

**DEPARTMENT OF THE AIR FORCE
AIR FORCE SUSTAINMENT CENTER
TINKER AIR FORCE BASE, OKLAHOMA 73145**

PR NO: FD2030 21 01370

DATE: 13 December 2021

AF CONTRACT NO:

STATEMENT OF WORK (SOW)

TYPE OF WORK: Remanufacture of F-15 Fuel Tank Press Regulating Valve

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SECTION 5: CONSUMABLE PARTS REPLACEMENT REQUIREMENTS

5.1. 100% CONSUMABLE PART REPLACEMENT REQUIREMENTS

PREFACE SHEET

END ITEM RECEIVED AS			END ITEM TO BE DELIVERED AS	
END ITEM NUMBER	NATIONAL STOCK NUMBER	PART NUMBER	NATIONAL STOCK NUMBER	PART NUMBER
0001	4820-01-068-1105RK	27041129-06B	4820-01-068-1105RK	27041129-06B

REVISION SHEET

When a revision is received, it should be inserted into this Statement of Work (SOW). The superseded pages should be retained as a record.

NOTE: The portion of the text of this specification affected by the current revision is indicated by a black underscore for figures, words, or phrases within a given paragraph, and by a black vertical line in the outer margin where the change constitutes a whole paragraph.

After the revised pages have been inserted into the SOW, the revised title page should be inserted in front of the existing title page. This revision page is placed under the basic title page.

DATES OF ISSUE FOR ORIGINAL AND CHANGED PAGES ARE:

SECTION 1 GENERAL INFORMATION

1.1. DEFINITIONS

1.1.1. The following definitions are applicable to this SOW:

- a. End Item: An end item is a complete piece of Government equipment as listed in Government supply catalogs and suitable for Government storage and issue. End items may contain one or more Shop Replaceable Unit (SRUs). End items are also referred to as Line Replaceable Units (LRUs). End items covered by work under this SOW are listed on the preface sheet.
- b. Initial Production Evaluation (IPE): An IPE is a planned Government review of early production items and processes to evaluate a Contractor's ability to complete the work in accordance with (IAW) the contract, applicable technical orders, and other guidance required by this SOW.
- c. Remanufacture: An end item remanufacture as described within this SOW is the action taken to return the end item to a like-new condition. This remanufacture process is consistent with the provisions of Federal Acquisition Regulation (FAR) 22.1003-6(a)(1).
- d. Administrative Contracting Officer (ACO): A contracting officer assigned the responsibility for the post award functions related to the administration of a Government contract in the field. The ACO is normally located in the Defense Contract Management Agency (DCMA). The ACO is responsible for ensuring the Contractor performs in accordance with the terms of the contract.
- e. Procuring Contracting Officer (PCO): The individual authorized to enter into contracts for supplies on behalf of the Government by formal advertising or negotiation and who is responsible for overall procurement of the contract.
- f. Technical Order (TO): An Air Force publication that gives specific technical directives and information with respect to the inspection, storage, operation, modification, and maintenance of Government equipment.
- g. Support Equipment (SE): All equipment called out in applicable TOs required for LRU, SRU, and component test, remanufacture, and/or modification.
- h. Serviceable: An item is considered serviceable if it is capable of meeting the functional and test requirements for which designed or modified as established by the applicable technical documentation in section 3.
- i. Repair: An end item repair is the action taken to return the end item to a serviceable condition by replacing all exposed consumable items and only the

damaged recoverable parts that do not meet the TO inspection criteria. Repair consists of end item testing to determine deficiencies, disassembly as required to support maintenance actions required, thorough cleaning, refurbishment or replacement of all disturbed components not meeting inspection criteria, replacement of all soft parts (seals, gaskets, etc.) exposed during repair, re-assembly of assemblies and subassemblies, performance of all adjustments and alignments, test and calibration of subassemblies and end items, and final inspection (e.g. safety wiring, painting, affixing decals) IAW the applicable TO and approved test documentation.

j. Defect: A characteristic that does not conform to the specified requirements.

k. Product Quality Deficiency: Any defect or nonconforming condition. Included are deficiencies in design, specification, material, manufacturing, and workmanship.

l. Product Quality Deficiency Report (PQDR): The SF 368 form or format used to record and transmit product quality deficiency data.

m. Consumable Part: Piece parts that are not typically reused during remanufacture.

n. Re-usable Component: Non-accountable, expendable part or assembly that may be re-installed in an end item after inspection/repair and deemed serviceable.

o. Recoverable Component: Accountable, non-expendable part or sub-assembly of an end item. Also referred to as a Shop Replaceable Unit (SRU). SRUs may be re-installed in an end item after inspection/repair and deemed serviceable. If applicable to the scope of this SOW, SRUs will be listed on the preface sheet.

1.2. PRE-AWARD SURVEY REQUIREMENTS

1.2.1. A Pre-Award Survey (PAS) shall be required but may be waived by the Government at the time of award.

1.2.2. At the time of the PAS the prospective Contractor shall meet the following technical requirements (additionally, there are many other business capabilities that may be evaluated) IAW contract requirements. Failure to do so shall result in PAS disapproval and disapproval of the prospective Contractor for this procurement action.

a. Provide data to include Contractor facility capabilities, all subcontractor facility capabilities (if subcontracting is proposed), and an explanation of how Contractor and subcontractor facilities will fulfill the Government's requirements.

b. Prior to PAS, the prospective Contractor shall provide a list of all special tooling and SE required and shall comply with the requirements detailed in paragraph 1.6.

c. Prior to PAS, the prospective Contractor shall provide a test plan for each end item as specified in the preface sheet. The test plan shall include all testing required by the applicable acceptance test procedure and will detail how the testing will be accomplished utilizing the prospective Contractor's SE.

d. The prospective Contractor shall provide the above to the PCO via email in the form of a word processing document or spreadsheet, viewable by Microsoft Office programs.

1.3. INITIAL PRODUCTION EVALUATION REQUIREMENTS

1.3.1. IPE shall be completed within sixty (60) calendar days of receipt of first delivery order. The IPE requirement may be waived by the Government at the time of contract award.

1.3.2. The IPE shall be conducted on three (3) units of each line item. The condition of the items at IPE will be as follows: one (1) each open and ready to be disassembled to follow the entire remanufacture procedure, one (1) each fully disassembled, cleaned, and ready for assembly and testing, and one (1) each assembled and ready for functional testing. The Contractor shall furnish written notice to the PCO through the ACO within fifteen (15) business days after the required quantity of end items are available for the IPE.

1.3.3. The PCO shall notify the Contractor of the projected dates that the Government IPE Evaluation Team will arrive at the Contractor's facilities to conduct the IPE. The Contractor shall permit entrance to the Evaluation Team into its facilities. This includes access to Contractor telephones and other communication devices that will allow the Evaluation Team to consult with appropriate Government personnel in the accomplishment of the IPE evaluation.

1.3.4. Under no circumstances shall the Contractor accomplish remanufacture on any other quantity of items on order or through any Induction-at-Risk/Early Induction contractual provision, other than the three (3) IPE units that will be evaluated by the Evaluation Team prior to the accomplishment of the IPE. Only after the approval notice from the PCO shall the Contractor proceed with remanufacture on the remaining items on order or items under Induction-at-Risk/Early Induction provisions. The Government's delivery schedule shall be held in abeyance until approval of the IPE by the Evaluation Team.

1.4. REPORTING REQUIREMENTS

1.4.1. Data requirements are specified in the Contract Data Requirements List (CDRL DD Form 1423) found in Part 1, Section B, The Schedule.

1.4.2. In addition, the Contractor shall maintain for five years a document package containing the following documentation for each end item produced:

- a. Maintenance Data Sheet
- b. Test Data Sheet
- c. Quality Acceptance Review Documentation
- d. Parts replaced listed by each serial numbered end item remanufactured

1.5. QUALITY PROGRAM AND INSPECTION SYSTEM REQUIREMENTS

1.5.1. The Contractor shall establish, document, and maintain a quality system as a means of ensuring that the end item conforms to specified requirements. The quality system shall be in accordance with contract requirements.

1.5.2. When a Deficiency Report is received for an end item remanufactured under the terms of this contract, the Contractor shall comply with the ACO's directions. Guidance is provided in TO 00-35D-54, USAF Deficiency Reporting, Investigation, and Resolution.

1.5.3. The Contractor shall report any Government furnished material, for the work accomplished as outlined in this SOW, that is damaged or otherwise unsuitable for use to the ACO using a Supply Discrepancy Report (SDR), SF Form 364.

1.5.4. The Contractor shall support quality audits as required by the ACO. These audits could require that one or more end items be removed from the production line and subjected to any combination of inspection, testing, disassembly, or assembly to determine that the standards of performance and technical conformance meet the requirements of this SOW. The Contractor shall be required to correct a deficient process to eliminate the cause(s) of any defects as directed by the ACO.

1.5.5. The Contractor shall support quality assurance reviews to be conducted at the site of remanufacture at the request of the Government throughout the contract period.

1.5.6. The Contractor shall support a quality acceptance review by the DCMA representative at the site of work as specified in this SOW for each end item generated under the terms of this contract.

1.5.7. Requests for deviation/waiver shall be submitted to the PCO through the ACO. Work shall not be initiated on assemblies/components affected by deviation/waiver pending approval/disapproval. Requests shall include the contract number, NSN, and part number (P/N) of the end item and lowest part/assembly affected, effect on cost/price and delivery schedule, description of deviation waiver, justification for deviation/waiver, and proposed corrective action taken.

1.6. TOOLS AND SUPPORT EQUIPMENT

1.6.1. The SE required to accomplish the scope of work to be completed on end items under this contract are listed in the TOs or original equipment manufacturer (OEM) remanufacture

procedures listed in section 3 of this SOW. If the equipment specified in the TO or OEM remanufacture procedures are not designated as Government furnished in this contract, the Contractor is responsible for furnishing identical or substitute SE from commercial sources.

1.6.2. If the Contractor intends to substitute SE, a list of the proposed substitute SE shall be provided to the PCO with the proposal. At the time of the PAS conference, the Contractor shall demonstrate to the PAS team that suitable substitute SE can be acquired and meets the standards stipulated in the technical data by the following actions:

- a. Displaying drawings, schematics, or specifications which illustrate that the prospective Contractor understands the exact nature of the work to be performed and the SE required to perform the tasks.
- b. Explaining the capabilities of substitute SE to ensure that it is adequate to perform the specified testing requirements.
- c. Defining how substitute SE will be designed, built, and calibrated without assistance from the Government, by an internal engineering capability, or the services of a recognized outside engineering agency as approved by the cognizant engineering activity.

1.6.3. The equipment shall be in possession of the Contractor prior to the IPE team visit.

1.6.4. The Contractor shall show documentation certifying the accuracy of all calibrated SE to the ACO prior to work performed as outlined in this SOW.

1.6.5. Support Equipment Calibration Requirements. The Contractor shall ensure documentation certifying the accuracy of all calibrated SE is made available to the ACO prior to work being performed. The Contractor shall ensure SE calibration is maintained throughout performance of this contract. Upon request, the Contractor shall show calibration data to the ACO for each SE item as follows:

- a. SE part number and serial number
- b. Date calibrated
- c. Calibration due date
- d. Calibration source
- e. Calibration procedure used
- f. Is and Was data
- g. Facsimile of the current stamped calibration sticker affixed to SE item
- h. Verification of full performance compliance IAW this SOW for SE items not requiring calibration
- i. Traceability to the National Institute of Standards and Technology

1.7. PRECIOUS METALS RECOVERY PROGRAM

1.7.1. The Precious Metals Recovery Program is not applicable to this SOW. The handling and control of precious metals shall be IAW AFI 23-101, Air Force Materiel Management, if necessary.

1.8. NUCLEAR HARDNESS REQUIREMENTS

1.8.1. The Contractor shall notify the PCO if the work degrades the nuclear hardness of the item within one (1) business day of determination. The Contractor shall not continue maintenance actions until Government approval is obtained from the PCO.

1.9. PARTS CONTROL PROGRAM

1.9.1. The Contractor shall establish, document, and maintain a parts control program for the work associated with this SOW.

1.9.2. The Contractor shall establish the Parts Control Program for an end item from the applicable Illustrated Parts Breakdown (IPB) TO or Government engineer approved OEM parts list.

1.9.3. Approval from the PCO is required for the Contractor to use any parts not contained in the IPB. The Contractor shall maintain configuration of items worked under the scope of this contract as identified in the applicable IBP or this SOW. The Contractor shall notify the PCO in writing of any configuration discrepancies noted between the applicable IPB, engineering drawings, and the current configuration of the end item. The Contractor shall obtain written authorization from the cognizant engineering activity via the PCO for configuration deviations prior to implementation.

1.9.4. The IPB shall serve as the current baseline for an end item or system unless otherwise stated in this SOW.

1.9.5. The Contractor shall only use replacement parts purchased directly from the end item OEM or purchased from DLA. In the event that parts are not available from either of these two sources for a pending remanufacture operation, the Contractor shall request permission to utilize an alternate source. The cognizant engineering authority shall provide written authorization via the PCO for any deviations from the aforementioned sources. In the instance that surplus components are available, the cognizant engineering activity reserves the right to approve or disapprove the material. Written authorization for surplus material use shall be obtained from the cognizant engineering activity via the PCO.

1.9.6. The Contractor shall keep records to allow traceability of sourcing of replacement parts for each end item remanufactured. These records shall be furnished for inspection up Government request.

1.9.7. The Contractor shall be required to perform work as specified by this SOW for all end items unless written disposition instructions are provided by the PCO through the ACO.

Requests for condemnation shall be submitted by the Contractor in writing through the ACO to the PCO.

1.10. OZONE DEPLETING SUBSTANCES

1.10.1. This SOW is not explicitly requiring the use of a Class 1 ozone depleting substance (ODS) in the performance of this contract. The Contractor is authorized to use a suitable substitute for any Class 1 ODS which may be required by the engineering or technical data specified by this SOW. The Contractor shall immediately identify the substitute in writing to the PCO when a substitute has been determined.

1.11. TECHNICAL ORDER MAINTENANCE

1.11.1. The Contractor shall maintain all TOs and other technical directives applicable to the work requirements in an updated and current status according to TO 00-5-1, Technical Order System, and TO 00-5-3, Technical Order Life Cycle Management.

1.11.2. In the event of a TO change during the contract, the Contractor shall evaluate the impact of the change on the Contractor's performance. The Contractor shall consider the impact of this change on costs, schedules, and any other pertinent factors. The Contractor shall provide a written evaluation, along with specific justification/applicable data documenting the impact on the Contractor's performance, to the PCO within ten (10) business days after receipt of the change. The Contractor shall not incorporate these technical order changes until approved by the PCO.

1.12. CONTRACTOR EMPLOYEES

1.12.1. Contractor employees shall identify themselves by introducing themselves or being introduced as Contractor personnel and displaying distinguishing badges or other visible identification for meeting with Government personnel. In addition, Contractor personnel shall appropriately identify themselves as Contractor employees in telephone conversations and in formal and informal written correspondence.

1.13. SAFETY AND HEALTH STATEMENT

1.13.1. While performing work under this contract the contractor shall comply with all applicable federal, state and local regulations regarding occupational safety and health. The contractor shall notify the PCO, within eight (8) hours of any damage to government property where the dollar value exceeds \$500,000.00 and within two workdays, for any damage to government property less than \$500,000.00 during the execution of the contract. Mishap notifications shall contain, as a minimum, the following information:

- a. Contractor, contract number, name and title of person(s) reporting
- b. Date, time and exact location of accident/incident
- c. Brief narrative of accident/incident (events leading to accident/incident)
- d. Cause of accident/incident, if known
- e. Estimated cost of accident/incident (material and labor to repair/replace)
- f. Nomenclature of equipment and personnel involved in accident/incident
- g. Corrective actions (taken or proposed)
- h. Other pertinent information

1.13.2. If requested by the designated PCO, the contractor shall immediately secure the mishap scene/damaged property and impound pertinent maintenance and training records, until released by the Procuring Safety Office. Contractors will not dispose of contract data related to a mishap until notified to do so by the PCO.

1.14. SURGE:

1.14.1 In the event that the DoD experiences an unplanned spike or sudden increase in demand, due to major theater warfare or a national emergency (also known as surge, reference DFARs 217.208-70 and DFARs 252.217.7001), and invokes surge: The Contractor is willing to work to meet and sustain this demand for quantity levels above and beyond normal peacetime requirements. The Contractor is required to provide the Government a surge plan. A CDRL and DID are associated with the surge requirement. After being notified of the surge demand in writing, the Contractor may see additional orders and/or will see the priority status elevated on current orders. The Contractor may do one or more of the following to fill the demand:

- a. The Contractor will maintain a certain level of safety stock of components to draw from to perform additional repair.
- b. Add additional shifts to increase production within the Contractor and with suppliers.
- c. The Contractor will work with the various manufacturing sites and their supply chains to expedite production. The contractor will be notified in advance of, and be given the opportunity to negotiate; any expedite charges that might apply at the time of surge. Contractual requirements for production of this contract are addressed in Part I. The schedule and surge requirements will be on a best-effort basis.

1.14.2 Surge plans have four basic phases (assessment, execution, sustainment, exit/termination) and the plan associated with the surged items requested need to address those phases. The Government will provide, in writing, the items on contract that are requested to be surged. That request will include the item, the quantity, and timeline with respect to delivery schedule with estimated termination dates when known.

1.14.3 Contractors will provide a plan that includes the identified surge items, how they are going to meet the requirement, timeline to implement the plan, ability to sustain the surge through termination, identify any limiting factors or supply chain risks that will impact current surge production and future requirements for identified items.

SECTION 2 DESCRIPTION OF WORK

2.1. GENERAL

2.1.1. The work performed under this contract is to remanufacture the end item(s) specified in the preface sheet of this SOW. The work shall be accomplished IAW documents as specified in section 3. In the event that a situation develops where these instructions conflict with the documents listed in section 3, this SOW shall take precedence. The work encompasses the disassembly, cleaning, inspection, maintenance, re-assembly, testing, and finishing actions required to return the end item to a like new condition.

2.1.2. When a particular remanufacture is constrained for lack of remanufacture materials that are not and will not be immediately available, the Contractor may request authorization to remove components or subassemblies from other inducted assets (the donor) prior to full disassembly for remanufacture in order to expedite remanufactures. Component removal requests shall be subject to review and approval/disapproval by the cognizant engineering activity. Such component removal actions should only be considered upon exhaustion of all other sources of remanufacture materials. The Contractor shall not initiate any component removal action unless such action shall satisfy all remanufacture material requirements for the recipient end item. The Contractor shall not remove any piece parts from serviceable units. At the Contractor's expense, the Contractor shall replace all removed donor subassemblies with remanufactured or new subassemblies and all component parts with new component parts. The Contractor shall ensure the contract delivery schedule is not negatively affected by the removal of any components or subassemblies from any inducted assets. The Contractor shall not condemn donor end items or subassemblies.

2.2. SPECIFIC WORK REQUIREMENTS

2.2.1. Basic remanufacture requirements. The end item shall be cleaned, disassembled, components inspected, assembled, and tested according to applicable TOs and OEM specifications. If any component part does not meet inspection requirements as specified in the applicable TO, or if there is any doubt as to its serviceability or longevity, the Contractor shall replace the component if it cannot be restored to the original life expectancy, or nearly so. The Contractor is advised to include the cost of replacing a percentage of re-usable and recoverable components, as identified above, in their remanufacture cost proposal. Certain parts shall be replaced one-hundred percent (100%) of the time during each remanufacture event and are specified in section 5. The pricing for these items shall be included in the remanufacture cost.

NOTE: If the Contractor desires to replace or modify an existing remanufacture process with a Contractor developed process, the Contractor shall provide to the PCO all technical data or other information related to the proposed change for review and approval by the cognizant engineering authority. The Contractor must receive written authorization from the cognizant engineering authority via the PCO prior to making any process change or modification.

2.2.2. Over and Above shall only be considered for missing components or for components damaged due to causes unrelated to the normal use of the end item. Identification of missing and/or damaged components must be revealed within two (2) business days after the asset is removed from the shipping container and reported to the PCO through the ACO in the form of an SDR. Approval from the PCO shall be obtained prior to performing any over and above work. The Government shall be the sole authority to determine whether over and above is appropriate.

2.2.3. End Item Identification and Marking. Permanently and legibly mark each remanufactured end item with the Contractor's CAGE and date of remanufacture. This identification shall be permanently affixed to the end item by stamp, stencil, or similar means.

2.2.4. Quality Acceptance and Processing.

- a. Quality acceptance of each end item shall be performed prior to packaging and transportation. Quality acceptance shall be performed by DCMA at the remanufacture site. Quality acceptance documentation for each end item shall be maintained by the Contractor as part of the item document package.
- b. Each end item identified as serviceable shall be delivered to the Government defect free.
- c. Following quality acceptance by DCMA, the Contractor shall notify the Production Management Specialist (PMS) in writing of the completion of remanufactured end items. The PMS will provide shipping instructions to the Contractor in writing for each end item produced. Within one day of shipment, the Contractor shall provide proof of shipment through delivery of an accepted WAWF Receiving Report to the PMS. The Receiving Report shall include the carrier and tracking number.

2.2.5. Shipping Documentation.

- a. The Contractor shall ensure the appropriate tag is attached to each serviceable end item generated.
 - i. Serviceable tags/labels are DD 1574/1574-1 (Yellow)
 - ii. Unserviceable (repairable) tags/labels are DD 1577-2/1577-3 (Green)
 - iii. Unserviceable (condemned) tags/labels are DD 1577/1577-1 (Red)
 - iv. Suspended tags/labels are DD 1575/1575-1 (Brown)
- b. Shipments under this contract shall be by Commercial Bill of Lading (CBL) by the fastest traceable means.
- c. Items remanufactured as a result of a quality deficiency shall be shipped at the Contractor's expense.

2.3. DELIVERY SCHEDULE

2.3.1. One hundred percent (100%) of end items listed in the preface sheet **PREFACE SHEET** shall be delivered IAW the contractual delivery schedule. The Contractor shall meet the delivery schedule.

SECTION 3 APPLICABLE DOCUMENTS**3.1. APPLICABLE TECHNICAL ORDERS**

3.1.1. Specific Technical Orders

PART NUMBER	REMANUFACTURE MANUAL/TO NUMBER	TITLE/REVISION AND/OR OTHER DIRECTIVES (AFTO FORM 252)
27041129-06B	6J11-31-3.	NA

3.1.2. General Technical Orders

TO NUMBER	DATE	TITLE
00-5-1	15 Feb 2019	AF TECHNICAL ORDER SYSTEM
00-5-3	15 Feb 2019	AF TECHNICAL ORDER LIFE CYCLE MANAGEMENT
00-35D-54	1 Sep 2015	USAF DEFICIENCY REPORTING, INVESTIGATION AND RESOLUTION

3.2. OTHER PUBLICATIONS FOR INFORMATION PURPOSES ONLY

NOTE: These publications are for information purposes only.

3.2.1. DoD/Air Force Manuals

DOCUMENT NUMBER	DATE	TITLE
AFI 23-101	11 Dec 2016	AIR FORCE MATERIAL MANAGEMENT
DLM 4000.25 Vol 2 Ch. 17	26 Nov 2019	SUPPLY DISCREPANCY REPORTING

3.2.2. DoD/Air Force Forms

FORM NUMBER	TITLE
SF 364	REPORT OF DISCREPANCY
SF 368	QUALITY DEFICIENCY REPORT
DD1574 DD1574-1	SERVICEABLE TAG – MATERIEL SERVICEABLE LABEL – MATERIEL
DD1577-2 DD1577-3	UNSERVICEABLE (REPAIRABLE) TAG – MATERIEL UNSERVICEABLE (REPAIRABLE) LABEL – MATERIEL
DD1577 DD1577-1	UNSERVICEABLE (CONDEMNED) TAG – MATERIEL UNSERVICEABLE (CONDEMNED) LABEL – MATERIEL
DD1575 DD1575-1	SUSPENDED TAG – MATERIEL SUSPENDED LABEL – MATERIEL
AFMC FORM 158	PACKAGING REQUIREMENTS

3.3. CONTRACTOR DOCUMENTS

PART NUMBER	DRAWING NUMBER	TITLE AND DATE
NA	NA	NA

SECTION 4: GOVERNMENT PROPERTY**4.1. GOVERNMENT PROPERTY**

4.1.1. The Contractor shall furnish all material, support equipment, tools, test equipment, and services. Government Furnished Equipment (GFE) will not be provided.

4.2. DISPOSITION OF GOVERNMENT PROPERTY

4.2.1. These instructions apply to all Government owned property. Within ninety (90) business days prior to contract expiration, the Contractor shall submit a letter to the managing ALC requesting disposition instructions in the transfer of Government furnished property (GFP). A list identifying GFP shall include the NSN, part number/CAGE, noun, quantity, condition code, and dollar value shall be submitted through the ACO to the PMS for disposition instructions.

4.2.2. If a follow-on contract is being awarded or is in the negotiation or solicitation stage, the existing GFP may be retained to the extent required to support the current contract and/or follow-on contract.

4.2.3. The Contractor shall comply with preservation, packaging, and packing instructions as specified in the basic contract and/or on the AFMC Form 158, Packaging Requirements.

4.3. OTHER

4.3.1. The Contractor shall not obtain GFP through the utilization of requisition codes assigned exclusively to this contract for any other contracts.

4.3.2. The Contractor shall not transfer GFP charged to this contract to any other contract, Contractor, or activity without the advance approval of the PMS through the PCO.

4.3.3. The Government reserves the right to withdraw any GFP in possession of the Contractor to supply other urgent USAF requirements. If any item so removed by the Government is still required to complete the contract, the Contractor shall take appropriate action to replace the removed item.

6.1. 100% CONSUMABLE PART REPLACEMENT REQUIREMENTS.

When overhauling a 27041129-06B valve, the following parts should be inspected but may be reused if serviceable. All references are from Figure 9-1 of T.O. 6J11-31-3.

Data on parts availability and pricing was obtained from IHS-Haystack and from DoD EMALL and is for Market Research purposes. Contractors should verify this data prior to making bids. The government is not responsible for changes in parts availability or prices.

Note: The USAF estimates most of the valves provided to the contractor will be the newer 4820-01-068-1105RK (PN 27041129-06B) configuration. If an older configuration valve (PN 27041129-06A) is received, the contractor can submit a ROD requesting local condemnation if a 4820-00-340-7255 regulator is received. Usable parts may be salvaged.

T.O. Index	Part Number	Description	Units Per Assy
4	M25988-1-006 NSN 5331-00-559-6514	PACKING	2
6	M25988-1-017 NSN 5331-00-759-2121	PACKING	1
7	M25988-1-012 NSN 5331-00-759-1687	PACKING	2
15	27124477 Not stocklisted.	DIAPHRAGM ASSEMBLY	1
17	M25988-1-014 NSN 5331-00-759-2113	PACKING, PREFORMED	1
18	M25988-1-017 NSN 5331-00-759-2121	PACKING	1
27	M25988-1-006 NSN 5331-00-559-6514	PACKING	3
29	M25988-1-014 NSN 5331-00-759-2113	PACKING	1
30	M25988-1-009 NSN 5331-01-116-1053	PACKING	1

31	MS16625-4037 NSN 5325-00-804-6855	RING, RETAINING	1
33	M25988-1-010 NSN 5331-00-343-1035	PACKING	1
36	25816010-11 NSN 3110-01-120-3882 is not DLA supported. Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	BALL, BEARING 2017 aluminum alloy 0.2500" nominal diameter	1
40	MS16633-4012 NSN 5325-00-598-1138	RING, RETAINING	1
53	27124496 Not stocklisted.	DIAPHRAGM ASSEMBLY	1
55	M25988-1-018 NSN 5331-00-328-9131	PACKING	1
58	M25988-1-014 NSN 5331-00-759-2113	PACKING.	1
66	M25988-1-038 5331-01-007-1621	PACKING	1
79	M25988-1-008 NSN 5331-00-702-7062	PACKING	1
80F	4900073 Not stocklisted	DIAPHRAGM ROLLING	1
82	27127312 Not stocklisted.	SEALING RING	1
91	M25988-1-010 NSN 5331-00-343-1035	PACKING	2

93	25816010-02 NSN 3110-00-912-9561 0 in DLA supply. Haystack indicates surplus is available. Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	BALL, BEARING 0.1562" OD 2017 aluminum	4
94	25816010-06 NSN 3110-00-912-9210	BALL, BEARING 0.1250" nominal OD AISI 302 CRES	1
92	M25988-1-018	PACKING	1

An overhaul parts kit PN 2731866401, NSN 4820-00-392-0926 may be available surplus.
Condition of parts in surplus kits is unknown.

When overhauling a 27041129-06B valve, the following parts should be inspected but may be reused if serviceable. All references are from Figure 9-1 of T.O. 6J11-31-3.

T.O. Index	Part Number	Description	Units Per Assy
1	27167303 Not stocklisted. Contractor may request permission to condemn end item and salvage remaining parts if damaged beyond repair.	BODY, MANIFOLD	1
2	NAS6304U5 5306-01-371-4741	BOLT, SHEAR	2
3	AN960C416L 5310-00-515-7449	WASHER, FLAT	2
5	27127305 NSN 5340-01-369-0959 is not DLA supported. Surplus availability unknown. Contractor may request over-and-above funding if damaged beyond repair.	CAP, FILTER	1
8	27227904 NSN 4820-00-427-7862 Haystack indicates 330 are available in surplus. Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	AIR FILTER	1
9	25716157 or equivalent. NSN 5310-00-498-0653	NUT, PLAIN, HEXAGON	1
10	AN565B4H10 NSN 5305-00-769-5551	SETSCREW	1
11	27127556 NSN 4820-00-347-9224 not DLA supported.	CAP, TOP	1
12	27127568 NSN 5310-01-366-6426 not DLA supported. Surplus availability unknown.	WASHER, THRUST	1
13	27127320 Not stocklisted. No drawing available.	SPRING, HELICAL	1

14	27127555 5310-01-366-6427 is not supported by DLA.	WASHER, FLAT	1
16	4100504 NSN 4320-01-368-0153 is not DLA supported. Surplus availability unknown. Contractor may request permission to condemn end item and salvage remaining parts if damaged beyond repair.	CYLINDER, SERVO	1
19	27017079 NSN 5360-00-528-5738 0 in DLA supply No drawing available.	SPRING, CONICAL	1
20	27027066-04 NSN 4820-00-346-4354 is not DLA supported.	PLUNGER.	1
21	25816010-06 NSN 3110-00-912-9210	BALL, BEARING 0.1250" nominal OD AISI 302 CRES	1
22	MS24665-1001 5315-01-057-3311	PIN, COTTER	3
24	27144450-02 Not stocklisted. Contractor may request permission to condemn end item and salvage remaining parts if damaged beyond repair.	BONNET ASSEMBLY	1
Part of index 24	27144450-02 Not stocklisted. Contractor may request permission to condemn end item and salvage remaining parts if damaged beyond repair.	BODY, BONNET	1
25	MS16995-18 5305-00-959-1082	SCREW, CAP, SOCKET HEAD	6
26	26527119 NSN 5315-00-356-2659 (0 in DLA supply) Surplus availability unknown. Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	SCREW, ADJUSTING	3
			1

Appendix A			
28	26537117 NSN 4820-01-367-4931 is not DLA supported. Surplus availability unknown. Contractor may request copy of unlimited rights drawing from USAF JEDMICS. Contractor may request over-and-above funding if damaged beyond repair.	PILOT VALVE BODY	
32	26527128 NSN 4820-00-346-4331 1 in DLA supply. \$69.25 each Haystack indicates 80 are available in surplus. Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	RETAINER, SPRING	1
34	26416291 NSN 5360-01-004-5163 Comments: USAF has unlimited rights drawing.	SPRING, HELICAL	1
35	26527126 4820-00-347-9220 0 in DLA supply. Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	SEAT, SPRING	1
37	26527118 1660-00-864-8787	VALVE STEM	1
38	26617718 5342-00-530-0439 is not supported by DLA.	SPRING SEAT	1
39	26416291 NSN 5360-01-004-5163 Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	SPRING, HELICAL	1
41	27137624 NSN 4810-00-347-9313 not DLA supported. Inspect per Table 5-2. Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	PRESSURE BELLOWS	1
42	MS16995-9 5305-00-068-5276	MACHINE SCREW	4

43	MS16625-4050 NSN 5325-00-807-5330	RETAINING RING	1
44	26316025-95 or equivalent 5330-01-051-2754 is not supported by DLA. Contractor may request permission to make suitable sub made per sample.	WASHER/GASKET FLUOROSILICONE RUBBER, MIL-R-25988 OD is 0.495" nominal ID is 0.395" nominal 0.031" nominal thickness	1
48	25816010-05 or equivalent. NSN 3110-01-120-3881 Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	BALL, BEARING	1
49	27147466 (NSL) Contractor may request permission to condemn end item and salvage remaining parts if damaged beyond repair.	BODY	1
51	27228279 (NSL) Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	SPRING, HELICAL	1
54	27124412 3130-00-386-6562 Not supported by DLA. Surplus availability unknown. Inspect per Table 5-2.	BEARING ASSEMBLY	1
56	27227900 NSN 4820-00-346-4432 Inspect per Table 5-2.	PLUNGER, PILOT	1
59	NOTE- Either spring set 4100298 or set 4100299 may be used. Spring set 4100298 consists of index 59A, 59B, 59C, 59D & 59T. Spring set 4100299 consists of index 59E, 59F & 59T.	SPRING SET, CONICAL	
59A	4100247 Not stocklisted. No drawing available.	WASHER, SPRING POPPET	1

59B	4100245 Not stocklisted. No drawing available.	SPRING, HELICAL, COMPRESSION	1
59C	4100246 Not stocklisted. No drawing available. Contractor may request permission to make suitable sub made per sample.	WASHER, SPRING POSITIONING	1
59D	4100278 Not stocklisted. No drawing available. Contractor may request permission to make suitable sub made per sample.	SHIM, SPRING	1
59E	27218185-05 (NSL) Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	SPACER, TEFLON	1
59F	27017079 NSN 5360-00-528-5738 No drawing available.	SPRING, CONICAL, COMPRESSION	1
59T	4100277 Not stocklisted. No drawing available. Contractor may request permission to use make suitable sub made per sample.	SHIM, SPRING .	1
	27147310 fitting end consists of index 62A, 62B & 63.	FITTING, END	1
62A	MS21209F4-20	INSERT, SCREW THREAD	2
62B	MS21209F1-15	INSERT, SCREW THREAD	4
63	27147463 Not stocklisted. No drawing available. Contractor may request permission to condemn end item and salvage remaining parts if damaged beyond repair.	FITTING, END	1
64	NAS6303U9H 5306-01-068-6321	BOLT, MACHINE	4

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65	AN960C10L or equivalent 5310-00-167-0812	WASHER, FLAT	4
69	27137327 NSN 4820-00-347-9311 is not DLA supported. Inspect per Table 5-2. No drawing available. Contractor may request over-and-above funding if damaged beyond repair.	SHOULDERED SHAFT	1
70	MS24665-88 NSN 5315-00-619-7976	PIN, COTTER	1
71	AN310C4 or equivalent 5310-00-167-1280	NUT, CASTELLATED	1
72	AN960C416L 5310-00-515-7449	WASHER	1
73	27137521 NSN 4820-00-427-7859 is not DLA supported.	SLEEVE RETAINER	
74	27137306 4310-00-347-9308 is not supported by DLA.	PISTON RING	1
75	27117309 Not stocklisted. No drawing available.	SPRING, HELICAL	1
76A	4100315 4820-01-367-2063 is not supported by DLA. Surplus availability unknown. Contractor may request over-and-above if damaged beyond repair.	CYLINDER	1
77	NAS679C3W 5310-00-680-9306	NUT, SELF LOCKING	1
78	AN960C10L or equivalent 5310-00-167-0812 Not DLA supported.	WASHER, FLAT	1
80A	4100317 NSN 4820-01-368-0051 is not DLA supported. Surplus availability unknown. No drawing available.	CAP	1

80B	MS16995-10 5305-00-959-0379	SCREW, MACHINE	5
80C	AN960C3L 5310-00-183-4354 Or equivalent	WASHER, FLAT, CRES ID is 0.095 – 0.115” OD is 0.245 – 0.270” 0.006 – 0.026” thickness	5
80D	4100316 4820-01-368-9963 is not DLA supported. Surplus availability unknown. No drawing available.	RETAINER	1
80E	4100314 4820-01-367-2062 is not supported by DLA. Contractor may request over-and-above if damaged beyond repair.	SLEEVE	1
80G	4100488 5365-01-368-6376 Surplus availability unknown. Not in JEDMICS. Contractor may request permission to make suitable sub made per sample.	SHIM	1
83	27127313 4820-00-347-9222 No drawing available.	RING, RETAINER	1
84	27318524 5365-01-366-7049 (None in DLA supply.) Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	SPACER	1
85	25816010-08 Not stocklisted. Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	BEARING, BALL	1
86	MS24665-1001 5315-01-057-3311	PIN, COTTER	1
87	AN960C3L 5310-00-183-4354 Or equivalent	WASHER	1
88	27218201 NSN 4820-00-346-4438 is not DLA supported.	RETAINER, SPRING	1

	Surplus availability unknown. No drawing available.		
89	27017123 or equivalent. NSN 5360-00-528-5741 0 in DLA supply Contractor may request copy of unlimited rights drawing from USAF JEDMICS and request permission to use suitable sub.	SPRING, HELICAL	1
90	27228200 4820-00-347-9317 is not DLA supported. Inspect per Table 5-2.	PLUNGER	1
95	MS21209C0620 5325-00-558-8826 REPLACE ONLY IF DAMAGED	INSERT, SCREW THREAD	6
96	MS21209F4-15 5325-00-829-2141 REPLACE ONLY IF DAMAGED	INSERT, SCREW THREAD	3
97	27167464-05 Not stocklisted. Contractor may request permission to condemn end item and salvage remaining parts if damaged beyond repair.	VALVE BODY	1