty. All external stores, pylons, launchers, and suspension equipment shall be removed prior to delivery.

3.1.1.4 – "Safe for Maintenance" Documentation
Prior to physical handover at the PDM facility, the delivering organization shall provide certified documentation verifying the aircraft's de-armed and rendered safe status. A "Safe for Maintenance" entry shall be documented in the active AFTO Form 781A (or digital equivalent), explicitly stating that all weapons, munitions, CFTs, and external stores have been removed and the aircraft is cleared for maintenance, in accordance with the documentation procedures outlined in T.O. 00-20-1 (Aerospace Equipment Maintenance Inspection, Documentation, Policies, and Procedures).

3.1.2 - The following inspections and maintenance shall be accomplished in accordance with appropriate technical orders and Air Force publications listed in Section 5 of this WS. The discrepancies noted because of this inspection shall be corrected to the degree which shall result in a serviceable condition. All items removed to facilitate inspection, or other reasons, shall be reinstalled unless replacement is otherwise directed. NOTE: In the event work required by this specification cannot be accomplished, contact the SPO for assistance in resolving the problem.

3.1.3 - Sealant and coating systems shall be mechanically or chemically removed in accordance with TOs 1-1-691, 1-1-8, 1-1-3, and CSTO SR1F-15SA-23 as necessary to accomplish the inspection requirements of this WS.

3.1.4 - Accomplish the following Tabs as directed by this WS.

3.1.4.1 - Accomplish Analytical Condition Inspection (ACI) when required in accordance with TAB A of this WS.

3.1.4.2 - Accomplish maintenance compression requirements when directed by the SPO IAW AFI 21-102 and AFMCI 21-118 as defined in TAB B of this WS.

3.1.4.3 - Accomplish painting IAW TAB C of this WS.

3.1.4.4 - Accomplish work requirements IAW TAB D of this WS.

3.1.4.5 - Accomplish corrosion treatment requirements in accordance with TAB E of this WS.

3.1.5 - The following shops and offices shall be maintained to support the F-15SA aircraft: Systems Shop, Sealant Shop, Oxygen/Nitrogen Shops, Lubricant Shop, Hazardous Material Handling, Tool Crib, Local Manufacture, Tire Shop and Vault. Other shops shall be supported as necessary.

3.1.6 - Install rubber protection on aircraft doors, panels, and surfaces which pose a hazard to equipment and personnel.

3.1.7 - Perform Lower Explosives Limit (LEL) check IAW CSTO SR1F-15SA-2-28GS-00-1 and TO 1-1-3 prior to beginning work on each shift.

3.1.8 - Perform explosive vapor level check IAW TO 1-1-3 on each wing leading edge through drain holes and wing tips using an R-2 combustible and toxic gas indicator or equivalent prior to applying electrical power at predock, after initial refueling and initially at functional test. If the fire safe reading contained in TO 1-1-3 cannot be obtained or if there is evidence of leakage, make repairs per applicable technical manuals.

3.1.9 - In the event special condition items (such as: hard landings, landing gear removals, operation under extremely dusty conditions, etc.) are encountered during processing of aircraft and/or listed as outstanding discrepancies on 781 forms upon receipt of aircraft, the applicable inspection requirements of CSTO SR1F-15SA-6 shall be accomplished and corrective action taken as directed by the SPO.

3.1.10 - Complete all Individual Aircraft Tracking (IAT) and CSTO SR1F-15SA-6 Section II Part B inspections below unless told otherwise. Also reference Attachment 2 for the complete list of 100% required IATs to be inspected. Input the results of all IAT and CSTO SR1F-15SA-6 Section II Part B inspection results into the Boeing BPN WebSAFE AFTO Form 3 link IAW CSTO SR1F-15SA-6. Document the repair and/or replacement actions taken with the P/N and/or hole numbers using the number system outlined in CSTO SR1F-15SA-36. If the hole numbers do not exist, provide a description of the repair location. NOTE: For aircraft stated to complete IAT when called out in CSTO SR1F-15SA-6S-xxxx, the IAT inspection shall be completed for the calendar quarters that the aircraft will be at the depot and for one quarter after delivery.

3.1.11 - Incoming repairs on accessible internal wing torque box structure, fuselage longerons, machined bulkheads or formers, and any aircraft structure with Class 1, 2, or 3 stress intensity as defined by SR1F-15-SA-3-2-( ) requires an NCR for engineering disposition except for repairs installed by CSTCTOs, which do not require a NCR for engineering disposition. In addition, FS 415 doubler repair and FS 626 bulkhead preventative repair do not require NCR submission for engineering disposition. NCRs shall also be submitted for non-standard or non-compliant CSTO SR1F-15SA-3 TO series structural repairs. Safety-of-Flight (SOF) conditions shall be corrected as determined and approved by F-15SA Engineering. Any of these incoming repairs (SOF or non-SOF) that require action will be repaired as directed by the SPO.

3.2 - Specific Work Requirements

3.2.1 - Part A Depot Maintenance

3.2.1.1 - Predock and Disassembly

3.2.1.1.1 - Aircraft (including wings) shall be subjected to a general condition inspection (visual) prior to disassembly and after depaint (especially looking in all corrosion prone areas IAW CSTO SR1F-15SA-23) to determine obvious discrepancies, deterioration (structures, inlets, paint, flight controls, landing gear, canopy, etc.) wear, tear, and cleanliness. Skins shall be inspected for cracks, buckled skins, missing or loose fasteners, and corrosion. Repair, remove and replace, or remove and route for repair as directed by the SPO those items identified as unserviceable or missing because of findings from the general condition inspection and approved for work by SPO and this WS.

3.2.1.1.2 - Prior to depainting the aircraft, document the location of loose or working fasteners on the aircraft, (including intakes) and components (wing, stabilizers, ramps, etc.). Identify all fasteners with dark residue around fastener. In some cases, the residue streaks behind the fastener. This is an indication there has been movement of the

fastener in the structure. The documentation should have the bad fasteners clearly marked (preferably a photograph with the fasteners circled). Provide all documentation to F-15SA SPO engineering. This condition must be repaired IAW CSTO SR1F-15SA-3-2. If no specific repair exists submit an NCR for engineering disposition.

3.2.1.1.3 - Install protective covers on canopies (inside and outside), L/R Engine Intake and Exhaust, Pitot Probes, Angle of Attack Probes, and tape Plenum Chamber Holes IAW applicable TOs and CSTOs.

3.2.1.1.4 - Inspect engines for Foreign Object Damage (FOD) and any other visible damage. FOD shall immediately be brought to the attention of F-15SA Planning and F-15SA SPO. Defects shall be worked that are within the capabilities of the SOR and applicable technical orders.

3.2.1.1.5 - Extend Speedbrake and install Safety Strut, P/N 68D050011-1005 IAW CSTO SR1F-15SA-2-05JG-10-1.

3.2.1.1.6 - Temporarily remove canopy IAW CSTO SR1F-15SA-2-95JG-21-2 to accommodate aft seat removal and temporarily install canopy prior to depaint. Once aircraft is depainted, remove canopy IAW CSTO SR1F-15SA-2-95JG-21-2.

3.2.1.1.7 - Remove ejection seat(s) IAW CSTO 1F-15SA-2-95JG-11-1. Ejection seats shall be transported on Ejection Seat Support Dolly, P/N 64A127J1-1.

3.2.1.1.8 - Ensure necessary components are removed from the aircraft prior to depainting the aircraft and depaint the aircraft and removed components IAW TAB C of this WS.

3.2.1.1.8.1 - Remove left and right ailerons IAW CSTO SR1F-15SA-2-27JG-11-2.

3.2.1.1.8.2 - Remove left and right aileron actuators IAW CSTO SR1F-15SA-2-27JG-11-2.

3.2.1.1.8.3 - Remove left and right flaps IAW CSTO SR1F-15SA-2-27JG-50-1.

3.2.1.1.8.4 - Remove left and right flap actuators IAW CSTO SR1F-15SA-2-27JG-50-1.

3.2.1.1.8.5 - Remove speedbrake IAW CSTO SR1F-15SA-2-27JG-60-1.

3.2.1.1.8.6 – Check horizonal stabilators for gridlock or honeycomb. If honeycomb, remove left and right horizontal stabilators IAW CSTO SR1F-15SA-2-27JG-41-2 and turn them into supply. Requisition new left and right horizontal stabilators with gridlock components. If gridlock horizontal stabilators are already installed, leave as is with no further action required.

3.2.1.1.8.7 - Remove left and right rudder/rudder drive fitting assemblies IAW CSTO SR1F-15SA-2-27JG-21-( ). Inspect rudders to determine if they are two-bolt configuration, P/N 68A240001-1019. If they are not, replace with two-bolt configuration, P/N 68A240001-1019, and rudder drive fitting.

3.2.1.1.9 - Remove the ammo drum IAW SR1F-15SA-2-94JG-50-2 to facilitate other maintenance.

3.2.1.1.10 - Remove left and right wing IAW CSTO SR1F-15SA-3-6 and transport wings to wing backshop area IAW CSTOs 1F-15-3 and SR1F-15SA-6 to complete wing maintenance. Complete an AFTO Form 238 for all removed wings, recording the wing serial number, aircraft serial number, flight hours of the aircraft and any other important information as required by this WS. Use CSTO 1F-15SA-101 for instructions on how to complete the form. Provide the

form to F-15SA Engineering within one working day of removal of the wings from the aircraft. Wings removed from Flight Data Recorder (FDR) aircraft will be marked "FDR Wing." If a wing change must be made due to long lead time parts, the new wing will be equipped with the appropriate equipment as per CSTO SR1F-15SA-3-6.

3.2.1.1.11 - Remove the radome from the aircraft IAW CSTO SR1F-15SA-3-4. Retain the radome for reinstallation.

3.2.1.1.12 - Remove glideslope antenna from the radome IAW CSTO SR1F-15SA-2-34JG-30-1.

3.2.1.1.13 - Remove left and right main landing gear (MLG) IAW CSTO SR1F-15SA-2-32JG-10-1.

3.2.1.1.14 - Remove nose landing gear (NLG) IAW CSTO SR1F-15SA-2-32JG-20-1.

3.2.1.1.15 - Remove nose landing gear drag brace IAW CSTO SR1F-15SA-2-32JG-20-2.

3.2.1.1.16 - Remove all doors, covers, and removable panels for access into areas requiring work in accordance with this WS.

3.2.1.1.17 - Remove the left and right variable ramp inlet assembly IAW CSTO SR1F-15SA-2-71JG-60-2. Turn in the first and third ramps into supply and order serviceable ramps from supply. Retain the second variable ramp for reinstallation. Depaint and paint the second variable ramp IAW CSTO SR1F-15SA-23.

3.2.1.1.18 - Remove the left and right diffuser ramps IAW CSTO SR1F-15SA-2-71JG-60-2. Turn diffuser ramps in to supply and order serviceable ramps from supply.

3.2.1.1.19 - Remove left and right Utility Hydraulic pumps IAW CSTO SR1F-15SA-2-29JG-11-2.

3.2.1.1.20 - Remove Power Control (PC) System 1 hydraulic pump IAW CSTO SR1F-15SA-2-29JG-10-1.

3.2.1.1.21 - Remove Power Control (PC) System 2 hydraulic pump IAW CSTO SR1F-15SA-2-29JG-10-2.

3.2.1.1.22 - Remove left and right Airframe Mounted Accessory Drive (AMAD) IAW CSTO SR1F-15SA-2-83JG-20-1.

3.2.1.1.23 - Remove left and right utility pump manifolds IAW TO CSTO SR1F-15SA-2-29JG-11-2.

3.2.1.1.24 - Remove Power Control (PC) System 1 pump manifold IAW CSTO SR1F-15SA-2-29JG-10-1.

3.2.1.1.25 - Remove Power Control (PC) System 2 pump manifold IAW CSTO SR1F-15SA-2-29JG-10-2.
3.2.1.1.26 - Remove left and right Integrated Drive Generator (IDG) IAW TO CSTO SR1F-15SA-2-24JG-10-1.

3.2.1.1.27 - Remove Central Gearbox (CGB) IAW TO CSTO SR1F-15SA-2-80JG-12-1.

3.2.1.2 - **Wings**

3.2.1.2.1 - Remove wings from aircraft. Complete an AFTO Form 238 for all removed wings recording the wing serial number, aircraft serial number, flight hours of the aircraft and any other important information as required by this WS. Use CSTO SR1F-15SA-101 for instructions on how to complete the form. Provide the AFTO Form 238 to F-15SA Engineering within one working day of removal of the wings from the aircraft.

3.2.1.2.2 - Visually inspect all wing to fuselage attach lug bushings at F.S. 509.5 through 626.9 for corrosion,

galling, fretting, and any other unsatisfactory conditions that may exist. Measure the inside diameters of each bushing to ensure proper sizes per CSTO SR1F-15SA-3-6 Figure 2-1.

3.2.1.2.2.1 - Replace all wing-to-fuselage pins. Enter the data for parts replaced into the Boeing BPN WebSAFE Replaced part tool link, https://bpn.boeing.com/WebSAFE-Saudi/ReplacedPart/. If all pins are not replaced, submit an NCR for engineering disposition to the SPO.

3.2.1.2.2.2 - Replace all wing-to-fuselage bolts. Enter the data for parts replaced into the Boeing BPN WebSAFE Replaced Parts Tool link, https://bpn.boeing.com/WebSAFE-Saudi/ReplacedPart/. If all bolts are not replaced, submit an NCR for engineering disposition to the SPO.

3.2.1.2.2.3 - NDI all fuselage attach lugs IAW CSTO SR1F-15SA-36. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link IAW CSTOs SR1F-15SA-6 and SR1F-15SA-101 to report that the inspection was performed and report any discrepancies and/or repair actions. Alternatively, provide the AFTO Form 3 to F-15SA SPO Engineering within 1 working day of completion of the inspections.

3.2.1.2.4 - Transport wing(s) to appropriate shop for remainder of the wing work.

3.2.1.2.5 - Refer to TAB D for wing work on wing serial numbers A24-0001 and up. Accomplish ACI on wings as necessary IAW Tab A.

3.2.1.2.5.1 - TAB D Wing Work

3.2.1.2.5.1.1 - <u>General:</u>

3.2.1.2.5.1.1.1 - The information contained in this section is not intended to be all inclusive nor to distract from procedures outlined in technical orders, specifications, standards and drawings listed in Section 5 of the WS, except where specifically noted herein.

3.2.1.2.5.1.1.2 - Repair of the wing includes all actions necessary to return them to the output configuration set forth in section 3.4.

3.2.1.2.5.1.1.3 - All major structural repairs shall be performed with wing assembly installed in the wing vertical overhaul frame. Either of the frames below are acceptable for wing maintenance:

Nomenclature	Part Number (PN)	National Stock Number (NSN)	CAGE / Company
Fixture, Aircraft Maintenance (Left Wing)	8526568-10	4920012523412	98752 / Warner Robins Air Logistics Center
Fixture, Aircraft Maintenance (Right Wing)	8526568-20	4920012523411	98752 / Warner Robins Air Logistics Center
Stand, Maintenance, Aircraft Wing (Left Wing)	RE168110001-5	4920012933425	76301 / The Boeing Company
Stand, Maintenance, Aircraft Wing (Right Wing)	RE168110001-6	4920012930205	76301 / The Boeing Company

Note: Reference CSTO SR1F-15SA-3-6 Figure 2-5 and Paragraph 2-18 for additional details on RE168110001-5 and RE168110001-6. No other fixtures, frames or holding frames shall be used for this purpose except for wing transport via wing dollies, PN XXXXXXX.

3.2.1.2.5.1.1.4 - The SOR shall inspect all leading edge and trailing edge components. All wiring, tubing, and associated components in all open areas of the wing shall be visually inspected. All defective items shall be evaluated IAW applicable tech data and repaired or replaced as required

3.2.1.2.5.1.1.5 - Any damage to the wings caused by the SOR shall be corrected by the SOR at no cost to the Government.

3.2.1.2.5.1.1.7 - Wings removed from aircraft having a Flight Data Recorder (FDR) will be marked "FDR wing" and shall be reinstalled on the aircraft they were removed from. If a wing change must be made due to long lead time parts, then the new wing will be equipped with the appropriate equipment as per CSTO SRF-15SA-3-6.

3.2.1.2.5.1.2 - Specific Work Requirements:

3.2.1.2.5.1.2.1 - The SOR shall accomplish a pressure and leak test IAW TO 1F-15-3 and Drawing 200810782. All leaks shall be permanently repaired IAW TO 1-1-3, CSTO SR1F-15SA-3-5 and SR1F-15SA-3-6.

3.2.1.2.5.1.2.2 - Permanently and legibly mark each repaired end item with the SOR identification. This identification marking shall display the SOR name, the Air Force contract number, and date of repair. The wing "Identification Data Plate" located under door 58 L/R shall be maintained. If the plate is replaced, all data, including original serial number, shall be stamped on a new plate and the wing shall be identified IAW the latest incorporated TCTO. If the data plate is missing, search the inboard trailing edge box area under door 138 L/R for a "parts installed list" to obtain the serial number and contact the F-15 Engineering. If the "identification data plate" and the "parts installed list" have different serial numbers, immediately contact F-15 Engineering.
NOTE: When reviewing ID plate under door 138(L/R) the wing serial number must contain A24-XXXX. If not, contact F-15 Engineering.

3.2.1.2.5.1.2.2.1 - Perform a fluorescent penetrant inspection of the fuel transfer holes in the intermediate spar 68A112103 and main spar 68A112105 for cracks IAW CSTO SR1F-15SA-36. Use the eddy current inspection on the two small holes with the fastener holes around them to find cracks in the structure IAW CSTO SR1F-15SA-36.

3.2.1.2.5.1.2.3 - Visually inspect all accessible hydraulic lines, actuators and hydraulic pumps, reservoirs, for defective clamps, loose fittings, and chafing IAW applicable CSTO. Repair and/or replace items as required.

3.2.1.2.5.1.2.3.1 - Replace all ST9M529 plastic and ST9M494H-T steel support clamps with an equivalent size M85052/1-xx or 9M972-xxN support clamps on all hydraulic lines.

3.2.1.2.5.1.2.3.2 - Replace all seal rings on all fuel lines, vent lines and conduits while the wing is open for work.

3.2.1.2.5.1.2.4 - Remove the inboard leading edge. Remove the outboard leading edge. Do not remove the two leading edges while connected to each other (at the same time) since this could damage the leading edges and may necessitate replacement.

3.2.1.2.5.1.2.5 - Remove the wing tips.

3.2.1.2.5.1.2.5.1 - Inspect wing tips to determine if they are gridlock wing tips, P/N 68B000. If they are gridlock

wing tips, visually inspect and repair as necessary. If the wing tips are honeycomb, replace with gridlock wing tips, P/N 68B117000-101 L/H or 68B117000-102 R/H. If no gridlock wing tips are available, contact F-15 Engineering for disposition.

3.2.1.2.5.1.2.6 - Accomplish the following to prepare the wing for work in the overhaul frame.

3.2.1.2.5.1.2.6.1 - Transport the wing from the aircraft to the wing shop.

3.2.1.2.5.1.2.6.2 - Cap all plumbing. Store all loose plumbing in proper location within the parts cabinet.

3.2.1.2.5.1.2.6.3 - Temporarily install all major torque box skin panels by installing every 5th fastener. Temporarily install the trailing edge panels.

3.2.1.2.5.1.2.6.4 - Secure the leading-edge assembly to the wing for transport to the building housing the vertical overhaul frame.

3.2.1.2.5.1.2.6.5 - Install the wing in the wing overhaul frame, RE1681100001 or the modified overhaul frame IAW TO 1F- 15E-3-6.

3.2.1.2.5.1.2.6.6 - Remove the temporarily installed skin panels and visually inspect the wing (shakedown) for obviously damaged parts and for existing repairs.

3.2.1.2.5.1.3 - The following work shall be accomplished on all wings except as noted.

3.2.1.2.5.1.3.1 - Remove the upper inboard forward and aft torque box skins to gain access for accomplishing inspections required by this WS.

3.2.1.2.5.1.3.2 - Inspect the main spar fuel vent hole IAW CSTO SR1F-15SA-36. Removal of fuel line tubing may be required to access the hole. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link.

3.2.1.2.5.1.3.2.1 - Perform a fluorescent penetrant inspection of the fuel transfer holes in the main spar 68A112105 for cracks IAW CSTO SR1F-15SA-36. Use the eddy current inspection on the two small holes with the fastener holes around them to find cracks in the structure IAW CSTO SR1F-15SA-36.
NOTE: Enter the required information on the Boeing BPN WebSAFE AFTO Form 3 Link signifying completion of inspections during PDM. Annotate wing AFTO Form 95 with the following: "Holes were inspected by fluorescent penetrant _____ (date)". Also annotate the findings.

3.2.1.2.5.1.3.3 - Inspect the wing to fuselage attach lugs IAW CSTO SR1F-15SA-36. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link IAW CSTOs SR1F-15SA-6 and SR1F-15SA-101 to report any discrepancies and/or repair actions.

3.2.1.2.5.1.3.4 - Visually inspect the inboard torque box ribs upper and lower caps and webs for cracks.

3.2.1.2.5.1.3.4.1 - Replace or install applicable repairs from CSTOs SR1F-15SA-3-2 and/or SR1F-15SA-3-6 as required or obtain repair/replacement disposition from F-15SA SPO Engineering.

3.2.1.2.5.1.3.5 - NDI the upper caps of kick ribs, P/N 68A122117, 68A122118, 68A122119 and the upper caps of the following ribs, P/N 68A122146, 68A122147, and 68A122148 for cracks IAW CSTO SR1F-15SA-36. Repair

and/or replace as required. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link for repair and/or replacement actions.

3.2.1.2.5.1.3.5.1 - Inspect pylon support fitting (Rib). If fitting is not a titanium support fitting (Rib), remove and replace with new titanium support fitting (Rib), P/N 68A112122-2017 L/H or 68A112122-2018 R/H, IAW CSTO SR1F-15SA-3-2-( ) and Drawing 200911681.

3.2.1.2.5.1.3.6 - Perform Second Generation Spar Repair, if applicable, to repair wing spar cracks IAW CSTO SR1F-15SA-3-6. Enter the required information on the Boeing BPN WebSAFE AFTO Form 3 Link for repair and/or replacement actions.

3.2.1.2.5.1.3.6.1 - NDI the main and intermediate spars upper and lower flanges IAW the typical techniques in TO SR1F-15SA-36. NDI the inboard end of the intermediate and main spars around the second-generation repair for cracks. Enter the required information on the Boeing BPN WebSAFE AFTO Form 3 Link with the appropriate information and forward to F-15SA SPO Engineering within 10 working days of completion of the inspections.

3.2.1.2.5.1.3.6.2 - If cracks are found and/or the second-generation spar repair will not clean up the damaged holes, contact F-15SA SPO Engineering for disposition. Replace main and/or intermediate spars with new spars when disposition requires.

3.2.1.2.5.1.3.6.3 - NDI the left/right inboard torque box skins at risers IAW the typical techniques in CSTO SR1F-15SA-36. If cracks are found, contact F-15SA SPO Engineering for disposition.

3.2.1.2.5.1.3.6.4 - NDI the left/right inboard torque box upper aft skin, P/N 68A112223, for cracks in fastener holes along rear spar from the closure rib to XW 110 (CSTO SR1F-15SA-36). Complete AFTO Form 3 (in Web Safe or other approved system) IAW CSTOs SR1F-15SA-6 and SR1F-15SA-101 to report that IAT 60 inspection was performed and report any discrepancies and/or repair actions.

3.2.1.2.5.1.3.7.1 - If the inboard panel already has the riser run out repair and the wing has foam removed, then remove the existing repair, clean skin area, and anodize skin IAW MIL-A-8625, Type II, Class I. Walnut Hull Blast riser parts IAW TO 1-1-691, Anodize riser parts IAW MIL-A-8625, Type II, Class I, and reinstall riser parts IAW CSTO SR1F-15SA-3-6 and 68R092051.

3.2.1.2.5.1.3.8 - Wing foam removal and installation.

3.2.1.2.5.1.3.9 - Remove and install the main toque box wing foam IAW CSTOs SR1F-15SA-3-5 and SR1F-15SA-3-2-( ).

3.2.1.2.5.1.3.9.1 - Remove the upper trailing edge skins P/N 68A113137.

3.2.1.2.5.1.3.9.2 - Remove and install inboard leading-edge foam IAW CSTO SR1F-15SA-3-2-( ).

3.2.1.2.5.1.3.9.3 - Visually inspect the inboard trailing edge ribs for cracks.

3.2.1.2.5.1.3.9.4 - Remove, replace and/or repair cracked ribs IAW CSTO SR1F-15SA-3-2-( ) as required. If damage is beyond TO limits, request assistance from F-15SA SPO engineering for disposition. Remove and replace the inboard trailing edge box as an assembly only as directed by F-15SA SPO Engineering.

3.2.1.2.5.1.3.9.5 - Install the upper trailing edge skins P/N 68A113137.

3.2.1.2.5.1.3.10 - Inspection of the lower aft torque box skin, P/N 68A112111, and inboard lower forward torque box skin, P/N 68A112110.

3.2.1.2.5.1.3.9.2 - NDI Inboard lower forward torque box skin.

3.2.1.2.5.1.3.9.3 - Inspect the inboard lower forward torque box skin, P/N 68A112110, IAW CSTO SR1F-15SA-36. If damage is beyond TO limits, repair or replace IAW appropriate Tech Data.

3.2.1.2.5.1.3.11 - Visually inspect flap linkage and supports for wear, loose fasteners, cracked brackets, corrosion and any unsatisfactory condition.

3.2.1.2.5.1.3.11.1 - Remove and replace flap linkages as required.

3.2.1.2.5.1.3.11.2 - Remove the inboard trailing edge flap hinges IAW CSTO SR1F-15SA-3-2-( ) to facilitate inspection of the inboard flap beam. Inspect the inboard trailing edge flap hinges for damage IAW CSTO SR1F-15SA-3-2-( ) and SR1F-15SA-36. If damage exceeds TO limits, repair or replace IAW appropriate Tech Data.

3.2.1.2.5.1.3.11.3 - Inspect Flap Beam, P/N 68A113134, IAW CSTOs SR1F-15SA-3-2-( ) and SR1F-15SA-36. If damage is beyond TO limits, replace Flap Beam as required.

3.2.1.2.5.1.3.11.4 - Remove and reinstall center flap hinge IAW CSTO SR1F-15SA-3-2-( ) to facilitate removal of damaged flap beam, P/N 68A113134.

3.2.1.2.5.1.3.11.5 - Remove and reinstall outboard flap hinge IAW CSTO SR1F-15SA-3-2-( ) to facilitate removal of damaged flap beam, P/N 68A113134.

3.2.1.2.5.1.3.12 - Inboard leading-edge inspections.

3.2.1.2.5.1.3.12.1 - Visually inspect inboard leading-edge skin and ribs for cracks.

3.2.1.2.5.1.3.12.2 - Repair and/or replace ribs and/or skin as required.

3.2.1.2.5.1.3.12.3 - Remove and visually inspect anti-collision lights on each wing for serviceability, corrosion, loose brackets and connectors.

3.2.1.2.5.1.3.12.4 - Repair and/or replace the anti-collision lights as necessary.

3.2.1.2.5.1.3.13 - Remove the outboard torque box skin IAW CSTO SR1F-15SA-3-6.

3.2.1.2.5.1.3.14 - Remove and replace outboard torque box ribs, P/N 68A115102, 68A115104, 68A115142, and 68A115103 with new thicker ribs. Remove Surge Box Rib P/N 68A115154 to facilitate XW172 aft rib replacement. Clean, re-seal, and install IAW TO's after rib installation. Use new nut strips/inserts (Do not re-use old nuts). Enter the required information on the Boeing BPN WebSAFE AFTO Form 3 Link for repair and/or replacement actions.

3.2.1.2.5.1.3.14.1 - If new beefed up ribs have already been installed, inspect the ribs visually for cracks in the upper flange and web areas and around fastener holes.

3.2.1.2.5.1.3.15 - NDI the upper and lower flanges on the front spar, P/N 68A112101, the inboard rear spar, P/N

68A112107, and the outboard rear spar, P/N 68A115101, for cracks and corrosion IAW CSTO SR1F-15SA-36, especially the area between wing station XW188 to XW224. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link to report that the inspections were accomplished and report any repair and/or replacement actions.

3.2.1.2.5.1.3.15.1 - This paragraph is not active.

3.2.1.2.5.1.3.15.2 - If cracks and/or corrosion are found in the front spar, contact F-15SA SPO Engineering for repair or replacement instructions.

3.2.1.2.5.1.3.15.3 - Perform the NDI of the rear inboard and outboard spars. All sealant must be removed from faying surfaces and all nut plates must be removed except for the inboard lower injection fasteners.

3.2.1.2.5.1.3.15.4 - If cracks and/or corrosion are found in the rear inboard or outboard spars, contact F-15SA SPO Engineering for repair or replacement instructions.

3.2.1.2.5.1.3.14.6 - For the front spar, P/N 68A112101, all existing gang channel and nut plates in the upper flange where no mating substructure exists are to be replaced at PDM with the appropriate Force-Tec retainers. In both new and existing structure, all Hi-Lok locations in the upper flange where no mating substructure exists are to have Force-Tec retainers installed at PDM and Hi-Loks are to be replaced with screws IAW CSTO SR1F-15SA-3-1. Plug existing tack rivet holes with rivets called out in Drawing 68A112101 at each location. Refer to CSTO SR1F-15SA-3-1 for Force-Tec retainer selection and installation procedures. Ensure Force-Tec retainers do not protrude into the sealant channel.

3.2.1.2.5.1.3.14.7 - For the inboard rear spar, P/N 68A112107, all existing gang channel and nut plates in the upper flange where no mating substructure exists are to be replaced at PDM with the appropriate Force-Tec retainers. In both new and existing structure, all Hi-Lok locations in the upper flange where no mating substructure exists are to have Force-Tec retainers installed at PDM and Hi-Loks are to be replaced with screws IAW CSTO SR1F-15SA-3-1. Plug existing tack rivet holes with rivets called out in Drawing 68A112106 at each location. Refer to CSTO SR1F-15SA-3-1 for Force-Tec retainer selection and installation procedures. Ensure Force-Tec retainers do not protrude into sealant channel. Force-Tec retainers are not to be installed inboard of double fastener row section of flange.

3.2.1.2.5.1.3.14.8 - For the outboard rear spar, P/N 68A115101, all existing gang channel and nut plates in the upper flange where no mating substructure exists are to be replaced at PDM with the appropriate Force-Tec retainers. In both new and existing structure, all Hi-Lok locations in the upper flange where no mating substructure exists are to have Force-Tec retainers installed at PDM and Hi-Loks are to be replaced with screws IAW CSTO SR1F-15SA-3-1. Plug existing tack rivet holes with rivets called out in Drawing 68A115109 at each location. Refer to CSTO SR1F-15SA-3-1 for Force-Tec retainer selection and installation procedures.

3.2.1.2.5.1.3.16 - Outboard Main Spar replacement with a new spar. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link to report that the spar was replaced.

3.2.1.2.5.1.3.16.1 - NDI outboard main spar upper and lower flanges and lower skin from wing station XW155 to XW224 for cracks and/or corrosion IAW CSTO SR1F-15SA-36. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link to report that the inspections were accomplished and report any repair and/or replacement actions.

3.2.1.2.5.1.3.16.2 - If corrosion is found, then remove the outboard main spar, chemical strip IAW TO 1-1-8, Bead Blast IAW TO 1-1-691, Anodize IAW MIL-A-8625 Type II, Class 1, and reprime the spar IAW CSTO SR1F-15SA-23 and TO 1-1-8. If the spar is serviceable reinstall.

3.2.1.2.5.1.3.16.3 - If the outboard main spar rework causes a thin web condition and/or the cracks cannot be removed, replace the spar as directed by F-15SA SPO Engineering.

3.2.1.2.5.1.3.17 - XW224 closure rib inspection.

3.2.1.2.5.1.3.17.1 - Remove and inspect closure rib, P/N 68A125105 for cracks IAW CSTO SR1F-15SA-36.

3.2.1.2.5.1.3.17.2 - If closure rib is found to be cracked, replace the rib. Replace all nut strips/inserts and nutplates with new items. Do not reuse old nuts. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link for repair and/or replacement actions.

3.2.1.2.5.1.3.17.3 - For the closure rib, P/N 68A115105, all existing gang channel and nut plates in upper and lower flanges are to be replaced at PDM with the appropriate Force-Tec retainers. Plug existing tack rivet holes with rivets called out in Drawing 68A115110 at each location. Force Tec retainers are to be installed in new structure where gang channel and nut plates are called out. Refer to CSTO SR1F-15SA-3-1 for Force-Tec retainer selection and installation procedures. This does not apply to 68A115105-2007/-2008/-2017/-2018/-2041/-2042.

3.2.1.2.5.1.3.18 - Inspect wing station XW155 torque box ribs around the forward and aft tooling holes for cracks IAW TO 1F-15C-36. Replace all nut strips/inserts and nutplates with new items. Do not reuse old nuts. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link for repair and/or replacement actions.

3.2.1.2.5.1.3.18.1 - XW155 torque box rib rework.

3.2.1.2.5.1.3.17.1.1 - Fluorescent penetrant inspect the forward and aft tooling bosses on the inboard and outboard sides using typical procedures in CSTO SR1F-15SA-36.

3.2.1.2.5.1.3.17.1.2 - When XW 155 rib has tooling bosses which have been inspected and no cracks were found, annotate AFTO Form 95 with wing serial number that the tooling bosses were not removed. Send a copy of the write up to F-15SA SPO Engineering.

3.2.1.2.5.1.3.17.1.3 - If cracks are found, install a new XW155 torque box rib IAW CSTO SR1F-15SA-3-6.

3.2.1.2.5.1.3.17.1.4 - Inspect XW155 torque box rib for corrosion IAW CSTO SR1F-15SA-23. Remove corrosion IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.2.5.1.3.17.1.5 - Refinish bare areas IAW CSTO SR1F-15SA-23.

3.2.1.2.5.1.3.17.1.6 - If applicable, remove the lower inner splice plate, P/N 68A112164, clean and inspect for corrosion IAW CSTO SR1F-15SA-23.

3.2.1.2.5.1.3.17.1.7 - Clean inner and outer sealant channels for the XW155 lower splice straps. Inspect for corrosion and treat IAW CSTO SR1F-15SA-23.

3.2.1.2.5.1.3.17.1.8 - Prepack lower XW155 splice channels with sealant in preparation for installation of inner splice strap and XW155 torque box rib IAW CSTOs SR1F-15SA-3-5 and SR1F-15SA-23.
CAUTION: Sealant dams must be reestablished to contain injection sealant within seal grooves.

3.2.1.2.5.1.3.17.1.9 - Install splice straps and rib at XW155 IAW CSTO SR1F-15SA-3-6.

3.2.1.2.5.1.3.19 - NDI the outboard lower main torque box skins for cracks IAW CSTO SR1F-15SA-36, especially in the rib areas. Remove and replace as required.

3.2.1.2.5.1.3.20 - Visually inspect the fuel vent lines for cracks and drilled holes. Repair/replace fuel vent line as required.

3.2.1.2.5.1.3.20.1 - Inspect dive vent valve for correct part number VEAAL00001-35 / CV99-9 (interchangeable). If this part number valve is not installed, replace with part number VEAAL00001-35 / CV99-9 (interchangeable).

3.2.1.2.5.1.3.21 - While wing panels are removed and before reinstallation of the panels, a complete and thorough inspection of all wing harnesses shall be made. Inspect harnesses for proper routing and clamping, and inspect for chaffing or other damage to wire harnesses. A continuity check of each harness shall be made to ensure proper pin to pin connection. In addition, perform the following tasks.

3.2.1.2.5.1.3.21.1 - Inspection of the Radar Warning Receiver (RWR) coax cable.

3.2.1.2.5.1.3.20.1.1 – Remove and disconnect wing tip position light to inspect radar warning receiver (RWR) coax cable IAW CSTO SR1F-15SA-2-33JG-40-1.

3.2.1.2.5.1.3.20.1.2 - Inspect the RWR cable for cracks, broken insulation and corrosion on the end fittings.

3.2.1.2.5.1.3.20.1.3 - Remove damaged cables.

3.2.1.2.5.1.3.20.1.4 - Install a new serviceable cable.

3.2.1.2.5.1.3.20.1.5 – Connect and install the wing tip position light.

3.2.1.2.5.1.3.21.2 – Deleted.

3.2.1.2.5.1.3.21.3 - Fuel quantity probes inspection.

3.2.1.2.5.1.3.20.3.1 - Remove fuel quantity probes.

3.2.1.2.5.1.3.20.3.2 - Clean and inspect for corrosion and damage.

3.2.1.2.5.1.3.20.3.3 - Inspect the wiring for corrosion, wear and any unsatisfactory condition.

3.2.1.2.5.1.3.20.3.4 - Repair damaged wires as required and reinstall fuel quantity probes.

3.2.1.2.5.1.3.20.3.5 - Install the fuel quantity probes.

3.2.1.2.5.1.3.22 - Seal surge box IAW SR1F-15SA-3-5.

3.2.1.2.5.1.3.23 - Perform bolt hole eddy current inspection IAW CSTO SR1F-15SA-36 of all holes in the inboard forward and aft and outboard torque box skins. Correct all out of tolerance holes up to second oversize. If the damage will not clean up at second oversize, contact F-15SA SPO Engineering for disposition.

3.2.1.2.5.1.3.24 - Install the inboard forward and aft torque box skins.

3.2.1.2.5.1.3.25 - Visually check the outboard torque box skin to ensure it has the new fastener pattern. If it does not have the new pattern, install new outboard torque box skin with new fastener pattern and cold work the skin/rib fastener holes. After cold working the skin/rib fasteners, install the outboard torque box skin with PR1422G IAW TO 1F-15A/C-3-6. Reinstall splice plate. If splice plate is damaged beyond TO 1F-15A/C-3-2, then install new splice plate.

3.2.1.2.5.1.3.26 - Remove and replace the trailing edge ribs and spar as needed in accordance with the following.

3.2.1.2.5.1.3.26.1 - Repair XW 155 T/E rib IAW CSTO SR1F-15SA-3-2-( ) as required.

3.2.1.2.5.1.3.26.2 - If the outboard trailing edge has not been replaced with a beefed up box assembly, remove and replace the trailing edge ribs and spar as an assembly in accordance with the following. If the trailing edge box assembly is not available, then replace all repaired and/or cracked ribs as required.

3.2.1.2.5.1.3.25.2.1 - Remove the trailing edge box as an assembly.

3.2.1.2.5.1.3.25.2.2 - Visually inspect aileron linkage and supports for wear, loose fasteners, cracked brackets, corrosion and any unsatisfactory condition.

3.2.1.2.5.1.3.25.2.3 - Repair XW 155 T/E rib IAW CSTO SR1F-15SA-3-2-( ) as required.

3.2.1.2.5.1.3.26.3 - Install the new trailing edge box assembly.

3.2.1.2.5.1.3.26.4 - After completing the outer wing repair and trailing edge box replacement, mark the identification plate with an "RT" after the latest dash number of the wing. However, if the trailing edge box is not replaced and only the outboard main torque box skin and ribs are changed, then mark the identification plate with an "R".

3.2.1.2.5.1.3.27 - Visually inspect aileron linkage and supports for wear, loose fasteners, cracked brackets, corrosion and any unsatisfactory condition.

3.2.1.2.5.1.3.27.1 - Remove and replace aileron linkages as required.

3.2.1.2.5.1.3.28 - Inspect outboard leading-edge skin and rib for cracks. Replace cracked skins except for skins 68A118100, dash numbers 2015 through 2020. If these skins are cracked beyond repair limits in CSTO SR1F-15SA-3-2-( ), then replace the outboard leading-edge assembly. Remove and replace the outboard leading-edge skin and/or ribs as required.

3.2.1.2.5.1.3.29 - Perform the following closing work to prepare the wing for return to the aircraft.

3.2.1.2.5.1.3.29.1 - Remove the wing from the vertical overhaul frame and install the wing on the wing transportation dolly.

3.2.1.2.5.1.3.29.2 - Complete any electrical repairs and comply with any outstanding CSTCTO's as required.

3.2.1.2.5.1.3.29.3 - Pressure check the plumbing and prepare the wing for transportation to the aircraft.

3.2.1.2.5.1.3.29.4 - For wings requiring cold working of the fuselage lugs (new spars require cold working), transport the wing to the wing ream frame and install. Install the bushings and ream to appropriate size.

3.2.1.2.5.1.3.30 - Injection seal the inboard wing panels IAW CSTO SR1F-15SA-3-5.

3.2.1.2.5.1.3.31 - Install wing tip.

3.2.1.2.5.1.3.32 - Install the wing outboard leading edge.

3.2.1.2.5.1.3.33 - Install the wing inboard leading edge.

3.2.1.2.5.1.3.34 - Install the internal damping tape to the outboard wing sections in accordance with CSTO SR1F-15SA-3-2-( ).

3.2.1.2.5.1.3.35 - If incoming honeycomb wing tip must be reinstalled, Install the wing tip strap repair kit in accordance with CSTO SR1F-15SA-3-6.

3.2.1.2.5.1.3.36 - Inspect outboard trailing edge closure spar, P/N 68A116109, transducer hole area using eddy current and dye penetrant inspections to determine the existence and/or length of any cracks. If cracks exist, repair IAW CSTO SR1F-15SA-3-2-1. If cracks exceed repair criteria, contact F-15SA SPO Engineering. On FDR equipped aircraft, after completion of repair, redrill hole to allow transducer arm to pass through the spar. Note: If new trailing edge box is installed, do not install repair.

3.2.1.2.5.1.3.37 - If closure spar P/N 68A116109 has been previously repaired and is found to be cracked or cracked beyond repair, replace the spar IAW CSTO SR1F-15SA-3-2.

3.2.1.2.5.1.3.38 - Left and right outboard aileron hinge inspection.

3.2.1.2.5.1.3.39 - NDI the left and right outboard aileron hinges, P/N 68A116117-2013 and -2014, for cracks using eddy current inspection to determine the existence of any cracks. Reinstall hinge/hinges if no cracks are found. If cracks exist, remove and replace aileron hinge/hinges IAW CSTO SR1F-15SA-3-2.

3.2.1.2.5.1.3.40 - Replace all damaged nutplates and gang channels as necessary.

3.2.1.2.5.1.3.41 - Drill new doors and panels to fit as needed.

3.2.1.2.5.1.3.42 - Transport wing to PDM facility for installation on aircraft.

3.2.1.2.5.1.4- Output Configuration of the Wings:

3.2.1.2.5.1.4.1 - Attachment 3.2.1.2.5.1.4.1 gives the output configuration of all C and D model wings. The basic part number of 68A110001 has been omitted to incorporate the entire table. The number A-1009 means 68A110001-1009 and a G-1085 means 68G110001-1085.

3.2.1.2.5.1.5- <u>Spare Wing Configuration</u>:

3.2.1.2.5.1.5.1 - Spare wing configuration shall be IAW CSTO SR1F-15SA-4-( ) series which shows all parts that are to be installed for spare configuration.

3.2.1.2.5.1.6- Flight Data Recorder (FDR) Aircraft:

3.2.1.2.5.1.6.1 - All SA models should have signal data recorders installed and require a rotary transducer, P/N 119501-005, Aileron position indicator rigid connecting link arm, P/N 68A116134-2001 or -2007 and Aileron position indicator rigid connecting rod, P/N 68A116134-2003 in each wing. Refer to CSTO SR1F-15SA-4-1. When changing wings, the above parts must be added to the new wing. These parts may be taken from the wing being removed or order new parts from supply.

3.2.1.2.6 - Transport wing to PDM facility for installation on aircraft.

3.2.1.2.7 - Install the wing on the aircraft IAW CSTO SR1F-15SA-3-6. Prior to installation, determine that the wings are the correct serial number for the aircraft. Record the wing serial number, aircraft serial number, flight hours and any other important information as required by this WS on AFTO Form 238 using TO 1F-15-101 for instructions. Provide the AFTO Form 238 to F-15SA SPO Engineering within 1 working day of installation of the wings on the aircraft.

3.2.1.3 - Fuselage

3.2.1.3.1 - Install variable ramps IAW CSTO SR1F-15SA-2-71JG-60-1. Painting is only required if the new ramps are not the correct color. NOTE Second stage ramps will be retained for reinstallation. Replace as required.

3.2.1.3.2 - Remove left and right Utility Hydraulic pumps IAW CSTO SR1F-15SA-2-29JG-11-2.

3.2.1.3.3 - Airframe Mounted Accessory Drive (AMAD) Mount Holes Inspection Tasks

3.2.1.3.3.1 - Visually inspect AMAD mount holes for wear, cracks, corrosion, and elongated holes. Dimensionally check holes for out-of-tolerance condition IAW CSTO SR1F-15SA-3-2-2 Fig. 4-254. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link for repair and/or replacement actions.

3.2.1.3.3.2 - Repair and/or replace damaged or out-of-tolerance AMAD mounts IAW CSTO SR1F-15SA-3-2-2.

3.2.1.3.3.3 - Install left and right AMADs IAW CSTO SR1F-15SA-2-83JG-20-1.

3.2.1.3.4 - Install left and right utility pump manifolds IAW CSTO SR1F-15SA-2-29JG-10-1.

3.2.1.3.5 - Install Power Control (PC) System 1 pump manifold IAW CSTO SR1F-15SA-2-29JG-10-1.

3.2.1.3.5.1 - Install Power Control (PC) System 2 pump manifold IAW CSTO SR1F-15SA-2-29JG-10-2.

3.2.1.3.6 - Install left and right Integrated Drive Generator (IDG) IAW CSTO SR1F-15SA-2-24JG-10-1.

3.2.1.3.7 - Central Gearbox (CGB) Mount Inspection Tasks IAW CSTO SR1F-15SA-2-80JG-12-1

3.2.1.3.7.1 - Visually inspect CGB mount holes for wear, cracks, corrosion, and elongated holes. Dimensionally check holes for out-of-tolerance condition IAW CSTO SR1F-15SA-3-2-2. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link for repair and/or replacement actions.

3.2.1.3.7.2 - Repair and/or replace damaged or out-of-tolerance CGB mounts IAW CSTO SR1F-15SA-3-2-2.

3.2.1.3.7.3 - Install Jet Fuel Starter (JFS) IAW CSTO SR1F-15SA-2-80JG-10-1.

3.2.1.3.7.4 - Install CGB IAW CSTO SR1F-15SA-2-80JG-12-1.

3.2.1.3.8 – 100% Spindle Bearing Replacement and Inspection of Support Bushings

3.2.1.3.8.1 - Replace spindle bearings 100% from supply and perform misalignment torque test of the horizontal stabilator spindle bearings IAW CSTO SR1F-15SA-3-2-2.

3.2.1.3.8.1.1 - When spindle bearing(s) is/are removed, perform visual and dimensional checks on the support bushing(s), 68A332124, IAW CSTO SR1F-15SA-3-2-2.

3.2.1.3.8.1.2 - Replace out-of-tolerance support bushings IAW CSTO SR1F-15SA-3-2-2.

3.2.1.3.9 - Replace canopy / windscreen as required. Replacement shall be accomplished using the preferred spare 68A350010-1027 IAW CSTO SR1F-15SA-4-1. Correct defects to canopy, windscreen, attaching hardware and rigging found in these areas.

3.2.1.3.10 - Fluorescent penetrant (sensitivity level 4) inspect aft center fuselage FS 626.9 bulkhead 68A324115 for cracks in lower web at BL 5.0 IAW CSTO SR1F-15SA-36. Note The Central Gearbox (CGB) and Jet Fuel Starter (JFS) must be removed. Input the results to the Boeing BPN WebSAFE AFTO Form 3 link with the results of the inspection and/or repair information and send to F-15SA SPO Engineering within 10 working days of completion of the inspection.

3.2.1.3.11 - If new P/N 68A321356-2183 bracket is not installed, replace bracket.

3.2.1.3.11.1 - Remove and inspect UHF Antenna.

3.2.1.3.11.2 - NDI UHF Antenna bracket.

3.2.1.3.11.2.1 - Inspect and treat or replace UHF antenna bracket. Visually and surface eddy current inspect bracket, P/N 68A321356, (See CSTO SR1F-15SA-3-2-( ), Fig 4-106 index 14) IAW the typical techniques prescribed in CSTO SR1-F15SA-36 and visually inspect adjoining structure for cracks.

3.2.1.3.11.2.2 - If cracks are found in bracket, replace with 68A321356-2183 bracket. During removal of the cracked bracket, surface eddy current inspect the bulkheads for cracks. If the bulkheads at either end of where the bracket mounts are cracked, contact F-15 Engineering for disposition.

3.2.1.3.11.2.3 - Alodine UHF Antenna bracket if bracket is serviceable.

3.2.1.3.11.2.4 - If bracket is cracked replace bracket.

3.2.1.3.11.3 - Reinstall UHF Antenna.

3.2.1.3.12 - Upon receipt of L/R diffuser ramps, P/N 68A327004-1009 and -1010, install on aircraft IAW CSTO SR1F-15SA-2-71JG-60-2. Painting is only required if the new ramps are not the correct color.

3.2.1.3.12.1 - Upon receipt of L/R diffuser ramps, P/N 68A327007-1001 and -1002, install on aircraft IAW CSTO SR1F-15SA-2-71JG-60-2. Painting is only required if the new ramps are not the correct

color.

3.2.1.3.13 - Per CSTO SR1F-15SA-6, replace all jettison pivot hooks during PDM.

3.2.1.3.14 - Install left and right Utility Hydraulic pumps IAW CSTO SR1F-15SA-2-29JG-11-2.

3.2.1.3.15 - Power Control System Install.

3.2.1.3.15.1 - Install Power Control (PC) System 1 hydraulic pump IAW CSTO SR1F-15SA-2-29JG-10-1.

3.2.1.3.15.2 - Install Power Control (PC) System 2 hydraulic pump IAW CSTO SR1F-15SA-2-29JG-10-2.

3.2.1.3.16 - Perform Longeron Replacement Initiative IAW CSTCTO SR1F-15SA-XXXX.

3.2.1.3.16.1 Jack, shore, and make safe aircraft for work. Remove and replace canopy still longeron (68A313171-2001 NSN 1560-01-600-0804 and 68A313171-2002 NSN 1560-01-600-0803) and associated components. Canopy sill longeron replacement depends on aircraft effectivity and usage.

3.2.1.3.16.2 Jack, shore, and make safe aircraft for work. Remove upper inboard longeron (68A321024-2055 NSN 1560-01-620-6730 and 68A321024-2056 NSN 1560-01-620-6724) and associated components. Replace upper inboard longeron (PREFERRED 68A321024-2065 and 68A321024-2067 SUITABLE SUB 68A321024-2055 NSN 1560-01-620-6730 and 68A321024-2056 NSN 1560-01-620-6724). Upper inboard longeron replacement depends on aircraft effectivity and usage.

3.2.1.3.16.3 Remove and replace stringer No. 1 (68A321028-2051 NSN 1560-01-714-1279 and 68A321028-2052 NSN 1560-01-714-1285)

3.2.1.3.16.4 Cold-work all holes in canopy sill longeron and upper inboard longeron during installation process

3.2.1.4 - Vertical Stabilizer

3.2.1.4.1 - Replace selected Vertical Stabilizers based on direction from F-15SA Engineering. If F-15SA Engineering does NOT direct replacement of the vertical stabilizers, the following inspections in paragraphs 3.2.1.4.1.1 thru 3.2.1.4.12 should be complied with. Vertical stabilizer replacement must be documented in the AFTO Form 238 and completed IAW CSTO SR1F-15SA-6 (https://bpn.boeing.com/WebSAFE/AFTO238/).
3.2.1.4.1.1 - Inspect the vertical stabilizer torque box assemblies left and right, P/N 68A230051, for water entrapment, closure cracks and disbonds IAW the following subparagraphs. Use CSTO SR1F-15SA-36 for NDI procedures and damage interpretation techniques. For special materials, use CSTO SR1F-15SA-3-5. If trapped water, skin-to-core disbonds and/or any other damage is found per the paragraphs below, contact F-15SA Engineering with an NCR for disposition. Advise F-15SA Engineering of the results of the inspection, i.e., location and amount of water found and the extent of disbond. Notification can be accomplished by NCR. These tasks should be done during the first 10 days of work. NOTE: Nutplates may not be made serviceable by retapping. Replace unserviceable nutplates IAW CSTO SR1F-15SA-3-1.

3.2.1.4.2 - Visually inspect the left and right vertical stabilizer rudder hinge fittings, hinge bearings, rudder bell crank support, and all accessible areas of the vertical stabilizer structure for cracks, corrosion, security, missing, sheared or otherwise defective fasteners, wear or any other unsatisfactory condition that may exist.

3.2.1.4.3 X-ray the left and right vertical stabilizer torque boxes, PN 68A230051, for water entrapment IAW CSTO SR1F-

15SA-36.

3.2.1.4.4 - NDI the left and right vertical stabilizer torque boxes, P/N 68A230051, for foam adhesive separation and cracks IAW TO 1F-15C-36.

3.2.1.4.5 - NDI the left and right vertical stabilizer main torque boxes, P/N 68A230051, for skin to core disbonds and delamination IAW CSTO SR1F-15SA-36.

3.2.1.4.6 – Deleted.

3.2.1.4.7 - Visually inspect left and right vertical stabilizer forward gridlock boxes, P/N 68B230100-104 for cracks, dents, loose, working, and/or fasteners pulling through the skin and other damage. Pay close attention to the forward most section directly below the 8-inch skin splice strap. Visually inspect for cracks parallel to the centerline bonded joint. Inspect with the strap installed, but look for cracks running out from underneath the strap.

3.2.1.4.8 - Visually inspect left and right vertical stabilizer lower aft gridlock boxes, P/N 68B230000-101 for cracks, dents, loose, working, and/or fasteners pulling through the skin. If loose, working, and/or fasteners pulling through the skin are discovered, contact F-15SA Engineering.

3.2.1.4.9 - Inspect upper aft box for damage. If any damage is found during inspection, repair IAW CSTO SR1F-15SA-3-2-1 and/or CSTO SR1F-15SA-3-2-2. If damage exceeds TO limits, replace with new item IAW CSTO SR1F-15SA-3-6. If no damage is found during inspection, use as is.

3.2.1.4.10 - Inspect tip assembly for damage. If loose or spinning fasteners are found, remove tip assembly, inspect holes, and rework IAW CSTO SR1F-15SA-3-6. If no cracks or other damage is found during inspection, do not remove tip assembly and use as is. NOTE Upon completion of vertical stabilizer tip work, if any bushings were installed, annotate all bushing sizes and hole locations in the aircraft AFTO Form 95. The following example illustrates the proper format that shall be used: 30 June 2002: 0.3906" bushings were installed in the LVS tip at hole locations F, H, U, and V.

3.2.1.4.11 - Inspect the left and right aft rudder fairing for installation of metal fairing, P/N 68A332182. If metal fairing is installed, replace with gridlock box rudder fairing, P/N 68B338010-103, IAW CSTO SR1F-15SA-3-2-( ). NOTE If gridlock box aft rudder fairing, P/N 68B338010-103, is installed at depot during PDM annotate AFTO Form 95 that gridlock aft rudder fairing, P/N 68B338010-103, was installed. Include date of installation, P/Ns and work accomplished, i.e. installed left, right and/or both aft rudder fairing. If aircraft is incoming with metal fairing, P/N 68A332182, installed, replace with gridlock fairing only if there are sufficient quantities of the gridlock fairing. If a gridlock aft rudder fairing, P/N 68B338010-103, is installed on the aircraft incoming check for cracks or damage. If damage is present replace. NOTE Indicate on AFTO Form 95 "Incoming with gridlock fairing.

3.2.1.4.12 - Repair vertical stabilizers IAW CSTO SR1F-15SA-3-6. If damage exceeds current CSTO SR1F-15SA-3-6 repair, contact F-15SA Engineering for disposition.

3.2.1.5 - Canopy and Windscreen

3.2.1.5.1 - Buff the canopy as required to remove damaged areas IAW CSTO SR1F-15SA-3-4.

3.2.1.5.2 - Remove and buff the windscreen as required to remove damaged areas IAW CSTO SR1F-15SA-3-4. If the windscreen cannot be returned to a serviceable status, replacement shall be accomplished using the preferred spare IAW CSTO SR1F-15SA-3-4. Correct defects to the canopy, windscreen, attaching hardware, and rigging found in

these areas. NOTE Prior to Condemnation of Windscreens an NCR shall be initiated to F-15SA Systems Engineering for inspection of asset and disposition. Should optics be questionable, contact F-15SA Systems Engineering and request optics be verified.

3.2.1.5.3 - If the phenolic strip is damaged, repair the strip IAW CSTO SR1F-15SA-3-4.

3.2.1.5.4 –If a canopy is placed in condition code F, remove all the necessary components so they can be transferred to the new canopy.

3.2.1.6 - Flight Controls

3.2.1.6.1 - Visually inspect the left and right rudder linkages for cracks, wear, corrosion, and any unsatisfactory condition.

3.2.1.6.1.1 - If damaged, remove and replace the left and/or right rudder cables as necessary IAW CSTO SR1F-15SA-2-27JG-20-2 or CSTO SR1F-15SA-2-27JG-20-1.

3.2.1.6.2 - Visually inspect the left and right horizontal stabilator linkage for cracks, wear, corrosion, and any other unsatisfactory condition.

3.2.1.6.2.1 - Visually inspect the left and right horizontal stabilator lower control cable pulleys for wear, corrosion and any unsatisfactory condition per TO 1-1A-8. If any defects are found, replace the pulleys.

3.2.1.6.2.2 - Remove the horizontal stabilator connecting link from the aircraft. Remove and replace the bushing by reaming and installing a new bushing. Return link to the aircraft for reinstallation.

3.2.1.6.2.3 - Replace the horizontal stabilator upper and lower control cables IAW CSTO SR1F-15SA-2-27JG-41-2.

3.2.1.6.3 - Inspect the Lateral/Direction Bell crank bearings as follows:

3.2.1.6.3.1 - Remove FS 281.89 upper lateral arm (27-11-51), lower lateral arm (27-11-52), and lateral torque tube IAW CSTOs SR 1F-15SA-2-27GS-00-1 and/or SR1F-15SA-2-27JG-11-2. Inspect the arms and torque tube IAW CSTO SR1F-15SA-3-8.

3.2.1.6.3.2 – Reinstall or replace damaged upper or lower lateral arms or lateral torque tube IAW CSTO SR1F-15SA-3-8.

3.2.1.6.3.3 - Inspect FS 281.89 bearings MS27642 using a mirror and flashlight looking into the bellcrank support 68A620022 from above and below for corrosion, wear and/or other defects. Manually rotate each bearing to determine if the bearings turn smoothly and easily.

3.2.1.6.3.4 - Remove FS 322.00 upper lateral arm, lower lateral arm, and lateral torque tube, 68A622005 IAW CSTOs SR1F-15SA-2-27GS-00-1 and/or SR1F-15SA-2-27JG-11-2. Inspect the arms and torque tube IAW CSTO SR1F-15SA-3-8.

3.2.1.6.3.5 - Replace damaged upper or lower lateral arms or lateral torque tube IAW CSTO SR1F-15SA-3-8.

3.2.1.6.3.6 - Inspect FS 322.00 bearings MS27642 using a mirror and flashlight looking into the bellcrank support 68A620063 from above and below for corrosion, wear and/or other defects. Manually rotate each bearing to

determine if the bearings turn smoothly and easily.

3.2.1.6.3.7 - Remove FS 327.25 upper lateral arm, lower lateral arm, and lateral torque tube, IAW CSTOs SR1F-15SA-2-27GS-00-1 and/or SR1F-15SA-2-27JG-11-2. Inspect the arms and torque tube IAW CSTO SR1F-15SA-3-8

3.2.1.6.3.8 - Replace damaged upper or lower lateral arms or lateral torque tube IAW CSTO SR1F-15SA-3-8.

3.2.1.6.3.9 - Inspect FS 327.25 bearings MS27642 using a mirror and flashlight looking into the bellcrank support at FS 327.25 from above and below for corrosion, wear and/or other defects. Manually rotate each bearing to determine if the bearings turn smoothly and easily.

3.2.1.6.3.10 - Remove FS 339.83 upper lateral arm, lower lateral arm, and lateral torque tube, IAW CSTO SR1F-15SA-2-27GS-00-1. Inspect the arms and torque tube IAW CSTO SR1F-15SA-3-8.

3.2.1.6.3.11 - Inspect FS 339.83 bearings MS27642 using a mirror and flashlight looking into the bellcrank support from above and below for corrosion, wear and/or other defects. Manually rotate each bearing to determine if the bearings turn smoothly and easily.

3.2.1.6.3.12 - Remove FS 345.89 upper lateral arm and pin, IAW CSTO SR1F- 15SA-2-27GS-00-1. Inspect the arms and torque tube IAW CSTO SR1F-15SA-3-8.

3.2.1.6.3.13 - Replace damaged upper lateral arm or pin IAW CSTO SR1F-15SA-3-8.

3.2.1.6.3.14 - Inspect FS 345.89 bearings MS27642 using a mirror and flashlight looking into the bellcrank support from above and below for corrosion, wear and/or other defects. Manually rotate each bearing to determine if the bearings turn smoothly and easily.

3.2.1.6.3.15 - Install lateral/directional torque shafts/pin IAW CSTO SR1F-15SA-2-27JG-00-1.

3.2.1.6.3.16 - Install upper and lower lateral/directional arms IAW CSTO SR1F-15SA-2-27JG-00-1.
3.2.1.6.4 - Visually inspect flap and aileron linkages and supports for wear, loose fasteners, cracked brackets, corrosion, and any unsatisfactory condition.

3.2.1.6.5 - Remove and replace flap and aileron linkages as required.

3.2.1.6.6 - <u>Rudder</u>

3.2.1.6.6.1 - Visually inspect rudders and rudder drive fittings wear, cracks, corrosion and any unsatisfactory condition.

3.2.1.6.6.2 - NDI left and right rudders for water entrapment, separation of foam adhesive, disbonds and delaminations IAW CSTO SR1F-15SA-36.

3.2.1.6.6.3 - If minor damage is found that can be repaired by procedures in CSTOs, perform the repairs.
NOTE: A rudder may be reinstalled on the original aircraft if it passes all inspections, including any post-repair inspections. If the rudder or its drive fittings are damaged beyond the scope of repairs authorized by CSTOs, or if repair would necessitate disassembly, the unserviceable components shall be turned in to supply and new items requisitioned.

3.2.1.6.7 - <u>Flap</u>

3.2.1.6.7.1 - Visually inspect the flaps for wear, cracks, corrosion and any unsatisfactory condition.

3.2.1.6.7.2 - If minor damage is found that can be repaired by procedures in CSTO SR1F-15SA-3-5, perform the repairs.
NOTE: Flaps may be reinstalled on the original aircraft following the successful completion of all inspections and authorized repairs to include post-repair inspections. However, if a flap sustains damage that is beyond the repair scope authorized by the governing CSTOs, or if the repair process requires its disassembly, the unit will be surrendered to supply. A new flap will then be requisitioned as a replacement.

3.2.1.6.8 - Aileron

3.2.1.6.8.1 - Visually inspect the ailerons for wear, cracks, corrosion and any unsatisfactory condition.

3.2.1.6.8.2 - If minor damage is found that can be repaired by procedures in CSTO SR1F-15SA-3-5, route to backshop to perform the repairs.
NOTE: Ailerons may be reinstalled on the original aircraft following the successful completion of all inspections and authorized repairs to include post-repair inspections. However, if an aileron sustains damage that is beyond the repair scope authorized by the governing CSTOs, or if the repair process requires its disassembly, the unit will be surrendered to supply. A new aileron will then be requisitioned as a replacement.

3.2.1.6.8.3 – Speedbrake

3.2.1.6.8.4 - Visually inspect the Speedbrake for wear, cracks, corrosion and any unsatisfactory condition.

3.2.1.6.8.5 - Inspect for out of tolerance bushings IAW CSTO SR1F-15SA-3-4.

3.2.1.6.8.6 - If minor damage is found that can be repaired by procedures in CSTOs, perform the repairs.
NOTE: Speedbrakes may be reinstalled on the original aircraft following the successful completion of all inspections and authorized repairs to include post-repair inspections. However, if a speedbrake sustains damage that is beyond the repair scope authorized by the governing CSTOs, or if the repair process requires its disassembly, the unit will be surrendered to supply. A new speedbrake will then be requisitioned as a replacement.

3.2.1.7 - Landing Gear

3.2.1.7.1 - Visually inspect the main and nose landing gear forward bulkhead with a 10x glass for oil canning, cracks, wear, corrosion, missing or loose fasteners and any unsatisfactory conditions. If cracks are found, install a typical repair patch in bay areas IAW applicable CSTOs.

3.2.1.7.2 - Visually inspect the main and nose landing gear, doors and linkages for wear, cracks, and corrosion IAW CSTOs SR1F-15SA-2-32JG-20-1, SR1F-15SA-3-8 section 6, and SR1F-15SA-23.

3.2.1.7.3 - Visually inspect the main and nose landing gear trunnion bushings for wear, cracks, and corrosion. Check the bushings for out-of-tolerances using micrometer methods or equivalent. Remove and replace any nose and main landing gear trunnion bushings found to be out of tolerance IAW CSTO SR1F-15SA-3-2-1 and/or SR1F-15SA-3-2-2 and SR1F-15SA-3-6.

3.2.1.7.4 - The main landing gear shall be repacked IAW CSTOs 1F-15-3 and SR1F-15SA-2-32JG-10-2, using TO 4A4-22-2/4S1-120-2 as a reference. All gear being reinstalled shall be repainted with a scuff sanding and new topcoat.

Stripping of the old paint is not required. Repair or replace defective landing gear struts IAW CSTO SR1F-15SA-2-32JG-10-1 and 1F-15-3. Repack brake swivels IAW 1F-15-3.

3.2.1.7.5 - The nose landing gear shall be repacked IAW TOs 1F-15-3 and SR1F-15SA-2-32JG-20-2, using TO 4S2-73-2/4S2-89-2 as a reference. Remove NLG steering crank during disassembly and install new 68A450610-2003 steering crank during reassembly IAW TOs 1F-15-3, 4S2-73-2, and 4S2-89-2. Repack brake swivels IAW 1F-15-3. All gear being reinstalled shall be repainted with a scuff sanding and new topcoat. Stripping of the old paint is not required.

3.2.1.7.6 - Visually inspect PC-1 circuit B aileron switching hydraulic line, P/N 68A694691-1001 (12-1001 thru 12-1013) or P/N 68A694675-1001 (12-1014 and up) for Production F-15SA, or P/N 68R693019-1001 (CUM 1-72) for Conversion F-15SR for nicks, scratches or obvious damage IAW CSTO SR1F-15SA-2-29GS-00-1. If damage is observed, replace the line IAW CSTOs SR1F-15SA-2-29GS-00-1 and SR1F-15SA-2-27JG-11-1 or SR1F-15SA-2-27JG-11-2.

3.2.1.7.7 - Upon removal of the left and right MLG and removal of the trunnion pin, record the dimensions of the trunnion pin bushing ID halfway down its length (TO 4A4-22-2, index 111 in Fig. 5-1, TO 4S1-120-2, Table 5-2 index 84). Compare to allowable limits given in Table 8-1. Note Struts must be replaced if this dimension is exceeded.

3.2.1.7.8 - Upon removal of the left and right MLG, remove the trunnion collar (index 3 in Fig. 3-11) and record the dimensions of the trunnion surface underneath. Compare to allowable dimensions given in TO 4A4-22-2, Fig. 5-1, index 119. Reference TO 4A4-22-2 Table 5-2 for landing limits, (Strut Cylinder) (At Trunnion Collar) OD: Go to Minimum Replacement Dimensions. All F-15 aircraft should have the heavy weight gear. The minimum replacement dimension for this gear is 2.7500 inches. During reassembly of the trunnion collar, check for proper fit and replace bushings as needed IAW TO 4A4-22-2, Section 6-3, paragraph i. NOTE Struts must be replaced if this dimension is below allowable minimum referred to in Table 5.2.

3.2.1.7.9 - NDI MLG trunnion pin IAW CSTO SR1F-15SA-36
paragraph 5-174. Note: If part is condemned, NDI is not required.

3.2.1.7.10 – Inspect and, if necessary, repair and/or replace defective MLG / NLG brakes IAW criteria in CSTOs SR1F-15SA-2-05JG-00-2 (05-00-16 inspection) and SR1F-15SA-2-32JG-40-3 (32-40-42 replacement).

3.2.1.7.11 - Replace defective tires and wheels if they meet criteria listed in CSTO SR1F-15SA-2-05JG-00-2.

3.2.1.7.12 - Replace the landing gear wiring harnesses IAW TO 1-1A-14, CSTOs SR1F-15SA-2-00WD-20-1, SR1F-15SA-2-32JG-10-1 (Main Gear) and SR1F-15SA-2-32JG-20-1 (Nose Gear).

3.2.1.7.13 - Verify the integrity of the landing gear wiring harnesses using the Secondary Power System Test Set (SPSTS) or equivalent IAW CSTOs SR1F-15SA-2-32GS-00-1 and SR1F-15SA-2-32FI-00-1.

3.2.1.7.14 – Deleted/Moved to 3.2.1.15.11.

3.2.1.7.15 - Replace L/R MLG Uplock Hooks IAW CSTO SR1F-15SA-2-32JG-10-3 (SSSN 32-10-22)
PN 68413001-1005 WUC 13AHC

3.2.1.8 - Hydraulic System

3.2.1.8.1 - Repair or replace faulty accumulators and/or related plumbing IAW applicable TOs.

3.2.1.8.2 – Deleted/Moved to 3.2.1.7.4.

3.2.1.8.3 - Repair all hydraulic leaks IAW applicable TOs.

3.2.1.8.4 - Visually inspect all accessible hydraulic lines for defective clamps and chaffing. Upon first application of hydraulic pressure inspect the lines, actuators, hydraulic pumps, and landing gear struts for leaks caused by faulty parts or loose fittings. Repair/replace items found to be defective to render the aircraft serviceable IAW applicable TOs. Reference CSTO SR1F-15SA-6 for inspection requirements.

3.2.1.8.5 - Perform hydraulic line and clamp replacement as follows.

3.2.1.8.5.1 - Remove clamps, blocks and grommets IAW CSTOs SR1F-15SA-2-29JG-( )-( ) and SR1F-15SA-2-29GS-00-1 from tubes listed in Table 4. Inspect tubes for damage or chafing IAW CSTO SR1F-15SA-2-29GS-00-1 for limits and replace as required.

Table 4

Utility Bay:	PC-1:	AMAD Bay:	PC-2:	Wheel Well Area:	FOHE Area:
68A691896-1003 (1)	68A693376-1001	68A691797-1001	68A693356-1001	68A693438-1001	68A693210-1001
68A692804-1001		68A693205-1001		68A693436-1001	68A693211-1001
68A691869-1005/-1007		68A693204-1001			68A693212-1001
68A691884-1003		68A691709-1009			68A693213-1001
68A691850-1001/-1003		68A691706-1009			68A693214-1001
68A691893-1001		68A693207-1003			68A693215-1001
68A691885-1001		68A691775-1005			68A693216-1001
68A691801-1003		68A693947-1001 (See Note 1)			68A693217-1001
		68A691772-1005			
		68A693976-1001 (See Note 2)			

Notes:
1. SR Conversion Model
2. SA Production Model

3.2.1.8.5.2 - Remove and reinstall PN 68A690718-1003 and 68A690719-1003 to facilitate inspection of brackets IAW CSTO SR1F-15SA-2-71JG-60-1. Reinstall lines.

3.2.1.8.5.3 - Install serviceable blocks and grommets IAW CSTOs SR1F-15SA-2-29JG-( )-( ) and SR1F-15SA-2-29GS-00-1. Replace clamps with appropriately sized M85052/1-XX clamp without grommets. Use M85052/3-XX clamps without grommets if M85052/1-XX clamps are not available.

3.2.1.8.6 - Replace defective actuators and/or related tubing including packing IAW applicable CSTOs.

3.2.1.8.7 - Replace defective reservoirs IAW applicable CSTOs.

3.2.1.8.8 - Inspect all accessible hydraulic lines in area of wing attach lugs from F.S. 509.5 to F.S. 651.1 for serviceability. Repair and/or replace damaged items as required IAW applicable CSTOs.

3.2.1.8.9 - Replace defective fuel oil heat exchangers (FOHE) IAW CSTO SR1F-15SA-2-28JG-20-1.

3.2.1.9 - Electrical System

3.2.1.9.1 - Remove and visually inspect anti-collision lights on the right vertical stabilizer for serviceability, corrosion, loose brackets, and connectors.

3.2.1.9.2 - Repair and reinstall and/or replace the anti-collision lights as necessary.

3.2.1.9.3 - Visually inspect all accessible wire harnesses and clamps for damage, chafing, cracking, splitting, deterioration, water/hydraulic fluid intrusion, and clearances from aircraft structures, components, doors and panels. Inspect all electrical clamps for deterioration, adequate size, improper installation and critical clamping. Inspect all readily accessible connectors for damage, broken and recessed pins, corrosion, improper connection, inadequate wrap/anti-chafe protection under backshell clamps, and signs of water/fluid intrusion.

3.2.1.9.4 - Repair and/or replace electrical clamps, connectors and wiring providing proper wiring clearances and/or anti-chafe protection. Perform other corrective actions as required to correct deficiencies noted during the inspections cited in paragraphs 3.2.1.9.3.

3.2.1.9.5 - Visually inspect all circuit breakers and connecting wiring/terminals for damage, chafing, loose connections and signs of overheating. Ensure all terminals have proper RTV/insulation applied.

3.2.1.9.6 - Replace damaged/overheated circuit breakers and repair/replace damaged/overheated terminals and connecting wiring as required.

3.2.1.9.7 - Apply MIL-L-87177 Grade B Type I corrosion preventative compound identified in TO 1-1-689-3 Table A-5 to internal areas of electrical connectors and mating receptacles for line replaceable units (LRUs) in doors 3L, 3R, 6L, 6R, 10L and 10R IAW TO 1-1-689-3, paragraph 10.9.10.
NOTE: Do not perform unplanned LRU removals to gain access to connectors in these areas.

3.2.1.9.8 - Perform Wiring Integrity Inspection at depot during PDM, after completion of major maintenance and prior to installation of doors/panels, ensure all accessible wiring harnesses/splice points have adequate clearances from structure, panels and components to meet the requirements called out in the General Notes of the Wiring Integrity Inspection Table 5-1 in CSTO SR1F-15SA-2-00WD-20-1. Ensure that all wiring harnesses are free of metal shaving contamination.

3.2.1.9.9 - Visually inspect the F-15SA cable harness to connector 52P-J067 (by bottom right front corner of seat) for improper routing and chafing. The harness should be routed below the PGB line to avoid chafing by the seat as it rises and lowers.

3.2.1.9.10 - Inspect connector plugs and harness assembly for left/right generator.

3.2.1.9.10.1 – Inspect and replace as required left generator cable assembly, P/N 68A755417-XXXX, right generator cable assembly, P/N 68A755418-XXXX, existing connector plugs, P/N K5M1-2N, K5M1-1N and K5M1-2A, matching receptacles and back shells, P/N M85049/39S17S and M85049/39-25S IAW CSTO SR1F-15SA-2-00WD-10-1 as needed. Refer to CSTO SR1F-15SA-4-4 for location.

3.2.1.9.11 - Repair/replace damaged wiring IAW CSTO SR1F-15SA-2-00WD-20-1. Adjust routing and clamping to ensure proper clearances to meet the requirements called out in the General Notes of the Wiring Integrity Inspection tables, CSTO SR1F-15SA-2-00WD-20-1, Section 5. Install chafe protection IAW CSTO SR1F-15SA-2-00WD-20-1.

3.2.1.10 - Fuel System

3.2.1.10.1 - Repair all fuel leaks to a "No leak" status IAW TO 1-1-3 and CSTO SR1F-15SA-2-28GS-00-1.

3.2.1.10.1.1 - Perform minor maintenance, such as fuel leak repair and component replacement on the external fuel tanks and pylons.
NOTE: Annotate the aircraft AFTO Form 95 to indicate which tanks have had the corrosion rework accomplished along with the date of accomplishment IAW CSTO SR1F-15SA-101 paragraph 5-5.

3.2.1.10.2 - Replace No. 1 fuel tank bladder IAW CSTO SR1F-15SA-2-28JG-10-1.
NOTE: Prior to installation of bladder, foam, foam blocks, honeycomb blocks, webbing and related hardware allow 72 hours cure time after painting IAW TO 1-1-8.

3.2.1.10.3 - Replace No. 2 fuel tank bladder IAW CSTO SR1F-15SA-2-28JG-13-1.
NOTE: Prior to installation of bladder, foam, foam blocks, honeycomb blocks, webbing and related hardware allow 72 hours cure time after painting IAW TO 1-1-8.

3.2.1.10.4 - Replace No. 3A fuel tank bladder IAW CSTO SR1F-15SA-2-28JG-14-1.
NOTE: Prior to installation of bladder, foam, foam blocks, honeycomb blocks, webbing and related hardware allow 72 hours cure time after painting IAW TO 1-1-8.

3.2.1.10.5 - Replace No. 3B fuel tank bladder IAW CSTO SR1F-15SA-2-28JG-14-1.
NOTE: Prior to installation of bladder, foam, foam blocks, webbing and related hardware allow 72 hours cure time after painting IAW TO 1-1-8.

3.2.1.10.6 - Replace R/Aux Tank Bladder IAW CSTO SR1F-15SA-2-28JG-12-1.
NOTE: Prior to installation of bladder, foam, foam blocks, honeycomb blocks, webbing and related hardware, allow 72 hours cure time after painting IAW TO 1-1-8.

3.2.1.10.6.1 - While the Right Aux Tank bladder is removed from the aircraft the following work is required:

3.2.1.10.6.1.1 - Remove all foam blocks, honeycomb blocks, fiberglass backing boards and other hardware required and/or that might become damaged during plastic media blasting (PMB) from right auxiliary fuel tank IAW CSTOs SR1F-15SA-3-2-1 and/or SR1F-15SA-3-2-2.

3.2.1.10.6.1.2 - Remove all nutplates and gang channels from the right auxiliary fuel tank supports, per SR1F-15SA-3-2-1, Fig 4-72 and SR1F-15SA-3-2-2 Fig 4-180.

3.2.1.10.6.1.3 - De-paint the right auxiliary fuel tank cavity IAW TO 1-1-8.
NOTE: The preferred method is either Super Aquamizer or Plastic Media Blast (PMB). If the chemical stripping method is necessary, depaint IAW TO 1-1-8.
3.2.1.10.6.1.4 - Remove sealants and clean the entire right auxiliary fuel tank IAW TO 1-1-8 and CSTO SR1F-15SA-23.

3.2.1.10.6.1.5 - Visually inspect the entire right auxiliary fuel tank for corrosion IAW TO 1-1-691, especially the following parts. These parts are listed in CSTO SR1F-15SA-3-2-( ).

68A321035	Stringer
68A321082	Skin
68A321096-2043/-2043A/-2046/2046A/-2046B/-2046C	Cap
68A321318-2018/-2036	Liner
68A321344-2006	Liner
68A321351-2034/-2026	Liner

68A321422	Stiffener
FS481.500	Bulkhead
68345655	Support
FS509.500	Bulkhead
68A321437-2297/-2449	Angle
68A321437-2299	Angle
68A321437-2301	Angle
68A321437-2365	Angle

3.2.1.10.6.1.6 - Clean up corrosion IAW CSTO SR1F-15SA-23 and TO 1-1-691. Repair/replace damaged structure as required IAW CSTO SR1F-15SA-3-2. If damaged structure exceeds typical repair instructions per CSTO SR1F-15SA-3-5, contact F-15SA Engineering for disposition.

3.2.1.10.6.1.7 - Chemically treat (Alodine) all bare metal areas IAW TO 1-1-691, CSTO SR1F-15SA-23, and TO 1-1-8.

3.2.1.10.6.1.8 - Seal the right auxiliary tank with sealant IAW CSTO SR1F-15SA-3-5, Section VI.

3.2.1.10.6.1.9 - Apply 1.0 inch wide (minimum thickness of 0.010 inch) MIL-PRF-81733 or AMS 3276 sealant coat over fastener heads and seams instead of anti-chafing tape.

3.2.1.10.6.1.10 - Prime entire interior of tank with two coats of epoxy primer IAW CSTO SR1F-15SA-23 Figure 5-33 Index 2 and TO 1-1-8.

3.2.1.10.6.1.11 - Paint entire interior of tank with two coats of white polyurethane coating IAW CSTO SR1F-15SA-23 Figure 5-33 Index 2 and TO 1-1-8.

3.2.1.10.6.1.12 - Install new nutplates and gang channels at structures IAW CSTO SR1F-15SA-3-3.

3.2.1.10.6.1.13 - Install fiberglass backing boards and bond new honeycomb blocks and new foam blocks to the left auxiliary fuel tank structure IAW CSTO SR1F-15SA-3-2-2. Reference figure 4-190.

3.2.1.10.6.1.14 - Apply anti-chaffing tape to the right auxiliary fuel tank except fastener heads and seams IAW CSTO SR1F-15SA-3-5.

3.2.1.10.7 - Repair internal fuel system problems, fuel transfer problems and fuel imbalance problems.

3.2.1.10.8 - Replace foam in the following tanks.

3.2.1.10.8.1 - Replace No. 1 Fuel Tank Foam IAW CSTO SR1F-15SA-2-28JG-10-1.

3.2.1.10.8.2 - Replace No. 2 Fuel Tank Foam IAW CSTO SR1F-15SA-2-28JG-13-1.

3.2.1.10.8.3 - Replace No. 3A Fuel Tank Foam IAW CSTO SR1F-15SA-2-28JG-14-1.

3.2.1.10.8.4 - Replace No. 3B Fuel Tank Foam IAW CSTO SR1F-15SA-2-28JG-14-1.
3.2.1.10.8.5 – Deleted.

3.2.1.10.8.6 - Replace Right Auxiliary Tank Foam IAW CSTO SR1F-15SA-2-28JG-12-1.

3.2.1.10.9 - Visually inspect No. 3B fuselage fuel cell cavity for corrosion by removing all backing boards, foam blocks, honeycomb blocks and adhesive IAW CSTO SR1F-15-SA-2-28JG-14-1. De-paint the tank IAW TO 1-1-8.

NOTE: The preferred method is either Super Aquamizer or Plastic Media Blast (PMB). If the chemical stripping method is necessary, de-paint IAW TO 1-1-8. Clean up corrosion IAW CSTO SR1F-15SA-23 and TO 1-1-691 and repair/replace damaged structure as required. Rework fuel cell cavity IAW CSTO SR1F-15SA-2-28JG-14-1. If damage exceeds typical repair instructions per CSTO SR1F-15SA-3-2-1 or SR1F-15SA-3-2-2 and SRF-15SA-3-5, contact F-15SA Engineering for disposition.

3.2.1.10.9.1 - Prime entire interior of No. 3B tank with two coats of epoxy primer IAW CSTO SR1F-15SA-23 and TO 1-1-8.

3.2.1.10.9.2 - Paint entire interior of No. 3B tank with two coats of white polyurethane coating IAW CSTO SR1F-15SA-23 and TO 1-1-8.

3.2.1.10.10 - Accomplish No. 2 fuel cell cavity visual inspection for corrosion by removing all backing boards, foam blocks, honeycomb blocks and adhesive IAW CSTO SR1F-15SA-2-28JG-13-1. Clean up corrosion IAW CSTO 1F-15SA-23 and TO 1-1-691 and repair/replace damaged structure as required. Rework fuel cell cavity IAW CSTO SR1F-15SA-2-28JG-13-1. If damage exceeds typical repair instructions per CSTO SR1F-15SA-3-5 and SR1F-15SA-3-2-1 or SR1F-15SA-3-2-2, contact F-15SA Engineering for disposition.

3.2.1.10.10.1 - Prime the entire interior of tank No. 2 with one coat of epoxy primer IAW CSTO SR1F-15SA-23 and TO 1-1-8.

3.2.1.10.10.2 - Paint entire interior of No. 2 tank with two coats of polyurethane coating IAW CSTO SR1F-15SA-23 and TO 1-1-8.

3.2.1.10.11 - Accomplish No. 3A fuel tank cavity visual inspection for corrosion by removing all backing boards, foam blocks, honeycomb blocks and adhesive IAW TO SR1F-15SA-2-28JG-14-1. De-paint the tank IAW TO 1-1-8.

NOTE: The preferred method is either Super Aquamizer or Plastic Media Blast (PMB). If the chemical stripping method is necessary, de-paint IAW TO 1-1-8. Clean up corrosion IAW CSTO SR1F-15SA-23 and TO 1-1-691 and repair/replace damaged structure as required. Rework fuel cell cavity IAW CSTO SR1F-15SA-2-28JG-14-1. If damage exceeds typical repair instructions per CSTO SR1F-15SA-3-5 and SR1F-15SA-3-2-1 or SR1F-15SA-3-2-2, contact F-15SA Engineering for disposition.

3.2.1.10.11.1 - Prime the entire interior of No. 3A tank with two coats of epoxy primer IAW CSTO 1F-15SA-23 and TO 1-1-8.

3.2.1.10.11.2 - Paint entire interior of No. 3A tank with two coats of polyurethane coating IAW CSTO SR1F-15SA-23 and TO 1-1-8.

3.2.1.10.12 - Accomplish No. 1 fuselage fuel cell cavity visual inspection for corrosion as explained in the following paragraphs. Note also that the F.S. 415.00 Bulkhead inspection is to be accomplished at the same time.

3.2.1.10.12.1 - Remove all foam blocks, honeycomb blocks and adhesive from the No. 1 fuselage fuel cell cavity as indicated in CSTO SR1F-15SA-3-2-1 and/or SR1F-15SA-3-2-2.

3.2.1.10.12.2 - Visually inspect No. 1 fuselage fuel cavity for corrosion. De-paint the lower one-half of the tank IAW TO 1-1-8. The preferred method is either Super Aquamizer or Plastic Media Blast (PMB). If chemical stripping is necessary, de-paint IAW TO 1-1-8. Remove the lower center forward floor, P/N 68A321065-2077, CSTO SR1F-15SA-4-1 Figure 1-79 Index 127. Inspect for corrosion under the panel and around the drain tube. If it becomes necessary to de-paint this area to determine if corrosion is present, de-paint IAW TO 1-1-8. Inspect the area where the blocks and center panel were removed for corrosion. Clean up any corrosion found in this area IAW CSTO SR1F-15SA-23 and TO 1-1-691 and repair/replace damaged structure as required. If damage (excessive corrosion) exceeds typical repair instructions IAW CSTO SR1F-15SA-3-5 and SR1F-15SA-3-2-1 or SR1F-15SA-3-2-2 or if corrosion is found on the longeron, P/N 68A321095 -2041/-2041B/-2044B or -2039A/-2040A/-2044 or -2041A/-2044A contact F-15SA Engineering for repair disposition.

3.2.1.10.12.3 - If F.S. 415 bulkhead external strap repairs have not been previously installed, remove the left and right webs, P/N 68A321355-2005/-2006. Visually inspect the F.S. 415 bulkhead for cracks. If cracks are found, provide the following information to F-15SA Engineering: crack size(s), aircraft serial number, current flight hours and location of cracks. For crack repair contact F-15SA Engineering for disposition. Also note if there is any corrosion in the area. Clean up any corrosion found in this area IAW CSTO SR1F-15SA-23 and TO 1-1-691. If corrosion found in this area is excessive and appears to infiltrate other areas, contact F-15SA Engineering for disposition.

3.2.1.10.12.4 - Inspect left and right lower longerons, P/N 68A321095, and drain hole rework IAW CSTO SR1F-15SA-3-6 as applicable to conversion SR and production SA aircraft. NOTE: If no longeron damage is discovered, install external strap at FS 415.

3.2.1.10.12.5 - Reinstall left and right side webs, P/N 68A321355-2005/-2006 if removed in paragraph 3.2.1.10.12.3, the lower center forward floor, P/N 68A321065-2077/-2085, and drain tube, P/N 68A580629-1001/-1003, making sure that there is no debris around the drain tube area and that it is free of sealant.

3.2.1.10.12.6 - Rework No. 1 fuel cell cavity IAW CSTO SR1F-15SA-3-5. If damage exceeds typical repair instructions per CSTO SR1F-15SA-3-5, contact F-15SA Engineering for disposition.

3.2.1.10.12.7 - Prime the entire interior of No. 1 tank with two coats of epoxy primer IAW CSTO SR1F-15SA-23 and TO 1-1-8.

3.2.1.10.12.8 - Paint entire interior of No. 1 tank with two coats of white polyurethane coating IAW CSTO SR1F-15SA-23 and TO 1-1-8.

3.2.1.10.12.9 - Install the backing boards, foam blocks and honeycomb blocks removed in previous paragraph IAW CSTO SR1F-15SA-3-2-1 or SR1F-15SA-3-2-2.

3.2.1.10.12.10 - Install two doublers on the former at FS 481.5, P/N 68A321313, in the ammo bay (Gun drum area and #1 fuel cell) to prevent cracks from occurring. This repair will be IAW TO SR1F-15SA-3-2-1 or SR1F-15SA-3-2-2.

3.2.1.10.13 - Enter an annotation of work that has been accomplished on the aircraft fuel system in the aircraft records.

3.2.1.10.14 - 100% replace with new parts P/N(s): VEAAL00001-35 / CV99-9 (interchangeable) dive vent check valve.

3.2.1.10.15 - Replace conformal fuel tank fuel feed attachment fittings and O-Rings IAW CSTO SR1F-15SA-2-28JG-22-1. (Aircraft Side)

3.2.1.10.16 - Remove fuel quantity probes IAW CSTO SR1F-15SA-2-28JG-40-1.

3.2.1.10.17 - Clean and inspect fuel quantity probes for corrosion and damage IAW CSTO SR1F-15SA-2-28JG-40-1 (GS28-00-01).

3.2.1.10.18 - Inspect the fuel probe wiring for corrosion, wear and any unsatisfactory condition IAW CSTO SR1F-15SA-2-00WD-40-1.

3.2.1.10.19 - Repair damaged wires as required and reinstall fuel quantity probes IAW CSTO SR1F-15SA-2-00WD-40-1 and SR1F-15SA-2-28JG-40-1.

3.2.1.10.20 - Replace packing, P/N M25988, in the left and right external fuel tank wing and pylon fuel disconnect assemblies. NOTE: P/N 60486-1, is a subassembly of left and right Tee refuel/transfer assemblies, P/N 68A581342-1001. Refer to CSTO SR1F-15SA-4-5.

3.2.1.11 - Engines

3.2.1.11.1 - Troubleshoot engines with suspected problems. Remove and replace external engine components when engine trouble shooting indicates components are defective IAW applicable CSTOs and basic TOs.

3.2.1.11.2 - Engines installed in the airframe with suspected problems shall have the problem identified prior to replacing an engine. Removal and replacement of engine(s) shall require the USG PM or COR approval prior to removal. NOTE: Prior to removal of engines, fault isolation procedures shall be accomplished in accordance with CSTO SR1F-15SA-2-71FI-03-( ). The results shall be recorded.

3.2.1.11.3 - Borescope engines when required by CSTO SR1F-15SA-6.

3.2.1.11.4 – Before engines are re-installed, inspect engine eye bolts PN 68A500066 IAW CSTO SR1F-15SA-36 paragraph 6-36. If defects are present or fail NDI via any method, replace the eye bolts P/N 68A500066.

3.2.1.12 - Secondary Power Supply

3.2.1.12.1 - Replace defective generators as required IAW applicable TOs.

3.2.1.12.2 - Replace defective Central Gear Box (CGB) as required IAW CSTO SR1F-15SA-2-80JG-12-1.

3.2.1.12.3 - Repair or replace defective Jet Fuel Starter (JFS) as required IAW CSTO SR1F-15SA-2-80JG-11-1.

3.2.1.12.4 - Replace defective Airframe Mounted Accessory Drives (AMADs) as required IAW CSTO SR1F-15SA-2-83JG-20-1.

3.2.1.12.5 Replace secondary power harness IAW CSTCTO SR1F-15XX-XXX.

1B15A - Replace Secondary Power Harness CSTCTO SR1F-15XX-XXX.

Assigned Tasks

3.2.1.13 - System Work

3.2.1.13.1 - Repair or replace damaged/defective wiring that prohibits performing operational checks that are required by CSTCTOs currently installed or that are required to check out a system required to be operational by this WS. This includes plugs and connectors.

3.2.1.13.2 - Install nose landing gear drag brace IAW CSTO SR1F-15SA-2-32JG-30-1.

3.2.1.13.3 - Install nose landing gear IAW CSTO SR1F-15SA-2-32JG-20-1.

3.2.1.13.4 - Install left and right main landing gear IAW CSTO SR1F-15SA-2-32JG-10-1.

3.2.1.13.5 - Perform abbreviated landing gear operational check IAW CSTO SR1F-15SA-2-32JG-00-1.

3.2.1.13.6 - Repair cracks in structure skin and related backup structure in the nose and main landing gear wheel wells IAW applicable basic TOs.

3.2.1.13.7 - Perform operational checks of systems required for Functional Check Flight (FCF) checkout and/or as mission essential if not already required by CSTCTO work.

3.2.1.13.8 - Install left and right flaps, P/N 68B180000-103/-104 or 68A180001-1005/-1006 or 68A18001-1007/-1008 IAW CSTO SR1F-15SA-2-27JG-50-1, SSSN 27-50-11. Use appropriate effectivity.

3.2.1.13.9 - Install left and right ailerons, P/N 68A170001-1017/-1018 or 68B170000-103/-104 or 68B170000-105/-106 IAW CSTO SR1F-15SA-2-27JG-11-1, SSSN 27-11-12.

3.2.1.13.10 - Install left and right aileron actuators IAW CSTO SR1F-15SA-2-27JG-11-2, SSSN 27-11-10.

3.2.1.13.11 - Install left and right flap actuators IAW CSTO SR1F-15SA-2-27JG-50-1, SSSN 27-50-10.

3.2.1.13.12 - Install machined metal Speedbrake, P/N 68A360194-1001/-1003/-1005, IAW CSTO SR1F-15SA-2-27JG-60-1, SSSN 27-60-14. Use appropriate effectivity. If metal Speedbrake is not available, contact F-15SA Engineering for disposition.

3.2.1.13.13 - Install Radome PN 68A315101-1001 IAW CSTO SR1F-15SA-3-4 Paragraph 4-19 (reference figure 4-2) and SR1F-15SA-2-05JG-00-1, SSSN 05-00-11.

3.2.1.13.14 - Install left and right wings IAW CSTO SR1F-15SA-3-6.

3.2.1.13.15 - Install left and right horizontal stabilators IAW CSTO SR1F-15SA-2-27JG-41-2, SSSN 27-41-12

3.2.1.13.16 - Install left and right rudder, P/N 68G240001-1005/-1007 or 68A240001-1017/-1019, and rudder drive fitting assemblies IAW CSTO SR1F-15SA-2-27JG-21-2, SSSN 27-21-11. Remove and replace rudder drive splice bolts.

3.2.1.13.17 - Troubleshoot all system failures and correct the failures by repair and/or replacement of item.

3.2.1.13.18 - Correct defects associated with environmental control system. Accomplish the ECS bay buildup procedures IAW applicable CSTOs. The ECS bay may be stripped to facilitate other maintenance (FOM).

3.2.1.13.19 - Perform ECS Cabin Pressurization Verification IAW CSTO SR1F-15SA-2-21JG-30-1, SSSN 21-30-04 after ECS bay has been fully built up.

3.2.1.14 - Seat(s)

3.2.1.14.1 - Visually inspect seat for obvious defects IAW TO 13A5-56-11. Review records to determine if any TCTOs are outstanding and if any installed pyrotechnics/explosive items have or will exceed time limits.

3.2.1.14.2 - Inspection/removal/repacking of parachute/survival kit shall be accomplished if expiration date occurs during time aircraft is at maintenance facility or within 60 days of scheduled PDM completion date IAW CSTOs SR1F-15SA-6 and SR1F-15SA-2-95JG-50-1 and TOs 14S1-11-3, and 14D3-10-1.

3.2.1.14.3 - Thirty-six month inspections of seat shall be accomplished IAW CSTO SR1F-15SA-6 and TO 13A5-56-11 if time expires while aircraft is at the maintenance facility or within 60 days of scheduled PDM completion date. Touch up paint on seat and seat pan as required.

3.2.1.14.4 - Oxygen bottles shall be replaced if not properly serviced or if damage is noted IAW CSTO SR1F-15SA-6 and TO 13A5-56-11.

3.2.1.14.5 – Seat side caps shall be repaired/replaced if cracks are noted IAW TO 13A5-56-11.

3.2.1.14.6 - Check all connectors on seat to ensure they are installed correctly. This includes replacing safety wire that is missing.

3.2.1.14.7 - Inspect drogue chute for correct installation IAW TO 14D1-3-316 and CSTO SR1F-15SA-6. Defects found shall be corrected.

3.2.1.14.8 - Repair and/or replace any other defective items found during the time the seat is removed from the aircraft. Correct all corrosion and deteriorating paint IAW TO 13A5-56-11. Replace all corroded hardware items IAW TO 13A5-56-11 and CSTO SR1F-15SA-2-95GS-00-1. Reassemble the seat and replace all "O" rings. Install new lettering on the seat and comply with all required operational checks on the seat IAW TO 13A5-56-11.

3.2.1.15 - Miscellaneous

3.2.1.15.1 - The components in Table 7 require permanently installed data plates. If data plates are missing or unreadable, replace with a locally manufactured data plate IAW applicable TOs and CSTOs. If the component PN and SN cannot be identified contact F-15SA Engineering.

Table 7

WUC	Component
11000	Airframe F-15
11K01	Wing Assembly, Left
11K02	Wing Assembly, Right
12CA0	Canopy Assy
12E00	ACES II Seat
13AA0	Landing Gear, Main, LH
13AC0	Cylinder Assy, Actuating Linear, L/R MLG
13AE0	Landing Gear, Main, RH
13BA0	Shock Absorber, NLG
13BC0	Cylinder Assy, Actuating Linear, NLG
13BEB	Damper, Shimmy, Nose Wheel Steering
23B00	Core Engine Module
23QA4	EHR (Events History Reporter)
24AD0	Jet Fuel Starter
23G00	Gearbox Module
24AN0	Central Gearbox

3.2.1.15.2 - Visually inspect antennas and radar antenna for hydraulic leaks, cracks, corrosion, and any other unsatisfactory conditions IAW CSTOs SR1F-15SA-2-94JG-( )-( ) and SR1F-15SA-23. Correct defects found IAW applicable TOs and CSTOs.

3.2.1.15.3 - Remove and replace leaking and/or damaged radar antenna IAW SR1F-15SA-2-34JG-42-1. Perform Ops checks on replaced radar antenna IAW applicable TOs and CSTOs. NOTE: For all USAFE aircraft, the radar Mode S transponder (in addition to all other modes) must operate properly. For all non-USAFE aircraft, Mode S is not necessary and is therefore not required to operate properly, unless the aircraft is scheduled for TCTO modifications that require radar operational checkouts/flights, those aircraft shall be delivered to PDM with an operational radar.

3.2.1.15.4 - Inspect all Shielded Mild Detonating Cord (SMDC) lines in the forward and/or aft cockpit areas IAW CSTO SR1F-15SA-2-95JG-11-1, SSSN 95-11-02, TO 11P17-3-7, and WP 050 00 in TO 11P17-3-7. If any SMDC lines do not meet the required six year and/or the next PDM, replace all lines with a set of lines that has a life of at least six years or that will make the next PDM. If lines received from supply do not meet the next PDM or the line dates are older than the existing lines, return the lines to Ogden ALC for a current replacement kit.

3.2.1.15.5 - Replace pyrotechnics/explosive items that are out of date IAW applicable CSTOs and TOs. Any pyrotechnics/explosive items shall be replaced if damaged or installed/manufacture life date has expired or will expire during time aircraft is at the SOR or within 60 days of scheduled PDM completion date.

3.2.1.15.6 - Correct defects on doors/panels including associated stiffeners and other substructure components IAW CSTO SR1F-15SA-3-3. Rework all elongated/damaged holes to 2nd oversize to clean up damage on all doors, covers and removable panels. If 2nd oversize will not obviously clean up damage, submit an AFMC Form 202 to F-15SA Engineering for engineering disposition. On all fixed structure areas, contact F-15SA Engineering by submitting an AFMC Form 202 for disposition (such as vertical stab forward, aft and main boxes, Individual Aircraft Tracked (IAT) locations, etc.).

3.2.1.15.7 - Remove, reinstall and/or replace any defective, loose, and/or missing aircraft hardware such as rivets, Hi-Loks, jo-bolts, screws, bolts, nuts, safety wire, clamps, nutplate receptacles, and door latches found as a result of other maintenance and/or inspections performed on the aircraft.

3.2.1.15.8 - Replace defective nutplates and gang channels as required when found as a result of other maintenance IAW CSTO SR1F-15SA-3-( ).

3.2.1.15.9 - Comply with Safety of Flight CSTOs and CSTCTOs.

3.2.1.15.10 - Comply with all CSTO SR1F-15SA-6 hourly and calendar inspection requirements as directed by F-15SA Engineering.

3.2.1.15.11 - Perform all PDM inspections IAW CSTO SR1F-15SA-6 Section II Part B, including those not specifically called out in this WS. Also accomplish Attachment 2 which is the list of 100% required IATs to be inspected. Input the results of all SR1F-15SA-6 Section II Part B inspection results into the Boeing BPN WebSAFE AFTO Form 3 link IAW TO SR1F-15SA-6. Document the repair and/or replacement actions taken with the P/N and/or hole numbers using the number system IAW CSTO SR1F-15SA-36. Note: If fire extinguisher container is replaced at PDM, then requirement to hydrostatic test the bottle/cartridge will be omitted.

3.2.1.15.12 - Complete all Individual Aircraft Tracking (IAT) inspections. All 100% IAT requirements will be listed on one or more 202(s) as required and/or on Attachment 2. All occurrence based IATs will be required based upon CSTO SR1F-15SA-6, associated supplements, and Attachment 2. Input the results of all IAT inspection results into the Boeing BPN WebSAFE AFTO Form 3 link IAW CSTO SR1F-15SA-6. Document the repair and/or replacement actions taken with the P/N and/or hole numbers using the number system IAW CSTO SR1F-15C-36. If the hole numbers do not exist, provide a description of the repair location. NOTE: For aircraft stated to complete IAT when called out in CSTO SR1F-15SA-6 and associated supplements, the IAT inspection shall be completed for the calendar quarters that the aircraft will be at the depot and for one quarter after delivery.

3.2.1.15.13 - Accomplish all Hourly Postflight inspections IAW CSTOs SR1F-15SA-6, SR1F-15SA-6WC-5, and SR1F-15SA-6WC-6 with the exception of the items listed in tables below. Annotate the AFTO Form 95 that the Hourly Postflight inspections have been accomplished except the items listed in tables below. All unaccomplished inspections shall be annotated on the AFTO Form 781A by work card number and as being unaccomplished.

~~**-6WC-6 (Table 8A)**~~

~~**1F-15A/E-6WC-6**~~	
~~WORKCARD~~	~~DESCRIPTION~~
~~For A model, 4-1 For E model, 4-6~~	~~Complete L/R engine main ignition system analysis (FI71-00-00)~~ ~~for F100-PW-100 ENGINE AND (FI71-01-00) for F100-PW-220 ENGINE. (Doors 113L/R)~~
~~For A model, 4-2 For E model, 4-7~~	~~Complete L/R engine augmentor ignition system analysis (FI71-00-00) for F100-PW-100 ENGINE AND (FI71-01-00) for F100-PW-220 ENGINE. (Doors 113L/R and 117L/R)~~

-6WC-5 (Table 8B)

SR1F-15SA-6WC-5	
WORKCARD	DESCRIPTION
1-47	Entire work card
1-48	Entire work card
1-50	Entire work card
2-9	Entire work card

3.2.1.15.14 Replace Nose Wheel Steering cable IAW CSTO SR1F-15SA-2-32JG-50-1 SSN 32-50-12 as required per CSTO SR1F-15SA-6 Section II, part B. NOTE: Replacement may not be a requirement yet – check latest release of CSTO SR1F-15SA-6.

3.2.1.16 - Re-assembly and Ops Checkout

3.2.1.16.1 - Interior and exterior of aircraft shall be thoroughly cleaned after work is completed with special attention to removal of metal filings, chips, loose hardware, tools, debris and any other potential FOD.

3.2.1.16.2 - Visually inspect all flight control system cables, pulleys, push rods, and components for security during repair/modification prior to closure of areas and all exposed flight control system items inside the fuselage after accomplishment of repair/modification but prior to FCF IAW CSTOs SR1F-15SA-3-8 and SR1F-15SA-2-27GS-00-1.

3.2.1.16.3 - Reinstall all door panels, fairings, fillets, parts, components, and assemblies removed during work required by this WS IAW applicable CSTOs.

3.2.1.16.4 - Apply aerodynamic seals to aircraft IAW CSTO SR1F-15SA-23 and SR1F-15SA-3-5 when reinstalling doors, panels, fairings, and etc.

3.2.1.16.5 - Prior to final operational checks and the first FCF, purify the aircraft hydraulic fluid IAW CSTOs SR1F-15SA-6WC-5 and SR1F-15SA-2-29JG-00-1. NOTE: Closed loop operation of hydraulic mules is always required unless the mule has been purified immediately prior to use. Hydraulic mules must have 3-micron filters installed.

3.2.1.16.6 - Install the glideslope antenna on the radome IAW CSTO SR1F-15SA-2-34JG-30-1 SSSN 34-30-12.

3.2.1.16.7 - Clean and flush internal fuel tanks to remove contaminants and foreign particles IAW CSTO SR1F-15SA-23 and TO 1-1-3.

3.2.1.16.8 - Fuel aircraft and perform fuel operational checks IAW CSTOs SR1F-15SA-2-12JG-10-1 and/or SR1F-15SA-2-12-JG-10-2.

3.2.1.17 - Tab C Painting of F-15SA Aircraft

3.2.1.17.1 - **Scope**

3.2.1.17.1.1 - This work statement establishes requirements for stripping and repainting the F-15SA aircraft. All work shall be done IAW TOs 1-1-8, 1-1-691, CSTO SR1F-15SA-23, and AES-F15SA-PAINT-2026 except as noted below.

3.2.1.17.2 - General

3.2.1.17.2.1 - Ailerons, flaps, rudders, stabilators, speedbrakes, intake ramps, external fuel tanks and pylons shall be removed prior to depaint. These articles shall be depainted and repainted IAW the instructions for the remainder of the aircraft and shall be subject to the same quality controls. The primary method of depaint for all non-composite components shall be chemical stripping with the alternate method to be Plastic Media Blast (PMB) IAW CSTO SR1F-15SA-23 and TO 1-1-8. The primary method of depaint for all composite components, except the rudder, is Flash-Jet with the alternate method to be Plastic Media Blast. The primary method of depaint for the rudder is Flash-Jet with the alternate method to be scuff sanding IAW CSTO SR1F-15SA-23 and TO 1-1-8. Flash-Jet and Plastic Media Blast on composite components will eliminate the excess paint thickness that accrues when only scuff sanding is performed.

3.2.1.17.2.1.1 – Deleted.

3.2.1.17.2.1.2 - Type V Plastic Media Blast (PMB) process may be used for paint removal on aluminum structure, as well as exterior titanium and aluminum bonded over honeycomb surfaces. PMB must be done IAW TO 1-1-8. PMB on F-15SA aircraft shall only be conducted after acceptance of both process order and prototype aircraft paint removal by F-15SA Engineering. PMB process orders shall include but not be limited to media type, nozzle pressure, standoff distance, impingement angle, dwell time, and media contamination test parameters. PMB used on F-15SA aircraft shall only be new media or media only used on F-15SA paint removal. Used PMB media from other aircraft or equipment paint removal shall not be used for F-15SA paint removal.

3.2.1.17.2.2 - Left and Right Main Landing Gear and Nose Gear wheel wells shall be Scuffed and repainted with appropriate primer and white paint IAW CSTO SR1F-15SA-23.

3.2.1.17.2.3 - Engine air inlets shall be depainted and repainted with appropriate primer and gray or white paint IAW CSTO SR1F-15SA-23.

3.2.1.17.2.4 - If interior areas of the aircraft are depainted for special inspections or paint is damaged during other maintenance/modification work, they shall be touched up with matching material IAW CSTO SR1F-15SA-23. NOTE: This paragraph does not apply to titanium interior areas.

3.2.1.17.2.5 – Deleted.

3.2.1.17.2.6 - F-15 aircraft stripping shall use only chemicals approved for removal of epoxy and polyurethane primers/topcoats as specified in TO 1-1-8.

3.2.1.17.2.7 - Paint stripping tools shall not include copper, brass, stainless steel or metallic scrapers of any kind. The only tools authorized for use are aluminum wool at the third and subsequent applications of chemical stripper, phenolic scrapers, squeegees, prolene stiff bristle brushes and A-A-58054 Type I nylon pads as authorized in TO 1-1-8.

3.2.1.17.2.8 - The stripper shall be applied on clean, dry surfaces only. Aircraft skin temperature must be above 60 degrees and below 90 degrees Fahrenheit. The stripper shall not be applied unless the ambient temperature is at least 60 degrees but below 100 degrees Fahrenheit.

3.2.1.17.2.9 - After an area has been stripped, remove all traces of stripper. Avoid spraying water on unstripped areas. If other areas are wet, they must be dried before stripper is applied.

3.2.1.17.2.10 - Painting of aircraft will be accomplished using pressurized painting equipment or air-assisted airless equipment.

3.2.1.17.2.11 - Scuff sanding of composite materials shall be accomplished before NDI examinations are conducted.

3.2.1.17.2.12 - Second Ramps shall be depainted and repainted with appropriate primer paint IAW CSTO SR1F-15SA-23.

3.2.1.17.2.13 – Scuff sand and paint the speedbrake IAW CSTO SR1F-15SA-23.

3.2.1.17.3 - Preparation

3.2.1.17.3.1 - Accomplish the following sanding prior to final cleaning and conversion coating of the aircraft:

3.2.1.17.3.1.1 - Plastics and composite surfaces shall be sanded down to the original coat of primer, and the primer scuff sanded IAW CSTO SR1F-15SA-23.

3.2.1.17.3.1.2 - Metal areas that are part of the windshield, canopy and antenna installations, hinges, latches, drag hook fairing, missile launchers, seams around removable panels, seams between slider panels on the lower surface of the wings, in-flight refueling doors, inlet by-pass doors, 1 1/2 inch strip aft of the nose radome and small items that are attached solely by sealant, shall be sanded to the original coat of primer, and the primer scuff sanded and feathered IAW TO 1-1-8. NOTE: Do not scuff sand all the way down to, or otherwise damage, the plastic and composite surfaces. Do not apply paint stripper or paint to antennas left and right.

3.2.1.17.3.2 - Antennas, radome, landing gear, formation lights, all plastic and composite surfaces and all items listed in paragraph 3.2.1.17.3.1 above shall be masked to protect them from PMB damage. Landing gear shall be double wrapped with MIL-PRF-131 barrier paper. Number 425 Tape or a suitable substitute as approved by F-15SA Engineering shall be used for masking operations. NOTE: Extra caution shall be taken to protect the canopy from abrasion or PMB damage.

3.2.1.17.3.2.1 - In addition to the above, mask all seams, fuselage mounted missile launchers (LAU-106), access doors, exposed bearings, hinges, louvers, pitot static ports, drain holes in the bottom of the intake duct, seams around slider panels on the lower surface of the wings and all other areas necessary to prevent entry of PMB media into interior areas IAW TO 1-1-8. NOTE: The number one ramp shall be protected from PMB media entry as follows: (1) Cover all louvers with a double layer of tape. The second layer shall be placed at 90 degrees to the first layer. Tape shall overlap the edge of the louvers at least one inch on all sides. (2) The area on the inside of the ramp where the fasteners appear shall be covered with MIL-PRF-131 barrier paper and taped in place. (3) The end where the ramp attaches to the aircraft shall be covered with MIL-PRF-131 barrier paper taped in place. (4) The gap around the door on the top of the ramp shall be sealed with tape.

3.2.1.17.3.3 - To remove remaining primer from the surface of the aircraft, use methods for residual paint removal in TO 1-1-8 and/or proceed as follows: (1) Squeegee paint stripper from a 4 foot by 4 foot area. (2) Apply Methylene Chloride to the area with a barrel pump or other suitable method. (3) While one person is spraying, another person shall loosen the primer with A-A-58054 Type I nylon pads. (4) As the solvent evaporates there will be primer residue. The residue shall be removed by application of Methylene Chloride on a rag and wipe the residue away.

3.2.1.17.3.4 - Thoroughly rinse and wash the aircraft IAW TOs 1-1-8, 1-1-691, and CSTO SR1F-15SA-23. Inspect interior areas of aircraft behind avionics bay access doors (3 L/R, 6 L/R, 10 L/R and 15) and behind all quick disconnect doors to ensure that paint stripper has not entered.

3.2.1.17.3.5 – Seal/reseal all exterior seams around permanent skin panel joints IAW CSTOs SR1F-15SA-23 and SR1F-15SA-3-5 using AMS 3276. This shall include seams that may or may not have been sealed previously, regardless of gap dimensions, including the seams on the number one intake ramp and the stabilators.

3.2.1.17.3.6 - Reinstall and Operational Check all flight controls before preparing for painting. The following inaccessible areas shall be treated, conversion coated, primed, and painted prior to installation and operational check of flight controls:

3.2.1.17.3.6.1 - Aileron and flap wells.

3.2.1.17.3.6.2 - The side of the empennage covered by the stabilators.

3.2.1.17.3.6.3 - The side of the fuselage behind the number one intake ramp.

3.2.1.17.3.7 - Application Procedures for PPG RECC 1015 (NSN 6850-01-593-4741) and RECC 3021 Full Non-Chromated Process:

3.2.1.17.3.7.1 - Wash aircraft with MIL-PRF-87937 Type II or Type III IAW TOs 1-1-8, 1-1-691 and CSTO SR1F-15SA-23. NOTE: If other modification/maintenance work is to be accomplished, it will be completed along with resealing prior to final preparation for painting. All access doors and fasteners should be installed prior to application of SAE-AMS-1640 compound.

3.2.1.17.3.7.2 - RECC 1015 refers to the etch/deoxidizer process and chemicals. Spray apply RECC 1015 to the aircraft for three minutes. Apply RECC 1015 until all surfaces are saturated. Reapply as necessary to keep surfaces wet for the duration of the three minutes. Apply a final time to all surfaces on the third minute.

3.2.1.17.3.7.3 - Allow deoxidizer to air-dry for 7 minutes, or until most of the surfaces appear to be dry to the touch. Good air flow/ventilation assists with this drying step. Dab dry any area(s) where the solution appears to puddle using an appropriate lint-free cloth or blow off area(s) using clean compressed air.

3.2.1.17.3.7.4 - Rinse all surfaces continuously using tap water for five minutes.

3.2.1.17.3.7.5 - RECC 3021 refers to the conversion process and chemicals. Apply RECC 3021 conversion coating while surfaces are still wet from the tap water rinse.

3.2.1.17.3.7.6 - Apply RECC 3021 for five minutes. Apply RECC 3021 until all surfaces are saturated. Reapply as necessary to keep surfaces wet for the duration of five minutes. (Usually reapplying two to four more times ensures this).

3.2.1.17.3.7.7 - Do Not Rinse... allow RECC 3021 to dry in place under good air flow/ventilation.

3.2.1.17.3.7.8 - Solvent wipe lower areas subject to fuel/hydraulic fluid leakage/contamination as needed.

3.2.1.17.3.7.9 - Reinspect area for corrosion. Abrasive blasting is not authorized for removal of exterior surface corrosion.

3.2.1.17.3.7.10 - Reaccomplish chemical corrosion removal in necessary areas.

3.2.1.17.3.8 - Treatment of newly installed untreated titanium panels.

3.2.1.17.3.8.1 - Mask around any newly installed, untreated titanium panels to prevent contact of thixotropic MIL-DTL-5541 class 1A solution with adjacent seams and aluminum panels.

3.2.1.17.3.8.2 - Formulation and quality of the thixotropic MIL-DTL-5541 solution shall be verified by qualified chemical laboratory personnel.

3.2.1.17.3.8.3 - Apply thixotropic MIL-DTL-5541 class 1A solution to newly installed, untreated titanium panels to be painted and agitated briskly and briefly with A-A-58054, Type I, nylon pads. After agitation, reapply the solution as required to keep the titanium surfaces wet for 45 minutes.

3.2.1.17.4 - Painting

3.2.1.17.4.1 - Remove masking from all areas to be painted. Clean up tape residue and reapply PPG RECC 1015 / RECC 3021 Full Non-Chromated Process to local areas IAW CSTO SR1F-15SA-23 as required. Mask flight controls and other areas as required. All F-15SA aircraft shall be painted with paint scheme IAW CSTO SR1F-15SA-23 and AES-F15SA-PAINT-2026 (or latest release AES Paint Drawing) or otherwise directed by RSAF Aeronautical Engineering Squadron (AES). NOTE: Special attention should be placed on masking and preparation for paint around all areas where exposed piston rods are visible. Paint overspray may cause severe damage and lead to part degration and potential failure.

3.2.1.17.4.2 - Apply Chromate-Free Primer within 4 to 24 hours of paragraph 3.2.1.17.3.7.6 using standard application procedures and IAW SR1F-15SA-23.

3.2.1.17.4.3 - Apply topcoat to the primer following the appropriate dry-to-topcoat window IAW CSTO SR1F-15SA-23.

3.2.1.17.4.4 - Apply dark grey 36176 and light grey 36251 final top coat IAW CSTO SR1F-15SA-23 and AES-F15SA-PAINT-2026 Note 4. All other notes are applicable for aircraft paint IAW AES-F15SA-PAINT-2026. NOTE: CSTO SR1F-15SA-23, Chapter 1, shall be adhered to for refinishing nose radome. Finish thickness is critical and effectiveness of the radar system can be degraded. Finished dry coating should be between 1.8 to 2.6 millimeters. Radome paint thickness will be measured on an aluminum panel attached to the rear of the radome and sprayed concurrently with the radome. NOTE: The total dry film thickness measurements for anodized areas will be 2.2 to 3.6 millimeters excluding leading edges and pattern demarcation areas. The total dry film thickness measurements for titanium areas will be 3.2 to 4.6 millimeters.

3.2.1.17.4.4.1 - Apply two full wet coats of primer and two full wet coats of topcoat to the leading edges of the wings, horizontal stabilators, and vertical stabilizers IAW CSTO SR1F-15SA-23 and AES-F15SA-PAINT-2026. Direct each application to run parallel to the surfaces and at a 45-degree and 90-degree angle from the top and bottom of each surface respectively. This type of application is necessary to ensure proper coverage of these surfaces.

3.2.1.17.4.5 - Reapply markings, using black color BAC7067. NOTE: Stencils may be used.

3.2.1.17.4.6 - After the final coating has cured for a full 48 hours, conduct a wet tape test IAW TO 1-1-8 on four randomly selected (two aluminum and two titanium) panels. The 3M Corp tape number 250 or a suitable substitute as approved by F-15SA Engineering shall be used for wet tape test.

3.2.1.17.4.7 - In addition to the wet tape test required by paragraph 3.2.1.17.4.6, after the final coating has cured for a full 48 hours, conduct a dry tape test by applying 3M Corp tape number 250 or a suitable substitute as approved by F-15SA Engineering to any questionable painted areas of the aircraft. Use the same procedure to apply tape as used in the wet tape test.

3.2.1.17.4.8 - Touch up engine intake and wheel well areas as needed.

3.2.1.17.4.9 - Apply Ceram-Kote 54 Rain Erosion Coating to inner and outer wing, inner and outer horizontal stabilator and left and right vertical stabilizer leading edges IAW CSTO SR1F-15SA-23.

3.2.1.17.4.10 – Application of SAE AMS-1640 (corrosion removing compound).

3.2.1.17.4.10.1 - Prior to the application of SAE AMS-1640, the cleanliness of the aircraft shall be verified with a waterbreak test IAW TO 1-1-8. Those areas failing the test shall be cleaned by reapplication of MIL-PRF-87937 Type II or Type III and agitation with A-A-58054 Type I nylon pads.

3.2.1.17.4.10.2 - Apply SAE AMS-1640 corrosion removing compound to all stripped areas, including titanium panels IAW TOs 1-1-8 and 1-1-691, taking care to prevent this material from entering confined areas. The application shall be from the bottom to the top of the aircraft using vigorous agitation and allowing the proper dwell time as directed in TOs 1-1-691 and 1-1-8. Do not allow the material to just stand on the surface with no agitation or rinse off prior to the directed dwell time. Rinse the aircraft thoroughly to remove all residue and SAE AMS-1640 material. NOTE: Mask as required to prevent SAE AMS-1640 compound **from contacting plastics or composites and entering** interior areas of the aircraft.

3.2.1.17.4.10.2.1 - Visually inspect aircraft surface for remaining signs of corrosion to determine if another application of SAE AMS-1640 is required. Reaccomplish preliminary chemical corrosion removal in necessary areas.

3.2.1.17.4.10.2.2 - Reinspect area(s) for corrosion. Abrasive blasting is not authorized for removal of exterior surface corrosion.

3.2.1.17.4.10.2.3 - Reaccomplish chemical corrosion removal in necessary areas.

3.2.1.18 - Tab E Corrosion Treatment of F-15SA Aircraft

3.2.1.18.1 - Scope

3.2.1.18.1.1 - This work statement establishes requirements for corrosion treatment of the F-15SA aircraft at the SOR.

3.2.1.18.2 - Special Instructions

3.2.1.18.2.1 - Sealing Procedures:
WARNING: The following procedures do not apply to high temperature areas of the aircraft. Refer to CSTO SR1F-15SA-3-1 for high temperature areas.

3.2.1.18.2.1.1 - Permanent and Semipermanent Panels:
Install all permanent and semi-permanent panels with faying surfaces and fasteners wet with MIL-PRF-81733D, Types I or IV or MIL-S-81733 sealant.

3.2.1.18.2.1.2 - Removable Panels:
Seal all removable panels which require sealing IAW CSTO SR1F-15SA-23 with new form in place seals using SAE-AMS-3276 sealant. Coat lower side of fastener heads only with this sealant. Do not apply this sealant in fastener holes or to threads and shanks of fasteners as this will cause difficulty in subsequent fastener removal. This includes all fasteners that are removed for corrosion inspection. Install removable fasteners wet with PR 1403G or a sealant IAW TO 1-1-691, Table A-2, Item No. 88. Sealant shall be applied to the head of fasteners only. If PR-1403G is unavailable MIL-S-8784B may be used or a sealant from TO 1-1-691, Table A-2, Item No. 88. Do not install fasteners wet with any sealant except PR 1403G, MIL-S-8784B or one from TO 1-1-691, Table A-2, Item No. 88. Sealant tape may also be used as an option on removable panels only IAW CSTO SRSR1F-15SA-23 or TO 1-1-691, Table A-2, Item No. 88.

3.2.1.18.2.1.3 - Exterior Seam Sealing:
MIL-PRF-81733D sealant shall be used to fillet seat exterior airplane seams and lap joint edges of permanent and semipermanent structure. Do not fillet seal around removable doors. Form-in-place gasket squeeze out will sufficiently seal these areas. Use a sealant gun to apply sealant. If MIL-PRF-81733D is unavailable AMS 3276 may be used. Prior to sealant application, clean seams with a brush wetted with AA-59281 solvent, wipe dry with a clean cloth (do not allow drying by evaporation), and apply PR-182 adhesion promoter to seams and allow to air dry.
NOTE: Sealant must be stored IAW TO 1-1-691 instructions.

3.2.1.18.2.2 - Corrosion Grindouts:
Corrosion grindouts should not exceed those prescribed in CSTO SR1F-15SA-3 series and SR1F-15SA-23. Approval to grindout beyond limits must be obtained from F-15SA Engineering through NCR via AutoTAR or AF-PLM ETAR.

3.2.1.18.2.3 - Fastener Replacement:
Replace all fasteners removed for corrosion inspection with new IVD fasteners (if available), where specified. If IVD fasteners are not available, replace removed fasteners with new fasteners that are the same type as the ones removed. Install oversized fasteners (if required) IAW CSTO SR1F-15SA-3 Series.

3.2.1.18.2.4 - Antennas:
Corroded antennas shall be treated IAW CSTO SR1F-15SA-23 Chapter 1, Section III.

3.2.1.18.2.4.1 - Refinish antennas IAW CSTO SR1F-15SA-23, Figure 1-3. Do not refinish antennas where no instructions are referenced. Use topcoat color dark grey 36176 or light grey 36251 to match surrounding surface color.

3.2.1.18.2.4.2 - During chemical treatment of bare metal areas, provide proper protection for all areas that do not require chemical treatment IAW TO 1-1-691.

3.2.1.18.2.4.3 - Bare metal areas of all aluminum panels removed for corrosion treatment shall be conversion coated IAW MIL-DTL-5541, Type 1, Class IA.

3.2.1.18.2.5 - Titanium Surfaces:
Titanium surfaces that are painted and the fasteners in painted titanium surfaces do not require corrosion treatment. (Exception: Chemical treatment of these areas before painting will be accomplished IAW TAB C and TO 1-1-8).

3.2.1.18.3 - Specific Work Requirements

3.2.1.18.3.1 - Mandatory Removals:
Remove all armaments IAW CSTO SR1F-15SA-2-94JG-10-1 (if required).

3.2.1.18.3.1.1 - After paint stripping operation is completed, remove the canopy to treat/repair corrosion.

3.2.1.18.3.1.2 - Remove the ejection seat and secure the ejection seat firing mechanism IAW CSTOs SR1F-15SA-2-95JG-21-( ) and SR1F-15SA-2-95JG-11-1.

3.2.1.18.3.1.3 - Remove ailerons, flaps, rudders, speedbrake, and intake ramps ***except for*** the diffuser ramp prior to stripping operations.

3.2.1.18.3.1.4 - Remove external fuel tanks, centerline pylon, and wing pylons if installed on the aircraft.

3.2.1.18.3.1.4.1 - Remove and store external fuel tanks, if installed on aircraft, IAW CSTO SR1F-15SA-2-05JG-00-2 and TO 00-85A-03-1.

3.2.1.18.3.1.5 - Remove ALQ128 antennas right and left sides and install closure covers P/Ns 68A312914-2001 and -2002 or leave the antennas installed and cover with blast tape prior to stripping aircraft.

3.2.1.18.3.2 - Wash Rack Work Requirements:
NOTE: All safety regulations and precautions called out in applicable TOs shall be strictly adhered to.

3.2.1.18.3.2.1 - Properly "ground" aircraft IAW CSTO SR1F-15SA-2-05JG-00-1.

3.2.1.18.3.2.2 - Provide protection or mask off all "Open" and "Exposed" areas which are not to be washed. Use of such materials as barrier paper MIL-PRF-131 is recommended. Refer to TO 1-1-691 for other materials.

3.2.1.18.3.2.2.1 - Mask all radio and radar antennas as required.

3.2.1.18.3.2.2.2 - Mask all cables and hoses as required.

3.2.1.18.3.2.2.3 - Cover all exposed bearings and rod ends.

3.2.1.18.3.2.2.4 - Mask pitot static openings and angle of attack probes.

3.2.1.18.3.2.2.5 - Mask air inlet ducts and louvers in the areas which are required to be washed or depainted.

3.2.1.18.3.2.2.6 - Engine air intakes and exhausts shall be properly sealed off as required.

3.2.1.18.3.2.2.7 - All doors and hatches shall be masked/protected.

3.2.1.18.3.2.2.8 - All canopy areas shall be masked/protected. CAUTION: All acrylic canopy areas located adjacent to areas to be depainted must be covered with barrier paper, MIL-PRF-131, Class 1, and taped with 3M Corp No. 425 tape to prevent damage.

3.2.1.18.3.2.3 - Wash entire aircraft exterior surface areas IAW TO 1-1-691 and CSTO SR1F-15SA-2-12JG-20-1
NOTE: Special emphasis must be placed on proper protection of wheels and bearings. Do not clean installed aircraft wheels/brakes.

3.2.1.18.3.2.4 - Strip the aircraft exterior surfaces IAW TAB C. Use extreme caution to prevent the paint stripper from being trapped in aircraft structure entrapments. Ailerons, flaps, stabilators, rudders, speedbrake and intake ramps, and pylons and tanks (when applicable) shall be stripped and painted IAW instructions for remainder of aircraft. Plastic and composite items shall be masked and protected from paint stripper during paint stripping operations. Non-Improved Construction Radomes (ICR) shall be sanded to the black tracer coat IAW TAB C and prepared and repainted IAW CSTO SR1F-15SA-23, Chapter 1, Section III using polyurethane coating (color dark grey 36176 or light grey 36251 to match surrounding color). NOTE: Seams around removable panels that are going to have new form-in place seals made after panel removal do not require masking before paint stripping.

3.2.1.18.3.2.5 - Prior to alodine, water break test is not required.

3.2.1.18.3.2.6 - Remove barrier paper, tape, or other means of surface protection, and handstrip required surfaces that were covered IAW residual paint removal methods in TO 1-1-8.

3.2.1.18.3.2.7 - Lubricate areas of the aircraft that were exposed to cleaning operations IAW CSTO SR1F-15SA-2-12JG-20-1.

3.2.1.18.3.2.8 - Tow aircraft to repair hangar and park IAW CSTOs SR1F-15SA-2-09JG-00-1, SR1F-15SA-2-10JG-00-1, and TO 11A-1-33.

3.2.1.18.3.3 - Ailerons and Flaps:

3.2.1.18.3.3.1 - Inspect the flap and aileron structures for corrosion damage and other discrepancies IAW CSTO SR1F-15SA-23.

3.2.1.18.3.3.2 - Clean all corrosion deposits from the flaps and ailerons, IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.3.3 - Chemically treat all previously painted bare metal areas, IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.3.4 - Prime and paint IAW TAB C and TO 1-1-8 and CSTO SR1F-15SA-23.

3.2.1.18.3.3.5 - Lubricate flaps and ailerons IAW CSTO SR1F-15SA-2-27JG-( )-( ) series.

3.2.1.18.3.3.6 - Repair of flight control surfaces will be IAW CSTOs SR1F-15SA-23, SR1F-15SA-2-27JG-( )-( ) series and SR1F-15SA-3-4.

3.2.1.18.3.4 - Right and Left Wing:

3.2.1.18.3.4.1 - Visually inspect upper wing panels for corrosion and corrosion damage, IAW CSTO SR1F-15SA-23. **NOTE: If bulging skin or fretting of fasteners is noted, fasteners must be removed for further inspection.**

3.2.1.18.3.4.2 - Remove upper wing doors 130 L/R, 131 L/R, 132 L/R, 133 L/R, 134 L/R, 136 L/R, 137 L/R, 138 L/R, 140 L/R, 141 L/R, 142 L/R, 143 L/R, 171 L/R, 172 L/R, 173 L/R, 174 L/R, 175 L/R, 177 L/R and panels (part numbers 68A112338 L/R and 68A112339 L/R). Inspect doors, panels and exposed areas for wear, corrosion damage and safety of flight discrepancies.

3.2.1.18.3.4.3 - Visually inspect lower wing panels for wear and corrosion damage.

3.2.1.18.3.4.4 - Visually inspect lower wing trailing edge for wear and corrosion damage.

3.2.1.18.3.4.5 - Remove inboard upper and lower fairings (Door 58 L/R, Door 62L/R, Door 64 L/R, Door 68 L/R, Door 70 L/R, Door 101 L/R, Door 133 L/R, Seal P/Ns 68A113057 & 68A113168, Cover P/N 68A113056, Cover P/N 68A113117, Door 190 L/R, Door 90 L/R, Door 81 L/R, Door 73 L/R, Door 189 L/R, Door 188 L/R, Door 187 L/R, and Door 50 L/R).

3.2.1.18.3.4.5.1 - After the aircraft is stripped, inspect removed fairings for corrosion and/or deteriorating paint. Correct corrosion IAW TO 1-1-691 and CSTO SR1F-15SA-23. Prior to full aircraft paint, reinstall fairings. Paint IAW TAB C, TO 1-1-8, and CSTO SR1F-15SA-23.

3.2.1.18.3.4.5.2 - Inspect the area between the fuselage and the wing for corrosion. Correct corrosion per CSTO

SR1F-15SA-23 and TO 1-1-691.

3.2.1.18.3.4.6 - Visually inspect upper and lower wing attach fittings for corrosion and cracks.

3.2.1.18.3.4.7 - Visually inspect fastener rows externally along the spars and upper and lower wing panels for corrosion. **NOTE: If bulging skin or fretting of fasteners is noted, fasteners must be removed for further inspection.**

3.2.1.18.3.4.8 - Remove dump mast and inspect closure rib and dump mast for corrosion. Replace corroded nut plates and clean/treat corrosion on rib and dump mast.

3.2.1.18.3.4.9 - Visually inspect the upper and lower exterior surfaces for corrosion, cracks, gouges, streaking or loose fasteners, deformations, and other such discrepancies. Mark identified issues for disposition/repair and submit AFMC Form 202 for engineer assistance if damage is beyond standard CSTO or TO repair direction.

3.2.1.18.3.4.10 - Remove corrosion on wing panels, skins, and areas between the wings and fuselage. Treat IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.4.11 - Blend corrosion repairs in wing panels and skin IAW TO 1-1-691 and CSTO SR1F-15SA-3-2.

3.2.1.18.3.4.12 - Remove corrosion in trailing edge boxes while panels are open for other work. Treat IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.4.13 - Remove corrosion in the leading edge of the wing before reinstallation. Treat IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.4.14 - Inspect wing tips for corrosion behind formation light 5365-7 and 5365-8 on rib 68A117152. As necessary repair IAW CSTO SR1F-15SA-3-5. Submit AFMC Form 202 for F-15SA Engineering assistance if damage is beyond standard CSTO repair direction.

3.2.1.18.3.4.15 - Reinstall serviceable panels that were removed (Seal IAW paragraph 3.2.1.18.2.1).

3.2.1.18.3.4.16 - Clean the R/L wing exterior surfaces of all foreign debris. Remove sealant from area between dump mast and dump mast fairing.

3.2.1.18.3.4.17 - Chemically treat all previously painted bare metal, IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.4.18 - Prime and paint IAW TAB C, TO 1-1-8, and CSTO SR1F-15SA-23.

3.2.1.18.3.5 - Empennage:

3.2.1.18.3.5.1 - Visually inspect all visible structure of the vertical stabilizers for corrosion IAW CSTO SR1F-15SA-23. NOTE: If bulging skin or fretting of fasteners is noted, fasteners must be removed for further inspection**.**

3.2.1.18.3.5.2 - Visually inspect corrosion prone items/areas and critical items/areas IAW CSTO SR1F-15SA-23.

3.2.1.18.3.5.3 - Visually inspect rudders for corrosion.

3.2.1.18.3.5.4 - Visually inspect rudder hinge brackets and bearings for corrosion damage.

3.2.1.18.3.5.5 - Visually inspect all visible parts/components, wiring, systems, etc., for corrosion, cracks, gouges, streaking or loose fasteners, deformations, and other similar discrepancies. Mark identified issues for disposition/repair and submit AFMC Form 202 for F-15SA Engineer assistance if damage is beyond standard CSTO or TO repair direction within the empennage area.

3.2.1.18.3.5.6 - Clean all corrosion deposits from all vertical stabilizer and rudder exterior structure (left and right) IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.5.7 - Clean all corrosion from rudder attach points IAW TO 1-1-691 and CSTO 1F-15SA-23.

3.2.1.18.3.5.8 - Chemically treat all previously painted bare metal areas of vertical stabilizers, rudders, and horizontal stabilators IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.5.9 - Prime and paint vertical stabilizers, rudders and horizontal stabilators IAW TAB C, TO 1-1-8, and CSTO SR1F-15SA-23.

3.2.1.18.3.5.10 - Repair of flight control surfaces will be IAW CSTOs SR1F-15SA-3-4, SR1F-15SA-2-27JG series, and SR1F-15SA-23.

3.2.1.18.3.6 - Forward Fuselage:

3.2.1.18.3.6.1 - Visually inspect forward fuselage (nose- F.S. 425.000) for corrosion IAW CSTO SR1F-15SA-23. Visually inspect canopy to determine if removal is required for further maintenance.
NOTE: If bulging skin or fretting of fasteners is noted, fasteners must be removed for further inspection.

3.2.1.18.3.6.2 - Open doors 1, 3 L/R, 6 L/R, 10 L/R and 15. Inspect radar antenna, and compartments, doors, avionics bays and ECS bay for corrosion.

3.2.1.18.3.6.3 - Visually inspect all corrosion prone areas IAW CSTO SR1F-15SA-23.

3.2.1.18.3.6.4 - Clean all corrosion deposits on forward fuselage IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.6.5 - Clean the forward fuselage of all foreign debris, IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.6.6 - Chemically treat all previously painted bare metal areas of forward fuselage IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.6.7 - Paint forward fuselage (nose - F.S. 425.000) exterior surfaces IAW TAB C, TO 1-1-8, and CSTO SR1F-15SA-23.

3.2.1.18.3.6.8 - Reinstall or close serviceable doors that were removed or opened. Repair damaged form-in-place seals on hinged doors IAW CSTOs SR1F-15SA-23 and SR1F-15SA-3-5.

3.2.1.18.3.7 - Cockpit(s) and Equipment Bay Five

3.2.1.18.3.7.1 - Visually inspect all accessible areas in cockpit/equipment Bay Five for corrosion and/or deteriorating paint. Pay particular attention to floors, walls and interior surfaces. Inspection areas should include, but not be limited to, the items described in paragraphs 4-3 through 4-38 of the CSTO SR1F-15SA-23 for the "main structural

assembly". To determine the extent of corrosion or paint deterioration in the cockpit or equipment Bay Five, mounted accessories/components may require removal or shifting from their prescribed location. Egress seats must be removed prior to this inspection IAW CSTO SR1F-15SA-2-95JG-21-( ). Record information IAW CSTOs SR1F-15SA-6 and TO 13A5-56-11.

3.2.1.18.3.7.1.1 - For F-15SA aircraft, prepare a list of corrosion prone critical items/areas from CSTO SR1F-15SA-23 to be used as a corrosion reporting record. Add to the list all additional items discovered during the inspection described in paragraph 3.2.1.18.3.7.1. Use the following format, aircraft S/N, Part No. or nomenclature, type of corrosion, location or item number. Forward the corrosion reporting record to F-15SA Engineering after all work is accomplished in the cockpit/equipment Bay Five.

3.2.1.18.3.7.1.2 - Remove all electronic power distribution, control boxes etc. from the left and right consoles. Inspect all accessible structure for corrosion and/or paint deterioration. Inspect additional structure for corrosion and/or paint deterioration in the following forward crew station areas: behind all insulation blankets detailed in CSTO SR1F-15SA-4-1, Fig 1-58 and Fig 1-59, Forward and Aft Crew Station Thermal Insulation Blanket Installation. Document all corrosion as directed in paragraph 3.2.1.18.3.7.1.1 and list index location by index number of insulation blanket. Corrosion will be verified by Quality Assurance and treated as over and above effort as directed by the SPO. Prior to corrosion rework/painting, mask all remaining equipment to prevent the entrapment of dust generated during corrosion rework or painting, etc. Remove corrosion by sanding methods only. Do not use chemical stripper except in small areas where it can be used with no residue remaining in the aircraft structure. Abrasive blasting shall not be used in the cockpit corrosion rework or paint correction.

3.2.1.18.3.7.1.3 - Inspect the cockpit canopy fuselage sills for corrosion and/or deteriorating paint. Correct all corrosion and deteriorating paint IAW TO 1-1-8, 1-1-691, and CSTO SR1F-15SA-23. NOTE: (Prior to corrosion rework or painting, mask by means of protective cover any remaining equipment or controls to prevent the retention of dust, paint overspray, etc. on to the equipment in the cockpit/equipment Bay Five). Use mechanical methods to correct corrosion. Sand deteriorating paint down to the primer coat or bare metal as necessary. Sand the remaining areas of the sill to the primer coat. Chemically treat bare metal areas. Paint the entire sill with one coat of primer and two coats of topcoat IAW TO 1-1-8, 1-1-691, CSTO SR1F-15SA-23, and AES-F15SA-PAINT-2026.

3.2.1.18.3.7.2 - Visually inspect all accessible electrical connections, relays, mount brackets and cannon plugs for corrosion. Repair or replace as necessary. Corrosion removal/treatment shall be accomplished IAW TO 1-1-689.

3.2.1.18.3.7.3 - Remove Bay Five floor cover panels and inspect for corrosion.

3.2.1.18.3.7.4- If corrosion is found around fasteners, remove fasteners, remove and treat corrosion, and install new fasteners wet with PR-1403G or MIL-S-8784B Class A sealant or a sealant IAW TO 1-1-691, Table A-2, Item No. 88. NOTE: For line replaceable units (LRUs) this includes only removable attachment fasteners and hardware.

3.2.1.18.3.7.5 - Clean all corrosion deposits and treat IAW TO 1-1-691 and CSTO SR1F-15SA-23. Do not exceed the applicable rework limits defined in CSTO SR1F-15SA-3-2. Chemical paint removers or strippers shall not be used in cockpit/equipment Bay Five, except where the area of paint to be removed is small enough so that no chemical paint stripper residue will be left entrapped in the aircraft structure. Abrasion blasting shall not be used in the cockpit/equipment Bay Five for corrosion paint removal. After all corrosion cleaning and treatment is accomplished and prior to painting and/or reinstallation of equipment, the SOR shall submit the individual aircraft work records and the aircraft to Quality Assurance (QA) for inspection. The purpose of this inspection requirement by QA is to ensure the work is of acceptable quality and no foreign residue exists on the aircraft structure prior to painting. QA shall accept or reject the quality of the rework. Upon rejection, the SOR shall correct all discrepancies and resubmit to QA.

Upon acceptance of the work the SOR shall proceed to painting.

3.2.1.18.3.7.6 - Chemically treat and paint all previously painted bare metal areas in equipment Bay Five IAW TAB C, CSTO SR1F-15SA-23, TO 1-1-8 and 1-1-691, and AES-F15SA-PAINT-2026.

3.2.1.18.3.7.7 - Reinstall serviceable equipment and panels that were removed for corrosion inspection. Perform all functional tests and checks required by the appropriate CSTOs, TOs and this WS.

3.2.1.18.3.7.8 - The use of authorized brushes IAW TO 1-1-8 for painting in PDM hangar is approved to correct all corrosion, deteriorating primer and paint in the cockpit/equipment Bay Five, and hidden area.

3.2.1.18.3.7.9 - Corrosion treatment of line replaceable units (LRUs) such as miscellaneous relay and console panels in the cockpit/equipment Bay Five and some other areas is not the SOR`s initial work requirement.

3.2.1.18.3.8 - Center Fuselage:

3.2.1.18.3.8.1 - Visually inspect center fuselage (F.S. 415.000 - F.S. 626.900) for corrosion. This includes the engine air intake ducts IAW CSTO SR1F-15SA-23. NOTE: If bulging skin or fretting of fasteners is noted, fasteners must be removed for further inspection.

3.2.1.18.3.8.2 - Open or remove doors 26, 32 L/R, 34, 35, 37 L/R, 38 L/R, 44, 55, 56 L/R, 57, 60, 63, 67 L/R, 69, 77 L/R, 83, 85 L/R, 88 L/R, 148 L/R, 158 L/R, 196 and fairing 68A323001. Inspect fairings, doors and exposed areas for corrosion.

3.2.1.18.3.8.3 - Visually inspect all corrosion prone areas IAW CSTO SR1F-15SA-23 for corrosion. NOTE: If bulging skin or fretting of fasteners occurs, fasteners must be removed for further inspection.

3.2.1.18.3.8.4 - Inspect side load scissors inlet link assembly, attaching bolts (part numbers ST3M453-5D18 and ST3M453-5D40) and first ramp stringer assembly (part number 68A328024 and 68A328025) lugs for corrosion and corrosion damage.

3.2.1.18.3.8.5 - Clean all corrosion deposits on center fuselage, IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.8.6 - Clean the center fuselage of all foreign debris IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.8.7 - Reinstall or close serviceable doors or panels that were removed or opened (seal IAW paragraph 3.2.1.18.2.1).

3.2.1.18.3.8.8 - Chemically treat all previously painted bare metal areas of the center fuselage IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.8.9 - Paint center fuselage IAW TAB C, TO 1-1-8, CSTO SR1F-15SA-23 and AES-F15SA-PAINT-2026.

3.2.1.18.3.9 - Aft Fuselage:

3.2.1.18.3.9.1 - Visually inspect aft fuselage (F.S. 626.900 - vertical stabs) for corrosion IAW CSTO SR1F-15SA-23. NOTE: If bulging skin or fretting of fasteners is noted, fasteners must be removed for further inspection.

3.2.1.18.3.9.2 - Visually inspect all corrosion prone areas IAW CSTO SR1F-15SA-23. NOTE: If bulging skin or fretting of

fasteners occurs, fasteners must be removed for further inspection.

3.2.1.18.3.9.3 - Clean all corrosion deposits on aft fuselage IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.9.4 - Clean the aft fuselage of all foreign debris IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.9.5 - Reinstall or close serviceable doors that were removed or opened. Repair damaged form in place seals on hinged doors IAW CSTOs SR1F-15SA-23 and SR1F-15SA-3-5.

3.2.1.18.3.9.6 - Chemically treat all previously painted bare metal areas of the aft fuselage IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.9.7 - Paint aft fuselage surfaces IAW TAB C, TO 1-1-8, CSTO SR1F-15SA-23 and AES-F15SA-PAINT-2026.

3.2.1.18.3.10 - Nose Wheel well and Nose Landing Gear:

3.2.1.18.3.10.1 - Inspect all visible airframe structures within the nose wheel well for corrosion IAW CSTO SR1F-15SA-23.

3.2.1.18.3.10.1.1 - Inspect nose gear components and parts attached to nose gear components for corrosion.

3.2.1.18.3.10.1.2 - Inspect all longerons for corrosion. This includes, but not limited to, canopy sill and upper inboard longerons.

3.2.1.18.3.10.1.3 - Inspect nose wheel well doors for corrosion.

3.2.1.18.3.10.1.4 - Inspect nose landing gear (NLG) wheel well for corrosion and damage.

3.2.1.18.3.10.2 - Inspect aircraft structures, systems/components, visible antifriction bearings, etc. in the nose wheel well area IAW CSTO SR1F-15SA-23. Repair or replace corroded components as required.

3.2.1.18.3.10.3 - Clean all corrosion deposits within the nose wheel well and nose landing gear areas IAW CSTO SR1F-15SA-23 and TO 1-1-691. Repair and replace corroded components as required.

3.2.1.18.3.10.4 - Clear the nose wheel well area of all foreign debris IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.10.5 - Chemically treat bare metal areas IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.10.6 - Touch up nose landing gear well and nose landing gear chemically treated areas IAW TAB C, CSTO SR1F-15SA-2-32JG-( )-( ) series, CSTO SR1F-15SA-23, and TO 1-1-8.

3.2.1.18.3.10.7 - Lubricate nose landing gear IAW CSTO SR1F-15SA-2-32JG-( )-( ) series.

3.2.1.18.3.11 - Right/Left Main Wheel wells and Main Landing Gear:

3.2.1.18.3.11.1 - Visually inspect all airframe structures within the right and left main landing gear (MLG) wheel wells, and specific critical items listed below for corrosion damage IAW CSTO SR1F-15SA-23.

3.2.1.18.3.11.1.1 - Right and left MLG.

3.2.1.18.3.11.1.2 - Bulkheads.

3.2.1.18.3.11.1.3 - All stringers and stiffeners.

3.2.1.18.3.11.1.4 - Wheel well doors.

3.2.1.18.3.11.1.5 - Inspect MLG wheels for corrosion and damage.

3.2.1.18.3.11.2 - Inspect all airframe structures, MLG and aircraft systems/components for corrosion, cracks, gouges, streaking or loose fasteners, deformations, and other such discrepancies. Mark identified issues for disposition/repair and submit AFMC Form 202 for F-15SA Engineering assistance if damage is beyond standard CSTO/TO repair direction.

3.2.1.18.3.11.3 - Clean all corrosion deposits from both wheel well structures and landing gear IAW TO 1-1-691 and CSTO SR1F-15SA-23. Repair or replace corroded components as required.

3.2.1.18.3.11.4 - Visually inspect the main wheel well area and clean off all foreign debris.

3.2.1.18.3.11.5 - Chemically treat all bare metal areas IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.11.6 - Touch up main wheel wells and MLG chemically treated areas IAW TAB C, TO 1-1-8, and CSTO SR1F-15SA-23. NOTE: MLG micro switch actuators shall not be painted and must be protected during painting operations. Micro switch actuators must have freedom of movement.

3.2.1.18.3.11.7 - Lubricate MLG and wheel well doors IAW CSTO SR1F-15SA-2-32JG-( )-( ) series.

3.2.1.18.3.12 - Pylons:

3.2.1.18.3.12.1 - Visually inspect pylons for corrosion and/or deteriorating paint.

3.2.1.18.3.12.2 - Remove all removable panels from pylons for corrosion inspection. Visually inspect pylon structural areas for corrosion.

3.2.1.18.3.12.3 - Visually inspect all accessible electrical connections and cannon plugs for corrosion. Repair or replace as necessary. Corrosion removal and treatment of cannon plugs should be IAW TO 1-1-689.

3.2.1.18.3.12.4 - Clean all accessible corrosion deposits and treat IAW TOs 1-1-691 and 16W6-25-3.

3.2.1.18.3.12.5 - Reinstall serviceable panels that were removed. Install panels with fay surface seals using MIL-S-83430A sealant and install fasteners wet using PR-1403G Class A sealant (substitute sealants are listed in paragraph 3.2.1.18.2.1.2).

3.2.1.18.3.12.6 - Correct corrosion IAW CSTO SR1F-15SA-23 and TOs 16W6-25-3 and 1-1-691.

3.2.1.18.3.12.7 - Strip pylons of exterior paint as required by scoring of the pylon (mask and protect pylon interior equipment and systems, attach points, wiring and hoses), treat all bare metallic surfaces, repaint and apply lettering IAW TO 16W6-25-3.

3.2.1.18.3.12.8 - Chemically treat and paint all previously painted bare metal areas on the pylons IAW TAB C, TOs 16W6-25-3, 1-1-8, 1-1-691, and AES-F15SA-PAINT-2026.

3.2.1.18.3.13 - General instructions for Painting and Marking of Aircraft Exterior Surfaces.
NOTE: All personnel engaged in paint operations shall be familiar with and strictly adhere to all manuals and regulations regarding personnel health, fire prevention, handling of equipment, electrical grounding, storage of paint materials, use of explosive proof electrical equipment, etc.

3.2.1.18.3.13.1 - Properly cover or mask off all areas such as canopy, antennas, pitot heads, static eliminators, actuator polished surfaces, bearings, MLG micro switch actuators, etc. These areas must be protected during priming and painting operations.

3.2.1.18.3.13.2 - All areas that have been chemically treated shall be primed IAW TO 1-1-8 and CSTO SR1F-15SA-23.

3.2.1.18.3.13.3 - Top coat shall be applied IAW TAB C, TO 1-1-8, CSTO SR1F-15SA-23, and AES-F15SA-PAINT-2026.

3.2.1.18.3.13.4 - All aircraft areas shall be restored in the original input configuration or as otherwise directed AES-F15SA PAINT-2026.

3.2.1.18.3.13.5 - All aircraft insignias, markings, and decals shall be restored IAW CSTO SR1F-15SA-23 and AES-F15SA PAINT-2026.

3.2.1.18.3.13.6 - All masking or barrier paper shall be removed from the aircraft.

3.2.1.18.3.13.7 - All canopy and windshield assemblies shall be free from paint overspray.

3.2.1.18.3.13.8 - Final QA inspection of aircraft exterior paint and marking application shall be performed during daylight hours.

3.2.1.18.3.14 - ACES-II Seat Inspections:

3.2.1.18.3.14.1 - Remove all items from the seat that may be affected by corrosion treatment process. This includes, but is not limited to the following items: explosive items and their major components, ejection control handles, seat pan, headrest assembly, handle guards, inertial reel, oxygen bottle, emergency restraint handle, environmental sensor recovery sequencer, drogue chute, sequencer start switch, rollers, interdicter assembly, and all linkage, hoses, and connecting hardware.

3.2.1.18.3.14.2 - Correct all corrosion and deteriorating paint IAW TO 13A5-56-11.

3.2.1.18.3.14.3 - Reassemble the seat and replace all "O" rings and corroded hardware items. Install new lettering on the seat and comply with all required operational checks on the seat IAW TO 13A5-56-11.

3.2.1.18.3.15 - Backshop:

3.2.1.18.3.15.1 - General.

3.2.1.18.3.15.2 - Small parts and other such parts removed for corrosion control shall be cleaned and treated IAW TOs 1-1-8, 1-1-691, CSTO SR1F-15SA-23, and other applicable directives. Document work on AFTO Form 349 or SOR

applicable form action.

3.2.1.18.3.15.2.1 - All "Cautions" and "Safety Regulations" shall be strictly complied with during washing, treating, and stripping of all parts.

3.2.1.18.3.15.2.2 - Provide proper protection (e.g. masking) for all items such as bearings, rod ends, plastic phenolic or composite parts during washing, treating, and stripping. This procedure also applies to parts being abrasively blasted.

3.2.1.18.3.15.2.3 - Use strippers only in "Open" work areas or on surfaces. Use only authorized polyurethane strippers IAW TO 1-1-8, CSTO SR1F-15SA-23 and TAB C of this WS.

3.2.1.18.3.15.2.4 - When removing paint in enclosed areas or in areas where stripper or stripper residue cannot be flushed out with water, use Methylene Chloride, ASTM-D-4701, Ethyl Acetate TT-E-751, Lacquer Thinner A-A-857, or Ketone ASTM-D-740. Reference TO 1-1-8, paragraph 2-8.

3.2.1.18.3.15.2.5 - After completion of all washing, stripping and chemical treating operations, use adequate quantities of high-pressure hot water to rinse and flush all stripper, residue, and all other corrosion treatment chemicals from all surfaces and structure entrapments. Reference TOs 1-1-691, 1-1-8 and CSTO SR1F-15SA-23.

3.2.1.18.3.15.2.6 - Abrasive blasting of all parts shall be IAW TO 1-1-691 and 1-1-8**.** No form of blasting shall be performed without the approval of F-15SA Engineering (bead blast, vacuum blast, walnut hull blast etc.).

3.2.1.18.3.15.3 - Inspect all visible areas of the canopy and external fuel tank for corrosion IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.15.4 - Remove corrosion and repair or replace unserviceable components on the canopy and external fuel tanks IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.15.5 - Chemically treat all bare metal areas on the canopy and external fuel tanks IAW TO 1-1-691 and CSTO SR1F-15SA-23.

3.2.1.18.3.15.6 - Prime and paint visible areas of the canopy and external fuel tank for corrosion IAW TOs 1-1-691, 1-1-8 and CSTO SR1F-15SA-23.

3.2.1.18.3.16 - Post Dock Work Requirements:

3.2.1.18.3.16.1 - All post dock work shall be accomplished IAW this WS for installation of removed components.

3.2.1.18.3.16.2 - Reinstall all removed avionics equipment IAW applicable TOs and CSTOs.

3.2.1.18.3.16.3 - Reinstall the egress system IAW CSTO SR1F-15SA-2-95JG-( )-( ) series.

3.2.1.18.3.16.4 - Rearm the fire extinguisher system IAW CSTO SR1F-15SA-2-26JG-20-1.

3.2.1.18.3.16.5 - Reinstall flight controls and perform flight control surface travel checks.

3.2.1.18.3.16.6 - Perform operational checks of landing gear system.

3.2.1.18.3.16.7 - Injection seal all wing integral fuel tanks IAW CSTO SR1F-15SA-3-5.

3.2.1.18.3.16.8 - Reinstall pylons.

3.2.1.18.3.16.9 - Reinstall external fuel tanks if applicable IAW CSTO SR1F-15SA-2-05JG-00-1, SR1F-15SA-2-05JG-00-2, or SR1F-15SA-2-05JG-00-3.

3.2.1.18.3.16.10 - Reinstall canopy and rig IAW CSTO SR1F-15SA-2-95JG-21-( ) series.

3.2.1.18.3.16.11 - Service aircraft fuel systems IAW CSTO SR1F-15SA-2-28JG-00-( ) series.

3.2.1.18.3.16.12 - Perform engine run IAW CSTO SR1F-15SA-2-05JG-21-1 or SR1F-15SA-2-05JG-21-2.

3.2.1.18.3.16.12.1 - Perform all required operational checks.

3.2.1.18.3.16.12.2 - After shut down, check and service engine oil system.

3.2.1.18.3.17 - Final Lubrication:

3.2.1.18.3.17.1 - The final lubrication shall be accomplished IAW CSTO SR1F-15SA-2-12JG-20-1.

3.2.1.19 - TAB A Analytical Condition Inspection (ACI) of Aircraft

3.2.1.19.1 - Scope

3.2.1.19.1.1 - This TAB A establishes the requirement for specialized disassembly, inspection, and reassembly of F-15SA Aircraft in the ACI program. The intent of the ACI is to uncover defects that may not be detected through normal preventive maintenance inspection programs and to accumulate data for engineering and technical evaluations of the relative condition of the aircraft.

3.2.1.19.1.2 - The requirements of this Tab A form the total inspections required for the ACI program. Results of all inspections shall be recorded in detail and reported as specified in the ACI Reporting section.

3.2.1.19.1.3 - Data resulting from this program must be complete and presented so that sound engineering and technical evaluations relative to the following areas can be performed:(l) flight safety condition of the aircraft, (2) component replacement/wear out intervals, (3) PDM time intervals determined (4) PDM work requirements, (5) establishment of inspection requirements and intervals, (6) structural integrity determinations and (7) systems maintainability.

3.2.1.19.2 - General Requirement

3.2.1.19.2.1 - Defects - For the purpose of the ACI, improperly executed maintenance procedures, unauthorized maintenance procedures and repairs, errors discovered in any publication used to accomplish the ACI, malfunctioning systems or components and any unsatisfactory condition discovered with the aircraft during the ACI shall be considered a discrepancy and reported in the record submitted in the F-15SA AFTO Form 3 database (via Web Safe or other approved system).

3.2.1.19.2.2 – Deleted.

3.2.1.19.2.3 - Finish Requirements - When the existing finish is removed from parts in order to perform the NDI specified herein, undamaged parts shall be refinished as specified by CSTO SR1F-15SA-23 after completing required inspections and repairs.

3.2.1.19.2.4 - Defective Item Exhibits - Parts found defective and not made serviceable may require further laboratory analysis by F-15SA Engineering. They will be retained at the SOR in the same condition as removed from the aircraft until shipping or disposition instructions are received from F-15SA Engineering. Parts may be disposed of if instructions are not received within 60 days after receipt of the ACI record into the F-15SA AFTO Form 3 database (via Web Safe or other approved system).

3.2.1.19.2.5 - Disassembly - The SOR shall disassemble the aircraft to gain access to the various structural areas and items as required to accomplish the inspections.

3.2.1.19.2.6 - Inspection - The SOR shall accomplish a thorough structural and/or systems ACI of the specific areas. Particular attention shall be given to the documentation of any corrosion affecting the structural integrity of the aircraft.

3.2.1.19.2.7 - Technical Data - The SOR shall accomplish all disassembly, repair, and reassembly IAW applicable F-15SA TOs and CSTOs. The SOR shall report all discrepancies noted in the TOs or CSTOs via a Recommended Change (RC) requested through the F-15SA SPO (System Program Office) TOMA (Technical Order Manager).

3.2.1.19.2.8 Repair - Structural/corrosion damage will be repaired IAW CSTOs SR1F-15SA-3 series, SR1F-15SA-23, TOs 1-1A-1, and 1-1-691 or F-15SA Engineering guidelines, as required. Damage in excess of TO or CSTO limitations will be reported on AFMC Form 202 for disposition by F-15SA Engineering. Correct all discrepancies discovered as a result of this Tab, providing capability, parts and materials are available. Additional man-hours and flow days will require separate negotiations on an individual basis if not able to be used on over and above hours.

3.2.1.19.2.9 - Reassembly - Upon completion of inspections and repairs, the SOR shall reassemble the aircraft IAW applicable technical publications directives and restore the aircraft to a serviceable condition. All structure shall be sealed per CSTO SR1F-15SA-23 upon reassembly.

3.2.1.19.2.10 – All ACI tasks that require the aircraft to be jacked, leveled, and shored shall be performed when the aircraft is jacked, leveled, and shored during normal PDM maintenance.

3.2.1.19.3 - Inspections

3.2.1.19.3.1 - NDI the left and right wing torque box upper inboard skins integral stiffener runouts IAW CSTO SR1F-15SA-36.

3.2.1.19.3.2 - Visually inspect the upper aft fuselage MATS or BLATS panels, P/Ns 68A336201 or 68A336229 left and right, interior and exterior surfaces. Correct defects as needed.

3.2.1.19.4 - ACI Reporting

3.2.2 - Part B Depot Modifications

3.2.2.1 - Comply with CSTCTOs.

3.2.2.1.2 - O&I level CSTCTOs that have less than 60 days to rescission date shall be accomplished after the provided parts, kits and skills are available. Time shall be computed to determine a scheduled output date and must be recomputed when a firm AMREP date is set.

3.2.3 - Part C Negotiated CSTCTOs

3.2.3.1 - Complete negotiated CSTCTOs/other work. Comply with Safety CSTCTOs field and depot level IAW TO 00-5-15

3.2.4 - Part D Negotiated Maintenance

3.2.5 - Part E Special Depot Requirements

3.2.5.1 - Tooling and Support Equipment

3.2.5.1.1 - The special/common tooling and support equipment listed in Attachment 3 shall be required. The NSNs and Part Numbers can vary due to the continually evolving process of the Air Force Master Item Identification Database (D043A).

3.2.5.1.2 - The tooling for outer wing repair listed in Attachment 3 shall be required.

4.0 - Final Processing of Aircraft

4.1 Finishing

4.1.1 Perform explosive vapor level check IAW TO 1-1-3 on each wing leading edge through drain holes and wing tips using an R-2 combustible and toxic gas indicator or equivalent prior to applying electrical power at functional test.

4.1.2 - Install and arm seat(s) IAW CSTOs SR1F-15SA-2-95JG-11-1 and SR1F-15SA-2-95JG-11-2.

4.1.3 - Install parachute and survival kit IAW CSTO SR1F-15SA-2-95JG-50-1.

4.1.4 - Install and rig canopy IAW CSTO SR1F-15SA-2-95JG-21-( ).

4.1.5 - Before the first engine run, NDI the variable ramps for FOD material IAW CSTO SR1F-15SA-36. Remove the accessible FOD from the variable ramps. If required per CSTO SR1F-15SA-3-4, NDI the variable ramps again.

4.1.6 - Install the engine fire extinguisher bottles and fire extinguisher cartridges IAW CSTO SR1F-15SA-2-26JG-20-1. Visually inspect for condition and proper installation.

4.2 - De-preservation

4.2.1 - Remove all temporary plugs, caps, and covers. Ensure that all intake and exhaust ports and static and vent ports are open and cleared of obstructions. Comply with TO 1-1-17 and CSTO SR1F-15SA-17 when applicable.

4.2.2 - De-preserve and install engines and Jet Fuel Starter (JFS) IAW TO 2J-1-18, CSTOs SR1F-15SA-17, SR1F-15SA-2-71JG-03-1, SR1F-15SA-2-80JG-10-1 and other applicable TOs or CSTOs. Install the AMAD driveshafts while installing the engines IAW CSTO SR1F-15SA-2-83JG-10-1.

4.3 - Servicing

4.3.1 - Install safety devices IAW CSTO SR1F-15SA-2-05JG-00-1, SR1F-15SA-2-05JG-00-2, or SR1F-15SA-2-05JG-00-3.

4.3.2 - Service the utility reservoir IAW CSTO SR1F-15SA-2-12JG-10-2 (SSSN 12-10-24).

4.3.3 - Service the Integrated Drive Generator (IDGs) IAW CSTO SR1F-15SA-2-12JG-10-1 (SSSN 12-10-17).

4.3.4 - Service the AMADs IAW CSTO SR1F-15SA-2-12JG-10-1 (SSSN 12-10-06).

4.3.5 - Service the Power Control 1 (PC1) reservoir IAW CSTO SR1F-15SA-2-12JG-10-2 (SSSN 12-10-23).

4.3.6 - Service the Power Control 2 (PC2) reservoir IAW CSTO SR1F-15SA-2-12JG-10-2 (SSSN 12-10-23).

4.3.7 - Service the Jet Fuel Starter (JFS) IAW CSTO SR1F-15SA-2-12JG-10-1 (SSSN 12-10-08).

4.3.8 - Service the Central Gear Box (CGB) IAW CSTO SR1F-15SA-2-12JG-10-1 (SSSN 12-10-08).

4.3.9 - Service the Nose Landing Gear (NLG) and Main Landing Gear (MLG) struts IAW CSTO SR1F-15SA-2-12JG-10-2 (SSSN NLG 12-10-21, MLG 12-10-20).

4.3.10 - Service the engines IAW CSTO SR1F-15SA-2-12JG-10-1 (SSSN 12-10-16).

4.3.11 - Remove the plenum tape from louvers.

4.3.12 - Install engine run screens IAW CSTO SR1F-15SA-3-6.

4.3.13 - Fuel aircraft and perform leak checks IAW CSTO SR1F-15SA-2-12JG-10-1 or SR1F-15SA-2-12JG-10-2.

4.3.14 - Check for water contamination from fuel sample IAW CSTO SR1F-15SA-2-28JG-00-1, SR1F-15SA-2-28JG-00-2, SR1F-15SA-2-28JG-00-3, or SR1F-15SA-2-28JG-00-4.

4.3.15 - Arm aircraft system IAW CSTOs SR1F-15SA-2-28JG-23-1, SR1F-15SA-2-28JG-23-2, and SR1F-15SA-2-26JG-20-1.

4.3.16 - Perform engine green run IAW CSTO SR1F-15SA-2-05JG-21-1 or SR1F-15SA-2-05JG-21-2. Correct only those discrepancies approved by AES and organizational repair on aircraft engines that can be fixed by replacing external components IAW applicable TOs and CSTOs.

4.3.17 - Remove engine run screens prior to first flight IAW CSTO SR1F-15SA-3-6.

4.3.18 - Perform a Joint Oil Analysis Program (JOAP) sample within thirty minutes of engine shutdown after the engine run(s) IAW CSTO SR1F-15SA-2-05JG-00-1, SR1F-15SA-2-05JG-00-2, or SR1F-15SA-2-05JG-00-3.

4.3.19 - Perform the lab test of the JOAP sample IAW TOs 33-1-37-1, 33-1-37-2, and 33-1-37-3.

4.3.20 - Perform all operational and functional checkouts of systems required for FCF IAW applicable TOs and correct checkout failures.

4.4 - Weight and Balance

4.4.1 - A weight and balance check shall be performed on all PDM aircraft. Additional criteria can be found in CSTO SR1F-15SA-5, paragraph 3-4, a through e. The check shall be accomplished after all CSTCTOs and PDM work has been accomplished and prior to the first FCF. If none of the criteria of CSTO SR1F-15SA-5, paragraph 3-4, a through e are applicable, then a calculated weight and balance may be used prior to the FCF. The actual weighing shall be accomplished after the FCFs and painting of the aircraft. All crash damaged aircraft and aircraft being demoded shall be weighed after completion of all work and prior to the first FCF. NOTE: The aircraft leveling requirement and procedure as contained in CSTO SR1F-15SA-5 may also be accomplished by the leveling procedure contained in CSTO SR1F-15SA-3-6.

4.5 - Preflight

4.5.1 - Accomplish a Preflight, Launch and End-of-Runway inspection IAW CSTOs SR1F-15SA-6WC-1, SR1F-15SA-6WC-2-2, and SR1F-15SA-6WC-2-3. A Preflight validity period of 48 hours will be utilized IAW TO 00-20-1.

4.6 - Flight Test

4.6.1 - Flight check aircraft IAW TOs 1-1-300 and CSTO SR1F-15SA-6CF-1. Discrepancies discovered by the flight check that affect systems that were disturbed during work accomplished by the SOR or that affects those systems identified in this WS as mission essential will be corrected prior to aircraft departure. This includes non-Safety of Flight (SOF) items as well as SOF.

4.7 - Post-Flight

4.7.1 - Accomplish a Recovery and Basic Postflight inspection IAW CSTOs SR1F-15SA-6WC-2-4 and SR1F-15SA-6WC-1.

4.7.2 - Inspect wheel and tire assemblies IAW TO 4T-1-3 at functional test and replace if necessary.

4.7.3 - After the first FCF, NDI the variable ramps for FOD material IAW CSTO SR1F-15SA-36. Remove the accessible FOD from the variable ramps. If required per CSTO SR1F-15SA-3-4, NDI the variable ramps again. A copy of the results shall be returned to the owning command with the aircraft.

4.7.4 - Clean cockpit after the FCF.

4.7.5 - After successful FCF and prior to wash/paint, defuel/purge the aircraft IAW TO 1-1-3, 1F-15-3, CSTOs SR1F-15SA-2-12JG-10-1, SR1F-15SA-2-12JG-10-2, SR1F-15SA-2-12JG-11-1, and SR1F-15SA-2-28GS-00-1.

4.7.6 - Wash and paint the aircraft IAW CSTOs SR1F-15SA-2-12JG-20-1 and SR1F-15SA-23 and Tab C of this WS.

4.7.7 - Apply Ceramkote during painting to the inner and outer wing, inner and outer horizontal stabilator and left and right vertical stabilizer leading edges IAW TAB C Paint and CSTO SR1F-15SA-23.

4.7.8 - Lubricate the aircraft IAW CSTOs SR1F-15SA-2-12JG-20-1 and other applicable JGs after wash and painting.

4.8 - Preparation for Ferry

4.8.2 - When required, use paint touch-up IAW CSTO SR1F-15SA-23 and TOs 1-1-691, 1-1-8 and 42A-1-1.

4.8.3 - Service all aircraft systems IAW CSTOs SR1F-15SA-2-12JG-( )-( ) and other applicable TOs and CSTOs.

4.8.4 - Install classified equipment if required IAW applicable TOs and CSTOs.

4.8.5 - Install all CSTO SR1F-15SA-21 aircraft standard equipment which came in with the aircraft as well as that equipment required for flight. Install the latest version of the Operational Flight Program (OFP) IAW CSTO SR1F-15SA-8-1 before releasing the aircraft. Conduct a joint inventory with the ferry crew.

4.8.6 - Install tank(s) and pylon(s) IAW CSTO SR1F-15SA-2-94JG-32-2 as required.

4.8.7 - Fuel aircraft and perform fuel transfer and leak checks IAW CSTOs SR1F-15SA-2-12JG-10-1 or SR1F-15SA-2-12JG-10-2, SR1F-15SA-2-28JG-21-1 or SR1F-15SA-2-28JG-21-2, SR1F-15SA-2-28JG-22-1, and SR1F-15SA-2-28JG-24-1.

4.8.8 - Arm weapons control and delivery system (pylons) IAW CSTO SR1F-15SA-33-1-2 and associated checklists (CLs).

4.8.9 - Accomplish a Preflight, Launch, and End-of-Runway inspection IAW CSTOs SR1F-15SA-6WC-1, SR1F-15SA-6WC-2-2, and SR1F-15SA-6WC-2-3. A Preflight validity period of 48 hours will be utilized IAW TO 00-20-1.

4.9 - Form Preparation

4.10 – Government Acceptance

4.10.1 - After using Command acceptance, indicated by a signed DD Form 250, the SOR shall maintain the aircraft in a ready to deliver status IAW TOs 00-20-2 and 00-20-1, CSTO SR1F-15SA-6WCs and any other CSTOs and/or TOs that specify how any required task shall be accomplished until the aircraft is delivered to the using Command.

5.0 - Tech Orders & Other Directives

5.1 - Applicable Technical Orders and Country Specific Technical Orders

5.1.1.1 - Compliance with all listed directives, government specifications and standards, and drawings and technical orders is mandatory while performing the work required by this WS when the following are applicable:

5.1.1.2 - They are pertinent to the aircraft or installed equipment and work being performed IAW this WS and the SOR is authorized to accomplish the level of work specified.

5.1.1.3 - They are pertinent to disassembly and reassembly of the aircraft for access purposes, maintenance procedures and/or practices, testing, and ground safety.

5.1.2 - The most current technical orders and other publications to include all changes, revisions and supplements as of the date of this WS shall be used. In addition, the following subparagraphs shall apply:

5.1.2.1 - When applicable CSTOs, TOs and other Technical Data are redated, revised, or supplemented and no increase or decrease in work is involved, the SOR shall comply with the latest dated publications or supplements thereto; in such case, no revision to this WS shall be issued.

5.1.2.2 - When man-hours or flowtime are increased/decreased because of TO changes/revisions or other Technical Data, the PM AND COR and stakeholders shall be informed of the extent of increase/decrease and the contract shall be revised as required.

5.1.3 – Reference CSTO SR1F-15SA-01 for List of Applicable Publications for F-15SA aircraft.

5.2 - Applicable Time Compliance Technical Orders and Country Specific Time Compliance Technical Orders.

5.2.1 - The SOR shall accomplish depot level CSTOs when approved by F-15SA Engineering, listed within this WS and/or directed by PM AND COR through the AFTO Form 103.

5.3 - Applicable Directives

5.3.1 - See Attachment 4 for applicable directives.

ACI - Analytical Condition Inspection

ACO – Administrative Contracting Officer

AES – Aeronautical Engineering Squadron (Royal Saudi Air Force)

AFI - Air Force Instruction

AFMAN - Air Force Manual

AFMCI – Air Force Materiel Command Instruction

AFTO – Air Force Technical Order

AMREP – Aircraft and Missile Maintenance Production / Compression Report

AMS – Aerospace Material Specification

AutoTAR – Automated Technical Assistance Request and Reply

CDB – Central Data Base

CEMS – Comprehensive Engine Management System

CL – Checklist

CSTCTO – Country Specific Time Compliance Technical Order

CSTO – Country Specific Technical Order

DHA – Demand History Allocation

DLA – Defense Logistics Agency

DR – Deficiency Reports

ERRP - Engineering Requirement Review Process

ETAR – Electronic Technical Assistance Request and Reply

F-15SA – F-15 Saudi Advanced

FCF – Functional Check Flight

FOD – Foreign Object Damage / Foreign Object Detection / Foreign Object Debris

GOLDesp – Global On-Line Data Entry System for Parts

IAW - In Accordance With

JFS – Jet Fuel Starter

JOAP - Joint Oil Analysis Program *(SSSN 05-00-37)*

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LEL – Lower Explosives Limit

LM – Local Manufacture

MESL – Minimum Essential Subsystem List

MRT – Maintenance Review Team

NCR – Nonconformance Report

NDI – Nondestructive Inspection/Inspect

OFP – Operational Flight Program

O&I – Organizational and Intermediate Maintenance

PAO – Project Administrative Office

PCR – Pre-Paint Corrosion Remover

PDM - Program Depot Maintenance

P/N – Part Number

PWS – Performance Work Statement

QA – Quality Assurance

RC – Recommended Change

RSAF - Royal Saudi Air Force

SAE – Society of Automotive Engineers

SNUD – Stock Number Users Directory

SOF – Safety of Flight

SOP – Standard Operating Procedure(s)

SOR - Source of Repair

SPO - System Program Office

SSSN – System / Subsystem / Subject Number *(regarding Job Guide (JG))*

TO – Techncial Order

TOMA – Technical Order Manager

USG – United States Government

WS - Work Specification

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Production F-15SA 100% PDM IATs

Reference CSTOs SR1F-15SA-36 and SR1F-15SA-6 for specific inspection instructions and intervals.

IAT	Description
4	NDI L/R wing lower attach lugs at intermediate, main, and rear spar
5	NDI L/R wing outboard torque box rear spar upper/lower flanges at webs inboard/outboard of WX 188.255
15	NDI L/R vertical stab, torque box picture frame, front spar flange, and forward box skin
16	Replace wing attach pins, bolts, nuts, and cotter pins
18	NDI inboard torque box, rear spar, fastener holes in lower flange seal groove at XW 82
25	Inboard torque box, intermediate spar, at lower flange
33	NDI outboard torque box front spar bottom corner crack at XW 169
35	NDI L/R wing inboard torque box lower aft skin at intermediate spar, main spar, and rear spar at shoulder rib intersection
36	NDI L/R wing inboard torque box lower forward and lower aft skin in the bend radius at the shoulder rib near the intermediate, main and rear spars
40/41	NDI L/R torque box, outboard, lower, forward skin, fastener holes at front spar, XW 155.000 to XW 180.000, near XW 172.000
47	NDI L/R wing inboard torque box lower skin for cracks in fastener holes at rear spar XW 58 to XW 110
49	NDI L/R wing torque box front spar tooling hole for cracks XW 200.4 (PN 68A112101 for ACSN 93-0853 thru 93-0864; also 12-1001 thru 12-1047) or (PN 68A122101 for ACSN 93-0865 thru 93-0923; also 12-1048 and UP) for cracks
50	NDI aft center fuselage FS 626.9 bulkhead web at intersection with lower moldline cap at BL 5.0
53	NDI L/R wing inboard torque box, main spar (PN 68A112105 or 68A122105), machined flange at web fastener holes

54	Web at main and rear spar, 68A112107 or 68A122107 machined flange at web fastener holes
55	Forward center fuselage upper outboard longeron, fastener holes and radius at FS 509.500
57	L/R Inboard torque box, aft shoulder rib, 68A112119 or 68A122119, web at rear spar
58	L/R Inboard torque box, aft shoulder rib, 68A112119 or 68A122119, web at main spar
62	NDI L/R wing outboard torque box main spar (PN 68A115100 or 68A125100), at XW 182 lower flange fastener holes
70	Front spar lower flange at XW 158.5
72	Rib, wing-shoulder, center 68A112118, & aft, 68A112119, crack at relief radius
77	Intermediate spar lower flange, XW 83-105
78	FS 626.9 bulkhead forward outboard splice fitting
81	Outboard main spar tooling hole XW 190
85/86	Outboard lower forward skin, 68A115113, 68A125113, and lower aft skin, 68A115114, 68A125014 and 68A125114 at XW 172.478, XW 188.255, XW 206.402
87	Upper inboard longeron FS 453-488 / FS 460 corner radius on upper inboard longeron web
88	Upper inboard longeron FS 430-462

Conversion F-15SR 100% PDM IATs

Reference CSTO SR1F-15SA-36 for specific inspection instructions.

IAT	Description
6	NDI fwd/aft center fuselage upper inboard longeron, FS 509.5 joint bulkhead, splice fittings, skin, and web
15	NDI L/R vertical stab, torque box picture frame, front spar flange, and forward box skin
50	NDI aft center fuselage FS 626.9 bulkhead web at intersection with lower moldline cap at BL 5.0

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55	Forward center fuselage upper outboard longeron, fastener holes and radius at FS 509.500
78	FS 626.9 bulkhead forward outboard splice fitting
87	Upper inboard longeron FS 453-488 / FS 460 corner radius on upper inboard longeron web
88	Upper inboard longeron FS 430-462
N/A	Replace forward engine mount connecting link

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F-15SA Aircraft			
NSN	**Noun**	**Part Numbers**	**QTY**
1560ND137085LFX	WING SUPPORT STANDS	7941305K	36
1560ND142698LFX	NLG BUSHING TOOL	872002-10	1
1560ND143719LFX	FLIGHT CONTROL	X7742233	2
1560ND143720LFX	RAMP DOLLY	X7742378	2
1560P68D050105	LINK PIVOT STRINGER	68D050105-1003	1
1560P68TO525871	ADAPTER FUEL PURGE	68T052587-1	2
1560P8135566	JFS FLUSH HOSE ADAPTER	8135566	1
1560P8332661	SPAR TAPER TEST PL DIE	8332661	3
1560P8435557	JFA FLUSH HOSE	8435557	1
1560PMH2MODIFIED	FUEL FILTER CART	MH-2 MODIFIED	3
1560PX8225812	PNEUMATIC INSTALL TOOL	X8225812	2
1730000012277	FORWARD PYLON ADAPTER	68D150024-1001	1
1730000012278	FWD PYLON ADAPTER	68D150025-1001	1
1730000043571	WING ASSY ADAPTER	68D050005-1001	5
1730000043572FX	HOISTING UNIT STAB AC	68D050015-1001	2
1730000043577	PYLON HANDLING ADAPTER	68D150003-1001	1
1730000055605	DOLLY TYPE JACK	PWA24667	1
1730000264491FX	AIRCRAFT LOCK	68D300008-1001	3
1730000458175	LOX. SYS. DRAIN ASSY.	12A2416-1	1
1730000632862	HOLD BACK ASSEM ENG R	68D390001-1001	1
1730001198641	ROLL ADAPTER MJ&1	5D1E1	1
1730001476646FX	ADAPTER ASSY PYLON SU	68D150001-1001	1
1730001476647FX	AIRCRAFT GROUND SCREEN	68D390008-1001	2
1730001556078	ADAPTER ASSY ENG INST	68D390005-1001	5
1730001556094	CANOPY CRADLE	68D110004-1001	8
1730001556096	PIN KIT	68D050026-1003	2
1730001556115	AIRCRAFT BRACE	68D110008-1003	3
1730001611838	EXCHANGER SLING, HEAT	68D240023-1001	1
1730001657614GG	ADAPTER ASSY 20MM GUN	68D150008-1003	1
1730001686558FX	AIRCRAFT GROUND SHIELD	68D050007-1001	20
1730001882565CW	HOIST TRIPOD ADAPTER	68D260016-1003	3
1730002054333	HORIZ STAB TRANS CART	RE268210001-1	8
1730002150642FX	AIRCRAFT GROUND COVER	3173856-100	8
1730002168886	RADAR TRANSM HOIST	PF51-021	1
1730002168906	JFS ALIGNMENT ADAPTER	68D170003-1001	1
1730002378944	VERT. STAB. SLING	RE268230001-1	2
1730002379011	DRUM HANDLING ADAPTER	68D150004-1003	2
1730003120046	AIRCRAFT MAIN SLING	68D010005-1001	2
1730003120730	SWITCH POSITIONING DEVI	68D290018-1001	2
1730003214092	LOCK, ACFT/GROUND	68D320031-1001	2
1730003265835	RADOME SLING	RE268315004-1	1
1730003991288	STRUT SAFETY SPEED BR	68D050011-1005	10
1730004154827	AMMO HOISTING UNIT	68D150022-1003	2
1730004194212	COVER, EJECTION SEAT	21500256-163	6
1730004773390	AIRCRAFT LADDER	68D290024-1001	1
1730004773394	AIRCRAFT SLING	68D050013-1003	1
1730005037625	ENGINE SUPPORT	P4006409	6
1730005150473	CANOPY STRAP ASSEMBLY	68D240028-1001	1
1730005474706	ELECTR ADAPTER	68D230027-1001	1
1730005516972	MAINT. ADAPTER, DRUM	68D150029-1003	1
1730005517019	ENGINE RAIL ASSEMBLY	68D390004-1003	7

1730005533188	AIRCRAFT GROUND LOCK	68D110042-1001	1
1730005969086	SAFETY STRUT EXTENSION	68D150031-1003	2
1730006109688	SAFETY SUPPORT	P4030580	1
1730007849384FX	AIRCRAFT RAMP SLING	68D050039-1001	4
1730007849385FX	SLING, HORIZ. STAB.	68D050004-1001	1
1730008323297FX	STRESS FRAME, DOOR RH	68D050022-1002	3
1730008323298FX	STRESS FRAME, DOOR LH	68D050022-1001	3
1730008323299FX	LANDING GEAR ADAPTER ASSY.	68D320014-1001	1
1730009231174	JACK ASSY.	12A3402-3	1
1730009263172FX	PROTECTOR, EXHAUST	68D050032-1001	1
1730009384118	LONG BAR	65D35578-7	1
1730009409582	QUICK DISC. ADAPT.	64F1009	1
1730009438306	FORK ADAPT. MJ-4	65E35468	1
1730009445498	EJECT. SEAT SUPPORT	64A127J1-1	3
1730009635987BF	WING, FUS. JACK PAD	53E010004-1	15
1730010031160	JET FUEL ADAPTER	68D170001-1005	1
1730010080555	ACCESS STRESS FRAME	68D050021-1005	2
1730010080556	R.H. AILERON ACCESS FRM	68D050021-1006	2
1730010172800	AIRCRAFT CANOPY SLING	68D110005-1003	1
1730010204808	ALIGN, ADAPTER JFS/CGB	68D170003-1003	1
1730010255339	SLING AFT FUSER	RE26833001-1	2
1730010296753	ANTI-PERSONAL GUARD	68D390013-1003	6
1730010394313	EMERGENCY PLATE SET	68D320037-1001	1
1730010394325	RIGGING PROTRACTOR	68D110043-1001	2
1730010414957	RIGGING PROTRACTOR	68D110046-1001	1
1730010428541	AIRCRAFT GROUND LOCK	68D110023-1007	3
1730010463550	ENGINE TRANSPORT BRACE	68D390015-1001	2
1730010469935	SEAT DOLLY ADAPTER	68D110044-1001	1
1730010476539	CANOPY RAISING ADAPTER	68D110048-1001	1
1730010476616	AIRCRAFT GROUND BRACE	68D110049-1001	1
1730010481913	BELLCRANK ADAPTER	68D110043-1003	1
1730010494828	EXTENSION SLIDE	68D260076-1003	1
1730010568869FX	ACCESS F STRESS FRAME	68D050022-1003	2
1730010568870FX	ACCESS F STRESS FRAME	68D050022-1004	2
1730010602225FX	CK FIXTURE, MIS LAUN	RE568320002-1	3
1730010602226FX	CK FIXTURE, MIS LAUN FT	RE 568320002-2	3
1730010609204	AIRCRAFT GROUND BRACE	68D050086-1001	1
1730010626709	AIRCRAFT SLING	68D050003-1003	1
1730010626710	SLING, ACFT SEAT	100015	1
1730010627475FX	ANTENNA REFLECT CRADLE	68D260080-1003	8
1730010715930FX	RADAR T HOISTING ADAPTER	2128387-1	1
1730010763934	AIRCRAFT ACCESS LADDER	68D050001-1005	4
1730010811698	PYLON SLING	68D150060-1001	1
1730010860403	20MM GUN SLING	68D150061-1001	1
1730010868785	HOISTING ADAPTER	68D260079-1007	1
1730010904984	FUEL TANK DOLLY	68D290042-1001	2
1730011058385	RAM INLET COVER	68D050095-1001	10
1730011058386	OVERBOARD COVER	68D050096-1001	10
1730011059514	ENGINE INSTALLATION ROL	68D390006-1003	6
1730011059594	PRI INLET COVER	68D050098-1001	10
1730011062716	SHIELD, AC	68D050099-1001	10
1730011067674	HANDLE PUMP JFS	68D170016-1001	1

1730011085667	AIRCRAFT JACK PAD ADAPT	68D010003-1003	3
1730011188007	JACK EX ADAPTER	PWA55562	1
1730011304762	COVER, AMBIENT	68D050106-1001	10
1730011371674	HOISTING ADAPTER	68D150023-1003	1
1730011498899	COVER, ENG VENT UPPER	68D050110-1001	10
1730011498900	COVER, ENGINE INLET	68D050109-1001	10
1730011805744	CFT MAINT STAND	68D290050-1003	2
1730011806095	SUPPORT STAND	68D290057-1003	10
1730011809677	SLING HOIST	68D290051-1003	1
1730011826954	DOLLY, HANDLING	68D290048-1005	2
1730012854587	JACK PAD, REMOV.	68D010010-1001	2
1730012942806	SLING, WING	68D050003-1005	2
1740009089966	RADOME HANDLING FIX.	12A0200-1	1
1740010657643	WING TRANS DOLLY (L/H)	7759322L	3
1740010659478	WING TRANS DOLLY (R/H)	7759322R	3

3930011200522	ADAPTER, LIFT	4B737E-10	2
4010003735763	WIRE ROPE ASSY	68D320032-1001	2
4320002089950PT	HYD PUMP	PWA57448	1
4460013284938	GROUND OPS. CART	68D110059-1003	1
4720003712156	NON-METALIC HOSE ASSY	68D290021-1001	2
4920000018337	TARGET ASSEMBLY	68D060017-001	1
4920000031864FX	MAINT WHEEL ASSY STAND	68D320021-1001	2
4920000031865NT	CALIBRATOR COMPASS	4004304-901	1
4920000031895	DRIVE SHAFT HOLDER	PWA50433	1
4920000035580	PORTABLE STAND	289365-1	5
4920000035581	RUDDER POSITIONER	68D050012-1001	2
4920000070428	MAIN OIL HOLDER	PWA50482	1
4920000083838FX	LOX CONVERTER ADAPTER	68D110031-1001	1
4920000083879FX	MEASUREMENT PLATE	68D050028-1001	2
4920000099424	ALIGNMENT ADAPTER	589-102001-11	1
4920000302061FX	HEAT EXCHANGE CAP SEAT	907718-1-1	1
4920000349308TP	HEAT AND SEAL SET	905865-1-1	1
4920000382468	INST. KIT, STAB.	RE768230001-3	1
49200000663140	ANTI-G VALVE TEST KIT	10670-1	1
4920000999025LE	HYD BRAKE PRESSURE INDI	68D320023-1003	2
4920001526651TP	PRESSURE ADAPTER	68D240021-1001	2
4920001611896FX	KIT, FUEL, LEAK TEST	68D290007-1001	1
4920001612017FX	INDICATOR, ASSY, RIGGING	68D110007-1001	1
4920001616961	ALIGN, ADAPTER, HUD MOUNT	584-102001-11	1
4920001616962	BORESIGHT KIT, REF PLANE	583-102001-11	1
4920001616963	ALIGNMENT ADAPTER, INMU	586-102001-11	1
4920001616964	ALIGNMENT ADAPTER, LCG MT.	588-102001-11	1
4920001616965	R ALIGNMENT ADAPTER, RAD. ANT	585-102001-11	1
4920001616966	ALIGNMENT ADAPTER	591-102001-11	1
4920001627848FX	FUEL DRAIN SIPHON TOOL	68D290023-1001	1
4920001656989	RIGGING TEMPLATE	68D320024-1003	1
4920001698584	OPTICAL BORESIGHT KIT	582-102001-11	1
4920001716621	ADAPT. KIT TEST	712667	1
4920001716626	TEST SET, ARM. SYS.	A05G0450-3	1
4920001716676FX	WING ATCH FIT INSI KIT	68D050056-1001	2
4920002007763	GUN CONTROLS TEST BOX	68D150015-1001	1
4920002054632	ENGINE ADAPTER	PWA51114	1

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4920002088983	LUBE OIL TANK DRAIN CAP	PWA51192	1
4920002106315	TEST SET	PWA50037	1
4920002169141DQ	ELECTRIC TEST SET	PWA50105	1
4920002191265	ADAPTER VALVE TEST	291565-1	1
4920002191592	PITCH GAGE BAR SET	077-68485	1
4920010461811	TRANSFER FIXTURE	RE368230001-3	1
4920002288034	GAGE BAR TEST SET	077-68306	1
4920002288037	GAGE BAR TEST SET	077-68317	1
4920002748668	WING INSTALLATION TOOL	RE268117001-1	6
4920002748670	WING INSTALLATION TOOL	RE268117001-2	6
4920002803781	V. STAB MATING POSITION	RE4682320001-1	2
4920002832301	ACCUMULATOR TEST KIT	2731779	1
4920002884396	ADAPTER HUD ALIGNMENT	587-102001-21	1
4920003374596	AERIAL RESTRAINING NOZZ	68D290011-1003	1
4920003613615	ALIGNMENT ADAPTER	657-102001-11	1
4920003773076	HOLDING FIXTURE	52907T202	1
4920003827468	V STAB FWD. AFT BOX KIT	RE768230001-3	2
4920004278012	FUEL FILTER PLUG	291804-1	2
4920004395525	IGNITION SYS TEST SET	PWA50025	1
4920004395981	POSITIONING FIXTURE	PWA50515	1
4920004721748DP	PROX SWITCH CONTROL	68D230023-1001	2
4920004849157	BOX, PARALLEL	68D060020-1001	2
4920004884859	GEARBOX HOUSING BASE	PWA50442	1

4920005969253	RADIO CABLE ASSEMBLY	PWA50078	1
4920005969455	RUDDER CONTROL BOX	68D050073-1003	1
4920006128749	SUPPORT ALIGNMENT	68D060021-1001	1
4920008676607	TELESCOPE, BORESIGHT	7799773	1
4920009263755FX	ADAPTER KIT	68D290006-1001	3
4920010057672	HOLDING FIXTURE	68D390012-1001	1
4920010065929	RIGGING PIN SET	68D300018-1001	1
4920010067430	PITCH ROLL ADAPTER	68D300019-1001	3
4920010072735	PRESSURE TEST SET	68D300021-1001	1
4920010091708	SEAL HOUSING SUPPORT	291919-1	1
4920010128563DQ	ALIGN TOOL SET	68D320036-1001	1
4920010151429	DUMMY ELEMENT PLUG	T21-11755-1	1
4920010164905	REF BORESIGHT KIT	583-102001-21	1
4920010166701	EXTERNAL FUEL TANK CAP	68D290029-1001	2
4920010208041DQ	ENGINE TRIM TEST SET	PWA50081	1
4920010208613	REP, TOOL, ENG. HOZ, RH UPPER	RE268335005-2	1
4920010208624	INDICATOR TURN	PWA53353	1
4920010208625	ALIGNMENT KIT	AK468320001-1	1
4920010208626	REAM KIT FUSELAGE	RE468320001-2	1
4920010208627	REP.TOOL, ENG HOZ. LH UP	RE268335005-1	1
4920010212935	REP.TOOL, ENG HOZ. LH LOW	RE268334004-1	1
4920010212936	REP.TOOL, ENG HOZ. RH LOW	RE268334004-2	1
4920010217895	FUSE/WING LUG RE/KT(LH)	RE468320001-1	2
4920010217896FX	PITOT STATIC ADAPTER KT	68D210008-1003	1
4920010225725	L/FR ALIGN KIT	AK168328000-1	1
4920010225726	RAMP PIVOT REPAIR FRAME	RE168328000-1	3
4920010245703	MLG ATT/PT FLAME (LH)	RE368320001-1	2
4920010245704	MLG ATT/PT FRAME (RH)	RE368320001-2	2
4920010288165	LINK ASSY DR/FIX/AL/KIT	AK168335010-1	2

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4920010288168	PULLER MECH.	68D320039-1001	5
4920010288552	LINK ASSY DRILL FIX	RE168335010-1	2
4920010297476	TGT ASSY	68D060017-1003	1
4920010315871	B/D CANOPY FRAME	RE168350010-5	1
4920010324205	LINK ASSY DR/FX/ALI/KIT	RE168335010-2	2
4920010347419	JFS ADAPTER KIT	291563-3	1
4920010347670	COMM TEST SET	292E800G4	2
4920010356342	HYD PRESSURE TESTER	PWA50096	1
4920010389896	SEARCH UNIT, ALIGN	68D050082-1001	2
4920010389900	ALIGN. ADAPT., RAD. ANT.	590-102001-21	1
4920010399940	TEST PLUG	68D300024-1001	1
4920010405949	MAINTENANCE KIT	PWA50083	1
4920010416013	POWER SUPPLY	PWA50091	1
4920010453916	VERTICAL TOOLING BAR	MD201-10	2
4920010461611	INSPECTION KIT	68D050076-1003	1
4920010461811	FLAME HOLE TRANSFER	RE368230001-3	2
4920010462920DP	TEST SET TESTER	293E625G1	1
4920010526732	COMPRESSOR ADAPTER	PWA53789	1
4920010533678	REAR COMPR ADAPTER	PWA53788	1
4920010537820	CABLE BREAK ADAPTER	68D270027-1001	1
4920010538607	OVERHEAR TEST BOX	68D230029-1001	1
4920010562701	TOOL CONTROL INSTAL	68D390010-1003	1
4920010569763	CABLE ASSEMBLY	PWA50285	1
4920010583544	CONTROL FIXTURE	PWA53895	1
4920010612014	CET/PYLON.SUP/INS/TOOL	RE168326022-1	2
4920010625014	PWR FEED EQUIP	RE268000002-1	2
4920010661344FX	INSTALL KIT	68D050056-1003	2
4920010672014	PULLER TOOL SET	RE168326022-1	1
4920010672015	CK FIXTURE	RE168325917-1	2
4920010683867DQ	TEST SET	A05G0451-6	1
4920010701805FX	FIXTURE INDICATOR	68D110007-1003	2
4920010701815	ENGINE FUSE MT FRAME	RE268330002-1	1
4920010701816	ENGINE FUSE MT FRAME	AK268330002-1	1
4920010704398	TORQUE ADAPTER	PWA53902	1
4920010712284	RIVETING FIXTURE	2560631	1
4920010720067	WING REAM FRAME	RE168110002-3	2
4920010749285	INBD L/E INSTALL TOOL	RE268111002-3	2
4920010750511	INBD WING ALIG KT (RH)	AK168111201-2	2
4920010750512	IN BD LE SKIN, LH	RE168111201-1	2
4920010750515	TEST CASE ASSY	68D300026-1001	2
4920010750604	INBD L/E INSTALL TOOL	RE268111002-4	2
4920010756646	INBD WING ALIG/KT (LH)	AK168111201-1	2
4920010756648	NLG ATT/P REPAIR/FRAME	RE668310001-1	2
4920010757515	NLG ALIGN KIT	AK368310001-1	2
4920010757516	NLG CHECK FRAME	RE36831001-1	1
4920010759720	OB/WING LE/INS/TOOL (LH)	RE268118002-3	2
4920010759721	OB/WING LE/INS/TOOL (RH)	RE268118002-4	2
4920010763794	ENGINE RUN UP CABLE	68D390016-1001	1
4920010770734	INBD LE SKIN,RH	RE168111201-2	2
4920010776494	CABLE SET ADAPTER	68D270028-1001	1
4920010807303	MAGNETIC AZIMUTH DETECTOR MOUNT	68D060032-1001	1
4920010811549	RIVETING FIXTURE	2560636	1

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4920010818135	FUEL LINE ADAPTER KIT	68D290040-1001	1
4920010837778DP	TEST SET, PYLON	A05G0452-4	1
4920010841541	SECONDARY POWER TEST SE	68D170009-1001	1
4920010856630	AFT FUSELAGE SU	RE568310001-1	1
4920010887065	TRANSMITTER ASSEMBLY	PWA50138	2
4920010887607	STAND FWD SUPPO	RE368330001-1	1
4920010887608	AFT FUSELAGE SU	RE468330001-1	1
4920010918719	FUEL QTY GAGE TEST SET	68D310053-1003	1
4920010952724	ROLLER STAKING TOOL	RST 1014	1
4920010972939	ACFT CHECK FIXTURE	RE168000001-1	1
4920010977365	CARRIAGE FUSELAGE	RE16800000l-1	1
4920010980889	VACUUM ADAPTER KIT	68D290041-1001	2
4920011013634	RUDDER REPAIR TOOL	RE868230001-1	2
4920011030104	BORESIGHT ADAPTER	68D060025-1001	1
4920011037322	SPRING INSTALL TOOL	68D320041-1001	1
4920011040819	FUEL DRAIN PROBE	68D290044-1001	1
4920011042853	CABLE ASSEMBLY	68D210017-1001	1
4920011042907	ACCES KRT CFT (C/D/E)	68D290047-1001	2
4920011042908	TANK FUEL TEST CFT	68D290052-1001	1
4920011050362	TEST KIT, FUEL	68D290049-1001	1
4920011061765	HOSE ASSY	68D290039-1001	2
4920011074747	FIXTURE TORQUING REAR COMPRESSOR	PWA55359	1
4920011085561	INSPECTION FIXTURE	PWA55422	1
4920011109379	VERT/STAB DRL/P/AFT/FSE	RE268332001-1	1
4920011132390	FLAME PROTECTOR	PWA55558	1
4920011169413	ADAPTER SHUTDOWN	68D270029-1001	1
4920011266890	TESTER AIR IN OIL	68D300033-1001	1
4920011326656DP	TEST BOX PWR ADAPTER	68D230033-1003	1
4920011336703	TEST SET, EJECT. RACK	A05G0497-1	1
4920011344374	BRACKET, ANT. SUPPORT	68D040162-1001	1
4920011344375	CGB LOCATOR FRA	RE168325334	2
4920011438517	SEAL A FIXTURE CENTER	296801-1	1
4920011442470	REPAIR TOOL KIT	68D050104-1002	3
4920011444628	REPAIR TOOL KIT	68D050105-1001	1
4920011446376	REPAIR TOOL KIT	68D050104-1001	3
4920011485479	RIGGING TOOL, NLG. LIGHT	68D320043-1001	1
4920011519399	TS, ACFT WEAPONS CONT	A05G0504-1	1
4920011519400DQ	WEAPONS TEST SET	A05G0451-8	1
4920011548813	FIXTURE RIGGING/TORQUING	PWA5572	1

4920011584189	TEST ADAPTER	68D320044-1001	1
4920011585848	FUEL LEAK TEST KIT	68D290007-1007	2
4920011695866FX	INFLIGHT MONITOR	936E225G2	1
4920011735244	BORESCOPE ROTATOR	PWA56018	1
4920011759468DP	ELECTRONIC TEST SET	68D300020-1007	2
4920011795568	CABINET ASSEMBLY	PWA56013	1
4920011795570	CHECK FIXTURE, FUS TO CONF LH	RE168320002-1	1
4920011795571	CHECK FIXTURE, FUS TO CONF RH	RE168320002-2	1
4920011801876	AIRCRAFT G TEST SET	A05G0506-1	1
4920011805740DP	TS ELECTRICAL	68D290056-1003	1
4920011807303	BORESIGHT ADAPTER	68D060032-1001	1
4920011831872	MATING ADAPTER	RE468230001-3	1
4920011831873	TEST KIT FUEL PRES	68D290009-1003	1

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4920011975695	INSTALLATION ASSEMB	PWA56025	1
4920011990613	CABLE B ADAPTER	PWA56026	1
4920012026595DQ	TS ACFT WEAPONS CONT	A05G0504-2	1
4920012177435AX	CAP ASSY	68D290049-2059	5
4920012283701	STICK RIG IND	68D110007-1005	1
4920012310774FX	MAINT KIT	FTI-F15-OSP-1	1
4920012399031FX	MAINT KIT, AIR	8326068-30	1
4920012399032FX	TEMPLATE, VERTICAL T	8326069-01	1
4920012409702FX	ADAPTER KT PITOT STATIC	ADA15-612	2
4920012418867FX	TEMPLATE, VERTICAL T	8326069-05	1
4920012523411	FIXTURE, WING OVHL RH	8526568-20	1
4920012523412	FIXTURE, WING OVHL LH	8526568-10	1
4920012608155	FIXTURE, RIVETING TORQUE TUBE	2560665	1
4920012608156	FIXTURE, RIVETING BACKING PADS	2560664	1
4920012766406	FIXTURE ACFT	8326068-50	1
4920012904058	POSITIONER COMP STATO	PWA5572	1
4920012925462	ACCY. KIT, VERT. STAB.	RE96823001-1	1
4920013026731	REPR TOOL, INL. SC. LINK	68D050105-1003	1
4920013404842	ALIGNMENT KIT	AK168325334-1	1
4920013678134FX	VERT STAB TIP KIT	RE168230021-1	1
4920013678205	INST. KIT, VERT. STAB.	RE708230001-5	1
4920NCC606499FX	TIRE TOOL PLATE	933116203	1
4920NCC606500FX	ADAPTER MLG	933116205	5
4930000058566	TANK AND PUMP UNIT	68D240006-1001	1
4930011081068AX	POD FUEL SERVICE	83581	1
4931003697154	ADAPTER TELESCOPE	585899-3	1
4933008676607	SIGHT, BORE, OPTI	7799773	1
4935001168328BF	TEST SET RADIO FREQ	50361A5001	1
4935006335311AB	TEST SET, LAUNCHER	58A63F1	1
4935010162231AB	TEST SET. LAUNCHER	755562	1
4935010600658AB	CALIBRATOR, CLU-59	776540	1
4940004510710LP	BALANCE VEHICLE R/H	7720	1
4940011064084	ARM. CIRCUIT TEST SET	68D150077-1001	1
5120000032259PT	DRIVE REMOVAL TOOL	PWA50666	1
5120000039865	WRENCH SPANNER	F2662-2-34	1
5120000041911FX	WRENCH BEARING CAN	5T4-8778	1
5120000058684	RETAINER RING TOOL	NST120-5	3
5120000068990FX	ADAPT, TORQUE WRENCH	3556000F108-1	1
5120000068991FX	ADAPT, TORQUE WRENCH	3294000F104-1	1
5120000068993FX	ADAPT, TORQUE WRENCH	3292000F105-1	1
5120000097949	ADAPT, SET, TORQUE	68D290010-1003	1
5120000099836FX	TUBE PULLER	T72105	1
5120001385851	REMOVAL TOOL	SWT15-5	2
5120001402649	STAKING TOOL	RST2003	4
5120001886751	SPANNER WRENCH	2514000F103	1
5120002026843PT	BOROSCOPE BASE PULLER	PWA51414	1
5120002108946	STAKING TOOL	RST1016	4
5120002108989	ROLLER STAKING TOOL	RST1003	1
5120002109004	ROLLER STAKING TOOL	RST1002	1
5120002109014	ROLLER STAKING TOOL	RST1006	1
5120002171115	CROWFOOT, ATTACH	3294000F103	1
5120003073368	INSERT WRENCH	PWA51704	1

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5120003552587	ASSY TOOL FLUID	MCF12676	1
5120003552641	ASSY TOOL FLUID	MCF12678	1
5120003697128	PYLON BUSH PULLER	RE568110001-1	1
5120003866567	SOCKET WRENCH	68D320033-1001	1
5120004360396	ROLLER STAKING TOOL	RST1007	2
5120004692186	STAKING TOOL	RST1009	1
5120004693001	CLUTCH FAN PULLER	291868-1	1
5120004775976	ROTOR PULLER	PWA52360	1
5120004812940	RETAINING WRENCH	PWA51949	1
5120004813003	ALIGNMENT TOOL	PWA52353	3
5120004849587	FACE WRENCH SOCKET	PWA51798	1
5120004888725	MECHANIC PULLER	PWA50512	1
5120004888817PT	MECHANIC PULLER	PWA50511	1
5120004888819PT	MECHANIC PULLER	PWA50510	1
5120004888906PT	PTO DRIVE SHAFT DRIFT	PWA50443	1
5120005007944	SEALING RIVETER	PWA51762	1
5120005008244	POSITIONING PIN	PWA52419	1
5120005064060	ACTUATOR WRENCH	PWA51757	1
5120005131754	ATTACHMENT SET SPANNER	AN8515-1	1
5120005318730	CLUTCH ADAPT PULLER	291907-1	1
5120005318732	BUSHING LAPPING TOOL	RE268332124-1	1
5120005318741	BUSHING LAPPING TOOL	RE268332124-3	1
5120005318742	BUSHING ADAPTER TOOL	RE368332124-1	1
5120005318743	BUSHING ADAPTER	RE368332124-3	1
5120005585639	BUSHING PULLER	68D050075-1001	1
5120005865495PT	INSTALLING TOOL	PWA50974	1
5120006056042	STATOR L PULLER	PWA52791	1
5120007598092FX	BEARING REMOVAL TOOL	68D050043-1001	1
5120008586379	BEARING CAN WRENCH	5T4-8777	1
5120009839958FX	WRENCH SOCKET	68D320019-1001	1
5120010031300	WRENCH ADAPT	2517000F103	1
5120010052055	WRENCH SEAL, INST.	291918-1	1
5120010080469	HOLDER & ADAPT, CLUTCH	293158-1	1
5120010087250	INST. TOOL, SEAT	T52-10973-5	1
5120010133405	BOROSCOPE EXTRACTOR	PWA52918	1
5120010133406	BOROSCOPE WRENCH	PWA52922	1
5120010154816	INSTALLATION TOOL	68D290031-1001	1
5120010217070	ADJUSTING UNIF WRENCH	PWA53715	1
5120010259739	JAMNUT WRENCH	68D3200038-1001	1
5120010575227	TORQUE ADAPTER KIT	68D390010-1007	1
5120010779155	EXTRACTOR BOROSCOPE	PWA55169	1
5120010872160	REMOVAL PULLER	PWA55191	1
5120010872164	EXTRACTOR TOOL	PWA55222	1
5120010889039	ARM PULLER	PWA53722	1
5120010890953	SHAFT PULLER	PWA53723	1
5120011018742	INSERTION TOOL	68D110053-1001	1
5120011073819	PIN THRUST PULLER	68D390017-1001	1
5120011172866	RESTRAIN WRENCH	PWA55577	1
5120011323653	CHECK VALVE WRENCH	87000552AST0	2
5120011404366AX	SPANNER WRENCH	PWA55717	1
5120011404367AX	SPANNER WRENCH	PWA55718	1
5120013046058	PULLER MECH	RE168326022-3	1
5120L0026427510	TAPER LOK REMOVAL TOOL	KT860114	1

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5180001636633HS	FLUID ADAPTER TOOL KIT	KM22-680-2E0336	1
5180001636637HS	FLUID ADAPTER TOOL KIT	KM22-660-2E0336	1
5180001636638HS	FLUID ADAPTER TOOL KIT	KM22-616-2E0336	1
5180001636640HS	FLUID ADAPTER TOOL KIT	KM22-640-2E0336	1
5180001790067HS	FLUID ADAPTER TOOL KIT	KM22-612-2E0336	1
5180002832741	INSTALLATION TOOL KIT	R27500MD	1
5180003977795	FUSE STAKE BEAMING KIT	68D050072-1001	2
5180005572731	REPAIR COMP TOOL KIT	68D050071-1001	2
5180007855069	FLUID ADAPTER TOOL KIT	KM9RF5010	1
5180007855073FX	FLUID ADAPTER TOOL KIT	KMPRF5012	1
5180007855080	FLUID ADAPTER TOOL KIT	KM9RF5016	1
5180010516356	INSTALLATION KIT	68D050072-1001	2
5180010536114FX	INSTALLATION KIT	68D050045-1003	1
5180010625014	PWR FEED EQ	RE268000002-1	1
5180010649443	FLUID ADAPTER TOOL KIT	KM9RF5006E0336	1
5180010649444	FLUID ADAPTER TOOL KIT	KM9RF5008E0336	1
5180010649445	TOOL KIT FLUID ADAPTER	KM9RF5010E0336	1
5180010649446	TOOL KIT FLUID ADAPTER	KM9RF5012E0336	1
5180010649447	TOOL KIT FLUID ADAPTER	KM9RF5016E0336	1
5180010649448	FLUID ADAPTER TOOL KIT	KM9RF5020E0336	1
5180010656574	FLUID ADAPTER TOOL KIT	KM9RF5004E0336	1
5180010720783	DRIVER SET	293785-2	1
5180011413045	AUX SPAR CK TOOL KIT	TK68R110015-5001	2
5180011420756	UNIVERSAL PULLER	296806-1	1
5180011502462	SPAR REPAIR TOOL KIT	TK68R110020-1	5
5180012730859FX	TOOL KIT, AIRCRAFT	FTI-F15-OSP-6-0-N	1
5180012730860FX	TOOL KIT, AIRCRAFT	FTI-F15-OSP-8-1-N	1
5180012730861FX	TOOL KIT, AIRCRAFT	FTI-F15-OSP-8-0-N	1
5180012733826FX	TOOL KIT, AIRCRAFT	FTI-F15-OSP-6-I-N	1
5180012843475	INST. KIT, FUS BRGS.	68D050072-1005	1
5180013217878	TOOL KIT	DLTO5PSKT3000	1
5180013217879	TOOL KIT	DLT10PSKT3000	1
5210008265368	CAGE DEPTH MICROMETER	GGG-C-105	1
5220001921488	LINEAR GAGE	68D050058-1001	1
5220002559003	AILERON RIGG BAR	68D050062-1001	2
5220007855896	FORCE GAGE	68D050048-1001	2
5220010044174	OVERCENTER GAGE	68D320035-1001	1
5220010098190	SPARK IGNITION GAGE	PWA52886	1
5220010156225	FUEL CONTROL CHECK PIN	68D390014-1001	1
5220011405864AX	INDICATOR GAGE	PWA55709	1
5220011405866AX	INDICATOR GAGE	PWA55714	1
5280010375654	EXIT CANOPY LOCK GAGE R	68D110012-1005	2
5340005969497	WELDING STRAP	68D290025-1001	1
5340011247089	COVER ECS PLENU	68D050102-1002	5
5340011251151	COVER ECS PLENU	68D050102-1001	5
5985004376443	ATTENUATOR VARIABLE	355C	2
5985010980365YA	CASE, ANTENNA ALIGN.	68D040152-1001	1
6115010616610	GENERATOR SET, DIESEL	90G2OP	3
6120010495037	TRANSFORMER POWER	3PN136B	1
6130002264101	POWER SUPPLY	D3105	2
6130004150300	POWER SUPPLY	6267B	1
6130004708589	POWER SUPPLY	5015TK	1

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6130005077493	CHARGER BATTERY	200679	1
6130008941864	POWER SUPPLY	301E	1
6150005018077	CABLE ASSY POWER	MS24208-1	6
6150006210531	CABLE ASSY POWER	169050	3
6150011584189FX	CABLE ASSY, SPEC	68D320044-1001	1
6150012467059	CABLE ASSY	PWA56082	1
6615011532073FX	TEST SET	936E225G3	2
6625000045378	ELECTRONIC TEST SET	T30S304	1
6625007773072	SIMULATOR	145-51747	1
6625010632663	ANT SWITCH SET	68D260018-1001	1

6625012363858	CIRCUIT TESTER	PC-4000	1
6625013663842	AUTO WIRING ANAL	FD02882	1
6635010737485	CALIBRATION KIT	68D050090-1001	1
6635L00565975	TEST SET FIRING CIRCUIT	A/E24T-171	1
6650004812448	BORESCOPE INSP KIT	PWA51751	1
6650005277378	ELBOW TELESCOPE	119520	1
6650010746661	BORESCOPE GUIDE TUBE	PWA50133	1
6650010753521	LIGHT SOURCE	F044333	1
6650010756642	BOROSCOPE	PWA50132	1
6650011093252	BORESCOPE GUIDE TUBE	PWA52041	1
6670010860983	DYNAMETER SCALE	TD5-500FGSH	1
6685005279315	GAGE ASSY AIR	48C929-2	4
6685010649480	TEMP KIT	68D290038-1001	1
7110009351886	DOOR, VAULT	AA-D-00600	1
*	POWER PLANT HOLDING FIXTURE	ESCALA 1:10 (1:2)	6
*	TOOLING FUSELAGE FS626.90 WIRING ACCESS HOLE	X8842463 REV A	1
*	ANGLE DRILL (360 DEG)	15L2280-92	2
*	REDUCER	STDM247T1208	1
*	TEST HARNESS MAGNETIC AZMITH DETECTOR SIMULATOR	8836706	1
*	APPLY TEMPLATE (DETAIL 1)	AT68J311312-5001	1
*	APPLY TEMPLATE (DETAIL 2)	AT68J311312-5001	1
*	DUMMY MPCD BOX		1
*	DUMMY JACK	5M1972	1
1450007717536BL	GUIDED MISSILE TRUCK	6077	1
1670003600551	CARGO TIEDOWN	3009102C183	1
1710010985024	AIRCRAFT ARRESTING SYSTEM	8043991-10	2
1710011378283	BARRIER	52W2291 801A	4
1730ND137085LFX	SUPPORT	7941305	9
1730NLF4LM9	FUEL DRAIN TANK		5
1730000541357	SAFETY PIN INITIATOR	3828001-1	15
1730000613403	TRAILER LIFT AC ENG	MIL-T-26310ETU9E	3
1730000657056	KIT PURGING LOX CONVERTER	KMU-781E	1
1730001462034	KEY AND STREAMER ASSY	2351	15
1730001598006	PIN ASSY & SAFETY	C115038-11	10
1730002632962	PNEUMATIC BAG	MILP6640	3
1730002948883	MAINT PLATFORM	54J6345	22
1730003315567	JACK HYDRAULIC	52J6433	2
1730003905618	MAINT PLATFORM	47R16420	9
1730003905620	MAINT PLATFORM	B2	2
1730003952781	MAINT PLATFORM	48E16919	4
1730004896456	FORK ASSY	69E6219	2
1730005162016	JACK, HYDRAULIC TRIP	MS33589 B3C	10

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1730005162017	HYD TRIPOD 30 TON JACK	53J6268	2
1730005544799	A/C LIFT TRAILER	102650	3
1730005964537	JACK HYDRAULIC	42L7528	4
1730006064138	ROLLER ADAPTER	105710	40
1730006241131	FORKLIFT ADAPTER	T1F69J	2
1730006408080	AIRCRAFT TOW BAR	55J22139	4
1730007812670	HYD 20 TON TRIPOD JACK	MMU59E	12
1730007881819	CLIP ASSEMBLY	MDE321041-1	10
1730008603625	FUEL TANK ADAPTER	2Y478E1	1
1730008762963	JACK 15TN	374R2000	1
1730009438306	FORK ASSY ADAPTER	65335468	1
1730010046550	TRUCK LIFT AERIAL	7447187-50	1
1730010090446	MAINT PLATFORM	47362445-1	6
1730010450918	PARACHUTE PIN SET	D114658	1
1730010453865	CABLE EJECT ADAPTER	5943511-11	1
1730010453866	CABLE EJECT ADAPTER	5943512-1	3
1730010485185	GROUND SAFETY PIN SET	C114767	3
1730010574863	LOX PURGIN KIT	2101	1

1730010615513	AIRCRAFT GROUND COVER	1000166	1
1730010710942	PROTECTIVE SKID SEAT	LS-19	20
1730010732112	ENGINE HERELEGE RACK	7538830-1	8
1730010848513	15 TON JACK AXLE	8925	2
1730011237270	AERIAL LIFT TRUCK	8141000-10	1
1730011261765	ACFT GAS ENG BLOWER	6901B	1
1730013238230LS	PARACHUTE DISCONNECT RETRACTOR PIN	C115952-1	1
1740007135908	RAIL TYPE TRAILER	MILT4727	12
1740010536613	ACFT HANDLER	G05581-200E	1
2320012395371	FUEL TRUCK	32R-11	2
2320009037371	TRUCK TANK	A/S32R-5	1
3431006205999	VIEWER PRINTER	MIL-W-45807	1
3432005885988	WELDING	VTW1A	1
3441008968601	BENDING MACHINE	30	1
3655000434062YD	TANK, STORAGE, LI	MIL-T-38170	2
3655005340564	TRUCK HAND NITROGEN	5506496	1
3655005411385	TRAILER AIR/NETRO MD-3	MI6T26772	1
3655006140002	OXY CYL RECHARGE TRUCK	55D6053	2
3655009872586	PURGING UNIT	G5U62M	1
3655010600357	COMPRESSED TRAILER	0440C-Z0001	1
3655010804188YD	TANK STORAGE LIQUID	4-4-0110-1	2
3655010899563	COMPRESS NITRO SERV TRA	2K-1V-04	1
3655011124943	SERVICING UNIT	1317AS100-1	1
3655011358852	OXYGEN TANK	103780	1
3920008471305	TRUCK HAND TWO WHEEL	KKKT00728	1
3950005543143	PORTABLE FLOOR CRANE	PC1032	2
3950010627062	CRANE	J1B	1
4120001965252	ENG DRIVEN AIR COND	UA532888-1	2
4120006183286	AIR CONDITIONER	AN32C5	3
4210004070784	TRUCK FIRE	P73M	1
4210010384331	TRUCK FIRE	A/S 32P-2D-B	2
4310002889009	VACUUM PUMP UNIT	0210V36-10X	1
4310000444446	VACUUM PUMP	69075	1
4310010319306	COMPRESSOR UNIT REC	65898	2

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4310010785115	COMPRESSOR UNIT REC	20930-1-000235	2
4320009270266	PUMP ASSEMBLY	82242	1
4320010986713	HYD PUMPING UNIT	D12025-001	1
4330007337554	PRIMARY WATER SEPARATOR	842CLM-1	1
4520010662474	HEATER (HDU-13)	GH-100	2
4820001066647YD	VALVE, VACUUM REG	101235	1
4910000250623	GUARD SAFETY TIRE 1	64E33087-1	1
4910004637383	PULLER CUP	64E33087-1	1
4910006938104	DEMOUNTER PNEUMATIC	5033	1
4910008930251	BEAD BREAKER PNEUM	SANE33	1
4910008955394	FILLER AND PRESSUI	MIL-83766	2
4910009477124	FILLER AND BLEEDER	E10385	2
4920001288584	OXYGEN REGULATOR TESTER	31TA2655-2	2
4920001373693AY	LEAK DETECTOR	304012	1
4920001691698CW	INTERROGATOR TEST SET	AN/APM349	1
4920002007764	INDICATOR SET VOLT	AN/AWN-75	1
4920002948883	PLATFORM	B-4	2
4920003047198	MAGNETIC DETECTOR	KT319808	1
4920003479455	TESTER PRESSURIZED	8825	1
4920003901501	TEST KIT VALUE	291653	1
4920004319397	PRESSURE TESTER	MILT26141	1
4920004488610	HORIZ TOOLING BAR	200-15AM	2
4920004868565	ACCESSORY KIT	674-102000-11	1
4920004899110	PRESSURE TEMP TEST SET	TTU205CE	4
4920005022660	CART HYDRAULIC PRESSURE	PWA50045	1
4920005095593	MACHINIST PRECIS SCALES	88500	1

4920006015156	HONEYCOMB CABINET	2-76060-1	1
4920006016923	TESTER PRESSURIZED	76150	1
4920006129755	SAFETY BELT TESTER	SWE17101	1
4920006751159	LEAKAGE TEST	59B3600	1
4920007054575	TEST STAND FILTER	AC205-1	1
4920007930650	MANOMETER	F52828116	1
4920008189061	SIMULATOR, COMPRESSOR	A05G0111-1	1
4920008765355	HEAT BLANKET	SRE219-6-25-115	3
4920009248364	OXYGEN SYSTEM ADAPTER	12A2203-1	1
4920009311457	TTU TEST SET	TTU 205 BE	1
4920009315461	AIRCRAFT ENG BLANKET	3S81066-109	1
4920009315462	HEATING BLANKET	3S81066-211	1
4920009493976	STRU AIR EJEC ASSY	65J34440	1
4920009817598	PRESSURE READOUT TESTER	1C2995G2	1
4920010065709	COMBIN TEST/REFUEL	2022-1	1
4920010350257	CAPACI BRIDGE	361-015-001	1
4920010445926	HYD TEST STAND (ELEC)	9780-0074	1
4920010445927	HYD TEST STAND	9780-0073	2
4920010486256	ACCESSORY STAND	3865-G3	2
4920010877669DP	CLINOMETER	23-2054	1
4920010977366	TOOLING BAR ASSY	200-20 AM	2
4920011052121	TOOLING BAR ASSY	200-15AF	2
4920011392801LS	ENVIRON SENSOR TESTER	TTU415/E	1
4920011998466	HEATING BLANKET	SRE-8-115-15X15	8
4920015295801KV	CABLE ASSY SET, ELECTRICAL	200123005-F100	1
4920RAB151-007	HEATING BLANKET	RAB151-007-20X30	8

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4930002946897	DISPENSING HAND PUMP	XX-D-370B	2
4930009357328	FILTER-SEPARATION, LI	FFUISE	3
4930011322444	TANK AND PUMP UNIT	810750	2
4935007940254BF	COOL PUMP TEST CART	ANAWA6A	1
4940001860027	CLEANER STEAM PRESS	TEPD76	1
4940003961664	AIRLESS PAINT GUN	PMBC	4
4940004904613	PRESSURE FEED TANK	TUXIOA	2
4940005540998	BLAST CLEANING CABINET	AE4	1
4940005611002	HEATER GUN TYPE ELEMENT	500A	2
4940007057557	HYD SPRAY PAINT UNIT	30-4M	1
4940007805499	CLEANING MACHINE BLASTER	MILC83756TYPE1SIZE2	1
4940007851162	HEATER GUN TYPE ELEMENT	MILH45193A	1
4940007959412	VACUUM BLASTER CLEANER	35EDM0751	3
4940009865899	HEATER GUN TYPE ELEMENT	HG751	1
4940009894559	CLEANING MACHINE BLASTER	60013	1
4940010046602	COMPRESSED HEATER	979660	1
4940010371413	HEATING TOOL KIT	975096	1
4940P9050012067	AIR RECEIVER	9050012067	2
5120002628503LP	PRESS GROMMET	MILP22372	1
5120002930464	CRIMPING TOOL	WT115	2
5120003576065	RIVETER BLIND HAND	G-36	2
5120008117752	CRIMPING TOOL	MRB-33T1	1
5120008593185BF	WRENCH ADAPTER	MDE321450-1	1
5120009041022	WRENCH TORQUE	OGG-W-00686	1
5120009375438	INSTALLING TOOL	GS4H	2
5120009419976	SEALANT GUN	23118	2
5120010087250	TOOL SET INSTALLATION	T52-10973-5	1
5120010131682	WINDSHIELD CLEANING TOOL	7534539-10	1
5120010559876LS	PIN STRAIGHTENER	T-72050-2	2
5120010715348	HAND HELD RIVET PEEN	2560634	1
5120010715349	RIVETING HOLDER	2560635	1
5120010799686	PULLER SET	294549-1	1
5120011682435	PULLING HEAD	RV981-10	2
5130000141979	INSTALLATION KIT	200-52	2

5130001756088	PULLING HEAD	RV812-3	2
5130001756089	PULLING HEAD	RV812-4	2
5130001756090	PULLING HEAD	RV812-5	2
5130001756091	PULLING HEAD	RV812-6	2
5130001916496	PULLING HEAD	RV882-5	2
5130001916522	PULLING HEAD	RV882-4	2
5130001916523	PULLING HEAD	RV882-6	2
5130003111576	NUT RUNNER	CP3017SR5KN	18
5130003451179	INJ SEALANT GUN	223	4
5130005423276	PNEU BLIND RIVETER	G740A-PHR	1
5130010428224	PNEU BLIND RIVETER	7150-3003	3
5180000793400	ELECTRICAL TOOL KIT	MS27426	2
5180001498603	TUBING TOOL REPAIR KIT	D10030	1
5180001498605	PERMASWEDGE TUBE KIT	D10031	1
5180010260253	PERMASWEDGE KIT	D12323-1-3456	1
5180010260254	TUBING TOOL KIT	D10032	1
5180010260255	PERMASWEDGE KIT	D1232V-1-812	1
5180010260309	ELECT REPAIR TOOL KIT	DMC179	1

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5180010260310	BACK SHELL KIT	TG-72	1
5180012561958LS	TOOL KIT	1942-003-01	1
5210007104359	DIAL DEPTH GAGE	643J	1
5210010351254	SURFACE GAGE	57B	1
5210010428498FS	FLANGE CHECK GAGE	2706128	1
5220005681530	GAGE ELECTRONIC	712-1	1
5220006013043	BLADE INDICATOR	HSP1827A/HSP1827C	1
5220009823214LP	ANGLE PLATE	9193	1
5220010351071	ANGLE PLATE	9185-20	1
5220010414493	SINE PLATE COMP	A-15-MS	1
5220010946911	ANGLE BLOCK GAGE	214-1-1	1
5280000888555BS	DETON GAGE SET	12A2452-1	1
5280004791165LP	PLUG GAGE SET	TP025	1
5280010638704	STEEL PARALLE SET	9150B	1
5340007024910	STRIKER STOP PIN	MS17985C403	1
5455012048505	HEADSET MICROPHONE	MIL-H-87810	15
5520006244998	FINE PIN GAGE ASSY	7133059-10	1
5810000613389	CODE CHANGER KIT KR	KIK18TSEC	1
5820011306838CX	TELEVISION RECEIVER	CV195-1	1
5821006015131	ARC 164 RADIO	705906-804	2
5836011432757	VIDEO RECORDER	V0-5800	1
5845-P1396272064	ULTRASONIC TRANSDUCER	113-221-580	4
5895004036325	DRAIN TUBE	D758	1
5935008370486	ELECTRICAL COVER	10-101950-81	1
5935011720901	ELEC REPAIR TOOL KIT	DMC712	3
5965010050341	HEADSET ADAPTER	911349-801	1
5965011281410	MICROPHONE HEADSET	MILH26541	1
5965012048505	MICROPHONE HEADSET	M87819/1-01	15
6115004208486	GAS GENERATOR SET	AM32A60A	4
6125010295464	MOTOR GENERATOR	A700	2
6130000688272	CHARGER ANALYZER	6180-001	1
6130004582696	CHARGER BATTERY	505-5C-1M	1
6130013123511	INERT EMERGENCY POWER SUPPLY	CAP12115B	1
6150013178054	CABLE SET	68D150106-1001	1
6230007012947	EXTENSION LIGHT	MIL-F-16377/52	12
6230008779172	FLOOD LIGHT ASSY	67E35402-A	2
6370001161620	VIEWER PRINTER	MILV80241	2
6525006080620	X-RAY FILM MARKING EQUIP		2
6605000326306BF	CALIBRATOR COMPASS	2591553-901	1
6625001270109	VOLTAGE STANDARD	332D	1
6625001312751	OSCILLOSCOPE	453MOD703H	1
6625001341533	TEST SET	4035500-0501	1

6625002242252	MULTIMETER	PDSANE69-6625-190	9
6625003075256	PLUG IN UNIT ELECTRIC	86220A	1
6625003615318	PLUG IN UNIT ELECTRIC	7A26	2
6625003653837	RESISTANCE STANDARD	SR1010LTC	1
6625004096872	FREQUENCY METER	AN-USM-326	1
6625004364883	POWER METER	432A	1
6625004383794	OSCILLOSCOPE	MIL-0-83226A	1
6625004507593	POWER METER CALIBRATOR	8477A	2
6625004593219	VOLTAGE DIVIDER	8.00E+11	1
6625004863806	ELECTRONIC COUNTER	1406	2

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6625004917752	MULTIMETER	ANUSM-341	3
6625005006646	MAIN FRAME	TN501	1
6625005205158	PLUG-IN UNIT ELECTRA	PG506	1
6625005537696	OSCILLOSCOPE	OSO8BU	1
6625005815894	ELEMENT DETECT. PLUG	25D	1
6625005957669	BRIDGE INDUCTANCE	815AF	2
6625006022087	VOLTAGE DIVIDER	1454A	1
6625006291998	RESISTANCE STANDARD	4223B	2
6625006431568	GENERATOR SIGNAL	205AG	1
6625006431686	MULTIMETER	AN/PSM-6	3
6625006431785	OHMMETER	AN/PSM-2A	1
6625006490034	RESISTOR DECODE	1432V	1
6625006495070	TEST SET, RADIO FREQ	35-5361	1
6625006763667	TEST SET, ATTENUATOR	64	1
6625006827452	GENERATOR PULSE	214A	1
6625007390957	INSULATION TEST SET	122-2-5	1
6625007782199	CAPACITANCE STANDARD	SS-32	2
6625008044993	CALIBRATION STANDARD	829B	1
6625008884609	TEST FACILITIES SER	AN/APM-270V	1
6625009059500	TEST SET, RADIO FREQ	430000	1
6625009574374	MULTIMETER	AN/PSM-GB	3
6625009724046	VOLTMETER	803B	1
6625009935364	FREQUENCY MEASURING	E14-5245L	2
6625010034396	GENERATOR DETECTOR	865A	1
6625010035561	ELECT TEST SET	1502	1
6625010098162AX	LEAD TEST	PWA52176	1
6625010174718	R.F. TEST SET	1000	1
6625010197890	GENERATOR SIGNAL	862DC	1
6625010223253	ADAPTER SET, TEST	1515937	1
6625010223257	ELECT SYST TEST SET	AN/USM-430	1
6625010326914	OSCILLOSCOPE	465M	1
6625010350257	CAPACITANCE BRIDGE	361-015-001	1
6625010356337	GENERATOR SIGNAL	1250A	1
6625010390467	FREQUENCY METER	9648M	1
6625010404336	INU BATTERY TEST SET	16U74512-3	1
6625010450377	SWITCH CONTIN TEST SET	5943514	1
6625010452183	GENERATOR SIGNAL	86400-003	1
6625010543483	GENERATOR SIGNAL	652A	1
6625010636325	CALIBRATOR VOLTAGE	5200A	1
6625010856857	ELECT TYPE MULTIMETER	410B	1
6625010946693	TEST SET ELECTRICAL	73BC	1
6625011127046	OHMMETER	4328A0PT001	1
6625011288588	TEST SET, RADIO	P7-01-0013	2
6625011400221	MULTIMETER	8012	1
6625012598162LS	TEST SET BATTERY	1842-016	1
6630000232299	COMPARATOR COLOR	MIL-C-538	1
6630005300987	TESTER FLASHPOINT	MIL-T-36385	1
6630010956119	OXYGEN ANALYZER	115583	1
6635000000133	PORTABLE X-RAY UNIT	GXR7-6B	2
6635000185829	DISPLAY TIMER ULTRASONIC	UM715	1

6635000185842	VIEWER X-RAY FILM	6.50E+04	1
6635000220367	TEST BOX TRASON	57A4218-16	1

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6635000220372	MAGNETIC INSPECTION	DA200	1
6635000384312	TESTER, HARM. BOND	90377	2
6635000569302	TESTOR SPRING	MST-100	1
6635001110456	TESTER TORQUE WRENCH	MIL-T-26639	1
6635001114230	PENETROMETER	5320	1
6635001405139	DETECTOR, METAL FLAW	NDT3	1
6635001679826	TESTER EDDY CURRENT	ED520	1
6635001718602	PROB BCND TESTER	S3007 P.B.T.	4
6635001827534	SPRING RESILIEN TESTER	L20M	1
6635002884566	TEST SET EDDY CURRENT	EM 3300	1
6635003910058	MAGNOMETER	2480	2
6635004159225	ULTRASONIC TEST BLOCK	57A4244-18TYPE2	1
6635004330034	MAGNETIC INSPECTION	FD100	1
6635004864911	X-RAY TUBE HEAD	6.50E+52	1
6635005301128	TENSION METER DIAL	T60-1001C81A	1
6635005301129	TENSION, DIAL INDICATING	MILT38760	1
6635005409020	SP. RESIL SPR SCALE TESTER	LIM	1
6635005731645	PROBE TORQUE TESTER	500T72	1
6635005785286	SPRING RESIL TESTER	MIL-T-43560	3
6635006115617	LIGHT ULTRAVIOLET	ZB26	2
6635006202890	PENETRAMETER	65C273	1
6635007605448	BLACK LIGHT, PORTABLE	MI6	2
6635007892763	CALIBRATOR TORQUE	6500T2	1
6635007900733	SCALE PUSH-PULL	719-20	1
6635007936757	PAINT METER	GG6280D	1
6635008028846	TESTER SPRING RESILIENCY	DPP50	1
6635008807868	DIAL TENSION METER	DPP10	1
6635009182788	SPRING RESILIENCY TESTER	DPP80	1
6635009451220	TRANSDUCER	57A2279	2
6635009605062	ULTRAS LEAK DETECTOR	4918A	1
6635009626229	TESTER MATERIAL HAR	XAHAP TYPE A	1
6635009685692	TEST SPRING RESILIENCY	D200M	1
6635009961416	PROBE GENERAL PURPOSE	47A5042	2
6635010114151	PROBE EDDY CURRENT	64117-1/2	2
6635010114863	PROBE EDDY CURRENT	61003	2
6635010402139	SCREEN LEAD ALLOY	190999,005/010	18
6635010547032	TRANSDUCER CHEAR HA	MD-MSWR-2,25-5	2
6635010572761	TRANSDUCER ULTRASN	57A83CO	12
6635010576011	HOLDER PROBE	64301-1/4A(H.P.)	2
6635010576016	HOLDER PROBE	63417-1/2A	2
6635010576020	HOLDER PROBE	64313-7/16A	2
6635010592606	X-RAY PROCESSING UNIT	SAMMEPD382	1
6635010651233	ULTRASONIC FLOW DETECTOR	MFDG4-AMARKI	4
6635010651661	PROCESSING MACHINE	072-1500	1
6635010676315	HEAD STAND, X-RAY TUBE	65C573	3
6635010922308	MAGNETIC INSPECTION TOOL	HT-100	1
6635010925129	STANDARD UNIVERSAL	7947479	1
6635011027828	WEDGE	2102099	2
6635011027829	WEDGE	2102100	2
6635011291346	TUBEHEAD STAND	200160150TS	1
6635011334287	TRANSDUCER SUPERSON	57A3032	2
6635011475489	PROBE, BOLT HOLE	VM101GS-3/16	2
6635011958663	PROBE EDDY CURRENT	A29-COGB	1

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6635012113905	BLOCK ULTRASONIC	AIS1166	1
6635012538024	PROCESSING MECH	072-T600	1
6635013102481	BLOCK ULTRASONIC	UIB-519	1
6635NC378020	BLACK LIGHT, PORTABLE		2
6645001260286	STOPWATCH	MS14823	1

6650005095588	TRANSIT, JIG	71	2
6650008315532	OPTICAL MICROMETER KIT	966A1	1
6650012489081	FLEXIBLE BORESCOPE	PWA56075	1
6665001367971	CALIBRATION KIT	TBC-1	1
6665001812438	IND COMBUSTIBLE TOXI	TBA5100-1	1
6665005810220	RADIACMETER	URIO	1
6665011538474	TOXIC COMBUST INDICATOR	51-7241	1
6670005144117	SCALE WEIGHING	MIL-S-11581	1
6670005264924	SCALE MAIL AND PARC	BP-13-70PP	1
6670005268498	AC WEIGHT SCALE	MILW7327ATYPEC1	1
6675005095586	PRECISE OPTICAL LEVEL	TA2011-1	2
6675007774529	CLINOMETER	TB107	1
6675010527029	TELESCOPIC TRANSIT	76RH	4
6685001159602YD	VACUUM GAGE ASSY	15840	1
6685002550392	THERMO	D-T4013	1
6685004620545	DIAL PRESSURE GAGE	83K	1
6685005268646	MANOMETER VERTICAL	A-338	1
6685005276220	DIAL VACUUM GAGE	GL87	1
6685006270181	TESTER PRESSURE GAGE	10-10525	1
6685007660237	CONTROL TEMPERATURE	70323	2
6685008121199	THERMOMETER, SELF-IN	3950J1	1
6685008791799	COMPOUND P GAGE	78140	10
6685008804130	TESTER PRESSURE GAGE	125XC	1
6685010486411AX	TEMPER CONTROL UNIT	70323-1	1
6685010736834	STANDARD PRESSURE	6-201-0001	1
6685010785364	THERMOCOUPLE SINULA	2180A/Y2003M/JKE	1
6685011682411	PRESSURE CONTROLLER	909800-31-1	1
6685012577155	CONTROL	ARC6000	1
6685006935009	TESTER PRESSURE GAGE	MP-1	1
6685007641137	HYPOTHERMOGRAPHY	08-T2-P	2
6695001337525	STANDARD AUXILIARY	3930-805	1
6695007262721	LIQUID OXYGEN SAMPLER	2702501-1	1
6695007757593	CALIBRATION SET	6680.2	1
6730001161618	VIEWER MICROFICHE	MILV80240	10
6760009090727	DENSETOMER	TD100	1
7910006329840	VACUUM CLEANER	55-1AS	3
7940001640537	MACHINE STENCIL	GGS747S1ZE1	3
8120002683355	CYLINDER COMPRESSED	-	4
8120006800153	CYLINDER COMPRESSED	-	1
8145003946807PT	AIRCRAFT COVER	P4015011	2
8145004169563PT	AIRCRAFT COVER	P4030583	8

F-15E Aircraft

NSN	Noun	Part Numbers	QTY
1450007717536BL	GUIDED MISSILE TRUCK	6077	1
1560L00210275	ADAPTER	8135566	2
1670003600551	CARGO TIEDOWN	3009102C183	1
1710010985024	AIRCRAFT ARRESTING SYSTEM	8043991-10	2

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1710011378283	BARRIER	52W2291 801A	4
1730L00317875	FIXTURE	X8433891-10	2
1730L00317975	FIXTURE	X8433891-20A	2
1730ND137085LFX	SUPPORT	7941305	9
1730NLF4LM9	FUEL DRAIN TANK		5
1730000458175	LOX SYS DRAIN ASSY	12A2416-1	1
1730000541357	SAFETY PIN INITIATOR	3828001-1	15
1730000613403	TRAILER LIFT AC ENG T	MIL-T-26310ETU9E	3
1730000657056	KIT PURGING LOX CONVERTER	KMU-781E	1
1730001462034	KEY AND STREAMER ASSY	2351	15
1730001598006	PIN ASSY & SAFETY	C115038-11	10
1730002632962	PNEUMATIC BAG	MILP6640	3
1730002948883	MAINT PLATFORM	54J6345	22

1730003315567	JACK HYDRAULIC	52J6433	2
1730003905618	MAINT PLATFORM	47R16420	9
1730003905620	MAINT PLATFORM	B2	2
1730003952781	MAINT PLATFORM	48E16919	4
1730004194212	AC COVER	21500256-16	6
1730004896456	FORK ASSY	69E6219	2
1730005162016	JACK, HYDRAULIC TRIP	MS33589 B3C	10
1730005162017	HYD TRIPOD 30 TON JACK	53J6268	2
1730005544799	A/C LIFT TRAILER	102650	3
1730005964537	JACK HYDRAULIC	42L7528	4
1730006064138	ROLLER ADAPTER	105710	40
1730006241131	FORKLIFT ADAPTER	T1F69J	2
1730006408080	AIRCRAFT TOW BAR	55J22139	4
1730007812670	HYD 20 TON TRIPOD JACK	MMU59E	12
1730007881819	CLIP ASSEMBLY	MDE321041-1	10
1730008603625	FUEL TANK ADAPTER	2Y478E1	1
1730008762963	JACK 15TN	374R2000	1
1730009231174	JACK ASSEMBLY	12A3402-3	1
1730009384118	LONG BAR	65D355787	1
1730009409582	QUICK DISCONNECT ADAPTER	64F1009	2
1730009438306	FORK ASSY ADAPTER	65335468	1
1730009445498	EJECT SEAT SUPPORT	64A127J11	8
1730009635987BF	WING/FUS JACK PAD	53E010004-1	27
1730010046550	TRUCK LIFT AERIAL	7447187-50	1
1730010090446	MAINT PLATFORM	47362445-1	6
1730010450918	PARACHUTE PIN SET	D114658	1
1730010453865	CABLE EJECT ADAPTER	5943511-11	1
1730010453866	CABLE EJECT ADAPTER	5943512-1	3
1730010485185	GROUND SAFETY PIN SET	C114767	3
1730010574863	LOX PURGIN KIT	2101	1
1730010615513	AIRCRAFT GROUND COVER	1000166	1
1730010626710	SLING, ACFT MAIN	100015	1
1730010710942	PROTECTIVE SKID SEAT	LS-19	20
1730010732112	ENGINE HERELEGE RACK	7538830-1	8
1730010848513	15 TON JACK AXLE	8925	2
1730011237270	AERIAL LIFT TRUCK	8141000-10	1
1730011261765	ACFT GAS ENG BLOWER	6901B	1
1730013238230LS	PARACHUTE DISCONNECT RETRACTOR PIN	C115952-1	1
1740007135908	RAIL TYPE TRAILER	MILT4727	12

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1740009089966	RADOME HANDLING FIXTURE	12A0200-1	1
1740010536613	ACFT HANDLER	G05581-200E	1
2320012395371	FUEL TRUCK	32R-11	2
2320009037371	TRUCK TANK	A/S32R-5	1
3431006205999	VIEWER PRINTER	MIL-W-45807	1
3432005885988	WELDING	VTW1A	1
3441008968601	BENDING MACHINE	30	1
3655000434062YD	TANK, STORAGE, LI	MIL-T-38170	2
3655005340564	TRUCK HAND NITROGEN	5506496	1
3655005411385	TRAILER AIR/NETRO MD-3	MI6T26772	1
3655006140002	OXY CYL RECHARGE TRUCK	55D6053	2
3655009872586	PURGING UNIT	G5U62M	1
3655010600357	COMPRESSED TRAILER	0440C-Z0001	1
3655010804188YD	TANK STORAGE LIQUID	4-4-0110-1	2
3655010899563	COMPRESS NITRO SERV TRA	2K-1V-04	1
3655011124943	SERVICING UNIT	1317AS100-1	1
3655011358852	OXYGEN TANK	103780	1
3920008471305	TRUCK HAND TWO WHEEL	KKKT00728	1
3950005543143	PORTABLE FLOOR CRANE	PC1032	2
3950010627062	CRANE	J1B	1
4120001965252	ENG DRIVEN AIR COND	UA532888-1	2

4120006183286	AIR CONDITIONER	AN32C5	3
4210004070784	TRUCK FIRE	P73M	1
4210010384331	TRUCK FIRE	A/S 32P-2D-B	2
4310002889009	VACUUM PUMP UNIT	0210V36-10X	1
4310000444446	VACUUM PUMP	69075	1
4310010319306	COMPRESSOR UNIT REC	65898	2
4310010785115	COMPRESSOR UNIT REC	20930-1-000235	2
4320009270266	PUMP ASSEMBLY	82242	1
4320010986713	HYD PUMPING UNIT	D12025-001	1
4330007337554	PRIMARY WATER SEPARATOR	842CLM-1	1
4520010662474	HEATER (HDU-13)	GH-100	2
4820001066647YD	VALVE, VACUUM REG	101235	1
4910000250623	GUARD SAFETY TIRE 1	64E33087-1	1
4910004637383	PULLER CUP	64E33087-1	1
4910006938104	DEMOUNTER PNEUMATIC	5033	1
4910008930251	BEAD BREAKER PNEUM	SANE33	1
4910008955394	FILLER AND PRESSUI	MIL-83766	2
4910009477124	FILLER AND BLEEDER	E10385	2
4920000663140	ANT-G VALVE TEST KIT	10670-1	1
4920001288584	OXYGEN REGULATOR TESTER	31TA2655-2	2
4920001373693AY	LEAK DETECTOR	304012	1
4920001691698CW	INTERROGATOR TEST SET	14200000	1
4920002007764	INDICATOR SET VOLT	AN/AWN-75	1
4920002948883	PLATFORM	B-4	2
4920003047198	MAGNETIC DETECTOR	KT319808	1
4920003479455	TESTER PRESSURIZED	8825	1
4920003613615	CRANE, FLOOR PORTABLE	PC1032	1
4920003901501	TEST KIT VALUE	291653	1
4920004319397	PRESSURE TESTER	MILT26141	1
4920004488610	HORIZ TOOLING BAR	200-15AM	2
4920004659439	ALIGNMENT ADAPTER	53E060085-1	1

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4920004868565	ACCESSORY KIT	674-10200-11	1
4920004899110	PRESSURE TEMP TEST SET	TTU205CE	4
4920005022660	CART HYDRAULIC PRESSURE	PWA50045	1
4920005095593	MACHINIST PRECIS SCALES	88500	1
4920006015156	HONEYCOMB CABINET	2-76060-1	1
4920006016923	TESTER PRESSURIZED	76150	1
4920006129755	SAFETY BELT TESTER	SWE17101	1
4920006751159	LEAKAGE TEST	59B3600	1
4920007054575	TEST STAND FILTER	AC205-1	1
4920007930650	MANOMETER	F52828116	1
4920008189061	SIMULATOR, COMPRESSO	A05G0111-1	1
4920008765355	HEAT BLANKET	SRE219-6-25-115	3
4920009248364	OXYGEN SYSTEM ADAPTER	12A2203-1	1
4920009311457	TTU TEST SET	TTU 205 BE	1
4920009315461	AIRCRAFT ENG BLANKET	3S81066-109	1
4920009315462	HEATING BLANKET	3S81066-211	1
4920009493976	STRU AIR EJEC ASSY	65J34440	1
4920009817598	PRESSURE READOUT TESTER	1C2995G2	1
4920010065709	COMBIN TEST/REFUEL	2022-1	1
4920010208625	ALIGNMENT KIT	AK468320001-1	1
4920010350257	CAPACI BRIDGE	361-015-001	1
4920010445926	HYD TEST STAND (ELEC)	9780-0074	1
4920010445927	HYD TEST STAND	9780-0073	2
4920010445929	HYD TEST STAND (GAS)	9780-0073	3
4920010486256	ACCESSORY STAND	3865-G3	2
4920010877669	CLINOMETER	23-2054	1
4920010977366	TOOLING BAR ASSY	200-20 AM	2
4920011052121	TOOLING BAR ASSY	200-15AF	2
4920011392801	ENVIRON SENSOR TESTER	TTU415/E	1

4920011998466	HEATING BLANKET	SRE-8-115-15X15	8
4920012409702	TEST SET, AIR DATA	ADA15-612	3
4920013404842	ALIGNMENT KIT FOR AMAD/CGB	AK168325334-1	1
4920015295801KV	CABLE ASSY SET, ELECTRICAL	200123005-F100	1
4920RAB151-007	HEATING BLANKET	RAB151-007-20X30	8
4930002946897	DISPENSING HAND PUMP	XX-D-370B	2
4930009357328	FILTER-SEPARATION, LI	FFUISE	3
4930011322444	TANK AND PUMP UNIT	810750	2
4935001168328BF	TEST SET	50361A5001	1
4935007940254BF	COOL PUMP TEST CART	ANAWA6A	1
4940001860027	CLEANER STEAM PRESS	TEPD76	1
4940003961664	AIRLESS PAINT GUN	PMBC	4
4940005611002	HEATER GUN TYPE ELE	500A	2
4940004904613	PRESSURE FEED TANK	TUXIOA	2
4940005540998	BLAST CLEANING CABI	AE4	1
4940005611002	HEATER GUN TYPE ELE	500A	2
4940007057557	HYD SPRAY PAINT UNIT	30-4M	1
4940007805499	CLEANING MACHINE BLASTE	MILC83756TYPE1SIZE2	1
4940007851162	HEATER GUN TYPE ELE	MILH45193A	1
4940007959412	VACUUM BLASTER CLEANER	35EDM0751	3
4940009865899	HEATER GUN TYPE ELE	HG751	1
4940009894559	CLEANING MACHINE BLAST	60013	1
4940010046602	COMPRESSED HEATER	979660	1

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4940010371413	HEATING TOOL KIT	975096	1
4940P9050012067	AIR RECEIVER	9050012067	2
5120002628503LP	PRESS GROMMET	MILP22372	1
5120002930464	CRIMPING TOOL	WT115	2
5120003576065	RIVETER BLIND HAND	G-36	2
5120008117752	CRIMPING TOOL	MRB-33T1	1
5120008593185	WRENCH ADAPTER	MDE321450-1	1
5120009041022	WRENCH TORQUE	OGG-W-00686	1
5120009375438	INSTALLING TOOL	GS4H	2
5120009419976	SEALANT GUN	23118	2
5120010087250	TOOL SET INSTALLATION	T52-10973-5	1
5120010131682	WINDSHIELD CLEANING TOOL	7534539-10	1
5120010559876LS	PIN STRAIGHTENER	T-72050-2	2
5120010715348	HAND HELD RIVET PEEN	2560634	1
5120010715349	RIVETING HOLDER	2560635	1
5120010799686	PULLER SET	294549-1	1
5120011682435	PULLING HEAD	RV981-10	2
5130000141979	INSTALLATION KIT	200-52	2
5130001756088	PULLING HEAD	RV812-3	2
5130001756089	PULLING HEAD	RV812-4	2
5130001756090	PULLING HEAD	RV812-5	2
5130001756091	PULLING HEAD	RV812-6	2
5130001916496	PULLING HEAD	RV882-5	2
5130001916522	PULLING HEAD	RV882-4	2
5130001916523	PULLING HEAD	RV882-6	2
5130003111576	NUT RUNNER	CP3017SR5KN	18
5130003451179	INJ SEALANT GUN	223	4
5130005423276	PNEU BLIND RIVETER	G740A-PHR	1
5130010428224	PNEU BLIND RIVETER	7150-3003	3
5180000793400	ELECTRICAL TOOL KIT	MS27426	2
5180001498603	TUBING TOOL REPAIR KIT	D10030	1
5180001498605	PERMASWEDGE TUBE KIT	D10031	1
5180010260253	PERMASWEDGE KIT	D12323-1-3456	1
5180010260254	TUBING TOOL KIT	D10032	1
5180010260255	PERMASWEDGE KIT	D1232V-1-812	1
5180010260309	ELECT REPAIR TOOL KIT	DMC179	1
5180010260310	BACK SHELL KIT	TG-72	1

5180012561958LS	TOOL KIT	1942-003-01	1
5210007104359	DIAL DEPTH GAGE	643J	1
5210010351254	SURFACE GAGE	57B	1
5210010428498FS	FLANGE CHECK GAGE	2706128	1
5220005681530	GAGE ELECTRONIC	712-1	1
5220006013043	BLADE INDICATOR	HSP1827A/HSP1827C	1
5220009823214LP	ANGLE PLATE	9193	1
5220010351071	ANGLE PLATE	9185-20	1
5220010414493	SINE PLATE COMP	A-15-MS	1
5220010946911	ANGLE BLOCK GAGE	214-1-1	1
5280000888555BS	DETON GAGE SET	12A2452-1	1
5280004791165LP	PLUG GAGE SET	TP025	1
5280010638704	STEEL PARALLE SET	9150B	1
5340007024910	STRIKER STOP PIN	MS17985C403	1
5455012048505	HEADSET MICROPHONE	MIL-H-87810	15

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5520006244998	FINE PIN GAGE ASSY	7133059-10	1
5810000613389	CODE CHANGER KIT KR	KIK18TSEC	1
5820011306838CX	TELEVISION RECEIVER	CV195-1	1
5821006015131	ARC 164 RADIO	705906-804	2
5836011432757	VIDEO RECORDER	V0-5800	1
5845-P1396272064	ULTRASONIC TRANSDUCER	113-221-580	4
5895004036325	DRAIN TUBE	D758	1
5935008370486	ELECTRICAL COVER	10-101950-81	1
5935011720901	ELEC REPAIR TOOL KIT	DMC712	3
5965010050341	HEADSET ADAP	911349-801	1
5965011281410	MICROPHONE HEADSET	MILH26541	1
5965012048505	MICROPHONE HEADSET	M87819/1-01	15
6115004208486	GAS GENERATOR SET	AM32A60A	4
6125010295464	MOTOR GENERATOR	A700	2
6130000688272	CHARGER ANALYZER	6180-001	1
6130004582696	CHARGER BATTERY	505-5C-1M	1
6130013123511	INERT EMERGENCY POWER SUPPLY	CAP12115B	1
6150013178054	CABLE SET	68D150106-1001	1
6230007012947	EXTENSION LIGHT	MIL-F-16377/52	12
6230008779172	FLOOD LIGHT ASSY	67E35402-A	2
6370001161620	VIEWER PRINTER	MILV80241	2
6525006080620	X-RAY FILM MARKING EQUIP		2
6605000326306BF	CALIBRATOR COMPASS	2591553-901	1
6625001270109	VOLTAGE STANDARD	332D	1
6625001312751	OSCILLOSCOPE	453MOD703H	1
6625001341533	TEST SET	4035500-0501	1
6625001391533	TEST SET TRANSPONDER	4035500-0501	1
6625002242252	MULTIMETER	PDSANE69-6625-190	9
6625003075256	PLUG IN UNIT ELECTR	86220A	1
6625003615318	PLUG IN UNIT ELECTR	7A26	2
6625003653837	RESISTANCE STANDARD	SR1010LTC	1
6625004096872	FREQUENCY METER	AN-USM-326	1
6625004364883	POWER METER	432A	1
6625004383794	OSCILLOSCOPE	MIL-0-83226A	1
6625004507593	POWER METER CALIBRATOR	8477A	2
6625004593219	VOLTAGE DIVIDER	8.00E+11	1
6625004863806	ELECTRONIC COUNTER	1406	2
6625004917752	MULTIMETER	ANUSM-341	3
6625005006646	MAIN FRAME	TN501	1
6625005205158	PLUG-IN UNIT ELECTRA	PG506	1
6625005537696	OSCILLOSCOPE	OSO8BU	1
6625005571168	TEST SET, RADIO	50361A5001	1
6625005815894	ELEMENT DETECT PLUG	25D	1
6625005957669	BRIDGE INDUCTANCE	815AF	2
6625006022087	VOLTAGE DIVIDER	1454A	1

6625006291998	RESISTANCE STANDARD	4223B	2
6625006431568	GENERATOR SIGNAL	205AG	1
6625006431686	MULTIMETER	AN/PSM-6	3
6625006431785	OHMMETER	AN/PSM-2A	1
6625006490034	RESISTOR DECODE	1432V	1
6625006495070	TEST SET, RADIO FREQ	35-5361	1
6625006763667	TEST SET, ATTENUATOR	64	1

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6625006827452	GENERATOR PULSE	214A	1
6625007390957	INSULATION TEST SET	122-2-5	1
6625007782199	CAPACITANCE STANDARD	SS-32	2
6625008044993	CALIBRATION STANDARD	829B	1
6625008884609	TEST FACILITIES SER	AN/APM-270V	1
6625009059500	TEST SET, RADIO FREQ	430000	1
6625009574374	MULTIMETER	AN/PSM-GB	3
6625009724046	VOLTMETER	803B	1
6625009935364	FREQUENCY MEASURING	E14-5245L	2
6625010034396	GENERATOR DETECTOR	865A	1
6625010035561	ELECT TEST SET	1502	1
6625010098162AX	LEAD TEST	PWA52176	1
6625010174718	R.F. TEST SET	1000	1
6625010197890	GENERATOR SIGNAL	862DC	1
6625010223253	ADAPTER SET, TEST	1515937	1
6625010223257	ELECT SYST TEST SET	AN/USM-430	1
6625010326914	OSCILLOSCOPE	465M	1
6625010350257	CAPACITANCE BRIDGE	361-015-001	1
6625010356337	GENERATOR SIGNAL	1250A	1
6625010390467	FREQUENCY METER	9648M	1
6625010404336	INU BATTERY TEST SET	16U74512-3	1
6625010450377	SWITCH CONTIN TEST SET	5943514	1
6625010452183	GENERATOR SIGNAL	86400-003	1
6625010543483	GENERATOR SIGNAL	652A	1
6625010636325	CALIBRATOR VOLTAGE	5200A	1
6625010856857	ELECT TYPE MULTIMETER	410B	1
6625010946693	TEST SET ELECTRICAL	73BC	1
6625011127046	OHMMETER	4328A0PT001	1
6625011288588	TEST SET, RADIO	P7-01-0013	2
6625011400221	MULTIMETER	8012	1
6625012598162LS	TEST SET BATTERY	1842-016	1
6630000232299	COMPARATOR COLOR	MIL-C-538	1
6630005300987	TESTER FLASHPOINT	MIL-T-36385	1
6630010956119	OXYGEN ANALYZER	115583	1
6635000000133	PORTABLE X-RAY UNIT	GXR7-6B	2
6635000185829	DISPLAY TIMER ULTRASONIC	UM715	1
6635000185842	VIEWER X-RAY FILM	6.50E+04	1
6635000220367	TEST BOX TRASON	57A4218-16	1
6635000220372	MAGNETIC INSPECTION	DA200	1
6635000384312	TESTER, HARM BOND	90377	2
6635000569302	TESTOR SPRING	MST-100	1
6635001110456	TESTER TORQUE WRENCH	MIL-T-26639	1
6635001114230	PENETROMETER	5320	1
6635001405139	DETECTOR, METAL FLAW	NDT3	1
6635001679826	TESTER EDDY CURRENT	ED520	1
6635001718602	PROB BCND TESTER	S3007 P.B.T.	4
6635001827534	SPRING RESILIEN TESTER	L20-00-00-26	1
6635002884566	TEST SET EDDY CURRENT	EM 3300	1
6635003910058	MAGNOMETER	2480	2
6635004159225	ULTRASONIC TEST BLOCK	57A4244-18TYPE2	1
6635004330034	MAGNETIC INSPECTION	FD100	1
6635004864911	X-RAY TUBE HEAD	6.50E+52	1
6635005301128	TENSION METER DIAL	T60-1001C81A	1

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6635005301129	TENSION, DIAL INDICATING	MILT38760	1
6635005409020	SP RESIL SPR SCALE TES	LIM	1
6635005731645	PROBE TORQUE TESTER	500T72	1
6635005785286	SPRING RESIL TESTER	MIL-T-43560	3
6635006115617	LIGHT ULTRAVIOLET	ZB26	2
6635006202890	PENETRAMETER	65C273	1
6635007605448	BLACK LIGHT, PORTABLE	MI6	2
6635007892763	CALIBRATOR TORQUE	6500T2	1
6635007900733	SCALE PUSH-PULL	719-20	1
6635007936757	PAINT METER	GG6280D	1
6635008028846	TESTER SPRING RESILIENCY	DPP50	1
6635008807868	DIAL TENSION METER	DPP10	1
6635009182788	SPRING RESILNCY TESTER	DPP80	1
6635009451220	TRANSDUCER	57A2279	2
6635009605062	ULTRAS LEAK DETECTOR	4918A	1
6635009626229	TESTER MATERIAL HAR	XAHAP TYPE A	1
6635009685692	TEST SPRING RESIL	D200M	1
6635009961416	PROBE GENERAL PURPOSE	47A5042	2
6635010114151	PROBE EDDY CURRENT	64117-1/2	2
6635010114863	PROBE EDDY CURRENT	61003	2
6635010402139	SCREEN LEAD ALLOY	190999,005/010	18
6635010547032	TRANSDUCER CHEAR HA	MD-MSWR-2,25-5	2
6635010572761	TRANSDUCER ULTRASN	57A83CO	12
6635010576011	HOLDER PROBE	64301-1/4A(H.P.)	2
6635010576016	HOLDER PROBE	63417-1/2A	2
6635010576020	HOLDER PROBE	64313-7/16A	2
6635010592606	X-RAY PROCESSING UNIT	SAMMEPD382	1
6635010651233	ULTRASONIC FLOW DETECTO	MFDG4-AMARKI	4
6635010651661	PROCESSING MACHINE	072-1500	1
6635010676315	HEAD STAND, X-RAY TUBE	65C573	3
6635010922308	MAGNETIC INSPECTION TOOL	HT-100	1
6635010925129	STANDARD UNIVERSAL	7947479	1
6635011027828	WEDGE	2102099	2
6635011027829	WEDGE	2102100	2
6635011291346	TUBEHEAD STAND	200160150TS	1
6635011334287	TRANSDUCER SUPERSON	57A3032	2
6635011475489	PROBE, DOLT HOLE	VM101GS-3/16	2
6635011958663	PROBE EDDY CURRENT	A29-COGB	1
6635012113905	BLOCK ULTRASONIC	AIS1166	1
6635012538024	PROCESSING MECH	072-T600	1
6635013102481	BLOCK ULTRASONIC	UIB-519	1
6635NC378020	BLACK LIGHT, PORTABLE		2
6645001260286	STOPWATCH	MS14823	1
6650005095588	TRANSIT, JIG	71	2
6650008315532	OPTICAL MICROMETER KIT	966A1	1
6650012489081	FLEXIBLE BORESCOPE	PWA56075	1
6665001367971	CALIBRATION KIT	TBC-1	1
6665001812438	IND COMBUSTIBLE TOXI	TBA5100-1	1
6665005810220	RADIACMETER	URIO	1
6665011538474	TOXIC COMBUST INDICATOR	51-7241	1
6670005144117	SCALE WEIGHING	MIL-S-11581	1
6670005264924	SCALE MAIL AND PARC	BP-13-70PP	1
6670005268498	AC WEIGHT SCALE	MILW7327ATYPEC1	1

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6675005095586	PRECISE OPTICAL LEVEL	TA2011-1	2
6675007774529	CLINOMETER	TB107	1
6675010527029	TELESCOPIC TRANSIT	76RH	4
6685001159602YD	VACUUM GAGE ASSY	15840	1
6685002550392	THERMO	D-T4013	1
6685004620545	DIAL PRESSURE GAGE	83K	1
6685005268646	MANOMETER VERTICAL	A-338	1

6685005276220	DIAL VACUUM GAGE	GL87	1
6685006270181	TESTER PRESSURE GAGE	10-10525	1
6685007660237	CONTROL TEMPERATURE	70323	2
6685008121199	THERMOMETER, SELF-IN	3950J1	1
6685008791799	COMPOUND P GAGE	78140	10
6685008804130	TESTER PRESSURE GAGE	125XC	1
6685010486411AX	TEMPER CONTROL UNIT	70323-1	1
6685010736834	STANDARD PRESSURE	6-201-0001	1
6685010785364	THERMOCOUPLE SINULA	2180A/Y2003M/JKE	1
6685011682411	PRESSURE CONTROLLER	909800-31-1	1
6685012577155	CONTROL	ARC6000	1
6685006935009	TESTER PRESSURE GAGE	MP-1	1
6685007641137	HYPOTHERMOGRAPHY	08-T2-P	2
6695001337525	STANDARD AUXILIARY	3930-805	1
6695007262721	LIQUID OXYGEN SAMPLER	2702501-1	1
6695007757593	CALIBRATION SET	6680.2	1
6730001161618	VIEWER MICROFICHE	MILV80240	10
6760009090727	DENSETOMER	TD100	1
6150013178054	CABLE SET	68D15001061001	1
7910006329840	VACUUM CLEANER	55-1AS	3
7940001640537	MACHINE STENCIL	GGS747S1ZE1	3
8120002683355	CYLINDER COMPRESSED	-	4
8120006800153	CYLINDER COMPRESSED	-	1
8145003946807PT	AIRCRAFT COVER	P4015011	2
8145004169563PT	AIRCRAFT COVER	P4F030583	8
*	QUACKENBUSH MOTOR	15QDA-160-10RA-SU	1
*	NOSE ADAPTER	614905	1
*	SOLID SPINDLE	623266	1
*	DRESSER	623989	1
*	CHUCK ADAPTER	619136	1
*	SWIVEL FLUID	62172-6	1
*	CUTTER	GR112328RFH	4
*	TEST SET ADAPTER	MX9845-USM	1
*		SANE69-1528 TYPE 2	1
*	FUSELAGE WORKSTANDS	F15-0-48-2	4 RIGHT
*	FUSELAGE WORKSTANDS	F15-0-48-1	4 LEFT
*	AC VERT STAB WK STANDS	F15-00-13	5
1560ND142698LFX	NLG BUSHING TOOL	872002-10	1
1560ND143719LFX	FLIGHT CONTROL	X7742233	2
1560ND143720LFX	RAMP DOLLY	X7742378	2
1560P5004470	ISOPAR COOLANT MIST SY	5004470	2
1560P68TO525871	ADAPTER FUEL PURGE	68T052587-1	2
1560P8135566	JFS FLUSH HOSE ADAPTER	8135566	1
1560P8435557	JFA FLUSH HOSE	8435557	1
1560PMH2MODIFIED	FUEL FILTER CART	MH-2 MODIFIED	3

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1620012376000YZ	JACK PAD, LANDING GEAR	68D010007-1001	1
1730000012277	FORWARD PYLON ADAPTER	68D150024-1001	1
1730000012278	FWD PYLON ADAPTER	68D150025-1001	1
1730000043571	WING ASSY ADAPTER	68D050005-1001	5
1730000043572	HOISTING UNIT STAB AC	68D050015-1001	2
1730000043577	PYLON HANDLING ADAPTER	68D150003-1001	1
1730000055605	DOLLY TYPE JACK	PWA24667	1
1730000264491	AIRCRAFT LOCK	68D300008-1001	3
1730000632862	HOLD BACK ASSEM ENG R	68D390001-1001	1
1730000792931	PROTECTOR, AFTER BURNER	68D050139-1001	2
1730001198641	ROLL ADAPTER MJ&1	5D1E1	1
1730001476646FX	ADAPTER ASSY PYLON SU	68D150001-1001	1
1730001476647FX	AIRCRAFT GROUND SCREEN	68D390008-1001	2
1730001556078	ADAPTER ASSY ENG INST	68D390005-1001	5
1730001556094	CANOPY CRADLE	68D110004-1001	8
1730001556096	PIN KIT	68D050026-1003	2
1730001556115	AIRCRAFT BRACE	68D110008-1003	3
1730001611838FX	AIRCRAFT MAIN SLING	68D240023-1001	1
1730001657614GG	ADAPTER ASSY 20MM GUN	68D150008-1003	1
1730001686558	AIRCRAFT GROUND SHIELD	68D050007-1001	20
1730002054333	HORIZ STAB TRANS CART	RE268210001-1	8
1730002150642FX	AIRCRAFT GROUND COVER	3173856-100	8
1730002168906	JFS ALIGNMENT ADAPTER	68D170003-1001	1
1730002378944	AIRCRAFT MAIN SLING	RE268230001-1	3
1730003120046	AIRCRAFT MAIN SLING	68D010005-1001	2
1730003120730	SWITCH POSITIONING DEVI	68D290018-1001	2
1730003214092	LOCK, ACFT/GROUND	68D320031-1001	2
1730003265835	BEAM STYLE SLING	RE268315004-1	1
1730003991288	STRUT SAFETY SPEED BR	68D050011-1005	10
1730004154827	AMMO HOISTING UNIT	68D150022-1003	2
1730004773390	AIRCRAFT LADDER	68D290024-1001	1
1730004773394	AIRCRAFT SPEED BRAKE SLING	68D050013-1003	1
1730005037625	ENGINE SUPPORT	P4006409	6
1730005150473	CANOPY STRAP ASSEMBLY	68D240028-1001	2
1730005517019	ENGINE RAIL ASSEMBLY	68D390004-1003	7
1730005533188	AIRCRAFT GROUND LOCK	68D110042-1001	1
1730006109688	SAFETY SUPPORT	P4030580	1
1730007849384	AIRCRAFT RAMP SLING	68D050039-1001	4
1730010080555	ACCESS STRESS FRAME	68D050021-1005	2
1730010080556	R.H. AILERON ACCESS FRM	68D050021-1006	2
1730010172800	AIRCRAFT CANOPY SLING	68D110005-1003	1
1730010204808	ALIGN, ADAPTER JFS/CGB	68D170003-1003	1
1730010255339	SLING AFT FUSER	RE26833001-1	2
1730010296753	ANTI-PERSONAL GUARD	68D390013-1003	6
1730010394313	EMERGENCY PLATE SET	68D320037-1001	1
1730010394325	RIGGING PROTRACTOR	68D110043-1001	2
1730010414957	RIGGING PROTRACTOR	68D110046-1001	1
1730010428541	AIRCRAFT GROUND LOCK	68D110023-1007	3
1730010463550	ENGINE TRANSPORT BRACE	68D390015-1001	2
1730010469935	SEAT DOLLY ADAPTER	68D110044-1001	1
1730010476539	CANOPY RAISING ADAPTER	68D110048-1001	1
1730010476616	BELLCRANK CANOPY HINGE RESTRAINT	68D110049-1001	1

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1730010481913	RIGGING CANOPY HINGE PROTRACTOR	68D110043-1003	1
1730010568869FX	ACCESS F STRESS FRAME	68D050022-1003	2
1730010568870FX	ACCESS F STRESS FRAME	68D050022-1004	2
1730010602225	CK FIXTURE, MIS LAUN	RE568320002-1	3
1730010602226	CK FIXTURE, MIS LAUN FT	RE 568320002-2	3
1730010626709	AIRCRAFT SLING	68D050003-1003	5
1730010627475FX	ANTENNA REFLECT CRADLE	68D260080-1003	8
1730010763934	AIRCRAFT ACCESS LADDER	68D050001-1005	4
1730010811698	MULTIPLE LEG SLING	68D150060-1001	1
1730010860403	20 MM GUN SLING	68D150061-1001	1
1730010868785	HOISTING ADAPTER	68D260079-1007	1
1730010904984	FUEL TANK DOLLY	68D290042-1001	2
1730011058385	RAM INLET COVER CFT	68D050095-1001	10
1730011058386	OVERBOARD COVER	68D050096-1001	10
1730011059514	ENGINE INSTALLATION ROL	68D390006-1003	6
1730011059594	PRI INLET COVER	68D050098-1001	10
1730011062716	SHIELD, AC	68D050099-1001	10
1730011067674	HANDLE PUMP JFS	68D170016-1001	1
1730011188007	JACK EX ADAPTER	PWA55562	1
1730011213615	SUPPORT STAND, CFT	68D290057-1001	8
1730011251151	COVER, EGS PLENUM CFT	68D050102-1001	1
1730011304762	COVER, AMBIENT	68D050106-1001	10
1730011371674	HOISTING ADAPTER	68D150023-1003	1

1730011498899	COVER, ENG VENT UPPER	68D050110-1001	10
1730011498900	COVER, ENGINE INLET	68D050109-1001	10
1730011805744	CFT MAINT STAND	68D290050-1003	2
1730011806095	SUPPORT STAND CFT	68D290057-1003	10
1730011809677	SLING HOIST CFT	68D290051-1003	2
1730011826954	DOLLY, HANDLING CFT	68D290048-1005	2
1730012316296	ADAPT ASSY., IDG	68D230035-1001	1
1730012374462	PIN A/C GRND SAFETY LG	68D320046-1001	1
1730012564298	LIFT. KIT, MANUAL ELECT. PKG	68D050125-1001	1
1730012586954	STRUT EXT., SPEED BRAKE	68D050126-1001	1
1730012947952	COVER, CFT ECS SCOOP ADAPT.	68D050138-1001	2
1730012956047	COVER, FIXED ECS SCOOP	68D050137-1001	2
1730012998682	SLING KIT, CFT MODULE	RE568250001-1	1
1730012998682	KIT, SLING CFT MODULE	RE568250001-1	1
1730013015333	SHUNTING SLEEVE, ROTOR & CASING ASSY	3867000F132	1
1730013025062	DOLLY, CFT HANDLING	68D290048-1007	2
1730013260327	ADAPTER, SLING EJECTION SEAT	68D110060-1001	1
1730PX8135414	LIFTING DEVICE, HORZ WIN		1
1730PX8433891-10	LH WING SUPPORT FIXTURE		2
1730PX8433891-20	RH WING SUPPORT FIXTURE		2
1740010536613	ACFT HANDLER	G05581-200E	1
1740010657643	WING TRANS DOLLY (L/H)	7759322L	6
1740010659478	WING TRANS DOLLY (R/H)	7759322R	1
3460012946308	PLATE, LAPPING	T92-49035	4
3460013050951	STAKING TOOL, ROLLER BRG.	RST1012	1
3465012901031	COMPRESSOR, SPRING	AKS31280	4
3465012949931	STAKING TOOL, PILOT VALVE SHAFT BRG.	3867000F117	1
3465012952724	INSTALL. TOOL, RETAINING RING 3867000F119	1	
3465012954023	SHEARING TOOL, PISTON	3867000F120	1

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3465012957915	PRESSING TOOL, PILOT VALVE SHAFT BRG.	3867000F116	1
3465012957916	TOOL, SPRING COMPRESSION	3867000F123	1
3465012957917	SWAGING FIXTURE, FWD & AFT PISTON ROD	3867000F129	1
3465012957918	RACE DRIVER, INPUT HOUSING	DJS44307	1
3465012957919	RACE DRIVER, DIFFERENTAL	DJS44291	1
3465013013201	INSERT TOOL, EXCITER ROTOR	31169-9943	1
3465013043066	FIXTURE, ARBOR PRESS	AKS43594	1
3465013043067	DRIVER, MISCL	DJS44828	2
3930011200522	ADAPTER, LIFT	4B737E-10	2
4010003735763	WIRE ROPE ASSY	68D320032-1001	6
4320002089950PT	HYD PUMP	PWA51409	1
4720003712156	NON-METALIC HOSE ASSY	68D290021-1001	2
4920-TOOLING	VERT WING FIXTURE	X8526568	(SETS) 4
4920 NSL	ALIGNMENT FIXTURE	X-49456-C	1
4920000015297	HYDRAULIC PRESSURE XMTR	2131531-1	1
4920000018337	TARGET ASSEMBLY	68D060017-1001	4
4920000031864FX	STAND, MAINT. - WHEEL ASSY	68D320021-1005	1
4920000031865NT	CALIBRATOR COMPASS	4004304-901	1
4920000031895	DRIVE SHAFT HOLDER	PWA50433	1
4920000035581FX	RUDDER POSITIONER	68D050012-1001	2
4920000070428	MAIN OIL HOLDER	PWA50482	1
4920000082293	GEAR POSITION IND. PNL.	1992639-1	1
4920000083817	FUEL TEST KIT	68D290009-1001	1
4920000083838FX	LOX CONVERTER ADAPTER	68D110031-1001	1
4920000083879	MEASUREMENT PLATE	68D050028-1001	2
4920000099424	ALIGNMENT ADAPTER	589-102001-11	2
4920000099425	ALIGNMENT ADAPTER	590-102001-21	1
4920000288552	LINK ASSY DRILL	RE168335010-1	6
4920000302061	HEAT EXCHANGE CAP SEAT	907718-1-1	1
4920000349308TP	HEAT AND SEAL SET	905865-1-1	1
4920000999025LE	HYD BRAKE PRESSURE INDI	68D320023-1003	2

4920001156549	HOLDING FIXTURE, PISTON & SLIPPER ASSY.	270-5510	1
4920001526651TP	PRESSURE ADAPTER	68D240021-1001	2
4920001616962	BORESIGHT KIT, REF PLANE	583-102001-11	1
4920001616963	ALIGNMENT ADAPTER, INMU	586-102001-11	1
4920001616964	ALIGNMENT ADAPTER, LCG MT	588-102001-11	1
4920001616965	ALIGNMENT ADAPTER, RAD ANT	585-102001-11	1
4920001616966	ALIGNMENT ADAPTER	591-102001-11	1
4920001627848	FUEL DRAIN SIPHON TOOL	68D290023-1001	1
4920001656989	RIGGING TEMPLATE	68D320024-1003	2
4920001698584	OPTICAL BORESIGHT KIT	582-102001-11	1
4920001716676	WING ATCH FIT INST KIT	680050056-1001	2
4920001882627	STAB FRAME	RE168210001-1	1
4920002007721	OVH FRAME MLG	RE168411600-3	1
4920002007728	OVH FRAME MLG	RE168411600-4	1
4920002007763	GUN CONTROLS TEST BOX	68D150015-1001	1
4920002022538	HYD PUMP TEST ADAPTER	61071	4
4920002054632	ENGINE ADAPTER	PWA51114	1
4920002088983	LUBE OIL TANK DRAIN CAP	PWA51192	1
4920002106315	TEST SET	PWA50037	1
4920002169141DQ	ELECTRIC TEST SET	PWA50105	1
4920002191265	ADAPTER VALVE TEST	291565-1	1

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4920002191592	PITCH GAGE BAR SET	077-68485	1
4920002242998	TRANSFER FIXTURE	RE368230001-1	1
4920002288034	GAGE BAR TEST SET	077-68306	1
4920002288037	GAGE BAR TEST SET	077-68317	1
4920002748668	WING INSTALLATION TOOL	RE268117001-1	6
4920002748670	WING INSTALLATION TOOL	RE268117001-2	6
4920002803781	V. STAB MATING POSITION	RE468230001-1	2
4920002832301	ACCUMULATOR TEST KIT	2731779	1
4920002884396	ADAPTER HUD ALIGNMENT	587-102001-21	1
4920003141977	OB MLG DOOR PDM	RE168411400-1	1
4920003142061	OB MLG DOOR PDM	RE168411400-2	1
4920003173979	INBD MLG DOOR P	RE168411500-1	1
4920003173980	INBD MLG DOOR P	RE168411500-2	1
4920003275862	MLG FWD DOOR FM	RE168451400-1	1
4920003275870	NLG AFT DOOR FM	RE168451500-1	1
4920003374596	AERIAL RESTRAINING NOZZ	68D290011-1003	1
4920003587639	MOUNTING PLATE	68D290019-1001	2
4920003613615	ALIGNMENT ADAPTER	657-102001-11	1
4920003773076	HOLDING FIXTURE	52907T202	1
4920003822468	V STAB FWD. AFT BOX KIT	RE768230001-3	5
4920004278012	FUEL FILTER PLUG	291804-1	2
4920004395525	IGNITION SYS TEST SET	PWA50025	1
4920004395981	POSITIONING FIXTURE	PWA50515	1
4920004659439BF	ALIGN ADAPTOR, 20MM GUN	53E060085-1	1
4920004721748	PROX SWITCH CONTROL	68D230023-1001	2
4920004849157	FIXTURE, AIRCRAFT	68D060020-1001	2
4920004868565	ACCESSORY KIT	674-103000-11	2
4920004884859	GEARBOX HOUSING BASE	PWA50442	1
4920004972844	OIL PRESSURE XMTR	2131529-1	1
4920005368883	INTAKE RAMP FM	RE168327001-1	3
4920005388735	OH FRAME RAMP R	RE168327001-2	1
4920005969253	RADIO CABLE ASSEMBLY	PWA50078	1
4920005969455	RUDDER CONTROL BOX	68D050073-1003	1
4920006128749	SUPPORT ALIGNMENT	68D060021-1001	1
4920008676607	TELESCOPE, BORESIGHT	7799773	5
4920009263755	ADAPTER KIT	68D290006-1001	3
4920010057672	HOLDING FIXTURE	68D390012-1001	1
4920010065929	RIGGING PIN SET	68D300018-1001	1
4920010067430	PITCH ROLL ADAPTER	68D300019-1001	3
4920010072735	PRESSURE TEST SET	68D300021-1001	1
4920010091708	SEAL HOUSING SUPPORT	291919-1	1
4920010128563DQ	ALIGN TOOL SET	68D320036-1001	1
4920010131994	IB PYLON FM	RE168731202-3	3
4920010132631	CL PYLON FM	RE168731002-1	1
4920010151429	DUMMY ELEMENT PLUG	T21-11755-1	1
4920010164905	REF BORESIGHT KIT	583-102001-21	1
4920010166701	EXTERNAL FUEL TANK CAP	68D290029-1001	2
4920010208041DQ	ENGINE TRIM TEST SET	PWA50081	1
4920010208613	REP TOOL, ENG NOZ R/H UP	RE268335005-2	3
4920010208624	INDICATOR TURN	PWA53353	1
4920010208626	REAM KIT FUSELAGE	RE468320001-2	1
4920010208627	REP TOOL, ENG NOZ L/H UP	RE268335005-1	3

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4920010212935	REP TOOL, ENG NOZ L/H LOW	RE268334004-1	3
4920010212936	REP TOOL, ENG NOZ R/H LOW	RE268334004-2	3
4920010217895	FUSE/WING LUG RE/KT (LH)	RE468320001-1	2
4920010217896FX	PITOT STATIC ADAPTER KT	68D210008-1003	6
4920010225725	L/FR ALIGN KIT	AK168328000-1	1
4920010225726	RAMP PIVOT REPAIR FRAME	RE168328000-1	1
4920010245703	MLG ATT/PT FLAME (LH)	RE368320001-1	2
4920010245704	MLG ATT/PT FRAME (RH)	RE368320001-2	2
4920010288165	LINK ASSY DR/FIX/AL/KIT	AK168335010-1	2
4920010288168	PULLER MECH.	68D320039-1001	5
4920010288552	LINK ASSY DRILL FIX	RE168335010-1	2
4920010297476	TGT ASSY	68D060017-1003	1
4920010313211FX	TEST PKG HAND CONTROLLER	AO3G0122-1	1
4920010315871	B/D CANOPY FRAME	RE168350010-5	1
4920010324205	LINK ASSY DR/FX/ALI/KIT	RE168335010-2	2
4920010347419	JFS ADAPTER KIT	291563-3	1
4920010347670	COMM TEST SET	292E800G4	2
4920010347724	A/C CANOPY FRAME	RE168350004-3	1
4920010356342	HYD PRESSURE TESTER	PWA50096	1
4920010389896	SEARCH UNIT, ALIGN	68D050082-1001	2
4920010389900	ALIGN ADAPT, RAD ANT	590-102001-21	1
4920010399940	TEST PLUG	68D300024-1001	1
4920010405949	MAINTENANCE KIT	PWA50083	1
4920010416013	POWER SUPPLY	PWA50091	1
4920010453916	VERTICAL TOOLING BAR	MD201-10	2
4920010461611	INSPECTION KIT	68D050076-1003	1
4920010461811	FLAME HOLE TRANSFER	RE368230001-3	4
4920010462920	TEST SET TESTER	293E625G1	1
4920010526732	COMPRESSOR ADAPTER	PWA53789	1
4920010533678	REAR COMPR ADAPTER	PWA53788	1
4920010537788	TEST STAND CONSTANT SPEED,	724923	2
4920010537820	CABLE BREAK ADAPTER	68D270027-1001	1
4920010538607	OVERHEAR TEST BOX	68D230029-1001	1
4920010562701	TOOL CONTROL INSTAL	68D390010-1003	5
4920010569763	CABLE ASSEMBLY	PWA50285	1
4920010583544	CONTROL FIXTURE	PWA53895	1
4920010625014	PWR FEED EQUIP	RE268000002-1	2
4920010661344FX	INSTALL KIT	68D050056-1003	2
4920010668927	WING ON FRAME, LH	RE168110001-3	2
4920010668928	WING ON FRAME, RH	RE168110001-4	2
4920010672014	PULLER TOOL SET (INSTALL)	RE168326022-1	1
4920010672015*	CK FIXTURE	RE168325917-1	2
4920010683867	TEST SET	A05G0451-6	1
4920010701805FX	FIXTURE INDICATOR	68D110007-1003	5
4920010701815	ENGINE FUSE MT FRAME	RE268330002-1	1
4920010701816	ENGINE FUSE MT FRAME	AK268330002-1	1
4920010704398	TORQUE ADAPTER	PWA53902	1

4920010712284	RIVETING FIXTURE	2560631	1
4920010720067	WING REAM FRAME	RE168110002-3	2
4920010749285	INBD L/E INSTALL TOOL	RE268111002-3	2
4920010750511	INBD WING ALIG KT (RH)	AK168111201-2	2
4920010750512	IN BD LE SKIN TO	RE168111201-1	2

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4920010750515	TEST CASE ASSY	68D300026-1001	2
4920010750604	INBD L/E INSTALL TOOL	RE268111002-4	2
4920010756646	INBD WING ALIG/KT (LH)	AK168111201-1	2
4920010756648	NLG ATT/P REPAIR/FRAME	RE668310001-1	2
4920010757515	NLG ALIGN KIT	AK368310001-1	2
4920010757516	NLG CHECK FRAME	RE36831001-1	1
4920010759720	OB/WING LE/INS/TOOL (LH)	RE268118002-3	2
4920010759721	OB/WING LE/INS/TOOL (RH)	RE268118002-4	2
4920010763794	ENGINE RUN UP CABLE	68D390016-1001	1
4920010770734	INBD LE SKIN TO	RE168111210-2	2
4920010776494	CABLE SET ADAPTER	68D270028-1001	1
4920010807303	BORESIGHT ADAPT, MAD MT	68D060032-1001	2
4920010811549	RIVETING FIXTURE	2560636	1
4920010818135	FUEL LINE ADAPTER KIT	68D290040-1001	1
4920010837778DP	TEST SET, PYLON	A05G0452-4	1
4920010841541	SECONDARY POWER TEST SE	68D170009-1001	1
4920010856630	AFT FUSELAGE SU	RE568310001-1	1
4920010887065	TRANSMITTER ASSEMBLY	JPWA50138	2
4920010887607	STAND FWD SUPPO	RE368330001-1	1
4920010887608	AFT FUSELAGE SU	RE468330001-1	1
4920010918719	FUEL QTY GAGE TEST SET	68D310053-1003	1
4920010952724	ROLLER STAKING TOOL	RST 1014	1
4920010972939	ACFT CHECK FIXTURE	RE168000001-1	1
4920010977365	CARRIAGE FUSELAGE	RE16833000l-1	1
4920010980889	VACUUM ADAPTER KIT	68D290041-1001	2
4920011013597	TEST STAND, GOVERNOR	712790B	1
4920011013634	RUDDER REPAIR TOOL	RE868230001-1	2
4920011030104	BORESIGHT ADAPTER	68D060025-1001	1
4920011037322	SPRING INSTALL TOOL	68D320041-1001	1
4920011040819	FUEL DRAIN PROBE	68D290044-1001	1
4920011042853	CABLE ASSEMBLY	68D210017-1001	1
4920011042907	ACCES KRT CFT (C/D/E)	68D290047-1001	2
4920011042908	TANK FUEL TEST CFT	68D290052-1001	1
4920011050362	TEST KIT, FUEL	68D290049-1001	1
4920011061765	HOSE ASSY	68D290039-1001	2
4920011074747	FIXTURE TORQUING REAR COMPRESSOR	PWA55359	1
4920011085561	INSPECTION FIXTURE	PWA55422	1
4920011109379	VERT/STAB DRL/P/AFT/FSE	RE268332001-1	1
4920011132390	FLAME PROTECTOR	PWA55558	1
4920011169413	ADAPTER SHUTDOWN	68D270029-1001	1
4920011326656DP	TEST BOX PWR ADAPTER	68D230033-1003	1
4920011438517	SEAL A FIXTURE CENTER	296801-1	1
4920011485480	HOLDING FIXTURE, STABILATOR ACTUATOR	68D300036-1001	1
4920011519399	TS, ACFT WEAPONS CONT	A05G0504-1	1
4920011519400DQ	WEAPONS TEST SET	A05G0451-8	1
4920011548813	FIXTURE RIGGING/TORQUING	PWA5572	1
4920011585848	FUEL LEAK TEST KIT	68D290007-1005	2
4920011591332DO	A/C ENG ICE DET	1992611-3	1
4920011695866FX	INFLIGHT MONITOR	936E225G2	1
4920011735244	BORESCOPE ROTATOR	PWA56018	1
4920011759468	ELECTRONIC TEST SET	68D300020-1007	2
4920011795568	CABINET ASSEMBLY	PWA56013	1
4920011801876	AIRCRAFT G TEST SET	A05G0506-1	1

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4920011805740DP	TS ELECTRICAL	68D290056-1003	1
4920011831872	MATING ADAPTER	RE468230001-3	1
4920011831873	TEST KIT FUEL PRES	68D290009-1003	1
4920011975695	INSTALLATION ASSEMB	PWA56025	1
4920011990613	CABLE B ADAPTER	PWA56026	1
4920012026595DQ	TS ACFT WEAPONS CONT	A05G0504-2	1
4920012037041	AVIONICS AIRFLOW/TEMP CONTROLLER	3596817-1	1
4920012037369	SUPPORT, AMAD SPIN TEST	293821-2	2
4920012177435AX	CAP ASSY, CFT	68D290049-2059	10
4920012283701	STICK RIG IND	68D110007-1005	1
4920012293650	ADAPTER KIT, TEST STAND	743218	1
4920012295785DP	TEST SET, ELECTRONIC - CSBPC	68D300041-1001	1
4920012297699DQ	TEST SET, WEAPONS RELEASE SYS	AO5GO514-1	1
4920012301124AY	TELESCOPE ADAPTER NAV. POD	68D060030-1001	1
4920012301125AY	TELESCOPE ADAPTER TARGETING POD	68D060029-1001	1
4920012302296	ALIGN ADAPT, HUD MOUNT	584-102001-21	1
4920012302656DQ	CASE SET, SHIPPING STORAGE - MOBILE ELECT	68D040202-1001	1
4920012302680FX	STRESS FRAME, AIL ACC DR L.H.	68D050127-1001	1
4920012302681FX	STRESS FRAME, AIL. ACC DR R.H.	68D050127-1002	1
4920012309460DQ	TEST SET, ARMAMENT CIRCUITS PRELOAD	A05G0515-1	1
4920012310774FX	MAINT KIT	FTI-F15-OSP-1	1
4920012409702FX	ADAPTER KT PITOT STATIC	ADA15-612	2
4920012418867FX	TEMPLATE, VERTICAL T	8326069-05	1
4920012465565DQ	TEST STATION, RADAR	13A6521-1	1
4920012496041FX	DISPLAY PROCESSOR	AO3G0121-1	1
4920012606338	CALIBRATION FIXT TARGETING POD	68D060035-1001	1
4920012608154	CALIBRATION FIXT NAV POD	68D060034-1001	1
4920012661753FX	ADAPT.KIT, NITROGEN LEAK TEST	116200-1-T14	1
4920012661762FX	ADAPTER, BRU LOAD STAND	116000-1-T14	1
4920012661763FX	SIMULATOR SET, BRU O.B. COVER	116004-1-T61	1
4920012664315FX	FIXTURE BRU MAINT	116000-1-T13	1
4920012766406	FIXTURE ACFT	8326068-50	1
4920012836804TP	ADAPT. TEST INTERFACE, AIR INLET CONTROL	A05G0529-1	1
4920012836805NT	ADAPTER, TEST INTERFACE, AIR DATA COMP	A05G0530-1	1
4920012836806NT	ADAPTER, TEST INTERF. FLGT CONT COMP	A05G0526-1	1
4920012885423NT	ADAPTER, TEST INTERF REM. MAP READER	A05G0525-2	1
4920012886986AY	ADAPTER, TEST INTERFACE LEAD COMP GYRO	A05G0531-1	1
4920012893938CX	ADAPTER, TEST INTERFACE UHF REC TRANSM	A05G0532-1	1
4920012893939CX	ADAPTER, TEST INTERFACE 1FF REC TRANSM	A05G0533-1	1
4920012893940CX	ADAPTER, TEST INTERFACE 1LS UNITS	A05G0535-1	1
4920012893941CX	ADAPTER, TEST INTERFACE TACAN UNITS	A05G0534-1	1
4920012904058	POSITIONER COMP STATO	PWA5572	1
4920012908535CX	ADAPTER, TEST INTERFACE CONTROL PANELS	A05G0527-1	1
4920012912568	FIXTURE ASSY., PUMP	AKS44195	1
4920012920731	ADAPT KIT, GOVERNOR TEST	746315	1
4920012922186	CHECK FIXT TARGET POD ADAPT	RE168731651-1	1
4920012922191	FIXTURE LAP	T92-49034	4
4920012922192	FIXTURE, HOLDING	FDS36638	1
4920012925457	SKINNING TOOL, I.B. WG L. E. L. H.	RE168111201-3	1
4920012925458	SKINNING TOOL, I.B. WG L. E. R. H.	RE168111201-4	1
4920012925462	ACCY KIT, VERT STAB	RE96823001-1	3
4920012925777	ALIGN KIT - FRAME, OH, MLG O.B. DR. R. H.	AK168413400-2	1

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4920012925778	ALIGN KIT - FRAME, OH, MLG O.B. DR. R. H.	AK168413500-2	1
4920012930204	KIT, COLD WORKING VERT STAB	RE168230024-1	1
4920012930206	ALIGN KIT, MLG INBOARD DR	AK168413500-1	1
4920012931241	CHECK FIXT NAV POD ADAPT	RE168731601-1	1
4920012933426	O. H. FRAME, MLG IB DR. L. H.	RE168413500-1	1
4920012933427	O. H. FRAME, MLG IB DR. R. H.	RE168413500-2	1
4920012940058	TEST FIXT MANIFOLD & VALVE ASSY	3867000F104	1
4920012945474FX	DIGITAL TEST PKG	68D310082-1001	1
4920012946329CX	DIGITAL MODULE	68D190047-1001	1
4920012946330CX	DIGITAL MODULE	68D190049-1001	1
4920012946331CX	DIGITAL MODULE	68D190051-1001	1
4920012948882	TEST BLOCK, CHECK/ANTI-CAVITATION VALVE	3867000F122	1
4920012948883	TEST FIXT, PISTON ROD LVDT	3867000F110	1
4920012950682	CHECKING FIXT HANDOFF UNIT	10029132	1
4920012951649	ADAPT TORQUE WRENCH CAS PISTON ROD	3867000F114	1
4920012951650DQ	TEST FIXT MOTOR ASSY	3867000F113	1
4920012954016CX	DIGITAL MODULE	68D190043-1001	1
4920012954017AY	TEST PKG RADAR	10108381-101	1
4920012954300	DIE, SIZING	DAS25106-24	4
4920012956056AY	DIGITAL TEST PKG	68D310078-1001	1
4920012957788DQ	TEST CONSOLE, PILOT VALVE ASSY	3867000F111	1
4920012959835FX	DIGITAL COMPUTER	10108369-101	1
4920012959936	SPINDLE, AIR	101-21123	1
4920012959937	SPINDLE, AIR	101-22398	1
4920012959938	SETTING RING, MASTER, MINIMUM	120-21124	1
4920012959939	SETTING RING, MASTER, MINIMUM	120-22399	1
4920012961381FX	O.H. FRAME, MLG O.B. DR.L.H	RE168413400-1	1
4920012961382FX	O.H. FRAME, MLG O.B. R. R.H.	RE168413400-2	1
4920012961383FX	ALIGN KIT - FRAME, O.H. MLG OB. R. L.H.	AK168413400-1	1
4920012961399	TEST FIXT PILOT VALVE ASSY	3867000F109	1
4920012982724AX	SIZING TOOL, RETAINER RING	3867000F139	1
4920012987666CX	DIGITAL MODULE	68D190045-1001	1
4920012995996	ADAPT KIT, TEST STAND PRI GEN	68D230037-1001	1
4920012998685CW	TEST PKG, RADAR	68D260182-1001	1
4920012998686CW	TEST PKG, RADAR	68D260181-1001	1
4920013009088	ASSEMBLY, FILTER/REGULATOR	CD11C1506/9	1
4920013013309UG	TEST PKG, ANALOG MODULE	10108360-101	1
4920013015560	TEST SET, WEAPONS RELEASE SYS	A05G0514-2	1
4920013021375NT	TEST PKG ASA	3598314-1	1
4920013040903	ASSY FIXTURE, PILOT VALVE	3867000F137	1
4920013040904	TEST FIXT, CAS & PILOT TRANSDUCER	3867000F147	1
4920013044953NT	TEST PKG, PSA	3598316-1	1
4920013044954NT	TEST PKG, RSA	3598315-1	1
4920013053981	BULLET, ASSY	BLS34347	1
4920013054008	COMPRESSION TOOL, LOCK SPRING	3867000F136	1
4920013054953	FIXT DISASSEMBLY & ASSEMBLY MLG	2097-9101	1
4920013062065	FIXTURE, HOLDING	HHS44225	1
4920013067966HS	FIXTURE, ALIGNING	FCS44823	1
4920013075155	ALIGN ADAPT, RAD ANT	585-102001-21	1
4920013100258DQ	GRIP ASSY, CONTROLLER TEST BOX	68D040198-1001	1
4920013107396DQ	TEST STATION DISPLAYS	13A6560-5	1
4920013131841	TEST FIXTURE, NLG FREE PLAY	T-72249	1

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4920013135296	TEST FIXTURE, MLG/NLG	2096-9102	1
4920013139951AY	ITA, ANALOG MODULE MPD	4781910-1001	1
4920013139952FX	ITA ANALOG MODULE MPD	4782110-1001	1
4920013145929CX	ITA ANALOG MODULE MPDP	4780710-1001	1
4920013146093	HEAD ASSY, CYCLE, MLG/NLG	2097-9103	1
4920013146122FX	ITA ANALOG MODULE RMR	4780910-1001	1
4920013146123CX	ITA ANALOG MODULE RMR	4781110-1001	1
4920013146124CX	ITA ANALOG MODULE RMR	4781310-1001	1
4920013146125CX	ITA ANALOG MODULE RMR	4781510-1001	1
4920013146126CX	ITA ANALOG MODULE RMR	4781710-1001	1
4920013150496CX	FOCUSING FIXTURE	X-49564	1
4920013150659FX	ITA ANALOG MODULE WFOV/HUD	4782910-1001	1
4920013150660FX	ITA ANALOG MODULE MPDP	4782710-1001	1
4920013156777	HOLDER MAINT FIXT - CALIBRATION	A06G2992-1	1
4920013160863FX	ITA ANALOG MODULE MPDP	4782510-1001	1
4920013166525NT	ITA ANALOG MODULE EMD	4780110-1001	1
4920013172857NT	ITA ANALOG MODULE EMD	4780510-1001	1
4920013177000NT	ITA ANALOG MODULE EMD	4780310-1001	1

4920013183263AY	ITA, ANALOG MODULE MPDP	4782310-1001	1
4920013206552DQ	TEST SET, ARMAMENT CIRCUITS	A05G0515-2	1
4920013267036FX	LOCATING FIXT, TUBING BRACKET ASSY	3867000F128	1
4920013272909FX	ALIGN FIXT, ACTUATOR ASSY	3867000F124	1
4920013273936	TEST ADAPT, MLG ORIFICE	T-91555	1
4920013273937	TEST ADAPT MLG ORIFICE	T-91556-1	1
4920013273938	TEST ADAPT MLG ORIFICE	T-91556-2	1
4920013294657	FIXTURE, ALIGNING	FCS34316	1
4920013305140DQ	STORAGE CAB TEST PKGS DISPLAYS TEST STA	13A7360-7-	1
4920013316902	TEST FIXT, NLG LINEAR	2096-9101	1
4920013378585DQ	TEST SET, STORESMAN	A05G0515-4	1
4920013406316DQ	TEST SET, WEAPONS RELEASE SYS	A05G0514-3	1
4920013410876	CALIBRATION OVEN COVER PLATE	J06G0380-1	1
4920013427753CX	ADAPTER, TEST INTERFACE 1FF	A05G0533-2	1
492001344375	CGB LOCATOR FRA	RE168325334	2
4920013557262DQ	ANALOG/DIGITAL AUTO TEST SYS	ATS-H61	1
4920013620262FX	CK FIXT, ATTH PT LANTIRN-TARGET ADAPT	RE368321000-1	1
4920013636758FX	CK FIXT, ATTH PT LANTIRN - NAV ADAPT	RE468321000-1	1
4920013646297DQ	TEST SET, POD INTERFACE	A05G0600-1	1
4920013653867FX	ALIGN KIT ATTCH PT - LANTIRN-TARGET ADAPT	AK368321000-1	1
4920013678134FX	VERT STAB TIP KIT	RE168230021-1	3
4920013715412FX	ALIGN KIT, ATTH PT LANTIRN - NAV ADAPT	AK468321000-1	1
4920013716769DQ	RF/MICROWAVE AUTO TEST SYS	ATS-H59	1
4920013406316	TEST SET, WEAPONS RELEASE SYS	A05G0514-3	1
4920L00045975	FUEL CELL CAPPING	10 WORK DOC NO 083	1
4920L00220075	HORIZONTAL STAB DOLLY	10 DWS-85-028	10
4920L00436075	VERTICAL WORK STAND	10 F15-00-13	7
4920NCC606499FX	TIRE TOOL PLATE	933116203	1
4920NCC606500FX	.ADAPTOR MLG	933116205	14
4920ND057417HHS	TEST STAND, CONSTANT SPEED DR	A17741	1
4925013072940YZ	DRUM HANDLING ADAPT	68D150100-1001	2
4930000058566	TANK AND PUMP UNIT	68D240006-1001	1
4930011081068	POD FUEL SERVICE	83581	1
4931003697154	ADAPTER TELESCOPE	585899-3	1

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4935001168328BF	TEST SET RADIO FREQ	50361A5001	1
4940004510710LP	BALANCE VEHICLE R/H	7720	1
4940011064084	ARM CIRCUIT TEST SET, CFT	68D150077-1001	1
4940012982645	ADAPTER KIT, OVERHAUL EQUIP	746314	1
5120000032259PT	DRIVE REMOVAL TOOL	PWA50666	1
5120000039865	WRENCH SPANNER	F2662-2-34	1
5120000041911FX	WRENCH BEARING CAN	5T4-8778	1
5120000058684	RETAINER RING TOOL	NST120-5	8
5120000099836	TUBE PULLER	T72105	1
5120001385851	REMOVAL TOOL	SWT15-5	2
5120001402649	STAKING TOOL BE	RST2003	4
5120001886751	SPANNER WRENCH	2514000F103	1
5120002026843PT	BOROSCOPE BASE PULLER	PWA51414	1
5120002108946	STAKING TOOL	RST1016	4
5120002108989	ROLLER G STAKING TOOL	RST1003	1
5120002109004	ROLLER STAKING TOOL	RST1002	2
5120002109014	ROLLER G STAKING TOOL	RST1006	1
5120002807263	SEAL TAPER TOOLR	63038T205	1
5120003073368	INSERT WRENCH	PWA51704	1
5120003552587	ASSY TOOL FLUID	MCF12676	1
5120003552641	ASSY TOOL FLUID	MCF12678	1
5120003697128	PYLON BUSH PULLER	RE568110001-1	1
5120003866567	SOCKET WRENCH	68D320033-1001	1
5120004360396	ROLLER STAKING TOOL	RST1007	2
5120004692186	STAKING TOOL	RST1009	1
5120004693001	CLUTCH FAN PULLER	291868-1	2
5120004775976	ROTOR PULLER	PWA52360	1
5120004812940	RETAINING WRENCH	PWA51949	1
5120004813003	ALIGNMENT TOOL	PWA52353	3
5120004849587	FACE WRENCH SOCKET	PWA51798	1
5120004888725	MECHANIC PULLER	PWA50512	1
5120004888817PT	MECHANIC PULLER	PWA50511	1
5120004888819PT	MECHANIC PULLER	PWA50510	1
5120004888906PT	PTO DRIVE SHAFT DRIFT	PWA50443	1
5120005007944	SEALING RIVETER	PWA51762	1
5120005008244	POSITIONING PIN	PWA52419	1
5120005064060	ACTUATOR WRENCH	PWA51757	1
5120005131754	ATTACHMENT SET SPANNER	AN8515-1	1
5120005318730	CLUTCH ADAPT PULLER	291907-1	2
5120005318732	BUSHING LAPPING TOOL	RE268332124-1	1
5120005318741	BUSHING LAPPING TOOL	RE268332124-3	1
5120005318742	BUSHING ADAPTER TOOL	RE368332124-1	1
5120005318743	BUSHING ADAPTER	RE368332124-3	1
5120005585639	BUSHING PULLER	68D050075-1001	1
5120005865495PT	INSTALLING TOOL	PWA50974	1
5120006056042	STATOR L PULLER	PWA52791	1
5120007598092FX	BEARING REMOVAL TOOL	68D050043-1001	1
5120008586379	BEARING CAN WRENCH	5T4-8777	1
5120009839958FX	WRENCH SOCKET	68D320019-1001	1
5120010133405	BOROSCOPE EXTRACTOR	PWA52918	1
5120010133406	BOROSCOPE WRENCH	PWA52922	1
5120010154816	INSTALLATION TOOL	68D290031-1001	2

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5120010217070	ADJUSTING UNIF WRENCH	PWA53715	1
5120010259739	JAMNUT WRENCH	68D320038-1001	1
5120010575227	TORQUE ADAPTER KIT	68D390010-1007	3
5120010779155	EXTRACTOR BOROSCOPE	PWA55169	1
5120010872160	REMOVAL PULLER	PWA55191	1
5120010872164	EXTRACTOR TOOL	PWA55222	1
5120010889039	ARM PULLER	PWA53722	1
5120010890953	SHAFT PULLER	PWA53723	1
5120011018742	INSERTION TOOL	68D110053-1001	1
5120011073819	PIN THRUST PULLER	68D390017-1001	1
5120011172866	RESTRAIN WRENCH	PWA55577	1
5120011233454HS	DRIVER, PIN	6SV23414-8	1
5120011323653	CHECK VALVE WRENCH	87000552AST0	2
5120011372587	COMPRESSOR CYC BLOCK SPRING	AKS32167	1
5120011379902AX	BULLET, ASSY	BLS32190	1
5120011379903AX	BULLET, SIZING	BLS31279	1
5120011379905AX	DIE, SIZING	DAS32194	1
5120011404366AX	SPANNER WRENCH	PWA55717	1
5120011404367AX	SPANNER WRENCH	PWA55718	1
5120011985158	PULLER, FLANGE, IMPACT TYPE	298353-1	1
5120012302968	ADAPTER, TORQUE WRENCH	6SV87368	1
5120012729602	SPANNER SOCKET, BRU ASSY	68D150103-1001	1
5120012831024	PULLER BRU FILTER RETAINER	68D150104-1001	1
5120012905935	TOOL ASSY	AKS25109-3	1
5120012941070	INSTALLATION TOOL, SPRING	3867000F130	1
5120012946333	PLIERS, RETAINER	WAS30804	1
5120012946335	REMOVAL TOOL, RETAINING RING	3867000F118	1
5120012946336	PULLER ASSY, MECHANICAL BRG	298350-1	1
5120012955797	ADAPTER TORQUE WRENCH	3867000F134	1
5120012957727	TORQUE WRENCH ADAPT DETENT RET	3867000F102	1
5120012957797	FREEZE SLEEVE, MAIN RAM LVDT	3867000F125	1
5120012957906	INSTALLATION TOOL, RET RING	3867000F138	1
5120012957910	COMPRESSION SLEEVE, CAS PISTON	3867000F140	1
5120012957911	SIZING TOOL, CAPSTRIP	3867000F141	1
5120012957912	SIZING TOOL, AFT LOCK PISTON	3867000F144	1
5120012957913	SIZING SLEEVE, PACKING RET	3867000F127	1
5120012957972	TORQUE WRENCH ADAPT, INPUT SHAFT RET	3867000F131	1
5120012958028	FREEZE SLEEVE, TRANS QUILL	3867000F149	1
5120012959765	FREEZE SLEEVE, SERVO VALVE	3867000F148	1
5120012961460	INSTALL, TOOL, CAPSTRIP, LOCK PISTON	3867000F145	1
5120012962469	INSTALL, TOOL, PILOT VALVE RET WIRE	3867000F133	1
5120012962539	DIE, SIZING	DAS40593	1
5120012962540	COMPRESSION SLEEVE, FWD LOCK PISTON	3867000F146	1
5120012962541	INSTALL/REM TOOL, COUPLING PIN	3867000F126	1
5120013018338	ADAPTER, BRG PULLER	31169-9944	1
5120013021208	TOOL ROTOR	31169-9941	1
5120013045896	WRENCH, MISC	WAS45796	1
5120013046058	PULLER MECH (REMOVAL)	RE168326022-3	1
5120013047584	BULLET ASSEMBLY	BLS45600	1
5120013079130	SPLIT RING	T72085-2	1
5120013079132	SPLIT RING	T72085-3	1
5120013159971	SPANNER SOCKET, BRU EJECT PISTON ASSY	68D150103-1003	1

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5120L0026427510	TAPER LOK REMOVAL TOOL	KT860114	1
5136013054647	DIE, SIZING	DAS42637	1
5180000085657HS	TOOL KIT	KM9RF9804	1
5180000085658	TOOL KIT, FLUID ADAPT	KM9RF9806	1
5180001636633HS	FLUID ADAPTER TOOL KIT	KM22-680-2E0336	1
5180001636637HS	FLUID ADAPTER TOOL KIT	KM22-660-2E0336	1
5180001636638HS	FLUID ADAPTER TOOL KIT	KM22-616-2E0336	1
5180001636640HS	FLUID ADAPTER TOOL KIT	KM22-640-2E0336	1
5180001790067HS	FLUID ADAPTER TOOL KIT	KM22-612-2E0336	1
5180002832741	INSTALLATION TOOL KIT	R27500MD	1
5180003977795	FUSE STAKE BEAMING KIT	68D050072-1001	2
5180005572731	REPAIR COMP TOOL KIT	68D050071-1001	2
5180007855069	FLUID ADAPTER TOOL KIT	KM9RF5010	1
5180007855073	FLUID ADAPTER TOOL KIT	KM9RF5012	1
5180007855080	FLUID ADAPTER TOOL KIT	KM9RF5016	1
5180010516356	INSTALLATION KIT	68D050072-1003	2
5180010536114FX	INSTALLATION KIT	68D050045-1003	3
5180010625014	PWR FEED EQ	RE268000002-1	1
5180010649443	FLUID ADAPTER TOOL KIT	KM9RF5006E0336	1
5180010649444	FLUID ADAPTER TOOL KIT	KM9RF5008E0336	1
5180010649445	TOOL KIT FLUID ADAPTER	KM9RF5010E0336	1
5180010649446	TOOL KIT FLUID ADAPTER	KM9RF5012E0336	1
5180010649447	TOOL KIT FLUID ADAPTER	KM9RF5016E0336	1
5180010649448	FLUID ADAPTER TOOL KIT	KM9RF5020E0336	1
5180010656574	FLUID ADAPTER TOOL KIT	KM9RF5004E0336	1
5180010720783	DRIVER SET, SEAL INST/REM	293785-2	2
5180010771237	STAB CW KIT	RE368210001-1	1
5180011359990	WG/TO FUSE/ACCES/KIT	RE368110002-1	3
5180011413045	AUX SPAR CK TOOL KIT	TK68R110015-5001	2
5180011420756	UNIVERSAL PULLER	296806-1	1
5180011502462	SPAR REPAIR TOOL KIT	TK68R110020-1	5
5180012592519	TOOL KIT, INSTALL & REM BRG CUP NLG	2560661	1
5180012730859FX	TOOL KIT, AIRCRAFT	FTI-F15-OSP-6-0-N	1
5180012730860FX	TOOL KIT, AIRCRAFT	FTI-F15-OSP-8-1-N	1
5180012730861FX	TOOL KIT, AIRCRAFT	FTI-F15-OSP-8-0-N	1
5180012733826FX	TOOL KIT, AIRCRAFT	FTI-F15-OSP-6-I-N	1
5180012945039	DRIVER KIT, MECH GEARSHAFT	298351-1	1
5200010044174	OVERCENTER GAGE	68D320035-1001	1
5210008265368	CAGE DEPTH MICROMETER	GGG-C-105	1
5220001921488	LINEAR GAGE	68D050058-1001	1
5220002559003	AILERON RIGG BAR	68D050062-1001	2
5220007855896	FORCE GAGE	68D050048-1001	2

5220010098190	SPARK IGNITION GAGE	PWA52886	1
5220010156225	FUEL CONTROL CHECK PIN	68D390014-1001	1
5220011405864AX	INDICATOR GAGE	PWA55709	1
5220011405866AX	INDICATOR GAGE	PWA55714	1
5280010375654	EXIT CANOPY LOCK GAGE R	68D110012-1005	2
5315012928972	PLUG, LOCATOR	T92-33880	1
5340005969497	WELDING STRAP	68D290025-1001	1
5340011247089	COVER ECS PLENU	68D050102-1002	5
5340011251151	COVER ECS PLENU	68D050102-1001	5
5935007024846	ADAPTER, CONNECTOR	16075	1

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5965012048505	ADAPTER, TORQUE WRENCH	298450-1	1
5985004376443	ATTENUATOR VARIABLE	355C	2
5985010980365YA	CASE, ANTENNA ALIGN	68DO40152-1003	1
5985012915417DQ	DOUBLE BALANCED COAXIAL MIXER	DMS1-26A	1
6115010616610	GENERATOR SET, DIESEL	90G2OP	3
6120010495037	TRANSFORMER POWER	3PN136B	1
6130002264101	POWER SUPPLY	D3105	2
6130004150300	POWER SUPPLY	6267B	1
6130004708589	POWER SUPPLY	5015TK	1
6130005077493	CHARGER BATTERY	200679	1
6130008941864	POWER SUPPLY	301E	1
6130013403004	POWER SOURCE, AC	25-C-1596	1
6150 NSL	ADAPT DIELECTRIC TEST DIRECT TRIM ACTUATOR	AT3059-84	1
6150 NSL	ADAPT DIELECTRIC TEST LONGITUDE TRIM ACTUATOR	AT3059-83	1
6150 NSL	ADAPTER DIELECTRIC TEST LATERAL TRIM ACTUATOR	AT3059-82	1
6150005018077	CABLE ASSY POWER	MS24208-1	6
6150006210531	CABLE ASSY POWER	169050	3
6150011584189FX	CABLE ASSY, SPEC	68D320044-1001	1
6150012467059	CABLE ASSY	PWA56082	1
6150012907493DQ	CABLE ASSY	A14G2329-1	1
6150013094632DQ	CABLE ASSY	A06G2991-1	1
6150013147059DQ	CABLE ASSY	A14G2330-1	1
6150013147060DQ	CABLE ASSY	A14G2331-1	1
6150013321619AX	TANK, #1 FUEL PROBE CABLE ADAPT SET	68D310282-1001	1
6615010616610	GENERATOR SET DIESEL	9DG20P	3
6615011532073	TEST SET	936E225G3	2
6625000045378	ELECTRONIC TEST SET	T30S304	1
6625007773072DQ	SIMULATOR	145-51747	1
6625010632663	ANT SWITCH SET	68D260018-1001	1
6625011975744	MULTIMETER	8506A-02A-05	1
6625012363858	CIRCUIT TESTER	PC-4000	1
6625012868798DQ	TEST SET, ELECT	68D040201-1003	1
6625012959792DQ	TEST PANEL, AC AND DC	AT4316-15E	1
6625013156778	CONTROLLER, CALIBRATION	A06G2990-1	1
6625013159221CX	F-15 RMR SYNCHRO TEST SET	130K386-1	1
6625013243371DQ	TEST SET TELECOMM	CD15A1580/13	1
6635010737485	CALIBRATION KIT	68D050090-1001	1
6635012618069	COMPARATOR, OPTICAL, HORIZ BEAM	20-4200-00	1
6635L00565975	TEST SET FIRING CIRCUIT	A/E24T-171	1
6650004812448	BORESCOPE INSP KIT	PWA51751	1
6650005277378	ELBOW TELESCOPE	119520	1
6650010746661	BORESCOPE GUIDE TUBE	PWA50133	1
6650010753521	LIGHT SOURCE	F044333	1
6650010756642	BOROSCOPE	PWA50132	1
6650011093252	BORESCOPE GUIDE TUBE	PWA52041	1
6670010860983	DYNAMETER SCALE	TD5-500FGSH	1
6685005279315	GAGE ASSY AIR	48C929-2	4
6685010649480	TEMP KIT	68D290038-1001	1
7025011953502	DATA ENTRY KEYBOARD	VT22K-AA	1
7110009351886	DOOR, VAULT	AA-D-00600	1

8145012999184	CASE, SHIPPING & STORAGE	J06G0381-1	1
8145013249162	STORAGE CABINET	13A7320-6	1

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*	POWER PLANT HOLDING FIXTURE	ESCALA 1:10 (1:2)	6
*	LEADING EDGE WORK STAND	F-15-0-16-1/2	10
*	TOOLING FUSELAGE FS626.90 WIRING ACCESS HOLE	X8842463 REV A	1
*	ANGLE DRILL (360 DEG)	15L2280-92	2
*	AUTOMATIC WIRING ANALYZER	F002882	1
*	MAGNETIC AZMITH DETECTOR MAINTENANCE ALIGNMENT	657-202000-11	1
*	REDUCER	STDM247T1208	1
*	TEST HARNESS MAGNETIC AZMITH DETECTOR SIMULATOR	8836706	1
*	APPLY TEMPLATE (DETAIL 1)	AT68J311312-5001	1
*	APPLY TEMPLATE (DETAIL 2)	AT68J311312-5001	1
*	DUMMY MPCD BOX		1
*	DUMMY JACK	5M1972	1
* NOT STOCKLISTED			

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Number	Title
MIL-PRF-131K	Barrier Materials, Water Vapor Proof Flexible, Heat - Sealable
MIL-PRF-680B	Solvent, Degreasing
MIL-C-5541E	Chemical Conversion Coatings on Aluminum and Aluminum Alloy
MIL-PRF-27617F	Grease, Aircraft and Instrument
MIL-PRF-5606H	Hydraulic Fluid, Petroleum Base
MIL-PRF-3918A	Lube Oil, Instrument, Aircraft
MIL-C-6529C	Corrosion Preventative, Acft Engine
MIL-PRF-8516F	Sealing Compound, Elec Connectors
MIL-A-8625F	Anodic Coating, for Aluminum and Aluminum Alloys
MIL-C-11796C	CPC, Petrolatum, Hot Application
MIL-PRF-16173E	CPC, Solvent Cutback, Cold Appl
MIL-PRF-38299C	Fluid Purging, for Pressure Fuel Tanks of Jet Aircraft
MIL-C-43616C	Cleaning Compound Acft Surface
MIL-DTL-81706B	Chemical Conversion Materials for Coating Aluminum and Aluminum Alloys
MIL-PRF-81733D	Sealing and Coating Compound, Corrosion Inhibiting
MIL-T-81772B	Thinner, Aircraft Coating
MIL-PRF-83282D	Hydraulic Fluid, Fire Resistance, Synthetic Hydrocarbon Base, Aircraft, Metric, Note Code Number H-537
MIL-PRF-85285D	Coating: Polyurethane, Hi-Solids
MIL-PRF-85582D	Primer Coatings: Epoxy Waterborne
MIL-L-87177A	Lubricants, Compound, Water Displacing, Synthetic
MIL-PRF-87937D	Cleaning Compounds, Aerospace Equipment
MIL-PRF-27210G	Oxygen, Aviator's Breathing, Liquid and Gas
MIL-PRF-32033	Lubricating Oil, General Purpose
MIL-STD-1518C	Storage, Handling and Servicing of Aviation Fuels, Oils and Hyd Fluid at Contractor Facilities
VV-P-236A	Petrolatum, Technical
TT-R-248-14	Remover, Paint and Lacquer, Solvent Type
P-P-560B	Polish, Plastic
TT-E-751C	Ethyl Acetate, Technical
A-A-857B	Thinner, Dope and Lacquer
P-W-2891A	Wipe Solvents, Low Vapor Pressure
A-A-58054	Abrasive Mats, Non-Woven, Non-Metallic
A-A-59168	Layout Fluid (Dye), Blue
A-A-59281A	Cleaning Compound, Solvent Mixtures
CCC-C-440E	Cloth, Cheesecloth, Cotton
ASTM D 740	Specification for Methyl Ethyl Keytone
ASTM E 1417	Practice for Liquid Penetrant Examination
ASTM B 209	Aluminum and Aluminum-Alloy Sheet and Plate
ASTM E 1444	Examination Magnetic Particle
ASTM E 1742	Standard Practice for Radiographic Examination
ASTM D 4701	Specification for Technical Grade Methylene Chloride
NCSL Z 540.1	Laboratories, Calibration, and Measuring and Test Equipment
ISO 9000	Quality Management Systems-Fundamentals and Vocabulary
NAS 847	Caps and Plugs, Protective, Dust and Moisture Seal
NAS 410	NAS Certification and Qualification of Nondestructive Test Personnel
SAE-AMS-1424	Fluid, Deicing/Anti-icing, Aircraft, SAE Type I
SAE-AMS-1595	Qualification of A/C Missile and Aerospace Fusion Welders
SAE-AMS-1640	Corrosion Removing Compound for Aircraft Surfaces
SAE-AMS-STD-2154	Inspection, Ultrasonic, Wrought Metals, Process for
SAE-AMS-2644	Inspection Material, Penetrant

SAE-AMS-2647A	Fluorescent Penetrant Inspection, A/C and Engine Component Maintenance
SAE-AMS-3276	Sealing Compound, Fuel Tanks
SAE-AMS-G-6032	Grease Plug Valve
SAE-AMS-S-8802	Sealing Compound, Temp. Resistant, Fuel Tank and Fuel Cell
SAE-AMS-QQ-A-250/14	Aluminum Alloy 2024, Plate and Sheet

The below entries need an equivalent (if applicable):

Number	Tilte
AFI 11-205	Aircraft Cockpit and Formation Flight Signal
AFI 11-202V3	General Flt Rules
AFI 11-218	Acft Operation and Movement on the Ground or Water
AFI 11-301V1	Aircrew Life Support Program
AFI 13-201	US AF Airspace Management
AFI 21-101	Aerospace Equipment Maintenance Management
AFI 21-102	Depot Maint Mgt
AFI 21-103	Equipment Inventory Status and Utilization Reporting
AFI 21-104	Engine Status Reporting
AFI 21-105	Aerospace Equip Structural Maint
AFI 21-112	Maint of Aircraft Egress/Escape System
AFI 23-106	Assignment & Use of Standard Reporting Designators
AFI 23-201	Fuel Management
AFI 31-101	The Air Force Installation Security Program
AFI 31-401	Managing the Information Security Program
AFI 32-1024	Standard Facility Requirements
AFI 32-1043	Management of Aircraft Arresting Systems
AFI 48-123V1	Medical Examinations and Medical Standards
AFI 48-123V2	Medical Examinations and Medical Standards
AFI 48-123V3	Medical Examinations and Medical Standards
AFI 91-301	AF Occupational Safety and Health
AFI 91-302	Fire Protection Program
AFJM 23-210	Joint Service Manual for Storage and Material
AFM 91-201	Explosive Safety Standards
AFJM 23-110	USAF Supply Manual
AFMCI 21-102	Analytical Condition Inspection Program
AFMCI 21-108	Production Acceptance Certification (PAC) and Organic Depot Maint. Quality
AFMCI 21-118	Acft and Missile Maint Production/Compression Report System (AMREP)
AFMCI 21-301	Air Force Material Command Technical Order System Implementing Policies
AFMCI 23-104	Functions and Responsibilities of the Equipment Specialist During Provisioning
AFMCI 24-201	AFMC Packaging & Materials Handling Policies and Procedures
AFMCMAN 21-1	AFMC Technical Order System Procedures
AFOSHSTD 91-501	AF Consolidated Occupational Safety Standard
Joint Publication 3-02.2	Amphibious Embarkation
DOD 4160-21M	Defense Utilization Marketing Disposal Manual
DOD 4000.25-6-M	DOD Address Directory Pt 1 & 2

To be crafted at a later date.

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Appendix A: Industrial Safety and Health Requirements

Reference applicable paragraph(s) in the PWS.

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