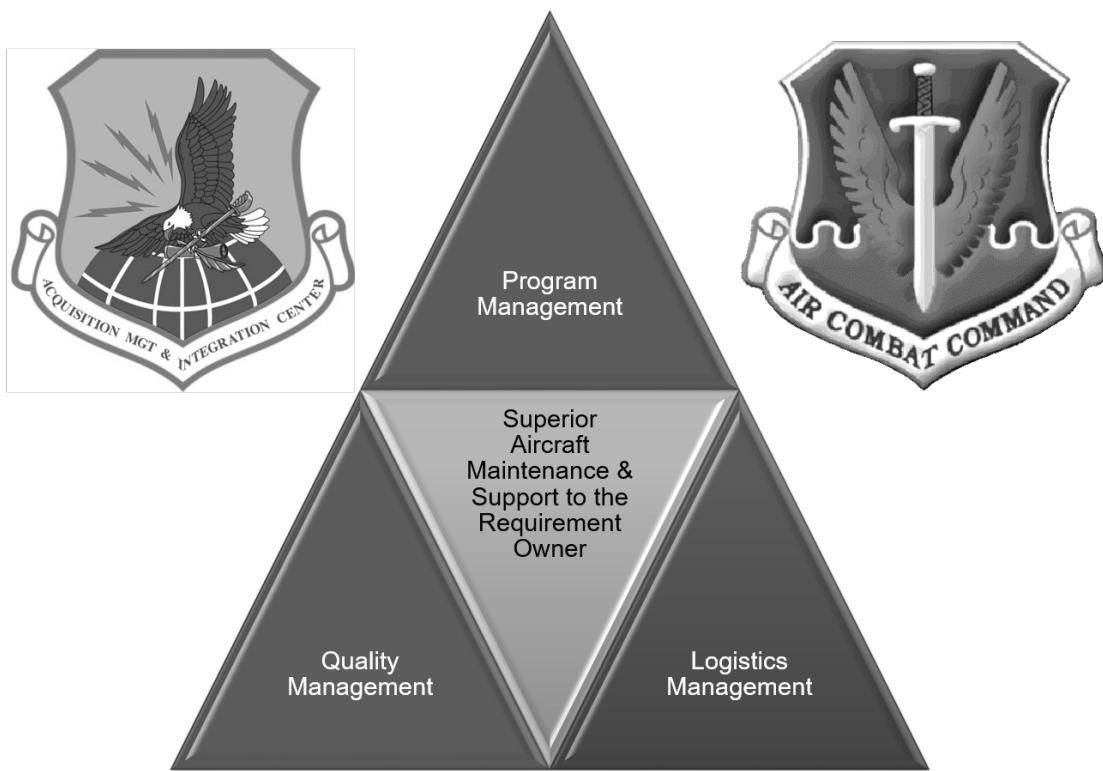


Nellis Aircraft Maintenance and Support Services



Performance Work Statement (PWS)

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1.0 SCOPE AND MANAGEMENT PHILOSOPHY

1.1 Mission. The 57th Maintenance Group (57 MXG) provides on and off-equipment maintenance for A-10, F-15, F-16, F-22, and F-35 aircraft. Additionally, the group provides facilities, equipment, and limited support for HH-60 helicopters, United States Air Force Aerial Demonstration Squadron (USAFADS) and AT-6 Light Attack Aircraft assigned at Nellis AFB (NAFB). The 57 MXG generates on average 16,000 sorties annually for Operational Test & Evaluation, United States Air Force Weapons School, Aggressor Squadrons, and contingency operations. Lastly, the 57 MXG annually provides support to 700 visiting Red Flag, Green Flag and other transient aircraft. The primary mission of the Nellis Aircraft Maintenance and Support Services program is to provide all backshop maintenance support for the 57 MXG, contractor operated Aircraft Maintenance Units (AMU) and non-aircraft maintenance services in support of the 57 MXG.

1.2 Scope of Work. The scope of work includes operation of one AMU of 12 F-16 aircraft supporting the 24th Tactical Air Support Squadron (24 TASS); one AMU of 14 A-10 aircraft supporting the 66th Weapons Squadron and 422d Test and Evaluation Squadron; operation of all aircraft maintenance backshop support for all assigned aircraft MDS, and required non-aircraft maintenance support services for the 57 MXG based at NAFB except for those Government furnished property and services listed in Section 8 of this Performance Work Statement (PWS). The contractor shall be responsible for providing all personnel, supervision, equipment, tools, materials, and other items and services necessary to provide this support. The scope of this PWS includes sortie generation, weapons loading, on- and off-equipment maintenance, repair, and inspections along with associated supply functions to support maintenance activities.

1.3 Maintenance Concept. The overall maintenance concept will be implemented IAW Air Force Instruction (AFI) 21-101, *Aircraft and Equipment Maintenance Management, Management and Philosophy* and Air Combat Command (ACC) Supplement (ACCSUP), other applicable command supplements and 57 MXG Supplement (57 MXGSUP) as the foundational instructions. Any references to publications shall include all applicable supplements. Maintenance personnel shall meet the provisions of AFI 21-101, Paragraph 1.6, all requirements of TO 00-20-1, *Aerospace Equipment Maintenance Inspection, Documentation, Policies, And Procedures*, and all applicable TOs to ensure PWS required repairs, inspections, and documentation are completed in a safe, timely, and effective manner. Maintenance tasks and functions shall be accomplished IAW Technical Orders (TO). To improve level of performance to the Government, the contractor is encouraged to innovate in technical areas, including seeking waivers to TOs, AFIs, ACC, and 57 MXG supplements, staffing requests through the Government Program Manager (PM).

1.4 Aircraft Availability. Aircraft availability is the foundation to the execution of the NAFB mission. Local aircraft possession status will be assigned and tracked using MaRS and attributed to the government or the contractor. Local Government directives will specify the process for assigning the possession status. Aircraft possession status will be assigned to the contractor when required maintenance activities are identified by the government. If the contractor is unable to perform all continuing maintenance activities due to circumstances outside of their control then aircraft possession status will be attributed to the Government. Concurrent maintenance activity can occur on aircraft status assigned to the contractor by both Government and Contractor personnel.

1.5 Projected Aircraft. The expected number of aircraft at Nellis AFB is shown in Table 1. The actual number of aircraft may vary due to temporary loans, depot inputs, test requirements etc. Temporary support of aircraft in excess of the numbers below is expected to be within the normal duty day and workload capacity of the contractor at no additional cost. Government directed force structure changes could require a transition from the aircraft listed to other type aircraft, or a permanent increase or decrease in the authorized number of aircraft assigned and which may drive commensurate workload changes.

Table 1 PROJECTED AIRCRAFT

Year	F-15C/D	F-15E	F-16C/D	F-22	A-10A/C	F-35	AT-6
CY21	19	14	76	17	16	42	3
CY22	19	14	76	17	16	42	3
CY23	19	14	76	17	16	51	3
CY24	19	14	76	17	16	51	3
CY25	19	14	76	17	16	51	3
CY26	19	14	76	17	16	51	3

1.6 823 MXS/HH-60 Support. The contractor shall allow 823 MXS personnel access to facilities and equipment necessary in the repair of these helicopters. Contractor shall provide a ready means for 823 MXS personnel to access required facilities.

1.7 USAFADS Support. The Contractor shall provide occasional specialist support to the Thunderbirds as authorized by the 57 MXG/CC. Normally this support, if required, will be within the normal duty day/workload capability of the contractor at no additional price.

1.8 Light Attack (AT-6) Support. AT-6 aircraft assigned to Nellis AFB are maintained under a separate contractor. The AT-6 Contractor shall require the use of 57 MXG backshop facilities. The Contractor shall allow AT-6 Contractor personnel access to facilities and equipment necessary in the repair of these aircraft. 57 MXG shall determine priority use of available resources. The AT-6 Contractor shall perform all maintenance on AT-6 aircraft

components, parts and equipment. All repair parts, consumables, special equipment, fixtures, etc. shall be provided by the AT-6 Contractor.

1.9 TDY Unit and Transient Aircraft Support. The contractor shall provide limited maintenance support, equipment and facility space to TDY customers and Transient Aircraft on a case-by-case basis at the discretion of the 57 MXG/CC. Normally this support, if required, will be within the normal duty day/workload capability of the contractor at no additional price.

1.9.1 Red and Green Flag Support. The contractor shall organize its workforce to accommodate additional workload during Red and Green Flag exercises.

1.10 Periodic Repair/Refurbishment of Historical Static Display Aircraft. Historical aircraft require periodic repair/corrosion control to various degrees to skins, panels, and accessories for long term outdoor display. The contractor shall perform periodic repair, corrosion control, painting, install flashings, logos, and stencils for the historical aircraft listed below located at NAFB. Workload is approximately 120 man-hours per year. The aircraft shall display their current operational markings/paint schemes IAW AFI 84-103, *United States Air Force Heritage Program*. All materials, supplies, and equipment will be furnished by the Government. Using applicable structural and corrosion control TOs, repair panels/skins, remove or repair any evidence of internal or external corrosion or damage, prevent water accumulation in the airframe, display mount, and supports and maintain existing provisions for drainage and corrosion prevention. All work shall meet Occupational Safety and Health Administration (OSHA) and environmental Hazardous Material (HAZMAT) guidelines for air quality, hazardous waste disposal, and grounds maintenance, including the setup of necessary tents/enclosures to prevent exposure to airborne particulates to nearby people and commercial, military, and residential buildings. Use vacuum sanders equipped with a High Efficiency Particulate Air (HEPA) filtration system to mitigate airborne dust. Take special measures to mitigate damage to the ground around the aircraft. This includes damage to grounds by personnel, equipment, supplies, tools, other items, or by hazardous chemicals or materials. During the painting process, any parking lots downwind of operation and with possibility of paint overspray shall have temporary signs posted declaring the following: “Open air painting in progress. Park at own risk”. Prioritization of maintenance will be determined by the 57 WG.

Thunderbirds Static Aircraft:

Block 32 F-16C Model, Tail 87-0323

Aggressor Static Aircraft:

MiG 29 – Bort # 57 // MiG 21 – Bort # 64 // MiG 17 – Bort # 17 // SU-7 – No Bort #

Freedom Park Aircraft:

Julian Acq. Date	Airframe Type	Serial Number
1979-6	F-86E	51-1030
1987-273	F-105G	63-8276
1987-312	F-4C	64-0806
1989-197	F-5E	74-1574
1991-422	F-100D	55-3595
1992-002	F-111A	67-0100
1992-039	F-117A	79-10780
1993-238	A-10A	77-0255

2.0 PROGRAM MANAGEMENT

2.1 Contractor Program Management. The Contractor shall exercise management and operational control over, and retain full responsibility for, the performance requirement set forth in this PWS. The Contractor shall interact daily with AMIC and host wing personnel to ensure mission success. Contractor management shall identify, document, and recommend methods of process improvements and/or potential savings to the Government; aggressively pursue timely responsiveness to contracting officer (CO) or Government program management requests; closely monitor and accurately document reimbursable costs, program management expenditures, and cost projections. The Contractor shall be responsible for the actions of any sub-Contractors and ensure sub-Contractors understand and comply with the provisions herein.

2.1.1 Management Plan. The Contractor shall submit a Management Plan IAW Contract Data Requirements List (CDRL) C001. The Management Plan shall include designation of key positions, job descriptions and qualifications for all positions, organizational structure with defined lines of authority, site manning levels, work scheduling methods, training concepts, a labor relations and strike contingency strategy that provides for continued support in the event of a labor work stoppage, and any other key management processes that affect contract operations. The Contractor shall ensure all positions identified in the Management Plan are staffed with qualified personnel.

2.1.2 Associate Contractor Agreements. The Contractor shall enter into Associate Contractor Agreements (ACA) for any portion of the contract requiring joint participation in the accomplishment of the Government's requirement. The agreements shall include the basis for sharing information, data, technical knowledge, expertise, and/or resources essential to the integration of the Nellis Aircraft Maintenance Contract, which shall ensure the greatest degree of cooperation for the development of the program to meet the terms of the contract. Associate contractors are listed in below. ACAs shall include the following general information:

Identify the associate contractors and their relationships.

Identify the program involved and the relevant Government contracts of the associate contractors.

Describe the associate contractor interfaces by general subject matter.

Specify the categories of information to be exchanged or support to be provided.

Include the expiration date (or event) of the ACA.

Identify potential conflicts between relevant Government contracts and the ACA; include agreements on protection of proprietary data and restrictions on employees.

A copy of such agreement shall be provided to the CO for review before execution of the document by the cooperating contractors. The Contractor is not relieved of any contract requirements or entitled to any adjustments to the contract terms because of a failure to resolve a disagreement with an associate contractor. Liability for the improper disclosure of any proprietary data contained in or referenced by any agreement shall rest with the parties to the agreement, and not the Government. All costs associated with the agreements are included in the negotiated cost of this contract. Agreements may be amended as required by the Government during the performance of this contract.

The following contractors are associate contractors with whom agreements are required:

Contractor: Lockheed-Martin Aeronautics Company – Fort Worth

Address: Lockheed Boulevard

Fort Worth, TX 76101

Contract #: N00019-15-C-0031, F-35

Contractor: United Technologies Pratt & Whitney

Address: 400 Main Street

Mail Stop 182-14

OBB 2nd FL – Col E-2

East Hartford, CT 06108-0969

Contract #: FA8611-08-C-2896, F119 Sustainment

Contractor: Air Traffic Management Consulting (ATMCI)

Address: 3636 N. Rancho Drive

Las Vegas, NV 89130

Contract #: FA8611-C-B014, Transient Alert

2.2 Contractor Human Resources.

2.2.1 Contractor Program Management. The contractor shall identify a Contractor Program Manager (CPM) to serve as the primary interface to the Government. The CPM shall have full authority to act on behalf of their company on all matters relating to this contract, shall exercise management and operational control for their areas and be responsible for performance IAW this PWS. The Contractor may identify Deputy Contractor Program Managers (DCPMs) as necessary for efficient and effective management. The Contractor shall be responsible for the actions of its subcontractors and ensure subcontractors comply with all contract requirements. The CPM or DCPM shall be on-site and available to meet during normal day-shift duty hours (minimum of

Monday – Friday 0730-1630). After normal day-shift duty hours the CPM/DCPM shall be available within 2 hours to meet on the installation with Government personnel. The contractor shall provide CPM/DCPM telephone numbers for contact outside of normal duty hours. The Contractor shall identify a swing-shift maintenance manager to serve as the primary contact for 57 MXG after normal day-shift duty hours when the CPM/DCPM are not on site. A swing-shift maintenance manager shall be present at a minimum Monday – Friday until 2400. The swing-shift supervisor shall be empowered by the contractor to make, and have responsibility for, decisions affecting production, Contractor workforce, quality management, logistics and customer support. These responsibilities include, but are not limited to, extending Contractor work hours, sourcing of aircraft parts (to include cannibalization approval if necessary), AGE distribution and assignments, track priorities and make decisions affecting priorities, and ensuring continuity of effort between and among contractor backshops and the flightline customers. The Contractor swing-shift supervisor shall ensure seamless communications between AMU customers, shops, and 57 MXG leadership. If desired, this duty may rotate among branch managers or other trained and qualified Contractor management personnel. CPM responsibilities include but are not limited to:

2.2.1.1 Performance management of Contractor Quality Management System (QMS).

2.2.1.2 Ensure Operational Risk Management (ORM) is institutionalized within all contractor workplaces.

2.2.1.3 Ensure compliance with applicable OSHA and AFGMAN 91-203, *Air Force Occupational Safety, Fire, and Health Standards*.

2.2.1.4 Establish a radiation protection program IAW 29CFR 1910 Subpart G 1910.97, *Occupational Health and Environmental Control*, Radio Frequency, Radiation (RFR) Safety Program to include a personal exposure-monitoring program

2.2.1.5 Ensure compliance with all Federal, State and local laws pertaining to environmental regulations and pollution prevention.

2.2.1.6 Ensure strict adherence to technical data and mandatory instructions.

2.2.1.7 Ensure effective management of the contractor training program.

2.2.1.8 Ensure maintenance is performed only by personnel who are trained, qualified, and certified as required through the Special Certification Roster (SCR).

2.2.1.9 Ensure the SCR is reviewed semi-annually by appropriate work center supervisors to verify that all entries are current and accurate, and prerequisites including applicable training, testing, evaluation, or other requirements for task certification have been completed

2.2.1.10 Ensure standardization and enforcement of maintenance discipline.

2.2.1.11 Ensure TOs are managed IAW TO 00-5-1, *Air Force Technical Order System*

2.2.1.12 Ensure aircraft/equipment forms are documented by the individual completing the task.

2.2.1.13 Review and provide input as required to the weekly, monthly, quarterly, and annual flying/test schedules

2.2.1.14 Ensure maintenance actions are documented IAW AFI 21-101, command supplements, TO 00-20-1 and TO 00-20-2, *Maintenance Data Documentation*

2.2.1.15 Ensure all documentation required to support the Integrated Maintenance Data System (IMDS) or other required maintenance information system is accurate, up-to-date, and complete no later than the end of each shift

2.2.1.16 Coordinate with the base fire department, safety, and airfield operations to ensure compliance with wing adverse weather procedures for protecting aircraft and equipment IAW AFMAN 91-203, Chapters 11 and 24, and local guidance

2.2.1.17 Ensure the publication library or publication sets, including Technical Orders (TOs) are established and maintained

2.2.1.18 Ensure effective engine management

2.2.1.19 Ensure protection of aircraft, equipment, and facilities, as required

2.2.1.20 Deploy Maintenance Recovery Teams (MRTs) and equipment to recover aircraft as required

2.2.1.21 Ensure accurate information is communicated to the Government through directed meetings and reports.

2.2.1.22 Develop impoundment program for aircraft and equipment maintained by the contractor IAW AFI 21-101, Chapter 7

2.2.1.23 Ensure effective management and execution of non-aircraft maintenance services and support

2.2.1.24 Attend host unit meetings as necessary to meet PWS requirements

2.2.2 Key Personnel Qualifications Packages. Provide documented qualifications of key personnel NLT 30 days after to contract award or Government review and approval. The Government considers the following positions (or equivalents) as key personnel: CPM, Deputy CPM, Quality Manager, Senior Logistics Manager, Assistant Logistics Manager, swing-shift maintenance manager, Branch Manager, AMU Manager. When designated key personnel changes occur, provide qualification packages to the PM for review and approval. Key personnel positions must be permanently filled within 30 days of vacancy.

2.2.3 Resignation/Termination of Personnel Notify the CO within 3 business days of resignations or terminations of Key or Critical Personnel. Notify 57 MXG/CC within 3 business days of resignation/termination of any employee in the following sections: Non-Destructive Inspection, Low Observable Aircraft Structural Maintenance, Propulsion, Plans and Scheduling and Quality Control.

2.2.4 Drug Testing. Contractor employees shall be subject to substance abuse testing upon initiation of an AFI 91-204, *Safety Investigations And Reports*, investigation when an individual's actions or inactions are suspected as factors in a mishap sequence. The CO may identify the employees to be tested and the drugs and substances for which those employees must be tested. The contractor shall accomplish the specified testing using a certified (i.e., a certified lab that meets Department of Health and Human Services (DHHS)/Substance Abuse and Mental Health Services Administration (SAMHSA) certification) medical substance abuse testing facility. Results of the test(s) shall be provided to the Government solely for the purpose of completing an investigation IAW AFI 91-204. The contractor will accomplish employee specified substance abuse testing at the contractor's expense.

2.2.5 Tobacco Use On-Base. Contractor employees are required to follow tobacco use policies stated in AFI 48-104, *Tobacco Free Living*, and utilize only base designated tobacco areas for tobacco use.

2.3 Contract Administration. All program administration required to fulfill contract requirements is the sole responsibility of the contractor. Provide all data and information,

including CDRL deliverables or contract requirements, to the Government in electronic format compatible with USAF approved Microsoft Office software or unless otherwise directed by the Government.

2.3.1 Information Management. Establish an information management system/process to control, distribute, file, and suspense all maintenance reports, technical publications, and correspondence. Ensure disposition of records IAW AFMAN 33-363, *Management of Records*, AFI 33-364, *Records Disposition - Procedures and Responsibilities* and AF Records Disposition Schedule located at <https://www.my.af.mil/gcss-af61a/afrims/afrims/rims.cfm>. All contractor-generated records, documents, databases, other electronic media, and associated papers shall become Government property and will remain in place upon contract termination or completion. Records, documents, databases, other electronic media, and associated papers shall be available for Government review at all times. They shall be easy to locate, easy to read, and shall be kept current. Provide correspondence and reports using official formats approved by Government. At the time of disposition, the contractor shall box, label contents, and turn over documentation to the Government.

2.3.2 Personnel Report. Maintain a listing of all employees performing work under this contract. Provide as requested a report identifying the number of all personnel by Collective Bargaining Agreement labor category, assigned function, or repair shop and management support assigned at Nellis IAW CDRL A001.

2.3.3 Strike Contingency Plan. Submit a “strike” contingency plan within 30-days after transition start that provides for continued support in the event of a labor work stoppage IAW CDRL C002. Notify the CO and PM at least 72 hours prior to implementing the contingency plan.

2.3.4 Financial Management Report. Provide a Service Contract Cost Performance Report IAW CDRL A002. The Contractor shall invoice cost reimbursables within 14 calendar days of the incurred cost to enable the Government to quickly match approved cost estimate amounts with actual costs incurred for the specific estimate.

2.3.5 Travel. All reimbursable contractor travel, included travel-related overtime, shall be pre-approved by the Government. The contractor shall provide an initial estimate, arrange employee travel, and ensure travel expenses are reasonable. All travel cost estimates will be assigned a unique tracking number by the contractor. If the projected costs exceed the estimate by 10%, the contractor will submit a revised estimate the day the discrepancy is discovered and receive Government approval prior to committing expenses. The contractor must provide detailed explanation and justification for the

additional amount. All Government-directed travel will be reimbursed IAW FAR 31.205-46.

2.3.5.1 Contractor Personnel TDYs. The contractor will provide backshop support for at least two simultaneous TDY locations with no degradation for home station support. Contractor personnel shall be required to travel TDY with NAFB units to provide maintenance support (includes deploying with minimum essential tools and hardware, and Red X clearing authority) in their area of expertise or to attend Government provided training courses or conferences. Actual TDY time may vary based on the needs of the Government. All personnel deployments are limited primarily to US and allied military installations, both CONUS and OCONUS, and will not consist of any type of contingency or combat action. In addition to the unit deployments, the contractor shall travel to conferences as directed by the Government.

2.3.6 Contractor Manpower Reporting. The contractor shall report ALL labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Air Force via a secure data collection site. The contractor is required to completely fill in all required data fields at the Contractor Manpower Reporting Application (CMRA) website located at <http://www.ecmra.mil>. Reporting inputs will be for the labor executed during the period of performance for each fiscal year, which runs 1 October through 30 September. While inputs may be reported any time during the FY, all data shall be reported no later than 31 October of each calendar year. Contractors may direct questions to the CMRA help desk. Information from the secure web site is considered to be proprietary in nature when the contract number and contractor identity are associated with the direct labor hours and direct labor dollars. At no time will any data be released to the public with the contractor name and contract number associated with the data. Data for Air Force service requirements must be input at the Air Force CMRA link.

2.3.7 Phone Rosters. The Contractor shall provide the Government with a Key Personnel Phone Roster for contact outside of normal duty hours. The Contractor shall also provide the Government with an Organizational Phone Roster for all functions required by this PWS.

2.4 Personnel Qualification/Training. Contractor personnel shall be properly trained, qualified, and certified as required by applicable portions of AFI 21-101 and as incorporated from the contractor proposal into Appendix L, Qualifications/Certifications of technical workforce positions, and Appendix M, Qualifications of Key Personnel. Provide qualified personnel in sufficient numbers to supervise and perform all services required by this PWS.

All costs associated with employee training in order to meet the requirements of this PWS are the sole responsibility of the Contractor except as outlined in paragraph 2.4.3. The Government reserves the right to audit technician qualifications at any time to ensure a qualified workforce.

2.4.1 Training Plan. Develop and provide a comprehensive training program to the PM at contract start to ensure a properly trained and qualified workforce is available throughout the life of this contract. The Contractor shall submit a Training Plan IAW CDRL C003. The training plan shall document all procedures for training, qualification, and certification of employees prior to performance of assigned duties under this contract. These procedures shall include, at a minimum, the following:

2.4.1.1 Management, supervisory, trainer, and employee responsibilities.

2.4.1.2 A description of how the Contractor will establish and ensure a fully qualified workforce throughout the life of the contract.

2.4.1.3 Specific methods and procedures regarding how training, qualification, and certification will be accomplished.

2.4.1.4 A description of training documentation and employee training records.

2.4.1.5 The number, position, and qualification of personnel that will conduct training, qualification, and/or certification.

2.4.1.6 The anticipated number of personnel by position or level requiring training, qualification, or certification.

2.4.1.7 Task qualifications required for specific duty positions.

2.4.1.8 Specific milestones, frequencies, reoccurrences, and intervals as to when training, qualification, or certification of employees will take place.

2.4.1.9 The extent or level in which the training, qualification, or certification will be accomplished.

2.4.1.10 Quality Control process that will be utilized to ensure compliance with established training procedures.

2.4.2 Personnel Training Records. Develop and maintain individual training records to document experience, training, and test results. Document initial, recurring, and supplemental training accomplished in each employee's training record. Maintain each training record at the individual's work location. Make training records available to Government representatives upon request.

2.4.3 Government Directed Training. When the Government directs specific commercial or military training, all training costs including tuition, per diem and travel will be reimbursed as approved by the PM.

2.4.4 Special Certification. The contractor shall designate personnel to perform, evaluate, or inspect work of a critical nature on a Special Certification Roster (SCR) IAW AFI 21-101 and command supplements. The Contractor shall maintain a separate SCR for contractor personnel. The CPM shall sign the Contractor SCR. All CPM/DCPM certifications shall be tracked on the Contractor's SCR. This list shall be updated semi-annually and readily available. The CPM shall ensure the Government CORs have a current copy of the SCR.

2.5 Ground Operating Procedures (GOP). The Contractor shall develop, maintain, implement GOPs IAW DFARS 252.228-7001 and AFI 10-220, *Contractor's Flight and Ground Operations*, to ensure only qualified and certified personnel perform all aircraft ground operations; ensure government asset protection and safety; and standardize ground operations. These procedures must adequately explain all aspects of a given operation to accomplish the tasks. The Contractor shall submit GOPs IAW CDRL C004. GOPs must be reviewed and approved by the appointed Government Ground Flight Representative (GGFR) prior to implementation.

2.6 Operating Instructions (OI) and Operating Procedures(OP). The contractor shall develop, implement, and maintain site-specific and technical OIs delineating contractor policies and procedures to fulfill PWS requirements. The Contractor shall submit OIs/OPs IAW CDRL C005. OIs/OPs shall not contain proprietary data and its use shall be controlled IAW Government Purpose License Rights. Upon written notice of non-acceptance, the contractor shall address Government comments and resubmit for further government review. OIs/OPs shall be directive in nature and will be used by the government to validate PWS compliance.

2.7 Environmental, Safety and Occupational Health Program (ESOH).

2.7.1 ESOH Program. Develop and implement an Environmental Safety and Occupational Health Program. Develop, implement, and maintain base-specific Safety

and Health Plan IAW CDRL C006. Establish a safety program for employees that complies with OSHA (Public Law 91-596) and OSHA Standard 29 CFR 1910, including applicable DoD and Air Force Safety Guidelines. Comply with AFOSHSTDs or AF safety program instructions only to the extent required to protect AF resources (facilities, equipment, and AF personnel) and the general public. These Air Force Instructions are not considered all-inclusive. The Contractor shall use all applicable references (i.e. OSHA, and TOs).

2.7.1.1 Explosive Safety. The contractor shall comply with the applicable explosive safety provisions of AFMAN 91-201, *Explosives Safety Standards*.

2.7.1.2 Foreign Object Prevention Program. The contractor shall establish a Foreign Object Prevention Program IAW with AFI 21-101, including ACC and 57 MXG supplements.

2.7.1.3 Radiation Safety Program. The contractor shall establish a Radiation Safety Program IAW TO 33B1-1, *Nondestructive Inspection Methods*, AFMAN 48-125, *Personnel Ionizing Radiation Dosimetry*, and AFI 48-148, *Ionizing Radiation Protection*.

2.7.1.4 Radio Frequency (RF) Radiation Program. The contractor shall maintain RF Radiation Safety Programs IAW 29CFR 1910 Subpart G 1910.97 and applicable OSHA requirements.

2.7.1.5 Confined Spaces. The contractor shall conduct confined space training for personnel required to perform duties in aircraft confined spaces IAW applicable OSHA requirements and AFMAN 91-203.

2.7.1.6 Electro-Static Discharge (ESD) Program. The contractor shall establish an ESD Program IAW TO 00-25-234, *General Shop Practice Requirements For The Repair, Maintenance And Test Of Electrical Equipment*, Section 7.

2.7.2 Flight, Explosive, and Ground Mishap Prevention Program: Manage and administer an effective Flight, Explosive, and Ground Mishap Prevention Program IAW AF safety directives. Fully participate in all host base safety programs. The USAF Safety Inspection Program does not replace internal safety surveillance by the Contractor or inspections required by other federal or state agencies. The Contractor shall:

2.7.2.1 Cooperate with Government safety personnel in conducting formal detailed safety inspections and unannounced spot safety inspections of all Contractor activities.

2.7.2.2 Provide the Government with initial written replies concerning actions taken no later than the suspense date prescribed in the safety inspection report.

2.7.2.3 Route all inspection reports, replies, and related correspondence through the PM.

2.7.2.4 Respond to all applicable All Safety Communications (ALSAFECOM) and All Major Commands (ALMAJCOM) special safety interest item correspondence. When ALSAFECOM directs actions applicable to the Contractor's tasks as outlined in this PWS and referenced publications thereof, the Contractor shall comply and route any required replies through the PM.

2.7.3 Environmental Protection Plan (EPP). Develop, implement, and maintain base-specific EPPs IAW CDRL C007. Comply with all applicable federal, state, and local environmental statutes, instructions, manuals, handbooks, regulations, guidance, policy letters, and rules (including all changes and amendments), and all Presidential Executive Orders in effect on the date of issuance. Comply with the highest degree of environmental protection where any disagreements exist. Grant host base CES/CEV management personnel (and authorized Contractors) access to their applicable areas to perform environmental monitoring and auditing as required. Immediately notify the host base CES/CEV of any environmental regulator visits and requests for information. Comply with host base CES/CEV's policies and procedures for waste minimization and recycling.

2.7.3.1 Spill Response. Comply with Nellis FRP 19-1, *Spill Prevention Control and Countermeasure Plan*, or applicable host base programs. Immediately report all releases of hazardous materials, hazardous wastes, POL products, and other materials IAW the host base plans and directives and CDRL C007. Reimburse the host base CES/CEV for the cost of cleanup and disposal of a spill or release by the Contractor, including payment of any sampling and analysis in support of the cleanup operation and any fines, administrative penalties or investigative costs that might be imposed by a regulatory agency in response to a release or spill by their operation.

2.7.3.2 Hazardous Material and Hazardous Waste Handling and Storage. The contractor shall be responsible for maintaining, controlling, and transporting hazardous wastes IAW NAFB Plan 12, Annex C. The Contractor shall ensure proper handling and storage of all hazardous materials and ensure all personnel have met training requirements prior to handling of hazardous materials IAW AFI 32-7042, Waste Management, AFI 32-7086, Hazardous Materials Management, NAFB Plan

32-7086, Hazardous Materials Management Plan, and NAFB Plan 12, *Hazardous Waste Management Plan*. Transportation of hazardous waste will only be on the federal installation where the hazardous waste was generated. It is anticipated the contractor shall only be operating Initial Accumulation Points (IAP) in performance of this PWS. The Government will provide transportation services collecting IAP waste streams for disposal. The contractor shall be knowledgeable and comply with applicable federal, state, and local laws, and permits. Should any conflicts arise between NAFB Plan 32-7086, NAFB Plan 12 and Government statutes, the contractor shall immediately notify the PM for guidance. In addition to NAFB Plan 32-7086, NAFB Plan 12 and EESOH-MIS, HAZMAT shall also be tracked utilizing the Government provided barcodes and TC Max or equivalent. Any requests for new items not on the HAZMAT approved list must be routed to NAFB HAZMART with an AF Form 3952, *Chemical Hazardous Material Request/Authorization*, and any supporting documentation for their approval for use on the installation IAW AFI 32-7086.

2.7.3.3 Hazardous Material Requisitioning. Obtain approval from the host base Hazardous Material Management Office prior to purchase or use of any coded hazardous materials IAW AFI 32-7086. The quantities of coded hazardous materials shall be maintained in EESOH-MIS for the purposes of reporting under the Emergency Planning and Community Right to Know Act (EPCRA).

2.7.3.4 Hazardous Waste Accumulation Point. Establish and maintain hazardous accumulation points for hazardous wastes generated under this contract IAW host base NAFB Plan 12 and Air Force Pamphlet (AFPAM) 32-7043, *Hazardous Waste Management Guide*.

2.7.3.5 Contractor Liability. The Contractor shall be liable and responsible for non-compliance of ES&H provisions in this PWS and will pay all fines and fees that result from improper Contractor actions or procedures. The Contractor shall be financially responsible for all fines, penalties or judgments imposed by a federal, state or local agency or court for environmental law violations or other damages resulting from, but not limited to, the treatment, storage, disposal, discharge or release by their operation. The Contractor responsibility under this provision shall continue even if such violations are not discovered until after the Contractor has vacated the assigned areas/facilities and the agreement has been terminated.

2.7.3.6 Mishap/Incident Notification. Immediately notify the 57 WG/57 MXG/CC/CD/DD, PM, maintenance control and host base Safety Office of all mishaps involving on-duty Contractor personnel, AF assets or AF operations which

result in injury, illness, or damage. Submit incident report IAW CDRL B001. Establish internal mishap notification procedures and brief personnel. Document the mishap notification briefing as part of the safety and visitor briefings. Additionally, the contractor is responsible for securing the scene and impounding evidence/wreckage until released by the 57th Wing Safety Office and the 57 MXG. Incident scope or the involvement of other organizations may require the 57th Wing Safety Office or the 57 MXG to approve release from impoundment or transfer impoundment responsibility. Provide a copy of all mishap reports to the host base agencies following the procedures in the site specific S&HP, host base instructions and AFI 91-204. Injuries to Contractor personnel shall be reported IAW OSHA procedures. Maintain records of occupational injuries, illnesses, and other related activities as required by Federal, State and local regulations. Maintain copies of all mishap reports for one year.

2.7.3.7 Mishap Investigation Support. Participate and cooperate in mishap investigations required by the Government. This support also includes Commander-Directed Investigations (CDI). Flight, weapons and ground mishaps shall be investigated and reported IAW AFI 91-204. Provide assistance to the investigation board as required including recovery of jettisoned aircraft alternate mission equipment. The Contractor may be tasked to assist mishap investigation boards as subject matter experts. In this case, assigned contractor employees shall remain assigned to the board until the board is complete or their services are no longer required. The Mishap Investigation Board President will make the decision on when the board is complete.

2.8 Reliability and Maintainability Provide inputs as requested for technical working groups to improve reliability and maintainability of Air Force aircraft, support systems and support equipment (e.g., Product Improvement Working Groups, Mission Design Series Maintenance Conferences, Component Improvement Program). Provide trip report with detailed/significant information upon completion to the PM.

2.9 Aircraft and Equipment Forms Documentation. Ensure aircraft or equipment forms are documented IAW TO 00-20-1, including ACC and 57 MXG supplements, and specific equipment TO requirements. Review all aircraft and equipment forms to ensure maintenance was completed, forms were properly documented, and discrepancies cleared by authorized personnel.

2.10 Publications, Technical Orders (TO)s and Supplements. The Government shall make available all publications listed at the start of the contract. It is the responsibility of the contractor to establish follow-on requirements with the Publications Distribution Office IAW

applicable instructions. All applicable aircraft maintenance-related publications, TOs and supplements shall be implemented IAW AFI 21-101. All publications, instructions and documents applicable to this PWS are listed in Appendix A, Publications, Forms, Technical Orders and Compliance Matrix. The publications are coded as Mandatory or Advisory. Adhere to all publications/instructions coded as mandatory without deviation and only be guided by those publications coded advisory to the extent necessary to accomplish requirements in this PWS. All other applicable documents shall be complied with as necessary to fulfill the requirements in the PWS. Compliance with all applicable Air Force TOs is mandatory.

2.10.1 Document Changes. Supplements or amendments to publications listed in the most recent version of Appendix A, from any organizational level, may be issued during the life of this contract. Develop a process to review publication changes to ensure currency and adherence.

2.10.2 Change Implementation. Immediately initiate implementation process of those changes in publications that result in a decrease or no change in the contract price. Notify the CO in writing of change and provide a proposal for contract price reduction within 30 days of receipt of such change. Prior to implementing any mandatory revision, supplements or amendment to a publication or instruction that will result in a contract price increase, submit to the CO a price increase proposal and obtain approval from the CO prior to implementing such changes. Submit price increase proposals within 30 calendar days from the date the Contractor notifies the Government of the revision, supplement, or amendment giving rise to increase in cost of performance; however, the CO may direct immediate implementation and waive the prior approval requirement. Negotiation and/or increased cost approval may take place during or after implementation at the discretion of the CO. Failure to submit a price proposal increase within 30 days of change notification entitles the Government to hold the Contractor to perform IAW such change at no increase to contract price.

2.11 Technical Order Distribution Office/Account (TODO/TODA). The contractor shall utilize the Enhanced Technical Information Management System (ETIMS) to maintain and perform TODO and/or TODA functions for Government furnished TO they are responsible for. The contractor shall ensure personnel assigned TODO/TODA duties are trained using the latest AF training course provided by the Government. TO will be in a hard copy or electronic type format.

2.11.1 Maintain Technical Orders. The contractor shall be responsible for maintaining all administrative and technical publications for this PWS. For electronic TO, the contractor shall be responsible for downloading automated updates at least weekly.

2.11.2 Technical Orders Library. The contractor shall maintain and keep current TO library records IAW TO 00-5-1 and other applicable publications, instructions and forms listed in Appendix C.

2.12 Red Line Technical Data. The Contractor shall be required to perform maintenance using Red Line Technical Guidance. The Contractor shall ensure all Red Line Technical Guidance is approved and stamped by the 57 MXG Quality Assurance (QA) prior to use IAW TO-00-5-3, *Air Force Technical Order Life Cycle Management*.

2.13 Depot Level Support Requests. The contractor shall request support from Air Force Materiel Command for depot-level assistance IAW TO 00-25-107, *Maintenance Assistance*. The contractor shall process requests through the 57 MXG QA office and proactively communicate with depot-level organizations to resolve the support requests.

2.14 F-22/F-35 Action Request. When F-22 specific TO lacks repair or damage information, the contractor shall request a Field Service Representative author and send out an Action Request for engineering disposition to receive proper inspection or repair procedures. When F-35 specific TO lacks inspection, repair or damage information, the contractor will author work-center related Action Request through the Customer Relations Module (CRM) residing within ALIS.

2.15 Air Force Engineering and Technical Services (AFETS). AFETS field technicians are available to assist with complex or unusual technical problems. The assistance provided by AFETS is only intended to supplement the contractor's efforts and does not relieve the contractor from their responsibility to repair and maintain aircraft or equipment. The contractor shall partner with AFETS on Depot-Level assistance requests to ensure expeditious resolution to issues.

2.16 Aircraft and Engine Acceptance/Transfer Inspections. The contractor shall perform acceptance/transfer inspections IAW AFI 21-101, and the ACC supplement to TO 00-20-1.

2.17 Air Force Repair Enhancement Program (AFREP). The contractor shall support AFREP IAW AFI 21-101 and AFI 21-123, *Air Force Repair Enhancement Program*. The contractor shall provide one technician colocated with 57 MXG AFREP personnel. to perform repair if items authorized under AFREP. The contractor technician shall be solely responsible for writing programs for the ECLYPSE tester for items submitted to AFREP. The contractor shall also repair or assist in the repair of items as authorized by AFI 21-123. Mandatory training courses are listed in Paragraph 14 and are the responsibility of the contractor.

2.18 Depot Field Team/Contractor Field Teams (DFT/CFT) Support. The contractor shall provide maintenance support to DFT/CFT deployed to Nellis. The Contractor shall allow DFT/CFT use of shop CTK items and benchstocks to include HAZMAT products.

2.19 Joint Engineering Data Management Information and Control System (JEDMICS). The contractor shall obtain access to the JEDMICS system to acquire drawings, diagrams, and schematics.

2.20 Validation/Verification of TCTOs, Tooling, Testers, and Software Items. The contractor shall support validation/verification of items/processes. These efforts can involve a variety of functional support areas, but not expected to exceed 2,000 man-hours annually.

2.21 Tool and Equipment Management. The contractor shall operate and maintain a tool and equipment management program IAW AFI 21-101. The contractor shall use the ACC approved system for accountability.

2.22 Locally Manufactured or Developed Tools and Equipment. The contractor shall process any requests to locally manufacture or develop tools and equipment IAW AFI 21-101 and AFMAN 23-122, *Materiel Management Procedures*, Chapter 5, Section 5B, Paragraph 5.2.2.3.9.1 and 5.2.2.3.9.2. The contractor shall manufacture or fabricate requested mission related items. The requester is responsible for providing the contractor with all drawings and specifications for the request. The contractor shall obtain PM approval, in addition to any other approvals necessary, prior to local manufacture or fabrication efforts of non-aircraft or non-equipment-related items or any item not specifically source-coded for local manufacture. The contractor shall provide the requester with a list of all materials needed to perform the service. The requester is responsible for providing all required materials to the contractor. The contractor shall plan, lay out, fabricate, modify, repair, assemble, and install complex aircraft sheet metal parts, items, and assemblies with combined straight and curved edges or irregular curves and planes, advanced composites, graphite Bismaleimide resin (BMI), graphite epoxy woven fabric, low observable coatings, composite honeycomb adhesive bonded parts, items, and assemblies.

2.23 Support Equipment Maintenance. The contractor shall ensure all support equipment is mission capable or is in an active repair cycle to be returned to service. Maintenance shall include performing TCTOs and inspections on the equipment, as well as performing required troubleshooting.

2.24 Test Measurement Diagnostic Equipment (TMDE). Contractor personnel shall monitor and fully manage the provided TMDE IAW TO 33K1-100-2, *Precision*

Measurement Equipment Laboratory, and TO 00-20-14, Air Force Metrology and Calibration Program. The contractor shall utilize the TC Max or equivalent to maintain physical accountability for TMDE.

2.24.1 Contractor-Furnished TMDE: The contractor may use non-Government furnished TMDE in order to provide more efficient operations. Any such equipment must conform to the local purchase requirements of TO 00-20-14 including prior coordination/approval through the NAFB TMDE to verify supportability. All TMDE shall be calibrated or verified through NAFB TMDE prior to use regardless of source or ownership. Additional support requirements for contractor owned TMDE shall be provided by the contractor.

2.25 Corrosion Control. The contractor shall ensure a corrosion control program is implemented and managed IAW TO 35-1-3, *Corrosion Prevention, Painting and Marking USAF Equipment*, TO 1-1-691, *Aircraft Weapons Systems Cleaning and Corrosion Control*, TO 1-1-8, *Exterior Finishes, Insignia and Marking Applicable to USAF Aircraft*, and AFI 21-101.

2.26 Impoundments. Aircraft and equipment impoundments shall be managed IAW AFI 21-101. The contractor shall identify qualified personnel to serve as Impoundment Officials IAW AFI 21-101.

2.27 Shared Resources. The contractor, at times, may have to borrow or be requested to loan low inventory/high demand GFE from/to other units to facilitate mission objectives. These transactions should be coordinated at the lowest level possible to ensure the most appropriate use of government resources. If conflicting resources arise the MXG/CC or designated representative will make the priority determination.

2.28 Purchasing. Provide a consolidated monthly report of all reimbursable purchases made. Obtain Government approval before initiating acquisition action for new or replacement equipment or supplies for the following:

2.28.1 All prime mission equipment, operational support requirements/assets having an extended cost equal to or greater than \$1,000

2.28.2 All furniture, appliances, storage equipment, IT HW and administrative office equipment

2.28.3 All new tool requirements and machine tools including tool boxes and tool storage equipment

2.28.4 TMDE and firefighting equipment

2.29 Communications. Maintain effective and efficient communications throughout the maintenance complex. Contractor employees shall be readily identified in correspondence, telephone conversations and meetings they attend. Email accounts for Contractor employees shall follow the naming conventions of AFI 17-130, *Cybersecurity Program Management*.

2.29.1 New Communications Requirements, Upgrades, and Changes. Submit all recommendations for new, upgraded, or changed communications requirements via AF Form 3215, *Information Technology/National Security Service (IT/NSS) Requirements Document* or equivalent to PM.

2.29.2 Personal Electronic or Communication Devices. Personal electronic or communication devices (e.g., cell phones, beepers, pagers, portable music/video players, electronic games, etc.) are prohibited on the flightline, munitions areas, hangars, and/or other industrial work areas except for key mission essential and senior management personnel for official business only. Work cell phones will be issued and tracked in TC MAX or equivalent and marked accordingly IAW AFI 21-101 ACCSUP, for use on the flightline, munitions areas, hangars and/or other industrial work areas. All use of these devices must follow the appropriate safety precautions such as Hazards of Electromagnetic Radiation to Ordnance (HERO) distances etc. when used in these areas. This prohibition does not include common areas such as office areas, break or locker/ready rooms.

2.30 Land Mobile Radio (LMR) Management. Manage Contractor-assigned LMRs under user responsibilities IAW AFI 17-210, *Radio Management*, AFI 21-101, 57 MXG and 99th Communications Squadron (99 CS) policies. The Contractor shall coordinate through 57 MXG on call-signs and frequency assignment.

2.31 Vehicles. Government Furnished Vehicles (GFV) are identified in Attachment. The contractor shall be responsible for providing all additional vehicles deemed necessary to fulfill the requirements of this PWS. The contractor will be financially responsible for all Operations & Maintenance costs associated with the use of contractor provided vehicles. The O&M cost of the GFV is cost reimbursable. The contractor will manage and maintain assigned vehicles and shall ensure the safe operating condition of all contractor managed vehicles operated on NAFB. Inspection of vehicles before, during, and after use shall be consistent with AFMAN 24-306, *Operation Of Air Force Government Motor Vehicles*. All contractor vehicles are subject to inspection/surveillance by CORs to ensure FOD prevention measures are in place and to ensure vehicle condition does not increase safety risks. GFV

will not be used on any contract other than for which the vehicles were provided, unless approved by the CO. The contractor will ensure a Vehicle Control Program is established and outlined within the contractor Operating Instructions. GFP vehicles are operated IAW AFPD 24-3, *Management, Operation And Use Of Transportation Vehicles*, AFMAN 24-306, AFI 24-301, *Ground Transportation*, and AFI 24-302, *Vehicle Management*. IAW Title 41 CFR, 101-38.301 1. GFP vehicles are for official use only.

2.31.1 Vehicle Training Certification and Licensing. All contractor personnel who operate Government owned vehicles (GOV) or authorized company vehicles (to include electric vehicles, bomb lifts, or small motorized vehicles) on the flightline and hangars shall be properly trained, licensed, certified and authorized IAW AFI 24-301 and AFI 13-213, *Airfield Driving*. The contractor shall abide by NAFB Supplement to AFI 13- 213, when operating vehicles on the flightline. Privately owned (personal) vehicles shall not be operated on the flightline or near hangars unless authorized by base airfield management.

2.31.2 Contractor Provided Vehicle Basic Requirements. Contractor shall ensure vehicles are maintained in safe and serviceable condition. Vehicles must function as designed. All vehicles normally driven on the flightline must be equipped with secured and lidded FO containers and shall not pose a FOD hazard. Vehicles will have company signage displayed that readily identify the vehicles as contractor owned/operated.

2.31.3 Contractor Provided Emergency Response Vehicles. At the contractor's expense, the emergency response vehicles will be equipped and configured at a minimum with:

Crash Recovery Crash Truck

- Red emergency light bar with forward and side facing white spot lights
- Siren
- Truck mounted side boxes with either a ladder rack or equipment rack on top
- Be at least 3/4 ton 4x4 capable.
- All other equipment can be loaded from one truck to another
- Lift gates
- Mounted radio compatible with Nellis Frequencies (Government provided).

Hydrazine Response Truck (Fuels)

- LED/rotating beacon lights
- Permanent mounted UHF radio to communicate with ATC for clearance onto controlled movement area

Egress Trucks

Four placards per truck (for explosives) one (front, rear, and on each side of vehicle)

Two fire extinguishers (one inside, one outside)

Tie down points inside cargo area

2.32 Special Events. The Contractor shall clear and clean assigned aircraft hangars (and adjacent aircraft ramp areas as required) for special purpose use such as change of command ceremonies, open house, and MWR activities as directed by the PM. The Contractor shall prepare, position, and remove aircraft when ACC aircraft are used as part of the activity.

2.33 Security. The Contractor shall comply with the provisions of DoD 5220.22-M *National Industrial Security Program Operating Manual*, the requirements set forth in the DD Form 254, *Contract Security Classification Specification*, DoD 5200.2-R, *Personnel Security Program*, AFI 16-1404, *Information Security Program*, AFMAN 16-1405, *Personnel Security Program Management* and AFI 16-1406, *Industrial Security Program*.

2.33.1 Visitor Group Security Agreement (VGSA): The Contractor shall enter into a long term visitor group security agreement with the host base Security Office if contract performance is on base for 90 days or more. This agreement shall outline how the Contractor integrates security requirements for contract operations with the Air Force to ensure effective and economical operation on the installation. The agreement should address:

2.33.1.1 Security support provided by the Air Force to the contractor to include storage containers for classified information/material, use of base destruction facilities, classified reproduction facilities, use of base classified mail services, security badging, base visitor control, investigation of security incidents, base traffic regulations, the use of security forms and conducting inspections required by DOD 5220.22-R, Industrial Security Regulation, and AFI 16-1406 and publication supplements.

2.33.1.2 Security support requiring joint Air Force and contractor coordination includes packaging classified information, mailing and receiving classified materials, implementing emergency procedures for protection of classified information, security checks and internal security controls for protection of classified material and high value property.

2.33.2 Security Clearances Requirement: All personnel performing work on this contract shall be U.S. Citizen. Some Positions require a favorably completed Tier 3 investigation (Secret) and other positions may require indoctrinations into Special Access

Programs (SAP) as indicated in this PWS and detailed in PWS paragraph 12. The Contractor must possess a Secret Facility Clearance in order to submit an offer. If an Offeror does not have this type of clearance at the time of proposal submission, the proposal will not be evaluated and is not eligible for award. The ACC AMIC will not sponsor Offerors for facility clearances. Contractors shall request personnel security clearances (submit Clearance paperwork through Defense Counterintelligence and Security Agency (formerly DSS) to the National Background Investigations Bureau (NBIB)) for personnel requiring access to classified information within 15 days of contract award. Due to costs involved with security investigations, requests for Contractor security clearances shall be kept to an absolute minimum necessary to perform contract requirements. Contractor personnel shall have appropriate clearances prior to commencing work O unless otherwise approved in writing by the CO. The Contractor shall complete visit requests for each individual that will be performing work in the Defense Manpower Data Center (DMDC) Joint Personnel Adjudication System (JPAS) prior to performance start unless otherwise approved in writing. The Prime Contractor shall ensure that any teaming partners or subcontractors have the appropriate clearances prior to beginning performance. Required clearances are located at Paragraph 12.

2.33.3 Notification. The contractor shall notify the Servicing Security Activity (SSA) at each location and the local unit through the Joint Personnel Adjudicative System (JPAS) 30 days prior to contract performance on base. In the remarks section in the JPAS visit request add: contract number, period of performance and the company Facility Security Officer's (FSO) name and contact information.

2.33.4. Computer Security. The Contractor shall ensure all contractor-hired U.S. personnel obtain a favorable Tier 1 investigation and complete the Information Assurance training prior to gaining access to ".mil" or ".smil" domains AFI 17-130, IA Management, Air Force Cybersecurity Program Management, AFI 16-1404, Air Force Information Security Program, and AFI 17-100, Air Force Information Technology (IT) Service Management. Additional user training may be developed locally to reflect local needs and concerns. The T1 investigation is initiated by the local squadron where the contractor is assigned.

2.33.5. Non-Government Networks and Automatic Data Processing Equipment. The contractor is prohibited from establishing their own Information Technology (IT) systems/networks (Local Area Networks (LAN), Wide Area Networks (WAN), Cellular phone/USB Modem as WAN, Wi-Fi as WAN etc.) without the direct permission of governing communications and responsible information systems office and direction by the CO. If permission is granted, the Government office approving request is responsible for providing oversight to ensure the system is properly accredited/authorized and all

DoD/AF IT requirements are met. The Contractor shall provide point of contact information of such government office to the Government PM. Contractor employees who need access to government IT systems are determined to be trustworthy by the completion of a favorable personnel security investigation commensurate with assigned duties and by a designated government official prior to IT access being granted. This is accomplished through the system authorization access request, DD Form 2875. The Contractor shall establish and implement procedures to ensure all ADPE, to include laptops and other data processing devices, issued to the Contractor by the Government are not lost or misplaced, are not used by unauthorized persons or are not subject to unauthorized external devices. The Contractor shall immediately report any lost ADPE to the PM within two (2) hours of discovery of occurrence. In the event that ADPE is lost, the Contractor may be required to replace the equipment at no additional cost to the Government. The Government may replace the equipment and deduct the cost of such from the monthly payment due the Contractor.

2.33.6 Listing of Employees. The contractor shall maintain a current listing of employees. The list shall include the employee's name, social security number, and level of security clearance. The list shall be validated and signed by the company FSO and provided to the Sponsoring Agencies Security Manager. An updated listing shall be provided when an employee's status or information changes.

2.33.6.1 Revocation of Installation Access. For reasons of security or employee misconduct, the government may determine that a contractor employee is no longer suitable to be employed on the installation. A formal notice from the Base Commander will be provided to the contractor by the CO stating that the individual(s) may no longer enter the installation. Where the reasons for the removal request is due solely for security or misconduct on the employee(s), employee replacement will be at the Contractor's expense and not chargeable to the government. All contractor personnel are subject to security forces jurisdiction and the authority of the Base Commander while on USAF installations.

2.33.7 Security Assistant Appointment. The contractor shall appoint a Security Assistant for the on-base Visitor Group. The Security Assistant may be a full time position or an additional duty position. The Security Assistant and sponsoring Agency's Security Managers shall ensure all Contractor personnel are integrated into sponsoring agency's Information Protection Program and receive initial and recurring security education training IAW DOD 5200.1-R, *Information Security Program Manual* and AFI 16-1404.

2.33.8 Pass and Identification Items: The contractor shall ensure the pass and identification items required for contract performance are obtained for employees and non-government owned vehicles.

2.33.9 Retrieving Identification Media. The contractor shall retrieve all identification media, including vehicle passes from employees who depart for any reason before the contract expires; e.g. terminated for cause, retirement, etc.

2.33.10 Traffic Laws. The contractor and its employees shall comply with base traffic regulations.

2.33.11 Weapons, Firearms, and Ammunition. Contractor employees are prohibited from possessing weapons, firearms or ammunition on themselves, within their Contractor-owned vehicle, or privately-owned vehicle while on any DoD installation. All contracted personnel who maintain the privileges of retired, active duty, reserve or guard personnel who possess a valid DoD identification (i.e. non-contractor CAC), are exempted. Exempted personnel are authorized to possess and transport firearms, weapons and ammunition in compliance with local Air Force Base policy and guidance. Any other exception to this policy (special events involving Rod & Gun Clubs, approved hunting areas, base sponsored/approved skeet shooting events) must be submitted and approved by the host base SFS.

2.33.12 For Official Use Only (FOUO). The contractor shall comply with DOD 5400.7-R, Chapter 4, DOD Freedom of Information Act (FOIA) Program, requirements. This regulation sets policy and procedures for the disclosure of records to the public and for marking, handling, transmitting, and safeguarding FOUO material.

2.33.13 Reporting Requirements. Contractor personnel shall report to an appropriate authority any information or circumstances of which they are aware may pose a threat to the security of DoD personnel, contractor personnel, resources and classified or unclassified defense information. Contractor employees shall be briefed by their immediate supervisor upon initial on-base assignment.

2.33.14 Physical Security. The contractor shall be responsible for safeguarding all government property and controlled forms provided for contractor use. At the end of each work period all government facilities, equipment and materials shall be secured. Areas controlled by contractor employees shall comply with base operations plans/instructions for THREATCON procedures, Random Antiterrorism Measures (RAMs) and local search/identification requirements.

2.33.15 Controlled/Restricted Areas. The contractor shall implement local base procedures for entry to Air Force controlled/restricted areas where contractor personnel will work. An AF Form 2586, *Unescorted Entry Authorization Certificate*, must be completed and signed by the sponsoring agency's Security Manager before a Restricted Area Badge will be issued. Contractor employees must have a favorably completed Tier 1 (T1) investigation before receiving a Restricted Area Badge. Interim access can be granted IAW AFMAN 16-1404, Section 4.

2.33.15.1 Alarmed Facilities. Due to the sensitive nature of work being performed, certain facilities are secured with an alarm directly reporting to the 99th Security Forces Squadron. The contractor shall institute security measures to minimize and control access to these facilities.

2.33.15.2 Security Containers. The Government has provided GSA approved security containers. The contractor shall ensure that all classified materials are properly safeguarded according to the item's level of classification. The contractor shall ensure that all security container documentation is made available to the PM each month.

2.33.15.3 Security Validation. The contractor shall verify clearances of all government personnel needing to access contractor operated secure facilities or turning over classified items or parts.

2.33.16 Key Control. The contractor shall establish and implement methods of making sure all keys issued to the contractor by the Government are not lost or misplaced and are not used by unauthorized persons. The contractor shall not duplicate any keys issued by the government.

2.33.16.1 The contractor shall immediately report to the COR and PM any occurrences of lost or duplicated keys.

2.33.16.2 In the event keys, other than master keys, are lost or duplicated, the contractor may be required, upon written direction of the CO, to re-key or replace the affected lock or locks without cost to the government. The government may, however, at its option, replace the affected lock or locks or perform re-keying and deduct the cost of such from the monthly payment due the contractor. In the event a master key is lost or duplicated, all locks and keys for that system shall be replaced by the government and the total cost deducted from the monthly payment due the contractor.

2.33.16.2 The contractor shall prohibit the use of keys, issued by the government, by any persons other than the contractor's employees and the opening of locked areas by contractor employees to permit entrance of persons other than properly cleared and authorized contractor employees engaged in performance of contract work requirements in those areas.

2.33.17 Lock Combinations. The contractor shall control access to all government provided lock combinations to preclude unauthorized entry. The contractor is not authorized to record lock combinations without written approval by the PM. Records with written combinations to authorized secure storage containers, secure storage rooms, or certified vaults, shall be marked and safeguarded at the highest classification level as the classified material maintained inside the approved containers.

2.34 Contractor Identification. All on-site Contractor employees shall wear clothing appropriate to the tasks assigned, long pants are required for personnel in all maintenance activities or related sections. Contractors shall also wear clothing readily identifying them as Contractor personnel. Recognition will be accomplished by distinctive clothing (e.g. uniforms, company name and/or logo, and identification badges). If badges are worn in controlled/restricted areas or the flightline they shall be secured but remain visible.

2.35 Hours of Operation. The contractor shall provide the personnel and work schedules necessary to meet all PWS requirements and associated mission support tasks. This includes support to AMUs working 24/7 Monday through Friday and weekend support as required by 57 MXG. The Contractor shall adjust work schedules to accommodate changes in mission requirements. The contractor may request closure of one or more workcenters when there are no relevant mission requirements to support. The contractor shall obtain written consent of the PM stating affected workcenters, closure time, and date/time normal hours will resume. Additional requirements are:

2.35.1 Maintenance Operations Center shall operate on a 24 hour, 7 day a week basis.

2.35.2 All primary backshop functions shall maintain capability to support indefinite 24/7 air sovereignty alert taskings required for F-16C/D aircraft during weekends, holidays and other than normal coverage periods.

2.35.3 Electronic Warfare section will be required to operate up to 12 hours each day on the Saturday and Sunday prior to each Red Flag exercise (up to four times per year) for Combat Shield support.

2.35.4 Wash Rack shall operate Monday through Friday day shift only.

2.35.5 AMU will provide up to 16 hours support on Saturday and Sunday (As Required).

2.35.6 Low Observable Section shall provide a minimum of 12 hours of support on Saturday and Sunday.

2.35.7 Wing Plans and Scheduling shall provide support from 0730-1930 Monday through Friday as a minimum.

2.36 Holidays. Workcenters may be shut down on observed Federal Holidays if no flying activity will take place. If the holiday falls on a Saturday or Sunday, it may be observed on Friday or Monday as directed. The contractor shall obtain written consent of the PM stating affected workcenters, closure time, and date/time normal hours will resume. U.S. holidays include:

- New Year's Day
- Presidents Day
- Independence Day
- Columbus Day
- Thanksgiving
- Martin Luther King Day
- Memorial Day
- Labor Day
- Veterans Day
- Christmas

2.37 Performance of Service During Crisis Declared by the National Command Authority or Overseas Combatant Commander. This service is not determined to be essential for performance during crisis according to DODI 3020.37. However, in the event of a crisis or a significant emergency is declared, the CO will contact contractor personnel to notify them of the situation and any possible changes to their contract responsibilities.

2.38 Contingency Response/Exercise Support. Upon notification by the CO, the contractor shall perform special event services due to contingencies, natural disasters, exercise, or facility operation on an extended basis up to 24 hours per day, as required. If additional contract costs are incurred under this paragraph, the contractor shall have up to 30 calendar days to request an equitable contract price adjustment. Contractor support shall not go beyond the scope of duties identified in this document.

2.39 Project Status, Briefings and Reports. When Government personnel requests project status reporting, the contractor shall provide status of services in this PWS. The Contractor shall submit reports to 57 MXG or host units as required by this PWS. The contractor shall develop, provide, and present reports, briefings, and metrics in the format requested. A list of anticipated reports is at Paragraph 11.

2.40 Program Management Information System (PMIS). Provide remote system access to computerized PMIS to Government-authorized users and provide training on how to access and retrieve data through a Contractor website. Coordinate with the Government on the content and format of the data. All data shall be accurate and updated within 24 hours of occurrence (unless otherwise specified), and all data shall be maintained for the life of the contract. The Government shall retain ownership of all records generated in the performance of this contract, and the data shall be provided to the Government, in a format then-specified, upon request, and at the end of the contract. The Contractor shall populate the system with all open work orders and requisitions no later than 30 days after contract start. The Government will provide this data at transition and update this data at contract start.

2.40.1 Provide access to all reports, Contractor Operating Instructions, checklists, quality control/quality assurance documentation (QMS, audit schedule, audit checklist/reports), training records, official CO letters, trip reports, meeting minutes, reports, Contractor Key Personnel Contact List with phone numbers, and official Contractor Program Management Office (PMO) letters.

2.40.2 O&M Management Information. Provide access to metrics/Key Performance Indicators (KPI). The system shall support ad-hoc queries executed by the Government, providing details or summaries of maintenance and logistics activities.

2.40.3 Reports. All reports, unless otherwise directed, shall be in an electronic editable format compatible with Microsoft Office. The Government may require certain reports in Adobe PDF format. All reports shall be posted to the PMIS unless otherwise directed and are part of the firm fixed-price portion of the contract.

2.40.3.1 Make all current and archived/historical reports available in the PMIS, and also provide via other means as directed in each CDRL or deliverable or if directed to do so by the Government Program Office or CO. The Contractor shall notify those on the distribution list in each CDRL or deliverable via e-mail when a new report is posted to the PMIS. The Contractor shall incorporate appropriate security measures so that only authorized recipients have access to the reports.

2.40.4 Compatibility. Use software compatible with the USAF standard (subject to change), currently Microsoft Office unless otherwise directed. All Contractor data exchange shall be via electronic means, unless prior CO approval or direction is received for hard copy transmission. The Government will consider any cost-effective proposals submitted by the Contractor detailing alternative and supplemental methods of data interchange.

3.0 OPERATIONS AND MAINTENANCE

Maintenance services shall be performed IAW AFI 21-101 and all applicable Technical Orders. Accomplish applicable TCTOs, TCTDs, Time Change Items (TCI)s, One-Time Inspections (OTI)s, Government directed modifications, and higher headquarters directed inspections.

3.1 Aircraft Maintenance Units (AMU). The contractor shall operate one AMU of 12 F-16 aircraft supporting the 24 TASS and one AMU of 14 A-10 aircraft supporting the 66th Weapons Squadron and 422d Test and Evaluation Squadron IAW AFI 21-101 and the paragraphs below. The Contractor shall manage aircraft fleet health to include scheduled and unscheduled maintenance to best ensure mission accomplishment, aircraft sustainability, syllabus, test and pilot currency requirements.

3.1.1 F-16 AMU Sortie Generation Requirement. Contractor shall support a typical flying schedule consisting of a 6 turn 4 with one spare aircraft. The contractor shall support “surge” operations consisting of a 6 Hot Refuel 6, turn 4 Hot Refuel 4 flying schedule. The Contractor shall support an 8 turn 4 flying schedule for one week two times each year. Standard flying operations will be conducted during weekdays. The contractor shall support operations on some Federal Holidays and up to one weekend a month to support Green Flag (not to exceed six weekends a year).

3.1.2 A-10 AMU Sortie Generation Requirement. The Contractor shall support a typical 66 WPS/422 TES flying schedule consisting of a 4 turn 4 and a 2 turn 2 (total of 6 turn 6) with one spare aircraft for each supported operations unit. Standard flying operations will be conducted on weekdays. The contractor shall support 66 WPS syllabus operations during two scheduled weekends each year. The Contractor shall support surge operations up to 8 front lines and spare aircraft IAW AFI 21-101 not to exceed 4 events per calendar year. Two events will be scheduled to support the 66 WPS syllabus and two will support TDY launch out/home station flying.

3.1.3 Aircraft Configuration Requirements. Contractor shall configure assigned aircraft with Alternate Mission Equipment/Normally Installed Equipment (AME/NIE), fuel tanks, targeting/electronic jamming pods, and internal/external munitions (inert and live) and countermeasures to meet flying schedule requirements. Items include but are not limited to External Fuel Tanks, Advanced Targeting Pods, Sniper Pods, Electronic Jamming Pods (184/131), AIM-120, AIM-9, Chaff/Flare, ALE-50, 20MM & 30MM Ammunition, AGM-65/88, LAU-117, TER-9A, BDU-33/50/56, MK-82/84, BLU-109, GBU-10/12/38/54, CBU-87/89/103, M129 Leaflet Munition, 2.75” Rockets.

3.1.4 TDY/Live Weapons Loading Operations. Contractor shall perform operations at temporary duty (TDY) locations. The contractor shall be responsible for all planning, coordination, and equipment packing and shipping of assigned items to and from TDY location. During live weapons loading operations the contractor shall relocate to designated Live Loading Areas. The Contractor shall support the 66 WPS and 422 TES during “split-operations”. Split operation includes operating simultaneously from two different locations at home station (revetments/main ramp/Live Area Loading Area), or home station, and a TDY location, excluding MRT operations. Total turn pattern and spare totals shall not exceed requirements in Para 1.3.

3.1.5 Modification Management. The Contractor shall perform Government-approved modifications/de-modifications to aircraft, systems equipment and install Operational Flight Programs (OFP) and software to meet test requirements. All activities supporting test requirements and modification management shall be IAW ACCI 99-101, *ACC Test And Evaluation*, AFI 99-103, *Capabilities-Based Test and Evaluation*. Requests that increase contract cost shall be coordinated with the PM prior to approval/start of modification.

3.1.6 Ground Instructional Training Aircraft (GITA). The Contractor shall be responsible for 1 A-10A and 1 A-10C GITA. Both GITA are permanently grounded, only used for maintenance/weapons load training purposes and shall be maintained IAW AFI 21-101.

3.1.7 Aircraft Cleanliness. The Contractor shall ensure aircraft exteriors are well maintained for cleanliness and appearance outside of the normal aircraft wash schedule. Aircraft shall be spot cleaned as necessary to prevent deterioration of the protective coating and an accumulation of dirt, bugs, grease, and residues. All aircraft washing shall be documented in the applicable equipment and aircraft forms.

3.1.8 Schedule/Configuration Changes. Contractor shall support requested Flying Schedule changes IAW AFI 21-101.

3.1.9 AMU Supervision Responsibilities. The contractor shall provide an AMU Manager and an appropriate level of AMU supervision is responsible for the aircraft and equipment maintenance required to ensure execution of this PWS IAW AFI 21-101. Other responsibilities include:

3.1.9.1 Establish procedures for the accounting of maintenance owned PCMCIA cards.

3.1.9.2 Support Depot Field Team/Contractor Filed Team maintenance as required.

3.1.9.3 Chair a daily AMU maintenance production meeting.

3.1.9.4 Attend the Wing/MXG daily maintenance production/scheduling meeting.

3.1.9.5 Comply with Ionizing Safety Radiation Sniper LANTIRN Pod written policies and rules.

3.1.9.6 Ensure supervisor with radio communication is available during launch/recovery, engine runs, and weapons loading operations

3.1.9.7 Provide aircraft and equipment status reporting information at daily production maintenance meeting

3.1.9.8 Ensure personnel perform pre-use inspections prior to initial daily use of assigned AGE to include documentation of appropriate forms IAW applicable TOs.

3.1.10 Production Supervisor/Flightline Expeditor. The contractor shall provide a Production Supervisor and Flightline Expeditors for each shift to perform duties IAW AFI 21-101.

3.1.11 AMU Support Section. The contractor shall establish and perform Support functions IAW AFI 21-101.

3.1.12 AMU Decentralized Materiel Support. The contractor shall establish and perform AMU DMS functions IAW AFI 21-101.

3.1.13 AircREW and Maintenance Debrief Section. Contractor shall perform maintenance debrief functions IAW AFI 21-101.

3.1.14 Secured Debrief and Classified Parts Storage. Contractor shall store and manage classified components and programs.

3.1.15 Aircraft Section. The contractor will establish a workcenter as the primary work center responsible for maintaining assigned aircraft IAW AFI 21-101. Other responsibilities include:

3.1.15.1 Comply with aircraft and base Joint Oil Analysis Program (JOAP) requirements

3.1.16 Specialist Section. The contractor will establish a workcenter responsible for aircraft systems troubleshooting, on-equipment repairs, component removal and replacement, aircraft avionics systems classified item management, aircraft ground handling, servicing, and cleaning IAW AFI 21-101. The section may include avionics, propulsion, hydraulics, and electro/environmental technicians or other specialties determined by the Contractor.

3.1.16.1 Handle classified parts/material in accordance with AFI 23-101, *Air Force Materiel Management*, AFI 21-124, *Oil Analysis Program*, and other applicable directives.

3.1.16.2 Participate in scheduled JSECT USM 90-day maintenance and Combat Shield.

3.1.16.3 Perform on-wing SNIPER/Litening targeting pod maintenance.

3.1.17 Weapons Section. The contractor shall establish a workcenter to perform all scheduled/unscheduled maintenance and periodic inspection requirements for assigned aircraft weapon systems IAW AFI 21-101. The contractor shall be responsible for troubleshooting, analysis, repair, and performing functional checks of weapons systems, to include the weapons release systems, TCIs, and OTIs.

3.1.17.1 The contractor shall ensure the 20MM gun fire rate of 98% is met or exceeded monthly.

3.1.17.2 The contractor shall ensure a weapons release rate of 99% is met or exceeded monthly. The Weapons Release rate will be an accumulative of all bombs, rockets, missiles, and illumination flares. 20MM, 30MM and Countermeasures are not calculated.

3.1.18 Weapons Section Manager. The contractor shall provide a Weapons Section Manager to perform the applicable Weapons Section Chief responsibilities IAW AFI 21-101. Other responsibilities include:

3.1.18.1 Ensures aircraft Dash-6 armament system, AME/NIE inspections, TCTOs and aircraft functional checks are accomplished as required to prevent overdue inspections or over-flight of equipment.

3.1.18.2 Comply with criteria established in AFMAN 91-201 for munitions safety/handling requirements, site planning and use of the facilities/ locations where explosives are involved. Ensure parking of vehicles and the location of support equipment complies with AFMAN 91-201, all, DoD 6055.9-M Vol 1-8, *DoD Ammunition and Explosives Safety Standards*.

3.1.18.3 Comply with safety directives for all munitions-related operations. Ensure safe and reliable weapons loading/unloading and maintenance procedures are used. Ensure supervisory post-load and maintenance inspections are performed and documented. Do not use more than one load crew to accomplish certifiable loading/unloading tasks on aircraft IAW AFI 21-101.

3.1.18.4 Attend Weapons and AMMO meetings

3.1.18.5 Assign Loading Standardization Crew/Lead Crew Member as required.

3.1.19 Weapons Expediter. Contractor shall provide a Weapons Expeditor for all shifts where loading operations are being conducted. Weapons Expeditor shall comply with applicable weapons expediter duties and responsibilities identified in AFI 21-101. Other responsibilities include:

3.1.19.1 Fully understand and be prepared to implement specific disaster control duties and squadron responsibilities pertaining to aircraft/SE movement and personnel evacuation IAW AFI 10-2501, *Air Force Emergency Management Program*, and unit directives.

3.1.19.2 Contractor shall perform all assigned aircraft Dash-6 TO armament system requirements, AME/NIE inspections, TCTOs and aircraft armament systems functional checks. Ensure plans, scheduling, and documentation (PS&D) is aware of applicable Dash-6 TO requirements and all other armament systems inspections IAW AFI 21-101 ACCSUP, Chapter 3.

3.1.20 Arm/Dearm. Contractor shall perform Arm/Dearm function in designated location for all aircraft loaded with munitions/countermeasures IAW 21-101.

3.1.21 Weapons Load Training Operations. The Wing Weapons Manager (WWM) retains all responsibilities required to effectively manage the weapons community. The Weapons Standardization (WS) Superintendent is responsible to the WWM and performs Section duties IAW AFI 21-101 to ensure all weapons loading

operations are conducted in a safe and reliable manner. The Government will provide a weapons load training facility and applicable training munitions. The Contractor shall provide a training aircraft when required. All training resources are “Shared Resources” and the contractor shall work with WS personnel to schedule all events. In the event an unscheduled training/re-certification event is required the contractor will coordinate with WS personnel to ensure previously scheduled events are not disrupted. The Contractor shall maintain at least one Loading Standardization Crew (LSC) for each MDS the Contractor performs weapons loading operations on. The Government will provide all initial weapons certification training to the contracted LSC, at which point the contractor will then be responsible for all other training requirements. The WWM and/or WS Superintendent evaluate and certify the LSC, IAW AFI 21-101. The contracted LSC shall train, qualify, and certify contractor load crew members IAW AFI 21-101. Additional Contractor LSC responsibilities include, but are not limited to:

3.1.21.1 Perform flightline evaluations and report findings to the Weapons Manager (approx. 30 a month for each unit). A copy of all failed evaluations will be forwarded to the Government Quality Assurance Manager.

3.1.21.2 During all Training, Qualification, Certification, and evaluation events the contractor’s LSC will evaluate performance for safety and reliability of the task, will ensure all required technical data is properly used, and advise time goals for loading tasks to aid in proficiency.

3.1.21.3 The contractor may appoint weapons load crew members to “Lead Crews” to assist the LSC with training, qualification, and certification tasks. The contractor shall not assign more than 25% of their assigned weapons load crews as Lead Crews.

3.1.21.4 The contractor shall provide Weapons Load Crew Members’ SAE/MPRL statistics, flight line evaluation results, and weapons release rates monthly to the ACC AMIC/DRQA for inclusion into the contractor’s performance indicators. In the event WS personnel observe safety/reliability issues directly caused by contractor personnel, WS will notify ACC AMIC/DRQA. This does not include Weapons Load Training events.

3.2 Electrical and Environmental (E&E) Section. The contractor shall perform authorized local manufacture, repair, overhaul, testing, modification and inspection of aircraft and SE electrical components, wiring harnesses, batteries and charging units IAW AFI 21-101. The contractor shall actively participate as an E&E Repair Network Integration program repair node IAW AFI 20-117, *Repair Network Management*. The contractor shall

also perform E&E parts inspections and repairs, and prepare and receive parts for/from shipment in support of the repair networks efforts.

3.2.1 Maintain, Repair and Inspect E&E Systems and Components. The contractor shall perform all maintenance, repair and inspections of phase aircraft, E&E systems and components on or off aircraft IAW the aircraft or equipment specific TO.

3.2.2 Maintain, Repair and Store Batteries. The contractor shall perform all off aircraft maintenance, repair and inspections of aircraft batteries and charger systems for assigned aircraft and HH-60 helicopters.

3.2.3 Maintain Cryogenic Carts and Equipment. The contractor shall maintain a liquid oxygen cart in commission rate not less than 85% and a gaseous oxygen cart in commission rate not less than 50%.

3.2.4 Compressed Gas Cylinders. The contractor shall be responsible for the management, use, storage, and handling of compressed gas cylinders IAW TO 42B5-1-2 and AFMAN 24-204, *Preparing Hazardous Materials For Military Air Shipments*. The contractor will establish a central storage area for aviation breathing oxygen and nitrogen bottles to replenish 8 and 2 bottle servicing carts used within the 57 MXG. The contractor will acquire, reimbursed through the materials and support CLIN, full compressed gas cylinders for replenishment. The Aviator's Breathing Oxygen shall meet the requirements of the current issue of Specification Mil-PRF-27210 and must meet moisture free limits IAW TO 42B6-1-1. The contractor is responsible to remove depleted bottles and install full bottles on GOX carts.

3.2.5 Maintain Test Stations and Support Equipment. The contractor shall ensure all test stations and support equipment are mission capable. Test stations shall be maintained in the proper hardware and software configurations to test all assigned E&E components. Maintenance shall include performing TCTOs and inspections on the equipment, as well as performing required troubleshooting and developing automated test procedures for the RST-501X Eclypse Tester.

3.3 Egress Section. The contractor shall maintain, remove, install, inspect, repair and modify egress systems and associated components for assigned aircraft IAW AFI 21-101. The contractor shall be responsible to maintain current explosive facility licenses IAW AFMAN 91-201.

3.3.1 Cartridge Actuated Devices/Propellant Actuated Devices Review (CAD/PAD).

The contractor shall complete inspections annually, upon receipt of new aircraft, and aircraft returning from depot.

3.3.2 Explosives. The contractor shall be responsible for handling, removing, installing, transporting, maintaining, inspecting and storing egress systems explosive devices up to Class 1, Division 2. Explosives shall be handled and stored in approved areas IAW AFMAN 91-201 and AFI 21-101. The contractor shall maintain accurate accountability of devices in MIS.

3.3.3 Aircraft Egress Safing. The contractor shall safe aircraft ejection seats used for maintenance orientation training, fire department training, aircrew extraction training and static displays at NAFB and Creech AFB IAW TO 00-80-series and aircraft specific TO.

3.4 Fuel Systems Section. The contractor shall perform all maintenance, repair and inspections of aircraft fuel systems and components IAW the aircraft or equipment specific TO and AFI 21-101. The contractor shall refuel/defuel aircraft to facilitate fuel system maintenance. All items requiring maintenance will be picked up and delivered by the unit requesting maintenance.

3.4.1 Flightline Support. The contractor shall troubleshoot and repair aircraft fuel indication systems and fuel systems.

3.4.2 Hydrazine Functions. The contractor shall provide qualified personnel to inspect, maintain and store F-16 hydrazine tanks and systems on or off aircraft. The contractor shall also ensure safety standards are maintained IAW TO 42B1-1-18, *General Procedures, Handling of H-70 (Hydrazine – Water Fuel)* and applicable safety references.

3.4.3 Hydrazine Tank Storage. The contractor shall store, maintain and service F-16 hydrazine fuel tanks IAW TO 00-25-172, *Ground Servicing of Aircraft and Static Grounding/ Bonding*, TO 42B1-1-18, and AFI 21-101.

3.4.4 Response. The contractor shall ensure hydrazine response teams are formed and trained IAW AFI 21-101 and applicable safety references. The contractor shall ensure Hydrazine Response Team responsibilities are integrated into the Crashed, Damaged, or Disabled Aircraft Recovery (CDDAR) Program and local In-Flight Emergency functional checklists. The contractor shall respond to F-16 hydrazine ground and in- flight emergencies involving possible EPU activation and/or possible hydrazine leaks IAW 57 MXG local guidance. The contractor shall be responsible for performing hydrazine

leak/spill cleanups. The 99th Civil Engineering Squadron will dispose of all hazardous waste streams. All hydrazine response training shall be documented in the IMDS.

3.4.5 External Fuel Tanks: The contractor shall maintain, repair, inspect, store and build up fuel tanks to include War Reserve Materiel (WRM) fuel tanks IAW the equipment specific TO. The contractor shall segregate all WRM fuel tanks and ensure they are kept serviceable at all times. The contractor is responsible to account for and store all external fuel tanks and F-15E conformal fuel tanks (CFTs). The contractor shall maintain external fuel tanks at an in-commission rate of 80% or higher and issue required external tanks upon request.

3.4.6 External Fuel Tank Storage Area Maintenance: The contractor shall ensure the tank farm storage area is maintained IAW AFI 21-101.

3.5 Hydraulics Section. The contractor shall maintain, repair and inspect pneumatic and hydraulic systems and components and provide maintenance support for support and test equipment IAW AFI 21-101. The contractor shall actively participate as a Hydraulics Repair Network Integration program repair node IAW AFI 20-117. The contractor shall also perform hydraulic parts inspections and repairs, and prepare and receive parts for/from shipment in support of the repair networks efforts.

3.5.1 Maintain F-16 Landing Gear Set. The contractor shall maintain a spare, or “ship set,” landing gear system during the performance of F-16 landing gear time changes. The contractor shall clean, inspect, order parts as required, reassemble, and rig in preparation for the next aircraft time change. The contractor shall develop and utilize a six year inspection shadow board to visually track old and new components. The contractor shall ensure required components are available on hand to maintain three F-16 landing gear spares (1 each lightweight and 2 each heavyweight).

3.6 Aerospace Ground Equipment (AGE). The contractor shall perform all AGE maintenance, management, production and dispatch duties for the 57 MXG IAW AFI 21-101. Limited use of AGE to support real-property building comfort, critical navigation, and communication aids will be requested through the 57 MXG.

3.6.1 Maintenance Section. The contractor shall manage and maintain each AGE sub-pool/ready line to ensure equipment is serviceable. The contractor shall perform a service inspection on munitions handling/loading trucks at least every 7 calendar days.

3.6.2 Minimum Equipment Levels (MEL). The contractor shall develop a MEL for each squadron in coordination with each Aircraft Maintenance Squadron Operations

Officer/Maintenance Superintendent. MELs shall be updated annually and submitted to 57 MXG/CC for final approval. The contractor shall ensure mission essential AGE status is tracked daily using MIS when available. When not available, track AGE status using AF IMT Form 2431 or locally developed electronic product that contains the same information found on the AF IMT 2431. Status and Estimated Time In Commission (ETIC) shall be provided to the MOC daily or immediately when MEL status is not being met.

3.6.3 Dispatch Section. The contractor shall follow guidance as prescribed IAW AFI 13-213 and Nellis Supplement, and promptly respond to Government requests to pick-up and deliver AGE. The contractor personnel shall provide necessary on-the-spot training to Government personnel on the proper use and inspection of the equipment. The contractor shall deliver or pick up requested AGE in 20 minutes or less. Additional time is allowed for delivery to areas beyond the primary flightline. The contractor shall expedite responses for “Red Ball” support and deliver requested assets in 5 minutes. Maintain pickup/delivery logs for no less than 60 days.

3.6.4 Mobility TDY Support. The contractor shall prepare AGE for deployments and exercises IAW AFMAN 24-204, TO 35-1-4, *Processing and Inspection of Support Equipment for Storage and Shipment*, and equipment specific TOs, to include certifying hazardous declarations on the Shipper's Declaration for Dangerous Goods. The contractor shall be notified by the 57 MXG identifying which pieces of AGE must be prepared and the time frame the equipment shall be prepared.

3.7 Armament. The contractor shall perform armament functions as defined in AFI 21-101 for all assigned aircraft and attend any wing/group meetings concerning weapons systems. The contractor shall perform all Phase inspection maintenance requirements to include phase workcards and repairs.

3.7.1 Inspections. The contractor shall coordinate activities with the respective AMU when activities include items installed on the aircraft. The contractor shall maintain an aircraft gun system inspection turn time at or below 48 hours for F-16 gun systems and at or below 72 hours for all other aircraft guns systems.

3.7.2 Flightline Support. The contractor shall respond to notification of potentially unsafe aircraft due to jammed guns and hung ordnance. Coordinate actions with emergency response teams to assist weapons load teams as requested by the weapons expeditor. The contractor shall respond to jammed or unsafe ammunition loading systems. For incidents involving depleted uranium munitions, contact the installation radiation safety officer via the 57 WG/MOC.

3.7.3 Storage. The contractor shall control and maintain security for AME including bomb dispensing units, armament components, and aircraft guns to prevent unauthorized access and pilferage. The contractor shall ensure strict adherence to governing gun security IAW AFI 31-101, *Integrated Defense*, and DOD Manual 5100.76-M, *Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives (AA&E)*. The contractor shall also control and maintain security for stored aircraft gun rotor assemblies and/or the entire gun system (while unattended) from unauthorized access and in a double locked structure. AME/Gun storage must meet local ready storage criteria IAW applicable equipment specific TOs/instructions for inspections and protecting assets from climatic conditions and potential physical damage.

3.7.4 Gun System Tracking. The contractor shall maintain the MIS data base for installed guns, gun systems and gun component TCIs or inspection data based on round count limits listed in the -6 TO, including updating rounds from the AF IMT 2434 or locally developed form.

3.7.5 Mobility TDY Support. The contractor shall prepare armament equipment for deployments and exercises IAW equipment specific TOs. The contractor shall be notified by the Government identifying which pieces of armament equipment must be prepared and the time frame the equipment shall be prepared.

3.7.6 Equipment Status. Provide the Wing Weapons Manager monthly status on authorized/on-hand quantities and serviceability of AME/NIE/WRM, critical armament testers, and support equipment by the first of each month, for the previous month.

3.8 Avionics. The contractor shall maintain avionics line replaceable units and electronic warfare pods, including support equipment IAW AFI 21-101. The contractor shall provide technical assistance to flightline personnel for avionics components and pods installed on the aircraft. The contractor shall perform troubleshooting and repair of on-aircraft fuel system indication malfunctions and phase workcards.

3.8.1 Avionics Intermediate Section. The contractor shall maintain avionics components for all assigned aircraft as well as component support for like aircraft of TDY units and NAFB ground system components. The contractor shall evaluate the end item to determine if it is more cost effective for the Government to repair at the lowest level or replace with the next higher assembly of the faulty item. The contractor shall actively participate as an avionics Repair Network Integration program repair node IAW AFI 20-117. The contractor shall also perform avionics inspections, repairs, and prepare and receive for/from shipment in support of the repair networks efforts.

3.8.1.1 Maintain, Repair, and Inspect LRU. The contractor shall maintain an LRU MICAP turn time of 50% or higher within 12 hours and 90% or higher within 24 hrs.

3.8.1.2 F-15/F-16/A-10 LRU. The contractor shall obtain access to the Global Eye database through the Reliability, Availability, and Maintainability for Pods (RAMPOD) website. The contractor shall receive F-15/F-16/A-10 LRUs for maintenance, repair, or inspection and log them into the Global Eye database. The contractor shall update Global Eye database with all actions taken on the LRU.

3.8.1.3 Hill AFB QL F-16 LRU. The contractor shall perform three level maintenance on all Hill AFB QL F-16 LRU of the same types supported for 57 MXG aircraft. The contractor shall coordinate with the Hill QL office for all supply support. Hill QL office shall order and deliver all items necessary to return the LRU to a serviceable state. The contractor shall only perform maintenance on these assets. Projected workload is under 30 LRUs per year.

3.8.2 Electronic Warfare System Section. The contractor shall perform maintenance on assigned electronic warfare pods. The contractor shall maintain an EW pod availability rate at 85% or higher for each type of pod.

3.8.2.1 Store EW Pods. The contractor shall maintain a storage area for EW Pods IAW AFI 21-101. The contractor shall provide overflow storage for pods not in use by flightline organizations.

3.8.2.2 Reporting. The contractor shall update the RAMPOD database IAW AFI 21-103, MIS and equipment specific forms and historical records with all maintenance, repair and inspection actions taken.

3.8.2.3 Electronic Warfare Integrated Reprogramming. The contractor shall be responsible for performing any directed software updates on avionics components and pods.

3.8.2.4 The contractor shall attend wing and group electronic warfare program meetings.

3.8.3 Automated Computer Program Identification Number System (ACPINS). The contractor shall monitor ACPINS for new software updates IAW AFI 21-101 and process any software download requests within the timelines specified in the directions.

If no timelines are specified, the contractor shall process updates within five working days of having all of the necessary items to process the update.

3.8.4 Secure Internet Protocol Router Network (SIPRNet). The contractor shall maintain SIPRNet accounts IAW with 99 CS procedures to download directed software updates. The contractor shall check the SIPRNet for required routine software updates weekly.

3.8.5 Support Equipment Maintenance and Reporting. The contractor shall ensure all test stations and support equipment, to include pod cradles, are mission capable. Test stations shall be maintained in the proper hardware and software configurations to test assigned avionics components and the contractor shall maintain an in-commission rate for avionics test stations at 85% or higher. The contractor shall be responsible for updating the status of F-16 Avionics Intermediate Shop equipment weekly through <https://f16support.hill.af.mil/>.

3.9 Aircraft Structural Maintenance Section. The contractor shall perform structural repair, corrosion control, and composite repair IAW AFI 21-101.

3.9.1 Repair. For repairs not addressed by an equipment specific TO, the contractor shall evaluate the repair to determine how the repair could be facilitated. This documentation shall be forwarded to 57 MXG Quality Assurance office with a completed 107 requesting a depot-level engineering disposition. Repairs of some items will be considered classified as Secret Special Access Required. In such cases the manufacture and fabrication process listed above shall be the same; however, the information must be protected IAW DoDMAN5200.02-AFMAN 16-405 and Joint Air Force Army Navy Regulations (JAFAN) 64 and 69.

3.9.2 Corrosion. The contractor shall provide corrosion control services to include inspections, (including Ground Instructional Training Aircraft), applying coatings, painting aircraft, aircraft sections or components, AGE, MMHE and accessories, and mission related support equipment. The contractor shall perform a minimum of ten (10) complete AGE re-paints per month and six MMHE trailers per month. The contractor shall appoint a Wing Corrosion Manager that shall be qualified and will perform duties as directed in AFI 21-101 and CAFI 21-105_ACCGM 2018-01, 10 January 2018. The contractor shall be responsible to score aircraft (1-5) rating for paint condition IAW CAFI 21-105_ACCGM 2018-01, 10 January 2018 (including 57 MXGSUP).

3.9.3 Wash Rack. The contractor shall perform all aircraft washes and post aircraft wash lubrication on assigned aircraft. The contractor shall manage a wash rack to

include support equipment maintenance. The contractor shall be responsible for providing Government furnished supplies and personal protection equipment to non-57 MXG individuals using the wash rack (e.g. HH-60 and/or units deployed to NAFB). The contractor shall ensure the serviceability of equipment and shall train Government personnel for proper use to include safety briefings. The contractor is NOT responsible for ensuring Government personnel using the wash rack are in compliance with applicable safety or environmental regulations or laws. The contractor is responsible for daily-use clean-up, except when another using organization utilizes the wash rack.

3.9.4 Aircraft Painting. The contractor shall ensure all painting is accomplished IAW EPA and OSHA standards and guidelines. The contractor shall perform all surface preparation, painting, and protective coatings specified IAW the aircraft or equipment-specific TO. Painting shall include markings or decals IAW CAFI 21-105 (to include 57 MXGSUP) to restore the item to its original configuration or to meet the configuration requested by the Government. The baseline time allowance is no more than five days for a full F-16 aircraft paint, seven days for a full F-15 and A-10 aircraft paint and no more than two days for aircraft touch ups (with tail flash is allowed an extra two days). The Government may direct out-of-cycle paint touch-up or full-paints. The contractor shall be responsible for disposal of all used paint booth filters through the 90-day site or dumpster (as applicable).

3.10 Metals Technology Section. The contractor shall inspect, repair, service, manufacture, fabricate, perform heat treating, clean, weld and test aircraft, equipment, components and tools on or off aircraft for all assigned aircraft IAW AFI 21-101.

3.10.1 Repairs. The contractor shall perform repairs IAW the aircraft or equipment specific TO of the end item. If the repair is not addressed by an equipment specific TO, or general otherwise covered under general guidance directives, the contractor shall evaluate the repair using their expertise to determine how the repair could be facilitated. This documentation shall be forwarded to the Quality Assurance office with a completed 107 requesting engineering disposition.

3.11 Non-Destructive Inspections (NDI). The contractor shall perform NDI of aircraft, engines, AGE, and other support equipment and mission related equipment IAW AFI 21-101. Contractors providing these services shall be qualified and certified IAW National Aerospace Standard (NAS) 410, NAS Certification and Qualification of Non-destructive Test Personnel. The Contractor's nondestructive testing inspection (NDI) lab personnel shall be certified to Level 2 in accordance with the latest revision of the National Aerospace Standard (NAS) 410, Certification Qualification of Nondestructive Test Personnel.

3.11.1 Written Practice. The contractor shall develop and maintain a Written Practice for the qualification and certification of their NDI lab personnel that meets the requirements of the latest revision of NAS 410. The Written Practice shall address the procedural details necessary for the contractor to implement an NDI qualification and certification program as detailed in CDRL C008.

3.11.2 Responsible Level 3. The contractor shall identify in writing a Responsible Level 3. Responsible Level 3 duties provided by an Outside Agency, NDI Level 3 Consultant, or an NDI Corporate Level 3 personnel for compliance with NAS 410 contract requirements shall receive accreditation and approval from the Air Force NDI Office, AFLCMC/EZPT-NDIO, Tinker AFB, OK, prior to being accepted.

3.11.2.1 If an Outside Agency, NDI Level 3 Consultant, or NDT Corporate Level 3 personnel are utilized, the contractor shall document the personnel's suitability to perform the related NDI functions to assure compliance with NAS 410.

3.11.2.2 The Outside Agency, NDI Level 3 Consultant, or NDT Corporate Level 3 personnel shall provide the processor with evidence of qualification and certification of Level 3 personnel.

3.11.2.3 When the Responsible Level 3 is not certified in all methods, Examiners, certified as a Level 3 shall be designated in writing who can administer the method test that the Responsible Level 3 is not certified.

3.11.3 Oil Analysis Program (OAP). The contractor shall manage the Oil Analysis Program (OAP) IAW AFI 21-124, AFI 21-101, and TO 33-1-37-1 to -3. The contractor shall report oil analysis status to the 57 MXG/CC as directed and OAP results to the respective AMU no later than eight hours prior to crew ready time for an aircraft. The contractor shall also be responsible for operating and maintaining a scanning electron microscope energy dispersive x-ray (SEM-EDX) for local and TDY units.

3.12 Low Observable Aircraft Structural Maintenance Section. The contractor shall provide inspection, damage evaluation, repair, manufacture, and/or modification of LO components, Facilitate Other Maintenance actions and related hardware associated with aircraft IAW 21-101. The contractor shall follow established contamination control and cleanup procedures while performing LO repair tasks. The contractor shall maintain the F-22 Signature Assessment System (SAS) fleet average below 75% per month. The contractor shall maintain the F-35 Low Observable Health Assessment System (LOHAS) fleet average below 75% per month.

3.12.1 Inspections. The contractor shall coordinate the signature assessment data with the AMU to determine repair priorities based on aircraft availability. Upon request, contractor shall perform and document a pre-flight OML inspection for special test missions. The contractor will provide a formal corrective action plan MXG/CC when an aircraft SAS/LOHAS audit exceeds allowable limits.

3.13 Repair and Reclamation (R&R) Section. The contractor shall remove, replace, inspect and rig flight control surfaces/systems A-10, F-15C/D/E aircraft IAW AFI 21-101, 57 MXG Sup, Mandatory R&R Task List. The contractor shall perform all White Area Maintenance. The contractor shall establish specialized maintenance rig teams to accomplish flight control, canopy, landing gear, door systems, and other systems rigging.

3.13.1 Crash Yard. The contractor shall be responsible for keeping the crash yard organized and free of non-aircraft debris.

3.14 Wheel and Tire Section. The contractor shall perform wheel and tire functions, including pick-up and delivery, IAW AFI 21-101 for all assigned and HH-60 aircraft. The contractor shall provide visiting units storage space and access to Government furnished equipment (GFE) to build-up wheel or tire assemblies.

3.15 Aircraft Inspection Section. The contractor shall perform aircraft phase and hourly post flight inspections and repairs IAW AFI 21-101 and aircraft-specific TOs. The contractor is responsible towing the aircraft to/from the inspection dock.

3.15.1 Pre-Dock Meeting. The contractor shall conduct a pre-dock meeting with the applicable AMU a minimum of one day prior to phase input to discuss all of the requirements for the aircraft inspection, upcoming TCTOs, one-time inspections, special inspections, time changes or delayed discrepancies. Baseline allowance for phase inspections are 6 days or less for F-16 aircraft, 9 days or less for all F-15 aircraft, and 12 days or less for A-10 aircraft phase type one and two. All references to days are work/business days. Additional days above baseline will be agreed to at the pre-dock meeting.

3.15.2 Post-Dock. The contractor will conduct a post-dock meeting after the Phase is complete. All applicable Maintenance Information Systems (MIS), AFTO Forms 781 documentation, gig sheets, flow charts, and panel charts shall be completed prior to the post dock meeting. The contractor shall review all documentation accomplished with the appropriate production superintendent and dedicated crew chief.

3.16 Propulsion Section. The contractor shall perform propulsion duties IAW AFI 21-101. The contractor shall actively participate as an F100-PW-220/-229 Repair Network Integration program repair node IAW AFI 20-117. The contractor shall have personnel available to provide technical guidance to flightline personnel in troubleshooting engine problems while the engine is installed in the aircraft. The contractor shall facilitate active duty propulsion technician OJT in accordance with the Propulsion CFETP for backshop functions & skills.

3.16.1 Jet Engine Intermediate Maintenance Section. The contractor shall perform repair, and inspections on propulsion systems and components, and support equipment IAW AFI 21-101. Engine preservation methods shall be accomplished based on the future use of the engine.

3.16.1.1 F119 Engines and Components. The contractor shall perform limited maintenance, repair, and inspections on engines and associated components, modules, and subassemblies. These limited tasks for the F119 engine are delineated in the IMIS TO.

3.16.1.2 Engine and Component Shipping and Receiving. The contractor shall prepare all engines and their respective components, accessories, modules and associated documentation for shipment through Government shipping channels for SRAN 4852. The contractor shall be responsible for pick up/delivery of whole engines to/from the Government transportation area as well as preparing all of the applicable shipping documentation to travel through Government modes of shipment. The 99 LRS shall deliver and pickup engine components and modules to the engine repair facility. The contractor shall ensure specialized and long life shipping devices and containers are accounted for and maintained in a serviceable condition IAW AFI 23-101 and TO 00-85-20, *Engine Shipping Instructions*.

3.16.1.3 Production Scheduling. The contractor shall coordinate and schedule with the AMUs at least weekly to agree upon a maintenance schedule for engine modules, components, accessories, test facilities and support equipment.

3.16.1.4 TF-34/F110 Storage. The contractor shall store up to two TF-34 engines, three F110 engines, and associated support equipment.

3.16.2 Module/Accessory Repair Section. The contractor shall repair, store and maintain fuel nozzles, fuel manifolds, oil pumps, accessory housings, afterburners, thrust reversers, augmentors, engine components, time change modules and shop replaceable units IAW 21-101.

3.16.3 Small Gas Turbine Engine Section. The contractor shall perform all maintenance, repair and inspections of small gas turbine engines, components and secondary power systems used in F-15 aircraft IAW AFI 21-101.

3.16.4 Engine Equipment Maintenance Section. Maintain, manage and store engine support and removal/installation/transportation equipment and trailers IAW 21-101.

3.16.5 Noise Suppression System and Engine Test Stands. The contractor shall transport off-aircraft engines to and from the engine test facilities to perform engine testing and evaluation. The contractor shall perform acceptance inspection test runs on new engines received from depot or other bases.

3.16.5.1 The contractor will be responsible for tracking and scheduling annual NDI inspections in MIS and maintaining AFTO Forms 244 for five aircraft high power run-up pad's anchor rings and one D-ring. There are three high power run-up pads afterburner capable on the north side of the Hush Houses. Each pad has two anchor rings with the middle pad having an additional D-ring. There are two A-10 aircraft 360 degree aircraft run-up pads that have an anchor ring and 360 degree swivel assemblies. The contractor will not be responsible for maintaining the pads in a foreign object free condition.

3.17 Maintenance Operations Center (MOC). The contractor shall maintain a 24-hour, 7-days per week, MOC IAW AFI 21-101. The contractor shall develop, manage, and modify all MOC emergency and normal functional checklists for use in coordination with applicable Government entities. The contractor shall coordinate information with other Maintenance Operations Centers/Deployed Units operating at NAFB in support of 'Flag' exercises, USAF Weapons School, and other specialized missions. The Aircraft Maintenance Squadron and AMU production superintendents shall set priorities for the production effort to meet mission requirements. The MOC shall monitor workload distribution between the AMUs and make recommendations to the production superintendent regarding sharing resources to enhance maintenance effectiveness.

3.17.1 Track and Report Aircraft. The contractor shall track/report aircraft status and the locations of each aircraft on station, assigned wing aircraft on deployment, and aircraft maintained or supported by the wing including transient aircraft, aircraft availability, assigned workcenter, aircraft maintenance status, supply status, aircraft Functional Check Flights (FCF), Operational Check Flights (OCF), status and ETIC of MEL designated AGE, if it falls below critical levels and Hangar Queen aircraft. The

contractor shall be responsible for assigning aircraft possession status codes. All aircraft status shall be updated in MIS. MaRS will be used in lieu of EMOC.

3.17.2 Develop Briefings. The contractor shall develop and present aircraft and equipment briefings to the 57 MXG/CC, 57 WG/CC, and other Government personnel designated by the 57 MXG/CC.

3.17.3 Status of Reporting and Training (SORTS). The contractor shall be required to compile SORTS data provided as directed for reporting to higher headquarters IAW AFI 10-201, *Force Readiness Reporting*.

3.17.4 Secure Voice. The contractor shall maintain a Government-furnished, secure voice telephone. The contractor shall use the system as directed by the Government IAW AFI 33-201 and other applicable regulations.

3.18 Engine Management Section. The contractor shall monitor engine removals and replacements, component tracking, engine TCTOs, TCIs, special inspections and engine records in the MIS and Comprehensive Engine Management System (CEMS) and perform engine manager duties for SRAN 4852 IAW AFI 21-101, TO 00-25-254-1, TO 00-25-254-2 and TO 2-1-18.

3.18.1 Comprehensive Engine Trending and Diagnostics System (CETADS)

Administrator: The contractor shall act as the CETADS administrator for the 57 WG. CETADS administration includes, but is not limited to; software installation and updates, providing CETADS technical assistance to AMUs as required and converting engine data downloads into a format that can be read into MIS/CEMS. The contractor shall install and update user CETADS systems IAW Commercial Manual NO. C002-C4AF, and AFI 21-101. The contractor shall ensure no data conflicts exist in the CETADS host system when engine diagnostic units are swapped on engines. The contractor shall ensure CETADS data is shipped with each engine shipped. When engines are received by the 57 WG, the contractor shall ensure the CETADS data, received with the engine is added to the 57 WG's CETADS database. The contractor shall provide CETADS data when requested by Government agencies with a valid need for the data.

3.18.2 Base Engine Manager. The contractor shall appoint Stock Record Account Number (SRAN) engine manager. SRAN engine management consists of maintaining and controlling the 57 WG engine account IAW AFI 21-101, AFMAN 20-116, *Propulsion Life Cycle Management for Aerial Vehicles*. AFI 20-115, *Propulsion Management for Aerial Vehicles*, and TO 00-25-254-1/-2. The contractor shall ensure all

transfer/acceptance engines are properly accounted for and tracked in CEMS and status reported to the appropriate agencies IAW TO 00-25-254-1.

3.18.3 Comprehensive Engine Management System (CEMS). The contractor shall manage the CEMS IAW AFI 21-101. The contractor shall contact the Propulsion Product Group Manager (PPGM) (OC-ALC/LR) to establish access to CEMS. The contractor shall ensure all engine data is properly documented and updated in CEMS. The contractor shall also conduct a quarterly engine inventory to ensure all 57 WG engine assets are accounted for. In addition, the contractor shall ensure the CEMS and MIS reflect the same data at all times. The contractor shall coordinate all engine configuration/shipment changes with ACC Command Engine Manager (CEM) to ensure proper command wide distribution of engine assets.

3.18.4 Engine Trending and Diagnostics (ET&D). The contractor shall appoint a ET&D monitor and administer the ET&D program IAW AFI 20-115, AFMAN 20-116, , T.O. 00-25-257, *Engine Health Management Plus (EHM PLUS) General Information User's Manual*, and NAFBI 21-152.

3.19 Plans, Scheduling, and Documentation (PS&D). The contractor shall perform all PS&D functions IAW 21-101. The contractor shall provide at least one full-time scheduler for each AMU within 57 MXG. The dedicated scheduler shall be located in each AMU building. The contractor shall identify and report potential flying and maintenance schedule conflicts which could hinder operations to the 57 MXG/CC. The contractor shall schedule and conduct aircraft document reviews as specified in AFI 21-101.

3.19.1 Time Compliance Technical Order (TCTO). The contractor shall perform overall management of the TCTO program IAW AFI 21-101. The contractor shall be responsible for scheduling, performing, and documenting all TCTOs and Time Compliance Technical Directives (TCTD) for aircraft and equipment mentioned in the scope of this PWS within the required completion period. The contractor shall conduct a quarterly reconciliation of engine TCTO status IAW TO 00-25-254-1, paragraph 8-4. Additionally, when a contractor's shop is involved in a TCTO, the contractor QC will report all deficiencies in technical instructions and kit-proofing to the appropriate TCTO manager IAW TOs 00-5-1 and 00-5-15, attend TCTO planning meetings and provide technical support to performing work centers.

3.19.2 Aircraft Configuration Management. The contractor shall ensure proper configuration management documentation of assigned aircraft IAW AFI 21-101.

3.19.3 Maintenance Scheduling Administration Tool (MSAT) Administration. The contractor shall act as the MSAT administrator for the 57 MXG IAW AFI 21-101. The contractor shall ensure MSAT tables are properly populated with aircraft, engines, and support equipment data to ensure an accurate and complete IMDS/CEMS table reconciliation can be accomplished. The contractor shall develop and maintain procedures to update manual products in the event that MSAT and the MIS are down for a significant amount of time.

3.19.4 Wing Aerospace Vehicle Distribution Officer (AVDO). The contractor shall designate the AVDO and perform the AVDO function IAW AFI 21-101 and AFI 21-103. The contractor shall maintain a current list of aircraft assigned to the 57 WG by aircraft tail and serial number and provide this list as part of the weekly and monthly flying schedule to the 57 WG/CC.

3.19.5 Acceptance and Transfer of Aircraft. The contractor shall coordinate and schedule with the appropriate agencies, aircraft acceptance and transfer times as well as required maintenance IAW AFI 21-101 and TO 00- 20-1. The contractor shall ensure all assignment change status MIS documentation for 57 WG aircraft is properly documented, tracked and coordinated with the appropriate agency IAW AFI 21-101.

3.19.6 Flying Hour Accounting. The contractor shall assist the OG Aerospace Vehicle Utilization Monitor (AVUM) in the tracking and reconciling of flying hours IAW AFI 21-101 and AFI 21-103, paragraph 2.28.1.

3.19.7 Aircraft Inventory Reporting. The contractor shall report assignment/possession changes of all 57 WG aircraft to the appropriate agency IAW AFI 21-101, AFI 21-103 and AFI 16-402, *Aerospace Vehicle Programming, Assignment, Distribution, Accounting, And Termination*.

3.19.8 Crash Yard Aircraft Management. The contractor shall be responsible for controlling access to the NAFB Crash Yard. The contractor shall coordinate with the applicable aircraft System Program Office to handle removal of “save” items and disposal of the aircraft in the event of a NAFB aircraft crash. The contractor shall follow the procedures outlined in AFI 23-101, AFI 21-103, and TO 1-1-638. The contractor shall assist in executing the disposition instructions of aircraft wreckage IAW AFI 21-103. The contractor shall not take any disposal actions or remove the aircraft from the inventory until appropriate authority authorizes the termination.

3.19.9 Depot Coordination. The contractor shall manage the Programmed Depot Maintenance (PDM) schedule IAW AFI 21-101. The contractor shall coordinate all

aircraft PDM changes with all affected agencies to include the ACC AVDO and depot master schedulers.

3.19.10 Build and Publish Wing Flying and Maintenance Plans. The contractor shall coordinate with the 57 WG and 53rd Wing operations and operations support squadrons to develop all flying and maintenance plans IAW 21-101. The contractor shall build the annual plan and build and publish the weekly, monthly, and quarterly flying and maintenance plans. The 57 WG Flying and Maintenance Plan consists of the First Look Requirements Plan, Annual Maintenance Plan, Quarterly Plan, Monthly Plan, and Weekly Plan.

3.19.11 FIRST LOOK Requirements Plan. The Contractor shall compile and present First Look packages annually IAW AFI 21-101. The contractor shall work with each operations scheduling section and any 57 MXG section necessary to compile the packages.

3.19.12 Group Shared Resources. The contractor shall schedule and coordinate the attendance of the Shared Resource meeting chaired by 57 MXG/CD. The contractor shall develop a schedule as a result of the meeting and publish the schedule to deconflict shared resources.

3.19.13 Job Standard Master Listing (JML). The contractor shall be responsible for the overall management of the 57 MXG JML program IAW AFI 21-101.

3.19.14 Aircraft Generation and Contingency Planning. The contractor shall be prepared to support Air Sovereignty Alert taskings on a 24/7 basis.

3.19.15 Develop/Publish Standardized Procedures. The contractor shall develop and publish standardized scheduling procedures, utilized by all scheduling representatives within the 57 WG. These procedures will be part of the contractor OIs required by PWS paragraph 2.3.2.

3.19.16 Time Change Items (TCI). The contractor shall be responsible for TCI management IAW AFI 21-101. The contractor shall identify, monitor, and forecast TC items. The contractor shall ensure all time changes are identified, timeline created in MIS and proper tracking and documentation is accomplished.

3.20 Maintenance Management Analysis Section. The contractor shall be responsible for performing maintenance management analysis services specified in AFI 21-101. The

contractor shall provide at least one full-time maintenance management analyst for each AMU within 57 MXG. The dedicated analyst shall be located in each AMU building.

3.20.1 Analysis. The contractor shall manage the Maintenance Information Systems (MIS). The contractor shall perform analyses to assess and improve effectiveness, and efficiency of unit resources, and logistical support processes.

3.20.2 Special Studies. The contractor shall perform special studies as requested. Upon completion of the investigation, the contractor shall document the findings and provide suggested corrective actions/recommendations to the requesting agency. The contractor shall maintain copies of all special studies conducted.

3.20.3 Deficiency Analysis. The contractor shall perform deficiency analysis for the 57 MXG to identify negative trends, maintenance practices, or occurrence of maintenance performance indicators. The contractor shall provide trend data, causal factors, and corrective recommendations to AMU leadership on a weekly basis.

3.20.4 Track/Monitor/Report Data. The contractor shall review maintenance debriefing data to track in-flight discrepancies and deviations on each aircraft and review aircraft status inputs from the MOC/Debrief for accuracy. The contractor shall closely monitor fix time on Code 3 breaks and report results to AMU supervision daily. The contractor shall compile data for the ACC 9302 Logistics Maintenance Performance Indicator Report and forward the report to HQ ACC IAW ACCI 21-118, *Logistics Maintenance Performance Indicator Reporting Procedures*.

3.20.5 Database Management. The contractor shall provide management control of the Integrated Maintenance Data System-Central Database (IMDS-CDB) IAW AFI 21-101. The contractor shall provide timely and responsive support to users requiring access to managed MIS. The IMDS Subsystems Managers shall provide IMDS subsystem training to the Government upon request.

3.20.6 Data Integrity. The contractor shall act as the OPR for 57 MXG Data Integrity Team (DIT), but is not responsible for correcting data errors that occurred by non-contractor personnel. The contractor shall perform a daily sampling of MIS documentation to ensure errors are being accurately corrected by the applicable work center DIT monitors. The contractor shall provide a weekly report of numbers of errors found, corrected, and not corrected to the 57 MXG.

3.21 Maintenance Training. The contractor shall operate the Maintenance Training function IAW AFI 21-101 and AFI 36-2650, *Maintenance Training*, for training of assigned

Government personnel within the 57 MXG, USAFADS, ACC AMIC OL, attached Reserve Components. The contractor shall conduct training classes listed in PWS Appendix B for a workforce of approximately 2,500 personnel. The contractor shall establish a feedback program to identify maintenance deficiencies and trends and be used to provide continuous, measurable training improvements.

3.21.1 Maintenance Instruction. The contractor shall maintain instructor qualifications as outlined in AFI36-2650 ACC Sup. The contractor shall instruct students with the latest Government approved training curriculum for Specialty Qualification Training (SQT), Maintenance Qualification Training (MQT), and Familiarization Training. All SQT shall be performed on the job site and shall integrate hands-on application and evaluation by students.

3.21.2 Developing Curriculum, Lesson Plans, and Tests. The contractor shall develop curriculum, lesson plans, and tests to meet new training requirements needed by the Government. All material shall be developed and routed for approval as directed. All curriculum, lesson plans, and tests shall be developed, maintained, and approved IAW Air Force Handbook 36-2235, Volumes 1-12, *Information for Designers of Instructional Systems*, AFMAN 36-2234, *Instructions Systems Development*, AFPAM 36-2211, *Guide for Management of Air Force Training Systems*, AFI 36-2650 and its applicable supplements; and shall be approved using the criteria of AFI 36-2650.

3.21.3 Modifying Curriculum, Lesson Plans, and Tests. The contractor shall continuously review training curriculum to ensure it is current and meets 57 WG requirements. The contractor shall modify existing curriculum, lesson plans, and tests as required to ensure personnel are being trained on the latest maintenance techniques. The contractor shall ensure curriculum, lesson plans, and instruction adequately prepare students to achieve lesson objectives.

3.21.4 Other Training. The contractor shall provide instruction in other ACC directed courses listed in AFI 36-2650 ACC Sup, the MIS Master Course List, and the Education, Training and Course Announcement (ETCA) web site <https://app10-eis.aetc.af.mil/etca/SitePages/Home.aspx> to 57 MXG personnel.

3.21.5 Familiarization Training. The contractor shall provide familiarization training to personnel on AGE use and Egress systems.

3.21.6 Scheduling. The contractor shall accomplish all scheduling actions IAW AFI 36-2650 for 57 MXG personnel. The contractor shall maintain scheduling files IAW AFI 36-2650 and its applicable supplements. The contractor shall be responsible for

scheduling and coordinating with Government personnel who own the training aides (e.g. aircraft) to ensure availability to provide the scheduled class. The contractor shall request training slots based on a 90-day projection, and perform scheduling actions with NAFB Field Training Detachment (FTD) for ACC Mandatory Course Listing classes or other courses for 57 MXG personnel.

3.21.7 Advertising. Contractor provided class schedules shall be advertised electronically no later than the 20th calendar day of the month and shall include all training requirements based on a minimum of a 90-day projection. The contractor shall allow units a minimum of 30 days prior to the class start date to submit individuals for training. The contractor shall update IMDS with the class roster slots and if allowable, course codes.

3.21.8 Coordinate Off-Base Courses. The contractor shall coordinate for field training detachment classes not taught at Nellis but are needed for Government personnel to complete the 57 MXG mission. Also, the contractor shall coordinate with Mission Readiness Training Center (MRTC) at Hill AFB for ACC-mandated courses. The contractor shall coordinate TDY school worksheets 982 TRG at Sheppard AFB for schools requests.

3.21.9 Provides Testing Services. The contractor shall use [Aircraft Maintenance Testing Enterprise System \(AMTES,\)](https://www.amtes.amc.af.mil/amcenterprise/core/AMTES.aspx) to administer student testing at <https://www.amtes.amc.af.mil/amcenterprise/core/AMTES.aspx>.

3.21.10 Student Testing. The contractor shall follow AFI 36-2650 ACC Sup to develop, administer, score, and secure controlled tests and testing material. Upon completion of a testing event, the contractor shall notify student of test results and update MIS. Supervisors shall be notified of a student's failure within one duty day.

3.21.11 Testing Analysis. The contractor shall use the guidance in AFI 36-2650ACC Sup for test analysis. The contractor shall review the reports from the AMTES software to identify test questions frequently missed and determine probable root causes. For frequently missed questions, the contractor shall modify materials to eliminate the probable cause.

3.21.12 Manage Upgrade Training Requirements. The contractor shall serve as a training manager and oversee an upgrade training program IAW AFI 36-2651. *Air Force Training Program*, for military members assigned to the 57 MXG who are eligible for upgrade to the 5- and 7-skill levels. The contractor shall provide at least one person to work full time in the 57th and 757th Aircraft Maintenance Squadrons (AMXS) and the

57th Munitions Squadron (MUNS). These people shall physically work in the AMXS and MUNS buildings and work directly with the squadron staffs in the performance of these duties. Contractor shall monitor Maintenance Officer Training Program (MOTP).

3.21.13 Report Training Information. The contractor shall ensure unit commanders are informed of any student failures, training slots not used and student no-shows. Information or training status shall be provided to the 57 MXG/CC monthly or upon request from the Government employee's supervisor or commander. The contractor shall attend and present the Status of Training report to the 57 MXG/CC monthly and the 57 WG/CC quarterly. The contractor shall complete the ACC/A4PMT data spreadsheet quarterly by the 15th of each month and upon ACC/A4PNT request. The Status of Training report shall be compiled IAW AFI 36-2650 and its applicable supplements.

3.21.14 Tracking Training Requirements. The contractor shall utilize MIS and Advanced Distributed Learning System (ADLS) to track currency of qualification (technical) and ancillary training requirements. The contractor shall run a weekly training requirements report (TMAAA from MIS) that will be provided to supervisors showing upcoming training.

3.21.15 Special Certification Roster. The contractor shall update the SCR for Government employees in 57 MXG and NAFB FTD as identified by supervisors IAW AFI 21-101 and AFI 36-2650 and its applicable supplements. The contractor shall run the SCR semi-annually for review by the unit chain of command.

3.21.16 In-Processing and Out-Processing. The contractor shall perform training-related in- processing and out-processing actions for 57 MXG personnel as specified in AFI 36-2651.

3.21.17 Initial Skills Training. The Contractor shall develop and execute an initial skills training for F-15, F-16 and F-22 APG and Avionics 3-level technicians. Airframe support and specific technical advice will be provided by 57 MXG.

3.22 Crash Damaged or Disabled Aircraft Recovery. The contractor shall manage the Crash Damaged Disabled Aircraft Recovery (CDDAR) program and respond to all In-Flight Emergencies (IFEs), ground emergencies, and aircraft mishaps to include transient aircraft IAW AFI 21-101. The contractor shall be responsible for recovery and processing of military aircraft crashes when NAFB is the closest installation with these capabilities. Processing consists of transporting the aircraft to a location designated by the Safety/Accident Investigation Board as well as transporting the aircraft to the crash yard.

Contractor shall provide assistance to Government personnel for jettisoned alternate mission equipment recovery.

3.22.1 Emergency Response. The contractor shall respond to all in-flight and ground emergencies (IFE/GE). All IFE/GE response actions shall be done IAW AFI 21-101, NAFB Plan 6, Tab A & B to Appendix 2 to Annex D and NAFB Plan 10-2. The contractor shall be responsible to safe the aircraft for transport and clear disabled aircraft from the runway/taxiway, to include safing armament systems in coordination with AMU personnel. A minimum of 2 specially configured general purpose vehicles are required to support this function.

3.22.2 Spill Response. The contractor shall conduct spill cleanup operations on the runway or active taxiway which could impede flying operations in conjunction with the 99 CES Fire Department IAW NAFB Plan 19-1.

3.23 Red Ball Support. The contractor shall implement Red Ball support IAW AFI 21-101. The contractor shall ensure personnel are available to respond to any Red Ball support requested by the AMU.

3.24 Tail Number Bins (TNB)/Facilitate Other Maintenance (FOM). The contractor shall manage TNB/FOM IAW AFI 21-101.

3.25 Cannibalization (CANN). The Contractor shall manage CANN actions IAW AFI 21-101.

3.26 Bench Check and Repair. Support maintenance requirements to bench check and repair parts IAW AFI 21-101.

3.27 Cannot Duplicate (CND) Discrepancies. The contractor shall manage CNDs IAW 21-101.

3.28 Bad Actor Program. The contractor shall participate in and enforce the Bad Actor Program IAW AFI 21-101 and TO 00-35D-54.

3.29 Additional Maintenance Requirements and Programs. Contractor shall manage additional Maintenance Requirements and Programs IAW AFI 21-101.

4.0 LOGISTICS MANAGEMENT

4.1 Logistics Management. The contractor shall provide and manage an efficient and cost effective logistics system that includes all materiel management, property control, and vehicle and transportation functions necessary. The contractor shall perform supply functions IAW AFI 21-101 excluding the following paragraphs: Maintenance Supply Liaison Section, Decentralized Supply Support (except Supply Discipline), Readiness Spares Package (RSP) Review, Consumable Readiness Spares Package, Intermediate Repair Enhancement Program, and Destruction of TOP SECRET Material.

4.2 Senior Logistics Manager. The contractor shall appoint a Senior Logistics Manager (SLM) and Assistant Logistics Manager. The SLM shall ensure overall health of property and logistics functions in support of AMU and Backshop maintenance operations. SLM shall manage supply functions IAW AFI 23-101 and AFMAN 23-122. In addition, the SLM will conduct analysis to measure performance of Property Management, Mission Impaired Capability Awaiting Parts, Due-In-From-Maintenance, Awaiting Parts, and Bench Stock processes identifying overall program assessment, problem statement, root cause analysis, corrective action and methodology to prevent reoccurrence.

4.3 Materiel Management. Protect Government property AFI 23-101, chap 1, sect 2, para 1.2.2.10 and 1.2.3.1.1 and AFI 23-111. Provide Maintenance Supply Support IAW AFI 21-101, Chapter 9, Paragraphs 9.4, 9.6, 9.8, 9.10-9.20, 9.21-9.23 and 9.26-9.27. The contractor shall utilize the latest approved Materiel Management System.

4.3.1 Receipt for Property. Designate by letter, individuals authorized to receipt for property IAW AFI 23-101, Chapter 3, Section 3C, Paragraph 3.3. Perform Organizational Refusal actions IAW AFI 23-101, Chapter 5, Section 5C, Paragraph 5.3.5.1.8 and Section 5E Paragraph 5.5.7.7 and AFMAN 23-122, Chapter 5, Section 5C, Paragraph 5.3.10.

4.3.2 Demand Processing. Order parts, research/clear rejects and appoint by letters, a reject monitor, delinquent document monitor and post-post control team member IAW AFI 21-101, Chapter 3, Paragraph 3.12, Chapter 9, Paragraph 9.4, AFI 23-101, Chapter 5, Section 5B, Paragraph 5.2.1.4 and 5.2.1.5.

4.3.3 Mission Capable (MICAP). Process MICAP requirements IAW CAFI 21-101, Chapter 9, Paragraph 9.6, AFI 23-101, Chapter 5, Section 5B, Paragraph 5.2.3 and AFMAN 23-122, Chapter 5, Section 5B, Paragraph 5.2.4 and CAFI 23-251, Chapter 2, Paragraph 2.3.

4.3.4 Bench Stock, Shop Stock, Operating Stock, and Work Order Residue.

Manage stock system for consumable material IAW AFI 21-101, Chapter 9, Paragraphs 9.8, 9.10-9.12 and , AFI 23-101, Chapter 5, Section 5C, Paragraph 5.3.7.2 and 5.3.7.3, and AFMAN 23-122 Chapter 5, Section 5C, Paragraph 5.3.12.4.2.

4.3.5 Equipment Management. Manage equipment items IAW AFI 23-101, chap 5, sect 5D and AFI 21-101, Chapter 9, Paragraph 9.15.

4.3.6 Special Purpose Recoverables Authorized Maintenance (SPRAM). Manage SPRAM assets IAW AFI 21-101, Chapter 9, Paragraph 9.16.

4.3.6.1 Establish procedures to control, store and manage Alternate Mission Equipment (AME), Maintenance Safety Protective Equipment (MSPE) and Dash-21 Equipment IAW AFI 21-103, Chapter 9.

4.3.7 Functional Check, Calibration, and Operational Flight Programming.

Identify supply assets requiring functional check, calibration or operational flight programming IAW AFI 21-101, Chapter 9, Paragraphs 9.17.

4.3.8 Time Change Items (TCI) and Time Compliance Technical Order (TCTO) Kits. Manage and control all TCI requirements and TCTO kits IAW AFI 21-101, Chapter 9, Paragraph 9.18.

4.3.9 Supply Point and Buildup Items. Manage supply point and buildup items IAW AFI 21-101, Chapter 9, Paragraphs 9.19, 9.26, AFI 23-101, Chapter 5, Section 5C, Paragraph 5.3.4.4 and AFMAN 23-122, Chapter 5, Section 5C, Paragraph 5.3.7.

4.3.10 Awaiting Parts (AWP) Assets. Control AWP assets and perform cross-cannibalization (cross-CANN) IAW AFI 21-101, Chapter 11, Paragraphs 11.13, CAFI 21-101, Chapter 4, Section 4C, Paragraph 4.3.5.1.3 and AFMAN 23-122, Chapter 4, Section 4C, Paragraph 4.3.6, and CAFI 23-251, Chapter 1, Paragraph 1.6.

4.3.11 Repair Cycle Assets. Track items Due-In From Maintenance (DIFM) IAW AFI 21-101, Chapter 3, Paragraph 3.12, Chapter 9, Paragraph 9.21, AFI 23-101, Chapter 4, Section 4C Paragraph 4.3.1.4- 4.3.4, and AFMAN 23-122, Chapter 4, Section 4C, Paragraph 4.3.2- 4.3.5.2.6.

4.3.12 Maintenance Turn-Around (TRN). Utilize TRN procedures for all items repaired and replaced IAW AFI 21-101, Chapter 9, Paragraph 9.25 and AFMAN 23-122, Chapter 4, Section 4C, Paragraph 4.3.5.

4.3.13 Returns/Turn-In (TIN) to Supply. Prepare materiel and documentation for TIN processing IAW AFI 23-101, Chapter 6, Section 6B. Turn-in Found on Base (FOB) assets IAW AFMAN 23-122, Chapter 6, Section 6B, Paragraph 6.2.2.5.

4.3.14 Reusable Containers. Establish a reusable container storage area IAW AFI 21-101, Chapter 3, Paragraph 3.12.5, Chapter 11, Paragraph 11.32. Comply with the base reusable container program manager IAWAFI 24-203, Chapter 9.

4.3.15 Management Reports and Listings. Reconcile Document Validation Report (DVR) IAW AFI 21-101, Chapter 9, Paragraph 9.5.3.

4.3.15.1 Monitor reports and listings IAW AFH 23-123 Volume 2, Part 2, Chapter 5, Section 5A- 5F (Annual Reports and Listings)

4.3.15.2 Process utility reports via Discoverer® reports viewer.

4.3.16 Customer Backorders. Track and monitor all backordered requisitions IAW AFMAN 23-122, chapter 5, section 5B, paragraph 5.2.12. Request supply assistance IAW AFMAN 23-122, Chapter 5, Section 5B, Paragraph 5.2.8.3.5 and 5.2.8.3.5.1.

4.3.17 Materiel Handling and Storage. Safely handle and store materiel IAW AFJMAN 23-210, *Joint Service Manual (Jsm) For Storage And Materials Handling*, Chapter 5, Section V-VIII, Chapter 6 and AFI 23-101, Chapter 5, Section 5C Paragraph 5.3- 5.3.4.5

4.3.17.1 Safeguard Controlled Item Coded (CIC) items IAW AFI 23-101, Chapter 10, Section 10B Paragraph 10.2- 10.2.9.4

4.3.17.2 Ensure Electrostatic Sensitive Devices (ESD) / Electronic Discharge Items are packaged, handled and stored IAW TO 00-25-234, Section 7.

4.3.17.3 Package, handle and store shelf life and elastomeric material IAW AFI 21-101, Chapter 9, Paragraph 9.14, AFI 23-101, Chapter 5, Section 5C, Paragraph 5.3.3.4.2 and AFMAN 23-122, Chapter 5, Section 5C, Paragraph 5.3.3.7. Utilize “first in, first out (FIFO)” procedures for stock rotation.

4.3.17.4 Establish a precious metals recovery strategy. Comply with the base Precious Metals Recovery Program (PRMP) Manager IAW AFI 23-101, Chapter 6, Section 6C, Paragraph 6.3.3.

4.4 Life Cycle Management of GFP. The contractor shall manage the equipment and repair all equipment not designated as Government-furnished repair (aircraft paint booth insert, external fuel tank vertical storage system). Manage all Government Furnished Property, Contractor Acquired Property, IT hardware, communications devices, Land Mobile Radios and property incidental to the performance of this contract using a life cycle approach; life cycle system shall reflect all identifying characteristics of the asset. Listing shall be maintained in a real-time state current to 24-hours and used to program all replacement assets and budget preparation. Review and recommend replacement for each item reaching the end of its life cycle within a 5 year window. Equipment replacements shall be requested through the PM.

4.4.1 Property Control Administration. Develop a Property Control Plan IAW CDRL C009.

4.4.2 Property Records. Provide and operate a property control system IAW FAR 52.245-1. If circumstances dictate a government inventory system is not used, provide Government-accessible database with the following fields, at a minimum:

- Nomenclature, and National Stock Number (NSN)
- Serial Number
- Quantity received (or fabricated), issued, and balance-on-hand
- Unit acquisition price and unit of measure
- Contract number or equivalent code designation
- Location
- Disposition
- Posting reference and date of transaction
- Property Classification (consumable, equipment or repairable)
- Time/date group of most recent update to item
- Projected replacement date (FY)
- Projected replacement cost

4.4.3 Property Disposition Procedures. Implement property disposal procedures IAW FAR Part 52.245-1 with the exception of MMS managed items. Report excess and unserviceable property to the PM and AMIC/PLG immediately for disposition instructions. Turn in items assigned a National Stock Number (NSN) to Base Supply using procedures outlined in AFMAN 23-122. Dispose of non-stock listed items IAW FAR 52.245-1.

4.4.4 Discrepancy Reports. Prepare and submit shipment discrepancy reports IAW FAR Parts 52.245-1. The MMS managed items shall be reported IAW AFI 23-101, chap 5, sect 5I, para 5.9.9.5.

4.4.5 Deficiency Reports (DR). Process, manage and submit deficiency reports IAW AFI 21-101, Chapter 9, Paragraph 9.27, AFI 23-101, chap 4, sect 4C, para 4.3.4 and AFMAN 23-122, chap 6, sect 6B, para 6.2.2- 6.2.2.2.5 and TO 00-35D-54. Comply with Government disposition instruction for Material/Quality Deficiency Report exhibits.

4.4.6 Inventory. Perform a complete physical inventory during contract transition of all GFE and annually IAW FAR Part 52.245. Contractor shall submit the inventory IAW CDRL B002 using a Government-provided template to meet Financial Improvement and Audit Readiness guidelines. Inventory losses and gains shall be identified and explained on an inventory adjustment document. Review and update the inventory list as changes occur. Submit a CDRL B002 to report loss, damage, destruction, or theft of Government property IAW requirements in FAR 52.245-1.

4.4.7 Labeling. Contractor's forms which indicate serviceable condition shall be yellow.

4.4.7.1 Affix an Equipment Serial Number (ESN) to all nonexpendable property, control the property by the assigned ESN, perform equipment custodial responsibilities and maintain auditable equipment authorization and in-use data records IAW FAR Part 52.245-1. These records shall become the property of the Government and shall be made available upon request.

4.4.7.2 Utilize the Item Unique Identification (IUID) Registry, located at <http://www.dodprocurementtoolbox.com/page/gfp/resources> to manage GFP valued at or more than \$5,000 (Government acquisition cost) and those items listed in Attachment 1 as Low-Valued Property (LVP) less than \$5,000. Affix tags/labels IAW MIL-STD-129P and MIL-STD-130M. Any deviations shall require PM approval.

4.4.7.3 Assign a Virtual UII for Legacy GFP currently in use or in stock IAW the Virtual UII Guide.

4.4.7.4 Ensure newly purchased equipment and reparables meet the UID requirement IAW DFARS clause 252.211-7003.

4.4.7.5 Include manufacturer name, trademark or manufacturer code (from Cataloging Handbook H4-1 or H4-2, FEDLOG or industry standard), identifying number, and serial number, when applicable, in the identification marking.

5.0 MISSION SUPPORT

5.1 Contractor Program Security Officer (CPSO). The Contractor shall provide CPSOs to manage SAP/SAR security management for the 57 MXG. CPSOs will manage physical security and PERSEC programs in coordination with the 57 WG Advanced Programs Office. The Contractor shall provide 2 CPSO personnel each for the 57 AMXS, 57 MUNS and 757 AMXS. Personnel will be located in each Squadron.

5.2 Unit Deployment Manager Function. The contractor shall perform Unit Deployment Manager duties for the MXG and each squadron within the MXG as prescribed within AFI 10-403, *Deployment Planning And Execution*, and below. This function requires access to classified Secret material. The UDM shall:

5.2.1 Prepare and process individuals for deployments/re-deployments to/from combat zones, exercises and other locations based on US Government, DOD, AF, COCOM and any other applicable guidance.

5.2.2 Coordinate and schedule required pre-departure training with the deploying personnel, their supervisor and DOS.

5.2.3 Build and maintain individual mobility folders for all unit personnel.

5.2.4 Assist in procuring deployment equipment specified by organizations or primary and alternate squadron security managers, maintain this equipment and distribute individual equipment for deploying personnel utilizing current host base and AFI guidance

5.2.5 Prepare and submit annual financial requirements for budgetary purposes.

5.2.6 Manage deployment reporting in the Air Expeditionary Force Reporting Tool (ART) including Unit Type Code posturing and individual status updates IAW AFI 10-244, *Reporting Status Of Air And Space Expeditionary Forces*.

5.2.7 Manage SORTS and DRRS reporting tools for proper unit posturing (as desired/required) IAW AFI 10-201.

5.2.8 Utilize LOGMOD and Excel to track pre-deployment/post-deployment mobility, logistics, security, ancillary training, medical, and dental requirements. Prepare status reports showing individual, unit, and group readiness for deployment.

5.2.9 Act as Unit Health Monitor IAW AFI 44-170, *Preventive Health Assessment*.

5.2.10 Interface with unit schedulers to ensure individuals complete requirements in a timely manner.

5.2.11 Track, comply with and report individual and unit deployment statistics.

5.2.12 Interface with Government-designated Commercial Travel Office (CTO), Air Mobility Command liaison officers and unit/group/wing resource advisors to arrange and/or de-conflict deployment/re-deployment travel.

5.2.13 Provide weekly updates to squadron/group/wing leadership containing the duty status and location of deployed personnel to facilitate tracking of duty status and performance report/decoration accomplishment.

5.2.14 Interface with Combat Arms Training and Maintenance (CATM) and mobility support agencies at Installation level to facilitate the scheduling and accomplishment of pre-deployment ancillary training events.

5.2.15 Coordinate with wing, base and higher headquarters offices on deployment issues IAW DOD Foreign Clearance Guide, AFI 10-244, AFI 10-403, AFI 33-332, *Air Force Privacy And Civil Liberties Program*, associated CENTAF/ACC/Installation supplements and locally-developed guidance.

5.2.16 Create monthly reports outlining mobility status of all unit members and the preparation level/status versus total requirements of those tasked to deploy.

5.3 Computer Systems Administration (CSA). The contractor shall perform duties as described below for all 57 MXG and contractor organizations. Each AMU, 57 MXG Server Room, Maintenance contractor activity and the Munitions Storage Area shall have dedicated on-site response and support (with respect to the size of the organization's inventory) to ensure there are no work stoppages (0700-2400) affecting the day-to-day mission accomplishment of each individual organization. The Contractor shall track and report trouble ticket response times IAW CDRL B005.

5.3.1 Information Technology Hardware Asset Management (ITHAM). Administer, maintain, and use computer systems as developed and/or provided by the Government. Equipment. Appoint, in writing, a primary and alternate Information Technology Equipment Custodian (ITEC) responsible for IT HW management. Permit complete

access to all Government IT HW/SW used to perform this contract to anyone designated by the PM. Hardware and software shall be maintained IAW AFMAN 17-1203, *Information Technology (IT) Asset Management (ITAM)*.

5.3.2 Maintenance of IT Equipment. Perform HW/SW maintenance of IT equipment, to include preventive maintenance. Coordinate IT HW upgrades, replacements, or augmentation through the 99 CS Equipment Control Officer (ECO) as necessary to ensure successful PWS fulfillment, contract compliance, and efficient/effective program execution. Turn in replaced or inoperable IT equipment in a timely manner IAW AFMAN 17-1203. Coordinate the procurement and installation of SW revisions, upgrades, and corrections with the host base Software License Manager (SLM). All HW/SW procurements shall be compatible with existing Government systems. The Contractor shall not modify or delete any Government files/programs without the approval of the host base BSLM.

5.3.3 Functional System Administrator Support. Perform FSA responsibilities as outlined in AFGM 2018-17-01 and associated local base guidances. Perform client-level IT level 1 support functions IAW DOD 8570.01-M. Manage client hardware and software. Perform client configuration, management and troubleshooting. Ensure all 57 MXG electronic devices requiring TO updates are performed IAW TO 00-5-1. Remove and replace components and peripherals to restore system operation. Install and configure software operating systems and applications. Provide service to end-users for operation, restoration and configuration of information systems. Report security incidents and execute corrective security procedures, assign and/or modify user privileges and passwords IAW AFGM 2018-17-01.

5.3.3.1 Information System Access. Ensure all personnel complete the IA Cyber Awareness CBT prior to gaining access to “.mil” or “smil” (secure.mil) domains IAW AFMAN 33-152 and AFGM 2018-17-01ds. The CBT is located within the AF Portal <https://www.my.af.mil/faf/FAF/fafHome.jsp> or DISA site <http://iatraining.disa.mil/eta/cyberchallenge/launchpage.htm>. Additional user training may be developed locally to reflect local needs and concerns

5.3.3.2 Systems Administration. Troubleshoot, repair and administer connections and network equipment under the maintenance control of the contractor IAW AFGM 2018-17-02, commercial manuals, DoD standards and good maintenance practices

5.3.3.3 Compliance. The contractor shall comply with DoD and USAF computer/network security protocols and advise the appropriate Government

Information Systems Security Officer (ISSO) whenever unauthorized hardware/software is detected on supported equipment IAW AFI 17-130.

5.3.3.4 Desktop/Laptop Computer Management. Manage all desktop and laptop computer systems and peripherals IAW AFMAN 17-1203. Follow base-supplied configuration control guidelines of desktop HW/SW. Appoint in writing qualified and certified FSAs and Information Assurance Officer (IAO) who is responsible for installing computer SW and security updates on Contractor-controlled computers. IAO and FSAs must maintain certification IAW DOD 8570.01 IAT Level I.

5.3.4 Software. The contractor shall provide commercial software on a cost-reimbursable basis, as authorized by the Government. Requests for commercial software shall be approved by the PM prior to purchase. Software paid for by the Government shall be considered government property. Manage all COTS and AF-unique software acquired by the AF IAW AFMAN 17-1203, Chapter 1. Appoint, in writing, a primary and alternate SLM responsible for maintaining application/operating system SW library. Commercial SW to be used on the AF network systems shall be provided on a cost-reimbursable basis as authorized by the Government. Requests for commercial SW shall be routed through the PM and approved by the 99 CS SLM prior to purchase. SW paid for by the Government shall be considered Government property. Manage all Commercial-Off-The-Shelf (COTS) and AF-unique SW acquired by the AF IAW AFMAN 17-203. All data contained within automated information systems pertaining to contract performance shall be made available in a non-proprietary format upon contract termination or Government request.

5.3.5 Information Assurance Management. Coordinate all IA actions through the 99 CS. The contractor Information Assurance Manager (IAM) will implement appropriate controls and policies for transmission of information via the internet IAW AFI 17-130 and AFSSI 8520.

5.3.6 IT Systems Security Plan. Develop a comprehensive security plan for IT systems security as per Appendix III to OMB Circular A-130. The Contractor shall submit the plan IAW CDRL C010. As a minimum this plan shall address the fraud, abuse, misuse, sabotage, espionage etc. of the IT systems. The plan shall include implementation procedures to include training/education of users and supervisors and address Communications Security (COMSEC) and Operations Security (OPSEC) practices and procedures. .

5.3.7 Electronic Mail Policy. Adhere to Electronic Mail policy IAW AFI 17-130.

5.3.8 Technical Assistance. Provide technical assistance to outside agencies to facilitate service, when requested. This includes, but is not limited to the following agencies: Transient Alert, Advanced Maintenance and Munitions Operations School, POL, USAFDS, FTD, RED FLAG, GREEN FLAG, and TDY units.

5.3.9 Software Development. The contractor shall:

5.3.9.1 Perform and document explicit and implicit functional and technical requirements, create analysis and design documentation, create program specifications, and unit test criteria, code and test program units, and produce program documentation.

5.3.9.2 Use applicable structured software development and object-oriented principles and tool suites and adhere to established software development standards and guidelines as prescribed by Capability Maturity Model (CMM), Capability Maturity Model Integration (CMMI), Institute of Electrical and Electronics Engineers (IEEE), and International Organization for Standardization (ISO).

5.3.9.3 Develop, test and integrate software utilizing CMMI practices, processes and services.

5.3.9.4 Follow applicable 57 MXG Configuration and Change Management policies developed in accordance with CMMI, IEEE and ISO; including source code management utilizing the 57 MXG standard software repositories. This includes working with limited direction on complex assignments; the contractor is typically responsible for independently defining approach to tasks and solutions to problems.

5.3.9.5 Perform in accordance with DOD, Air Force, and AFMC architectures, policies and standards, including the Global Combat Support Systems (GCSS) architecture.

5.3.9.6 Perform in accordance with integrating Hypertext Markup Language (HTML and/or HTML5), Cascading Style Sheets (CSS and/or CSS3), Extensible Markup Language (XML), Ajax, C #, Visual Basic code, Entity, Model View Controller (MVC), JSON, SQL Server Reporting Services, IIS, Bootstrap, Backbone, Web Service, REST Services, SSIS, Angular JS, and Structured Query Language (SQL and/or T-SQL) within the Microsoft.NET environment.

5.3.9.7 The Contractor shall ensure that the addition of software developed under this PWS does not compromise the security posture of the JEM software. Any Category 1

and Category 2 findings shall be considered a compromise of the security posture of the JEM software. Category definitions shall be governed by DoDI 8510.01, DoD Information Assurance Certification and Accreditation Process (DIACAP).

5.3.9.8 The Contractor shall maintain the following databases. MaRS, MXG Web (migrating to MXG Portal), eTool Sync Tracker, CSA Help Desk, TCMax Dashboard, Weapons Incident Reporting Tool (WIRT), Critical Equipment, organization specific login scripts, and TCMax databases.

5.3.10 Server and Applications Support/Maintenance. The Contractor shall perform Server Admin responsibilities as outlined in AFGM 2018-17-01 and associated local base guidance. Perform client-level IT level 2 support functions IAW DOD 8570.01-M. The Contractor shall provide service to operate, manage, and maintain all assigned servers on SIPRNET/NIPRNET and JWICS at the site IAW AFMAN 17-1301, *Computer Security (COMPUSEC)*, AFMAN 17-1203. All assigned servers must adhere to AFI 17-130 for network and security guidance.

5.4 Facility Management.

5.4.1 57 WG Facility Management Coordinator. The contractor will act as the 57 WG Facility Management Coordinator acting as the 57 WG liaison to the 99 CES, maintaining Facility Manager responsibilities for over 1,000 facilities. The contractor will monitor/coordinate on all roles defined by the 99 CES Facility Manager Handbook in relation to MILCON, projected construction, current construction, and F-35 facility/beddown projects that impact the 57 WG. The contractor will: inventory/inspect 57 WG occupied facilities for discrepancies, usage, and space utilization; coordinate and report to the 99 CES Real Property section for moves and usage; review and report all Real Property updates to the 99 CES Real Property section; validate 57 WG priorities with 99 CES in preparation of the Integrated Priority Listing (IPL); assist in developing the 57 MXG 10 year facility plan; update 57 MXG facility project report; maintain, track and report aircraft Sun Shade status to HQ ACC; coordinate facility design meetings/charrettes; coordinate waivers for airfield clearance (flightline/airfield construction impacts); coordinate with 99 CES; work with 99 CES develop, plan and maintain 57 WG Area Development Map; facilitate safety hazard abatement; coordinate/notify 57 WG facility users of outages, road closures, etc.; coordinate service contract requirement; review contract Statement of Work (SOW) and PWS; coordinate escorts for contractor base/flightline access; and attend annual NAFB Installation 25 year vision plan. The contractor shall assist 57 WG facility managers in the review, submittal, and tracking of AF Form 332's (work order request), Direct Service Work orders (DSW), and COMM work orders (via Work Order Management System or WOMS) created by

the facility managers. The contractor will also work closely with 57 WG facility managers and 99 CES in the creation of DD Form 1391s and DD Form 1354s. The Contractor shall report work orders submitted, work orders reconciled and work orders outstanding IAW CDRL B005.

5.4.2 Facility Managers. Appoint facility managers for each facility the contractor is the primary occupant in Attachment 1. The Facility Manager shall acquire training from the 99 CES Customer Service within 30 days of appointment and shall be responsible to submit service calls and work requests (ex. AF Form 332 Base Civil Engineer (BCE) Work Request) for routine facility maintenance IAW host base procedures. Provide copies of the AF Form 332 to the 57 WG Facility Management Coordinator. Develop and maintain a facility folder for each facility which shall include, as a minimum, a listing of all 332 work requests and work orders that were submitted. The listing shall include, as a minimum, the work request control number or job order number, date submitted, description of work and date completed. In facilities where the contractor is not the primary occupant, notify the government Facility Manager of all facility matters. Additionally, the contractor shall be responsible for escorting/monitoring all facilities maintenance/upkeep workers (government or government contractor) in contractor primary occupant facilities and areas.

5.5 Facilities, Work Spaces and Custodial Services. Maintain Contractor-occupied Government furnished facilities, work spaces and other assigned areas in clean, safe, and sanitary condition IAW prescribed standards and/or host base policy. The Contractor facilities, aircraft hangars and work spaces shall present a professional image at all times

5.5.1 The contractor shall perform all external facility upkeep IAW NAFBI 32-1001 (30 Apr 99) and the 99 CES Facility Manager's Handbook. The contractor shall be responsible for custodial/house-keeping at the Air Force Level 2 for the facilities listed in Attachment 1. Air Force Level 2 requirements are also identified in Appendix K Workload Data. Further, the contractor shall be responsible for acquiring (Government cost reimbursable) all materials and supplies required to accomplish this effort, and they shall ensure these items meet industrial safety and hygiene standards.

5.6 Deployment Liaison (DL). The contractor shall perform duties as the liaison between in-coming TDY Units not participating in local Flag or Neptune exercises and the host units. DL shall work with inbound deploying units to develop a support plan prior to arrival by assessing the deployed unit's support need and coordinating host base support. Coordinate equipment, vehicles, work stations in the maintenance operations center (MOC), logistics resources, AGE, communication requirements, aircraft parking, hangar space, equipment storage and workspace. Inform units of equipment and services that are not available or in

short supply at Nellis. When adequate resources or facilities are not available to support TDY units, the contractor shall coordinate with the Government for additional resources or to communicate the inability to support a unit. Provide assistance and conduct familiarization briefings for deployed units on local procedures and instructions, flight line driving, airfield orientation, assigned aircraft parking locations, assigned maintenance facilities, Quality Assurance programs, MOC procedures and storage and dispose of hazardous material. Plan and coordinate aircraft parking to ensure ordinance loading is performed in approved locations IAW 57th Wing (57 WG) Weapons Safety guidance. Mark deploying aircraft parking to ensure adequate parking and taxi clearance IAW AFI 11-218, AFMAN 32-1084, UFC 3-260-01, and local instructions and waivers. The contractor will use the 57 OSS/OSAA developed Parking Plan and Nellis Support Center Prior Permission Required (NSC PPR) sheets to verify approved parking locations prior to deploying unit's aircraft arrival.

6.0 QUALITY

6.1 Registration Requirement. The Contractor and work performance sites shall be registered and certified to the most current version of the AS9110 QMS standard. The work performance site shall be certified not later than 12 months after full performance start. Where any requirement of the AS9110 standard cannot be applied, the requirement can be considered for exclusion. Such exclusions cannot affect the organization's ability, or responsibility, to provide product that meets customer and applicable regulatory requirements. Provide complete justification for any exclusion to the standard.

6.2 Contractor Quality Manager. The Contractor Quality Manager shall be certified as an AS9110 Lead Auditor and shall maintain the certification through the life of the contract.

6.3 Quality Management System. The Contractor and any subcontractors providing services shall develop, document, implement and maintain provide a comprehensive QMS that demonstrates a systems approach for managing quality, safety and compliance with contractual requirements. The QMS shall address both aircraft maintenance and non-aircraft maintenance services and shall ensure compliance with all AS9110 and PWS requirements. The Contractor shall submit a Quality Manual IAW CDRL C011 that describes the QMS used to conduct operations and meets requirements of AS9110. The Contractor shall submit a Quality Plan IAW CDRL C012 that addresses Quality Assurance requirements and describes processes for performing internal audits and quality assurance evaluations required by AFI 21-101 and AS9110. Submit a Monthly Audit schedule detailing assessments, inspections and audits planned for the upcoming month IAW CDRL B003. The Contractor shall submit a Quality Summary IAW CDRL B004 that contains as a minimum: inspection data and traceability to contract requirements; inspection data and traceability to contract requirements; discrepancies identified during inspections and results of discrepancy root cause investigations; visual information, graphs and narratives; favorable and unfavorable quality trends and metrics identified through inspections, evaluations and analysis; discussion of common problem areas and results of discrepancy root cause investigations.

6.3.1 The QMS shall document the organization's quality management structure, personnel authority and responsibility, identify personnel designated to perform QC functions, number of QC personnel (to include dedicated and additional duty personnel), and skill set for each QC representative.

6.3.2 The QMS shall incorporate a comprehensive risk management plan to include a risk matrix/table that identifies all high and moderate risks and how each will be monitored, measured and controlled. The plan shall be updated annually as a minimum.

6.3.3 The QMS shall describe the processes and procedures used to:

6.3.3.1 Enforce strict use of tech data. Strict use of tech data means ensuring all applicable TOs and directives are complete, current with applicable changes, available in the immediate work area, and open to applicable task/step/paragraph.

6.3.3.2 Ensure forms used to document any maintenance related action for aircraft or equipment are documented according to 00-20 series TOs, specific equipment TO requirements and applicable command directives and supplements.

6.3.3.3 Establish and maintain proficiency of personnel.

6.3.3.4 Establish and maintain the training program.

6.3.4 The contractor's comprehensive QMS shall be in place and performing NLT 30 days after contract start date.

6.3.5 The contractor shall notify the PM of any changes to the QMS within two business days of implementation and provide the changed documents with references to the changes.

6.3.6 The contractor shall maintain and make available to the Government their measurement, analysis and improvement processes and supporting documentation.

6.3.7 The contractor shall be responsible for the quality of all products and/or services regardless of a validated QMS.

6.3.8 Right to Surveil. The Government reserves the right to surveil all services and requirements called for in this PWS to determine if the contractor is meeting performance objectives and goals. The Contractor shall allow CORs/CO/PMs access to all work areas, records, data, and facilities used in the performance of the contracted services. The Contractor shall not interfere with the CORs/CO/PMs and other designated personnel in the performance of their official duties. The Contractor shall allow appropriately cleared personnel unescorted access to controlled and restricted areas.

6.4 Measurement, Analysis, and Improvement. Contractor performance outputs are subject to surveillance by Government CORs to ensure compliance with this PWS. The Contractor shall take immediate action to correct all non-conformances identified during Government surveillance.

6.4.1 Quality Assurance. The Government will evaluate the contractor's performance under this contract. The Government will use compliance and management audits to verify and validate contractor performance to the PWS. The primary compliance audit surveillance tool is the Contracting Officer's Representative (COR) audit. Contract Performance Evaluation Teams (CPET), which are staffed with Government functional area expertise (and may include contractor quality control and/or functional area expertise), may be used for compliance and management audits. The Government may decrease or increase the scope and frequency of contract performance evaluations based on the contractor's past performance, risk assessment, and level of confidence provided by contract performance. The criteria for decreasing or increasing Government quality assurance are defined in Table 2.

Table 2. Government Quality Assurance Spectrum

DECREASE GOVERNMENT COR	START GOVERNMENT COR	INCREASE GOVERNMENT CPET
DECREASED – Failures are unlikely to present serious problems for users/customers, or performance data provides confidence in the capability of the system or key process to meet requirements, or minimal or no impact will occur in meeting performance, schedule, or cost objectives.	NORMAL – Failures could result in a hazardous or unsafe condition, or adversely affect mission performance; proper performance of end items, subassemblies, or key processes are doubtful, or there is moderate process variance and the trend is adverse. Performance data casts doubt on the ability of the system or key process to consistently meet requirements, or not only is it probable the contractor will encounter delays in meeting the performance, schedule, or cost objectives, but if concerns are not addressed, the process may progress to high risk.	INCREASED – A failure or nonconformance is likely to result in a hazardous or unsafe condition for individuals using, maintaining, or depending on end item, subassembly, material, or process performance, and is not under control; likely to result in mission failure or prevent the proper performance of equipment or system, or the process is out of control or performance data casts significant doubt on the capability of the system or key process to meet requirements, or a major disruption is highly probable and the likelihood is the contractor will not meet the performance, schedule, or cost objectives.

6.4.2 Evaluations. Government audits will be performed on a periodic basis. At contract start the Government will schedule/perform audits base on the “normal” condition as stated below. If contractor performance to specified requirements is exceptional and provides sound confidence and a “low” risk level, then Government contract evaluations may be reduced in scope and frequency. If contractor performance of specified requirements significantly reduces confidence and raises risk to the “high” level, then the Government may initiate a CPET to perform an in-depth systems audit on the contract requirement that is in violation of specified requirements.

6.4.2.1 Major Non-conformance. A major non-conformance is a non-conformance that adversely impacts (or has the potential to) mission, safety of personnel or

equipment, environment, performance, schedule or cost. The CO will communicate major non-conformances to the contractor on a CAR form with a suspense date for the contractor's corrective action plan. The action plan will address at a minimum:

- Action taken to fix the problem (correction)
- Root cause analysis of the problem
- Corrective action on the cause of the problem
- Actions taken to prevent recurrence to include the follow-up plan (how and when)
- Action(s) required by the contractor's QMS
- All supporting evidence to support actions taken such as updated manuals, instructions, procedures, etc. Embed supporting evidence in this section to maintain a single point document unless size is restrictive or security policies prevent embedding. In these cases, provide location of the documents.

6.4.2.2 Technical Data Violation (TDV). A TDV is an observation or determination by the Government of any person performing maintenance without the proper technical data available, available but not in use, not properly executing a step in a technical order or not following the correct sequence of steps (if directed). The technician must have knowledge of all general directives associated with the job prior to performing the task. However, those directives need not be present at the job site. A TDV is a major nonconformance.

6.4.2.3 Minor Non-conformance. A minor non-conformance is a non-conformance which by itself does not adversely impact mission, safety of personnel or equipment, environment, performance, schedule or cost. Minor non-conformances are communicated through notices. First notices are issued for any identified minor non-conformance. Second notices are issued for repeat minor non-conformances or failing to correct minor non-conformances within a reasonable amount of time. A formal corrective action plan is not required for minor non-conformances.

6.4.3 Inspections/Assessments/Exercises. The Contractor shall participate in any inspection, audit or exercise conducted by third party Government Agencies for programs required under the terms of this contract. The contractor shall perform required preparations to ensure a satisfactory rating is received during any inspection, review, assessment, or staff assistance visit. The Contractor shall advise the PM in writing when a substandard rating (below satisfactory) is received. This report shall be submitted within 10 working days of the date the rating was discovered and shall describe the actions the Contractor shall take to resolve the deficiencies and prevent their recurrence.

6.4.4 Performance Evaluation Meetings, Conferences, and Workshops. The Contractor shall meet with the CO, PM, COR and other Government personnel on a quarterly basis or as deemed necessary. The Contractor may request a meeting with the CO when they believe such a meeting is necessary. The Government may require meeting with the Contractor to discuss compliance, performance improvement, quality strategic planning, teamwork, and training opportunities.

7.0 SERVICE SUMMARY (SS) NARRATIVE.

The SS items are listed in Table 3.

7.1 Purpose. This SS identifies critical success factors for the contract. These SS performance measures are listed in Table 3. The absence of any contract requirement from the SS shall not detract from its enforceability nor limit the rights or remedies of the Government under any other provision of the contract including the clauses entitled “Inspection of Services” and “Default.” The Contractor shall submit a Performance Summary Report IAW CDRL B005 that reports status of all SS metrics and other PWS performance measures.

7.2 Components. The SS states the performance measure (required service), threshold (minimum acceptable performance level) and objective (desired performance level) in either a qualitative or quantitative fashion for each critical success factor. If the contractor is unable to meet a performance measure the Government will consider the impact to the mission, performance trends and other pertinent data when assigning major and minor non-conformances. The Contractor may submit a request for a waiver when unable to meet a performance measure due to circumstances outside the Contractor’s control.

7.3 Quality Assurance Surveillance Plan (QASP). The SS will be used as the baseline to develop a Government QASP. The QASP will identify the audit methods and procedures the Government will use to evaluate the contractor's performance.

Table 3. Service Summary Performance Measures

Performance Measure	Performance Threshold	Performance Objective
Implement, maintain, and comply with a comprehensive QMS IAW most current version of AS9110 QMS and PWS requirements	No more than 2 major non-conformances per month	Zero major non-conformances per month
Aircraft Non-Availability due to contractor-required maintenance activity ¹		
Lightning/Bolt (combined)	$\leq 12.7\%$	$\leq 8.8\%$
Strike	$\leq 8.3\%$	$\leq 5.5\%$
Eagle	$\leq 8.5\%$	$\leq 5.8\%$
Viper	$\leq 9.8\%$	$\leq 7.4\%$
Tomahawk	$\leq 9.4\%$	$\leq 7.2\%$
Raptor	$\leq 22.6\%$	$\leq 17.4\%$
Engine Holes ²	0 engine holes for any airframe at any time during the month	0 engine holes for any airframe at any time during the month
Aircraft Gun System Turn Time		
F-16	48 hours	48 hours
All Others	72 hours	72 hours
Phase on-time completion	100%	100%
F-35 LOHAS Fleet Status	$\leq 75\%$	$\leq 65\%$
Falcon Repeat/Recur	$\leq 5.0\%$	$\leq 2.6\%$
Thunder Repeat/Recur	$\leq 4.2\%$	$\leq 2.5\%$
Falcon MND ³	$\leq 6.6\%$	$\leq 3.1\%$
Thunder MND (CB) ³	$\leq 7.4\%$	$\leq 2.9\%$
Thunder MND (TF) ³	$\leq 6.1\%$	$\leq 3.2\%$
AGE Repaints per month	10 per month	10 per month
MMHE Trailer repaints	6 per month	6 per month
Notes:		
¹ Aircraft Non-Availability – Calculated as the percentage of aircraft by MDS Non Mission Capable for Maintenance requiring backshop work with the aircraft either in work or awaiting work performed by contractor employees using the Contractor Aircraft Possession Tracking guidelines in Section 14.		
² Aircraft Engine Hole – the non-availability of an FMC Nellis Type Mission Series Design Modification (TMSDM) production engine to fill an aircraft engine requirement/demand.		
³ Maintenance Non-Delivery – any scheduled sortie not flown because of maintenance. Includes Maintenance Cancels and Ground Aborts not spared.		

8.0 GOVERNMENT FURNISHED PROPERTY AND SERVICES.

8.1 General. The Government will provide facilities and equipment specified in Appendices D, E, and H for performance of work in regards to this PWS. Government Furnished Property (GFP) shall be managed IAW FAR Part 45, applicable contract clauses, and a contractor property control plan approved by the CO. This property plan shall be approved prior to performance of this PWS. A joint inventory of all Government-furnished equipment (GFE) shall be conducted by the contractor and a Government representative. The inventory shall be completed by functional area and concluded no later than the date of transfer of control for each function as outlined in the transition plan. Inventories shall also be conducted annually and at the contract completion/transition to another contractor. The contractor will provide the government representative with inventory records, MILs, R-14s, or R-25s, etc. to facilitate inventory process. A contractor representative and government COR will sign/date the inventory records which will be filed/maintained in the PMO. The contractor shall immediately report any lost, stolen or damaged GFE to the PM/PMO as soon as possible after discovery. All Government furnished equipment that is reported lost, stolen or found damaged during inventory will be managed IAW DOD 7000.14-R, Volume 12, Chapter 7. If the finding of the Report of Survey is negligence on the part of the contractor, the contractor shall be held responsible for actual repair or replacement cost for the damaged, lost or stolen Government equipment IAW FAR clause 52.245-1 and its Alternate I.

8.2 Existing Conditions. The contractor shall identify substandard conditions or incomplete work. The findings shall be documented and provided to the PM NLT 30 days after contract start. Correction of existing conditions not identified to the PM in the report shall be considered new conditions and shall be corrected as directed by the CO.

8.3 Government-Furnished Facilities. The Government will furnish or make available facilities described in Attachment 1. The Government retains the authority to modify or realign facilities and space provided to the contractor based on current AF guidelines for space utilization, mission and personnel requirements. Government facilities have been inspected for compliance with OSHA requirements. Should a hazard be subsequently identified the Government will correct OSHA hazards IAW site-wide safety and health priorities. The fact that no such conditions have been identified does not warrant or guarantee that no possible hazard exists, or that work-around procedures will not be necessary or that the facilities as furnished will be adequate to meet the responsibilities of the contractor. Compliance with OSHA and other applicable laws and regulations for the protection of employees is exclusively the obligation of the contractor. Government will assume no liability or responsibility for the contractor's compliance or noncompliance with such requirements except for the aforementioned requirement to make corrections. The contractor shall only make contractor funded alterations/modifications as approved by Civil

Engineering. The contractor shall submit an AF Form 332 indicating donated resources (funds, labor, and materials as applicable) and only proceed once written approval is received. All work shall comply with all applicable codes and regulations. Government facilities shall only be used in performance of this contract.

8.4 Government-Furnished Equipment and Materials. The Government will furnish the equipment listed in Attachment 1. The contractor shall manage GFE in accordance with Paragraph 4.4.:

8.4.1 Government Furnished Tools. At the beginning of the contract, the Government will furnish the tools, special tools, and local manufactured special tools as specified in Attachment 1. When tool replacement becomes necessary, the Contractor shall replace the tools with items of equal or higher quality at the Contractor's expense. Tools under warranty will be replaced by the contractor through the warranty program. New tools required as a result of a change in requirements shall be reimbursed by the Government.

8.4.2 TC Max or Equivalent. The Government will provide the hardware and software necessary for the TC Max or equivalent program, electronic bar-coding and scanning of property. The contractor shall ensure all tools are marked, identified and controlled in the TC Max or equivalent program IAW AFI 21-101. The contractor shall ensure all etching techniques are compatible with tool manufacturer's warranty provisions.

8.4.3 Consumable Supplies and Materials. The Contractor shall provide consumables used in direct support of aircraft/equipment repairs that are not available through the MMS at the Contractor's expense. The Contractor shall provide all administrative/office supplies and cleaning supplies at the Contractor's expense.

8.4.4 Petroleum, Oil, and Lubricant (POL). The Government will furnish all POL products to meet mission requirements excluding POL needs of contractor-owned vehicles. The Contractor is authorized use of DLA Fuels for contractor-provided vehicles on a cost reimbursable basis.

8.4.5 Government Furnished Forms, Publications, and Technical Orders. The Government will furnish all DoD, Department of the Air Force, ACC, and local forms, operating memoranda, regulations, instructions, and technical orders/data listed in this PWS. Parts or all, publications, forms, memoranda, and technical data will be made available in electronic format only. The Government will furnish the technical orders listed in PWS Appendix A. The contractor shall manage those TOs IAW this PWS.

8.4.6 Government-Furnished/Contractor Records. The Government will furnish all existing records associated with this PWS. The contractor shall maintain current files in accordance with AFI 33-364 and AFI 33-322, *Records Management Program*. All records, documents, electronic databases, and associated papers provided by the Government and/or generated by the contractor during performance of this PWS shall become Government property and shall remain in place upon contract completion and incorporated into the filing system.

8.5 Government Furnished Services. The following Government services shall be provided. No other Government services shall be expected or inferred unless specifically detailed below.

8.5.1 Utilities. The Government will furnish existing utilities to include electricity, water, sewer, heating, ventilation, and air conditioning. The contractor shall follow the guidance IAW the current NAFB Energy Conservation Policy.

8.5.2 Installation Postal/Base Distribution. Official Government/contractor mail generated as a result of this contract will be handled by the Government.

8.5.3 Telephone Services. The Government will provide official telephone service in accordance with AFI 17-210, *Radio Management* Attachment 3, paragraph A3.1. The Government will provide telephone lines for Defense Switching Network (DSN) and maintenance service on telephone lines that have DSN capability. DSN lines shall be used for official calls only. The Government will provide all commercial local and long distance in support of this PWS. The contractor shall provide its' own non-Government telephone service and maintenance through off-base switching equipment for personal and unofficial business. All telephones necessary in performance of this PWS will be provided, maintained, and replaced by the Government.

8.5.4 Refuse Collection. The Government will provide refuse service under an existing NAFB refuse contract. The contractor shall follow procedural guidelines established by the installation regarding proper use of dumpsters. The contractor shall not dump any prohibited items in dumpsters; to include but not limited to paint, petroleum, hazardous waste, and liquids. The contractor shall comply with all base-recycling programs.

8.5.5 Base Civil Engineer Services. The Government will provide maintenance and repair of real property and real property installed equipment. The Base Civil Engineer (BCE) is responsible for real property maintenance. The Government will provide fire prevention/protection, inspection, and maintenance of flightline Government furnished fire extinguishers and systems, pest control, ground and facility maintenance, Hazardous

Waste disposal and explosive ordnance disposal. Emergency problems are reported to the BCE Service call desk. The contractor shall request maintenance by completing AF Form 332 and submit to the BCE service desk.

8.5.6 Police, Fire Protection, and Medical Services. The Government will provide police and fire protection in support of this PWS. The Government will provide emergency medical treatment and emergency patient transportation service for contractor personnel who are injured or become critically ill while in performance of this contract. Treated personnel shall be responsible for reimbursing the Government for the cost of medical treatment and patient transportation at the current inpatient or outpatient treatment rate. The telephone number for emergency medical care is also 911.

8.6 Bioenvironmental Engineering (BE)

8.6.1 Safety. The Contractor shall provide occupational health services to contract employees IAW Title 29 Code of Federal Regulations Part 1910, and AFMAN 91-203. The Government will make available, through BE, a list of known occupational health hazards to the contractor for all areas where contract personnel have the potential for exposures. The contractor will be responsible for performing occupational health (OH) assessments for all hazards identified by BE and those identified by the contractor's designated occupational health professional. Reports for these evaluations must be submitted to BE to allow for the protection of installation personnel outside the contractor work center as part of the Occupational and Environmental Health Site Assessment (OEHSA). All processes with exposures to occupational health hazards must be initially evaluated via an OH assessment by the Contractor's occupational health professional. All OH evaluations must be re-accomplished when changes occur to the process affecting the type of exposures, amount of exposures and frequency of exposures.

8.6.1.1 Previous Assessments. The Government will provide past BE OH assessments at the request of the contractor in support of implementation of this PWS.

8.6.1.2 Noise Sources. The Government will identify all GFF and GFE presumed to be capable of producing hazardous noise levels. BE will verify sound pressure levels of these GFF and GFE and identify all items in excess of 85 decibels "A" weighted. The contractor may request a noise source survey for newly purchased GFF and GFE.

8.6.1.3 Ionizing Radiation. The contractor must make the Installation Radiation Safety Officer (IRSO) aware of all radioactive material and radiation producing devices utilized to perform operations. The IRSO will ensure the installation public is not adversely affected by contractor operations involving non- destructive inspection

(NDI) activities. The contractor must adhere to the requirements of AFI 48-148, AFMAN 40-201, *Radioactive Materials (RAM) Management* and Nellis Air Force Base Supplements. Personnel radiation dosimetry services are the responsibility of the contractor and will not be provided by the Government for NDI personnel, and are a requirement of the contractor IAW TO 33B-1-1 and OSHA regulations.

8.6.1.4 Non-ionizing Radiation (radiofrequency and laser). The Installation Radiation Safety Officer (IRSO) will ensure the installation public is not adversely affected by contractor operations involving electromagnetic frequency (EMF) or laser radiation. The contractor must adhere to the requirements of AFI 48-139, *Laser And Optical Radiation Protection Program*, 29CFR 1910 Subpart G 1910.97, and Nellis Air Force Base Supplements.

8.6.1.5 Chemical Sources. All AF Form 3952, Hazardous Material (HAZMAT) Authorization Request, must be authorized based on requirements outlined in Nellis Plan 32-7086. BE will review each contractor AF Form 3952, Hazardous Material (HAZMAT) Authorization Request, to identify potential health risks to non-contractor personnel and resources and to advise CE and the Contracting Office on how to mitigate identified hazards from planned contractor HAZMAT usage.

8.7 Precision Measurement Equipment Laboratory (PMEL). NAFB PMEL will provide calibration and maintenance services for all TMDE provided by the Government IAW AFI 21-113, *Air Force Metrology And Calibration (AFMETCAL) Management*. Contractor owned equipment shall be calibrated prior to use. PMEL will provide calibration support for contractor owned equipment providing prior coordination/approval is completed.

8.8 Morale, Welfare, and Recreation (MWR) Facilities. The contractor shall have access to all Category C activities (Clubs and Bowling Center) and other Government MWR facilities if space is available as determined by the installation commander. The contractor or individual employees shall pay all charges and/or user fees imposed at these facilities. MWR facilities do not include the Army and Air Force Exchange Service (AAFES) facilities or the Commissary.

8.9 Contractor Provided Supplies and Services. The contractor shall be responsible for all supplies and services not listed as Government furnished above.

9.0 TRANSITION

9.1 Assuming Functional Responsibility. Assume responsibility for all executable functions, identified in this PWS IAW the approved Transition Phase-In/Phase-Out Plan.

9.2 Transition Phase-In Plan. The new contractor shall submit a Transition Phase-In Plan NLT 10 calendar days after contract award IAW CDRL C013. The Transition Plan shall update any transition information included in the proposal, scheduled tasks, milestones and include transition team personnel and in-place.

9.2.1 Phase-In. The phase-in is that period during which the incumbent Contractor and the new Contractor jointly accomplish a transfer of responsibility for performance. The incumbent Contractor shall support the phase-in and training requirements as directed by the Government during the phase-in for a new Contractor. During the phase-in period, the incumbent Contractor shall provide supervision, control, and work task responsibility for all functions described in this PWS. The new Contractor shall receive from the incumbent Contractor, during this phase-in period, a complete orientation of all functions described in this PWS. The incumbent Contractor and the new Contractor shall jointly inventory all equipment and facilities. The Government shall become involved only if problems occur or discrepancies arise.

9.2.1.1 Schedule. The phase-in (transition) will be the 100 days preceding Contract Start date. The Contractor shall submit a complete set of instructions/procedures as required NLT 30 days after contract start. The Government will ensure essential ground training, instructions, sorties, and equipment are available for this purpose.

9.2.1.2 Access to Facilities. The Contractor shall be allowed access to Government facilities subsequent to transition start date. Access shall not interfere with the work efforts of current Contractor or Government personnel. The Contractor shall be able to familiarize supervisors, key personnel, and staff with existing equipment, reporting, work scheduling, and procedures.

9.2.1.3 Government Furnished Property (GFP). The Contractor and PM-appointed Government representative shall conduct a joint inventory of all GFP before contract start. An inventory of GFP shall be accomplished IAW CDRL B002.

9.2.1.4 The Contractor shall sign a receipt for all equipment provided by the Government. The PM shall be notified in writing of equipment missing or not in working order. The Contractor and the Government representative shall jointly

determine the working order and condition of all equipment and document their findings on the inventory.

9.2.1.5 Real Property Inventory. Schedule and conduct an initial joint inventory of all real property, Real Property Installed Equipment (RPIE), and Real Property Similar Equipment (RPSE) with the host base Real Property Accountable Officer (RPAO).

9.2.1.6 Reporting/Documentation. The new Contractor shall submit a Transition Execution Report IAW CDRL C014. This report shall provide documentation and verification of all transition tasks identified in the Contractor's transition plan and this PWS. Verify/sign inventory documentation NLT 30 days after contract start date. Submit all inventory and inspection reports to RPAO and PM. Report any overused, underutilized, or excess real property to RPAO and PM.

9.2.1.7 Vehicle Transfer. Incumbent Contractor and new Contractor shall accomplish all required actions to transfer registrations of the Government Furnished Vehicles. All costs associated with the vehicle transfers and registrations shall be at the new Contractor's expense. The Contractor shall perform an acceptance Limited Technical Inspection prior to acceptance of Government Furnished Vehicles (GFVs). Also, the contractor shall establish and document an existing condition report.

9.2.1.8 Existing Conditions. Identify substandard conditions or incomplete work to include, but not limited to: environmental, safety, health, facilities, inventory, vehicles, incomplete work and maintenance conditions by site. The findings shall be documented and provided to the PM NLT 30 days after contract start for approval. Corrective actions shall be reviewed and negotiated separately. Correction of existing conditions not identified to the PM in the report shall be considered new conditions and shall be corrected under the FFP of the contract or as directed by the PM.

9.2.1.9 Backorder Parts. Validate open requisitions and provide status documentation to the Government NLT 30 days after contract start. After validation assume responsibility for continuous follow-up procedures to ensure receipt of the property.

9.3 Transition Phase-Out. The incumbent Contractor shall submit a Phase-Out Plan for contract completion tasks IAW CDRL C015. Incumbent personnel shall remain on site and perform all duties during transition out at the end of this contract period. The plan shall address the following items at a minimum:

9.2.2.1 Identification of all tasks required for complete contract transition.

9.2.2.2 Schedule that identifies the recommended sequencing and duration of these transition tasks to include a joint inventory of all assets involving Government and follow-on Contractor personnel, transfer of publications and TO accounts to the follow-on Contractor, providing current copies of all required system and site specific plans to the Government.

9.2.2.3 Identification of Bidders Library information and MIS records.

9.2.2.4 Stock Level Maintenance. Maintain a stock level of spare parts, units, components and expendable material sufficient to incur proper services for the equipment covered by this contract, it is recognized that the Contractor shall place orders for such parts and materials which may be delivered by the suppliers beyond the period of time covered by this contract. The Government will accept delivery and make payment for such items even though delivered after the period of time covered by the contract provided that the Contractor shall have placed such orders therefore prior to the date of expiration or termination of this contract.

9.2.2.5 Recompetition of Contract. When directed by the CO, but no later than 365 calendar days before the end of the contract, provide a copy of all documents, plans, instructions, reports, audits, IMDS data, maintenance/logistics data, etc. pertaining in any way to the ACC AMIC Nellis Aircraft Maintenance Contract for inclusion in the bidders library. These copies shall be “sanitized” by the Contractor to remove Contractor employee personal data, i.e., names, payroll/IMDS numbers, etc.; information to be removed or sanitized from the documents shall be approved by the CO prior to removal. Provide access to all publications, TOs, commercial manuals, drawings, technical publications, etc. to anyone when directed by the CO.

10. REQUIRED MEETINGS

10.1 The contractor shall attend all meetings required by the host units. Table 4 shows the anticipated meetings. The table is not all inclusive. The type, number and frequency is subject to change.

Table 4. Required Meetings

Meeting Type	Location	Frequency
Armament/Weapons		
Wing Weapons	WSS	Quarterly, A/R by WWM
DIFM	Flight Service Center	Weekly
Avionics		
DIFM	MXG Bldg	Weekly
TCTO Meetings	MXG Bldg	as Req
Electronic Warfare Meetings	Varies	as Req
Fabrication		
Phase Inspection Predock	Hanger 270	As Req
F-22 Periodic Maintenance	Raptor Hangar	as Req
Shared Resources (Structures/Corrosion)	MXG Bldg	Weekly
Morning Meeting (LO)	Raptor/Lightning	Daily
Quarterly OAP (NDI)	MXG Conf Room	Quarterly
Aircraft Inspection		
Pre-dock / Post dock Meetings	Phase Dock	As Required
Shared Resources	MXG Bldg	Weekly
Maintenance Operations Center		
MXG Stand-up	MXG Bldg	Daily
Production Meeting	MXG Bldg	Daily
57 & 757 AMXS Health of Fleet	MXG Bldg	Quarterly
Nellis Stand-up	57th Wing Conf Room	Daily
MOF Staff	MXG Bldg	Weekly
Deployment Liaison		
Aircraft Parking Meeting	57 OSS Conf Room	Bi-weekly
WS Support Scheduling	USAF WS Rm 315	As Required
Maintenance Plans and Scheduling		
MXG Stand-up	MXG Conf Room	Daily
Production Meeting	MXG Conf Room	Daily
Nellis Stand-up	MXG Conf Room	Daily
Shared Resources	MXG Conf Room	Weekly
MXG Sched Mtg	MXG Conf Room	Weekly
Group Sched Mtg	57th Wing Conf Room	Weekly
Wing Sched Mtg	57th Wing Conf Room	Weekly
TCTO Meetings	MXG Bldg	As Required
Depot Team Meeting	Applicable AMU	As Required
Pre-dock / Post dock Meetings	Phase Docks Bldg 270	As Required
Accept / Transfer Meeting	Applicable AMU	As Required
EMB		
Propulsion Production Meeting	Engine Mgmt Branch	Daily
Shared Resources	MXG Conf Room	Weekly

Meeting Type	Location	Frequency
TCTO Meetings	Engine Mgmt Branch	As Required
Depot Team Meeting	Applicable AMU	As Required
Pre-dock / Post dock Meetings	Applicable AMU	As Required
Accept / Transfer Meeting	Applicable AMU	As Required
AMU Scheduling Section		
AMU Daily Production meeting	Each AMU Conf Room	Daily 0700
AMU/OPS Scheduling meeting	Each AMU Conf Room	Wednesday various times
Production Meeting	MXG Conf Room	Daily 1500
Pre-dock / Post dock Meetings	Phase Dock	As Required
TCTO Meetings	MXG Conf Room	As Required
Depot Team Meeting	Applicable AMU	As Required
Accept / Transfer Meeting	Applicable AMU	As Required
Shared Resources	MXG Conf Room	Tues 0900
MXG Sched Mtg	MXG Conf Room	Wed 1600

11. REQUIRED REPORTS

11.1 The contractor shall submit reports required by the host units. Table 5 shows the anticipated reports. The table is not all inclusive. The type, number and frequency is subject to change.

Table 5. Required Reports

Report Type	Frequency	Remarks
Armament		
9405 Report	Monthly	
Avionics		
Pod and test Station status	Daily	Daily status of pods and test stations to MXG
Fabrication		
Keypunch for AFMC	Monthly	Send off analysis of oil samples to JOAP-TSC for data storage
Quarterly Joap Meeting	Quarterly	Meet with OAP monitors and MXG/CC to go over Errors and response time
Maintenance		
AIRCRAFT STATUS	Daily	Flight supervision reports status of aircraft being repaired by our work centers
MICAP STATUS	Daily	Flight supervision reports status of aircraft being repaired by our work centers
Maintenance Operations Center		
SORTS	Monthly	Status of Resources Training
Hangar Queen	As Requested	as required for acft downtown time
Unit Deployment Manager		
ART Report	Monthly	AEF readiness statistics
Maintenance Plans and Scheduling		
Annual Flying Hour Plan	Annually	
Quarterly Flying Schedule	Quarterly	
Monthly Flying Schedule	Monthly	
Weekly Flying Schedule	Weekly	
Maintenance Analysis		
9302	Monthly	
AMU Aircraft Indicators	Monthly	individual aircraft indicator provided to the AMU's
WAH	Monthly	Monthly Manhour Report
FIRST LOOK	Annual	
Logistics Performance Indicators'	Twice Monthly	key maintenance indicators
Cumulative Workload Data	Monthly	manhour expenditures
Maintenance Training		
MXG Status of Training	Monthly	
57 WG Quarterly Status of Training	Quarterly	
99 MSS Status of Training	Monthly	
ISD Testing Analysis	Monthly	
Instructional Systems Reviews	Annual	Or as needed
Course Control Documents	Annual	Or as needed

Report Type	Frequency	Remarks
Propulsion		
Status Slides	Daily	Made in shop for wing meeting
RCM	As Requested	Done for each engine inducted
CAFRNI WMODS	Daily	Engine production status to RNI PM
LO		
OML Status Sheet	Daily	Made in shop for reporting to ACC, MXG, AMUs, LM FSR, Det 6
LO Fleet Heath Slides	Monthly	Made in shop for reporting to ACC, MXG, AMUs, LM FSR, Det 6
Aerospace Ground Equipment		
ACC Quarterly Equipment Inventory	Quarterly	Report Equipment Levels to ACC Functional
ACC Annual Equipment Inventory	Annually	Reconcile R-14 w/ Supply. Report Equipment Levels to ACC Functional
Minimum Equipment Levels	Annually	Coordinate with ACFT Mx Operations Personnel to Validate Equipment Levels
All Functions		
Critical Equipment Listing	Daily	Compiled by MOC Provided to MXG/CC
IREP Data	Monthly	
Aircraft MX status	Daily	

12. REQUIRED SECURITY CLEARANCES

12.1 Table 6 shows the current security clearance requirements by function. This list is subject to revision based on the aircraft and equipment maintained.

Table 6. Security Clearance Requirements

Functional Area	Clearance Required	Notes
Program Management	Secret/SAP	F-22 & F-35
Management Support	NACI	
Quality	Secret/SAP	For F-22 and F-35 Maintenance
Maintenance Training	Secret/SAP	F-22 and F-35 Instructors
	Secret	All Others
Egress	Secret/SAP	For F-22 and F-35 Maintenance
	Secret	All Others
Fuels	Secret/SAP	For F-22 and F-35 Maintenance
	Secret	All Others
Low Observable Maintenance	Secret/SAP	For F-22 and F-35 Maintenance
Plans and Scheduling	Secret/SAP	F-22 IMIS and F-35 ALIS
	Secret	All Others
Maintenance Analysis	Secret/SAP	F-22 IMIS and F-35 ALIS
	Secret	All Others
Computer Systems Administration	Secret/SAP	F-22 IMIS and F-35 ALIS
Aircraft Inspection	Secret	
Repair and Reclamation		
Wheel and Tire		
Wash Rack		
Hydraulics		
Propulsion		
Electro-Environmental		
AIS		
Electronic Warfare		
Armament		
Structural Maintenance		
Metals Technology		
Non-Destructive Inspection		
Corrosion Control		
Aircraft Maintenance Unit		
Maintenance Operations Center		
Unit Security Representative		
Unit Deployment Manager		
Deployment Liaison		

13. PERSONNEL QUALIFICATIONS

13.1 Table 7 shows the Personnel Qualifications. The Contractor shall submit Key Personnel Qualification packages IAW PWS Paragraph 2.2.2.

Table 7. Personnel Qualifications

Position	Minimum Requirements
Program Manager	<ul style="list-style-type: none">- Graduated Maintenance Group Commander- Master's Degree- 20 years Air Force Aircraft Maintenance experience; must include assignment MAJCOM/Center level- 10 years AF Fighter aircraft maintenance experience- Project Management Professional (PMP)- Completion of AS9110 Lead Auditor class
Deputy Program Manager	<ul style="list-style-type: none">- Bachelor's Degree- 20 years Air Force Aircraft Maintenance experience; must include assignment MAJCOM/Center level- 10 years AF Fighter aircraft maintenance experience- 5 years experience as Maintenance Operations Officer or Maintenance Superintendent or higher- Project Management Professional (PMP)- Completion of AS9110 Lead Auditor class
Quality Manager	<ul style="list-style-type: none">Bachelor's Degree- 15 years Air Force Aircraft Maintenance experience- AS9110 Lead Auditor Certified- 5 years Air Force Quality Assurance/AF Inspection/Quality Auditor experience
Senior Logistics Manager	<ul style="list-style-type: none">- Bachelor's Degree in or Supply Chain Management, Logistics or Business Administration- Certified Supply Chain Professional (CSCP) (APICS) or compatible logistics/supply chain certification- 15 years of experience in Air Force core regionalized supply chain functions (Stock Control, MICAP and Equipment Management) to include retail supply processes
Assistant Logistics Manager	<ul style="list-style-type: none">- Bachelor's Degree in or Supply Chain Management, Logistics or Business Administration- 10 years of experience in Air Force core regionalized supply chain functions (Stock Control, MICAP and Equipment Management) to include retail supply processes
Branch Managers, AMU Managers, swing shift maintenance manager (or Equivalent)	<ul style="list-style-type: none">- Bachelor's Degree (may be waived by PM on a case-by-case basis)- 15 years Air Force Aircraft Maintenance experience- 10 years AF Fighter aircraft maintenance experience- 5 years supervisory experience as Flight Commander/Flight Chief or higher- Completion of AS9110 Lead Auditor class

Position	Minimum Requirements
Training Branch Manager (or Equivalent)	Must have possessed a 3S2 AFSC with at least 2 years experience working in Maintenance Training or an Aircraft Maintenance AFSC with a T prefix
Maintenance Training Instructors	Must have possessed a 'T' prefix as tech school or FTD instructors; or who completed the ACC Classroom Instructor Course or equivalent and had two years' instructor experience in a fighter wing
Instructional Systems Development	Must have completed an Air Force Instructional Systems Development formal training course or served in an ISD position or capacity
AFREP	<p>Completion of the following Courses</p> <ul style="list-style-type: none"> • Miniature Electronic Repair (21 academic days), course code J4AMP30000 AS1A (PDS code W3T). • Micro-miniature Electronic Repair (9 academic days), course code J4AMP30000 AS2A (PDS code WUE). • Module Test & Repair (MTR) Test Equipment Course (5 academic days), J4AMP30000-AS3A (PDS code NOP) • Circuit Analyzer Operation and Maintenance, course code ECL-ETF-00012 (2 days) • Test Program Set Development 1, course code ECL-ETF-00017 (3 days) • Test Program Set Development 2, course code ECL-ETF-00018 (3 days)
Non-Destructive Inspection	All Personnel must be certified to minimum NAS 410 Level 2

14. CONTRACTOR AIRCRAFT POSSESSION TRACKING

14.1 Contractor aircraft possession will be determined in accordance with table below. Total contractor aircraft possession hours will be determined using the possession tracker module in MaRS. The total number aircraft possessed hours will be the hours reported for all unit possessed aircraft in the MIS.

14.2 AMU Production Superintendent is responsible to call in contractor possessed status to MOC when aircraft is ready for Contractor to perform an On-Aircraft Task. AMU Production Superintendent will ensure job is entered in aircraft forms and IMDS prior to calling MOC. MOC will contact the required shop for support and ensure possession status is updated NLT 10 minutes after contact from the AMU

14.3 Contractor will call MOC when task and aircraft forms are completed. When multiple shops have work on the same aircraft MOC will ensure all contractor maintenance is complete prior to removing the aircraft from contractor aircraft possession status.

14.4 Contractor must communicate with AMU Production Superintendent to ensure accurate contractor aircraft possession status. Under the following scenarios MOC will remove aircraft from contractor possession status after notification from AMU Production Superintendent and Contractor:

14.4.1 No job in IMDS/Aircraft Forms, or incorrectly loaded jobs (i.e. on-equip jobs for off-equip work).

14.4.2 AMU performing mx preventing/interfering with Contractor performing scheduled/requested mx (i.e. power-on/flt cntls/wpns mx/LG mx/on jacks, etc.).

14.5 AMIC Program Manager/Deputy Program Manager will resolve any issues that cannot be resolved between Contractor and AMU.

Table 8. Contactor Aircraft Possession Matrix

	Contractor Possessed	Not Possessed by Contractor
Aircraft Ready to Perform Contractor On Aircraft Task/Aircraft Safe for Mx/Aircraft Forms Available	X	
Aircraft NOT Ready to Perform Contractor On Aircraft Task/Not Safe for MX/Forms not Available		X
Aircraft in-work by Contractor	X	
Aircraft Awaiting work by Contractor	X	
Delays outside Contractor control (POL, AFE, AMU preps, AWP, MICAPs, 107s, etc.)		X
Paint/LO/Sealant Cures	X	
Parts in/awaiting Heat Treat Process	X	
Periods when Contractor is not required to work even if Contractor chooses to work (i.e. weekend Phase, Corrosion, Washrack etc.)	X	
Periods when Contractor is not required to work - <u>Scheduled On Aircraft Mx</u> is not yet completed (i.e. scheduled washes)	X	
Off Equipment - Contractor does not possess Aircraft for Off Equipment Mx (i.e. 18 mo. gun, parts removed to shop such as panels)		X
Off Equipment - Seats/Canopies in-work	X	
Phase, Aircraft Paints, SAS Audits, SAS Redux, Egress TC	X	
Propulsion technical guidance to flightline troubleshooting engine problems	X	
Avionics/Armament flightline support	X	

15. ACRONYMS AND DEFINITIONS

15.1 ACRONYMS

2LM	Two Level Maintenance
3LM	Three Level Maintenance
ABDR	Aircraft Battle Damage Repair
ACC	Air Combat Command
ACCI	Air Combat Command Instruction
ACFT	Aircraft
ACT UTE	Actual Utilization
AF	Air Force
AFCSM	Air Force Computer Systems Manual
AFEMS	Air Force Equipment Management System
AFFOR	Air Force Forces
AFI	Air Force Instruction
AFJMAN	Air Force Joint Manual
AFMAN	Air Force Manual
AFMC	Air Force Materiel Command
AFORMS	Automated Forms
AFPD	Air Force Policy Directive
AFPD	Air Force Policy Directive
AFRIMS	Air Force Records Information Management System
AFTO	Air Force Technical Order
AGE	Aerospace Ground Equipment
AHE	Automated History Event
AIB	Accident Investigation Board
ALC	Air Logistics Center
AMC	Air Mobility Command
AME	Alternate Mission Equipment
AMIC	Acquisition Management and Integration Center
AMU	Aircraft Maintenance Unit
AMXS	Aircraft Maintenance Squadron
ANSI	American National Standards Institution
AOR	Area of Responsibility
A/P	Airframe/Powerplant
AP	Advanced Programs
AR	Attrition Reserve
ASIP	Aircraft Structural Integrity Program
ASQ	American Society for Quality
ASD	Average Sortie Duration
ATC	Air Traffic Control
AUTH	Authorized
AVDO	Aerospace Vehicle Distribution Office
AVG	Average

AWI	Awaiting Installation
AWM	Awaiting Maintenance
AWP	Awaiting Parts
BAI	Backup Aircraft Inventory
BCE	Base Civil Engineer
BCS	Bench Check Serviceable
BE	Bioenvironmental Engineering
BPO	Basic Post-flight
BR	Break Rate
CA	Cannibalization Authority
CA/CRL	Custody Account/Custody Receipt Listing
CAD/PAD	Cartridge Activated Device/Propellant Activated Device
C&SRL	Compliance and Standardization Requirements List
CAMS	Core Automated Maintenance System
CANN	Cannibalization
CANN RATE	Cannibalization Rate
CAR	Corrective Action Request
CASS	Consolidated Aircraft Support System
CAST	Combat Armament Support Team
CC	Commander
CCCA	Common Core Compliance Area
CCI	Core Compliance Item
CCO	Critical Compliance Objective
CDDAR	Crashed, Damaged, or Disabled Aircraft Recovery
CDB	Central Database
CDRL	Contract Data Requirements List
C-E	Communications-Electronics
CEM	Command Equipment Manager
CEMS	Comprehensive Engine Management System
CEMT	Command Equipment Management Team
CFE	Contractor Furnished Equipment
CFM	Contractor Furnished Material
CFP	Contractor Furnished Property
CFT	Conformal Fuel Tank or Contract Field Team
CIC	Controlled Item Code
CLIN	Contract Line Item Number
CHRG	Chargeable
CMS	Component Maintenance Squadron
CND	Cannot Duplicate
CO	Contracting Officer
COMACC	Commander, Air Combat Command
COMSEC	Communications Security
COSO	Combat-Oriented Supply Organization
COTS	Commercial-Off-The-Shelf
CPIN	Computer Program Identification Numbering
CPM	Contractor Program Manager

CSA	Client Support Administrator
CTK	Composite Tool Kit
CTVS	Cockpit Television Video Set
CUM	Cumulative
CUM ACT	Cumulative Actual
CUM PROG	Cumulative Programmed
CY	Calendar Year
DCMA	Defense Contract Management Agency
DD	Delayed Discrepancy
DDR	Deferred (or Delayed) Discrepancy Rate/Detailed Data Record
DEV	Deviation
DFAR	Defense Federal Acquisition Regulation
DFARS	Defense Federal Acquisition Regulation Supplement
DFT	Depot Field Team
DIFM	Due In From Maintenance
DIT	Data Integrity Team
DoD	Department of Defense
DOI	Date of Installation
DOM	Date of Manufacture
DLM	Depot Level Maintenance
DR	Deficiency Report
DOR	Due-Out Release
DRMO	Defense Reutilization and Marketing Office
DSN	Defense Switch Network
DT&E	Developmental Test and Evaluation
EAID	Equipment Authorization Inventory Data
EMS	Equipment Maint. Sq
ENMCB	Engine Not Mission Capable-Both
ENMCM	Engine Not Mission Capable-Maintenance
ENMCS	Engine Not Mission Capable-Supply
EOR	End of Runway
EPA	Environmental Protection Agency
ER	Exceptional Release
ERRC	Expendability, Recoverability, Reparability Code
ESD	Electrostatic Discharge
ES&H	Environmental Safety and Health
ETIC	Estimated Time In Commission
E-Tools	Electronic Tools
ETTAS	Engine Test Trim Automated System
EVL	Event List
FAR	Federal Acquisition Regulation
FLY HR UTE	Flying Hour Utilization
FMC	Fully Mission Capable
FOD	Foreign Object Damage
FOIA	Freedom of Information Act
FOM	Facilitate Other Maintenance

FOT&E	Follow-on Test and Evaluation
FOUA	For Official Use Only
FSA	Functional Support Administrator
FSE	Flying Scheduling Effectiveness
FTD	Field Training Detachment
FY	Fiscal Year
G&A	General and Administrative
GBL	Government Bill of Lading
GFE	Government Furnished Equipment
GFP	Government Furnished Property
GCI	General Compliance Item
GND ABORT	Ground Abort
GOV	Government Owned Vehicles
GSA	General Services Administration
HAZCOM	Hazard Communication
HAZMAT	Hazardous Material
HHQ	Higher Headquarters
HPO	Hourly Post-flight
HQ	Headquarters
IAW	In Accordance With
ICW	In Compliance With
IFE	In-Flight Emergency
IG	Inspector General
ILM	Intermediate Level Maintenance
IM	Information Manager / Item Manager
IMDS	Integrated Maintenance Data System
IMT	Information Management Tool
INW	In-Work
ISO	ISO International Organization for Standards
ISS EFF	Issue Effectiveness
IT	Information Technology
JAAT	Joint Army Air Force Training
JCN	Job Control Number
JDD	Job Data Documentation
JOAP	Joint Oil Analysis Program
JST	Job Standard
KTL	Key Task List
LAN	Local Area Network
LMR	Land Mobile Radio
LOX	Liquid Oxygen
L-QPM	Logistics - Quality Performance Measures
LRS	Logistics Readiness Squadron
LRU	Line Replaceable Unit
MAJCOM	Major Command
MASS	MICAP Asset Sourcing System
MC	Mission Capable

MDC	Maintenance Data Collection
MDR	Material Deficiency Report
MDS	Mission Design Series
MDSA	Maintenance Data Systems Analysis
MICAP	Mission Capable
MIL	Master Inventory List
MILSPEC	Military Specification
MILSTRIP	Military Standard Requisitioning and Issue Procedures
MIS	Maintenance Information Systems
MOC	Maintenance Operations Center
MOF	Maintenance Operations Flight
MRT	Maintenance Recovery Team
MSA	Munitions Storage Area
MSL	Maintenance Supply Liaison
MXG	Maintenance Group
MXG/CC	Maintenance Group Commander
MUNS	Munitions Squadron
MXS	Maintenance Squadron
NAC	National Agency Checks
NDI	Non-Destructive Inspection
NEW	Net Explosive Weight
NIE	Normally Installed Equipment
NLT	Not Later Than
NMC	Not Mission Capable
NMCB	Not Mission Capable Both
NPA	Non-Powered AGE
NRTS	Not repairable at this station
NSN	National Stock Number
NSS	Noise Suppression System
O&M	Operation and Maintenance
OAP	Oil Analysis Program
OCR	Office of Collateral Responsibility
OEM	Original Equipment Manufacturer
OG	Operations Group
OI	Operating Instruction
OL	Operating Location
OPLAN	Operational Plan
OPR	Office of Primary Responsibility
OPSEC	Operations Security
ORM	Operational Risk Management
OSHA	Occupational Safety and Health Administration
OSS	Operations Support Squadron
OT&E	Operational Test and Evaluation
OTI	One Time Inspection
OWC	Owning Work Center
PAA	Primary Aerospace Vehicle (Aircraft) Authorized

PAI	Primary Aircraft Inventory
PDAI	Primary Development/Test Aircraft Inventory
PDM	Programmed Depot Maintenance
PIWG	Production Improvement Working Group
PMAI	Primary Mission Aircraft Inventory
PMAP	Performance Management Assessment Program
PMC	Partially Mission Capable
PMCM	Partially Mission Capable Maintenance
PMCB	Partially Mission Capable Both
PMCS	Partially Mission Capable Supply
PMEL	Precision Measurement Equipment Laboratory
PMR	Program Management Review
POAI	Primary Other Aircraft Inventory
POI	Plans of Instruction
POL	Petroleum, Oil, and Lubricants
PPE	Personal Protective Equipment
PQDR	Product/Process Quality Deficiency Reports
PR	Pre-Flight
PRD	Pilot Reported Discrepancy
PS&D	Plans, Scheduling, and Documentation
PWS	Performance Work Statement
PROG UTE	Programmed Utilization
PS&D	Plans, Scheduling and Documentation
PTAI	Primary Training Aircraft Inventory
PWC	Performing Work Center
QA	Quality Assurance
QMS	Quality Management System
RAMPOD Systems	Reliability, Availability, Maintainability for Pods & Integrated Systems
R&M	Reliability and Maintainability
R&R	Repair and Reclamation
RCM	Reliability Centered Maintenance
RCP	Repair Cycle Processing
RDT&E	Research, Development, Test, and Evaluation
REMIS	Reliability and Maintainability Information System
RFP	Request for Proposal
ROS	Report of Survey
SAV	Staff Assistance Visit
SCR	Special Certification Roster
SE	Support Equipment
SBSS	Standard Base Supply System
SHD	Significant Historical Data
SI	Special Inspection
SIB	Safety Investigation Board
SM	Scheduled Maintenance
SME	Subject Matter Expert

SORT UTE	Sortie Utilization
SPRAM	Special Purpose Recoverables Authorized Maintenance
SRAN	Stock Record Account Number
SRD	Standard Reporting Designator
SQDN	Squadron
TAI	Total Aircraft Inventory
TAS	Tool Accountability System
TCI	Time Change Item
TCTO	Time Compliance Technical Order
TDY	Temporary Duty
TH	Thru-Flight
TER	Triple Ejection Rack
TIN	Turn-in
TMDE	Test, Measurement & Diagnostic Equipment
TNMC	Total Not Mission Capable
TNMCB	Total Not Mission Capable - Both
TNMCM	Total Not Mission Capable Maintenance
TNMCS	Total Not Mission Capable Supply
TODO/TODA	TechnicalOrder Distribution Office/Distribution Account
TPMCM	Total Partially Mission Capable Maintenance
TPMCS	Total Partially Mission Capable Supply
TRN	Turnaround Transaction
TTP	Tactics, Techniques & Procedures
UCI	Unit Compliance Inspection
UDM	Unit Deployment Manager
UID	Unique Identification
UJC	Urgency Justification Code
UND	Urgency of Need Designator
UTE	Utilization Rate
WAWF	Wide Area Work Flow
WG	Wing or Wage Grade
WRM	War Reserve Materiel
WSEP	Weapons System Evaluation Program
WSMIS	Weapon System Management Information System
WUC	Work Unit Code
WWM	Wing Weapons Manager
W&B	Weight and Balance
W&T	Wheel and Tire
WX	Weather

15.2. DEFINITIONS

Acceptance Inspections. Inspections performed when an aircraft, engine, or support equipment has just returned from extensive maintenance of a depot level category, or being permanently reassigned from any other unit. This includes, but is not limited to, aircraft

returning from command utilized Queen Bee (depot), from a structural life extension program, and from the avionics upgrade program.

Acquisition Management & Integration Center (AMIC). Air Force office responsible for technical management of the Nellis Aircraft Maintenance contract, which includes the Program Manager located at Langley AFB, VA.

Aerospace Ground Equipment (AGE) Subpool. Pre-positioned AGE located to allow immediate access for designated users.

Aerospace Vehicle Authorization and Inventory. Authorization refers to the number and type of aircraft an organization is programmed to possess. Inventory refers to the number of aircraft actually assigned to a unit and identified against a corresponding authorization.

Air Abort. Termination of a mission after launch in which the aerospace vehicle must be recovered prior to completion of mission requirements. Does not include returning due to Battle Damage.

Aircraft Impoundment. Isolation of an aircraft due to an unknown malfunction or condition making it unsafe for flight.

Aircraft Operations. Includes all aircraft flight and ground operations.

Applicable Technical Data. Air Force Technical Orders (TOs), instructions, regulations, manuals, and Time Compliance Technical Orders (TCTOs) which direct or prescribe required maintenance/inspection procedures on assigned aircraft, engines, and associated equipment. Supplements and amendments are considered part of the basic publication and shall require compliance. Any reference to a publication is meant to include the basic publication and all of its supplements and amendments. Supplements or amendments to publications from any organizational level may be issued during the life of the contract.

Awaiting Maintenance (AWM). Designation for a deferred discrepancy on an engine awaiting maintenance.

Awaiting Parts (AWP). Designation for a deferred discrepancy on an engine awaiting parts.

AWP Validation Listing (D19). Provides AWP due-outs and corresponding due-in and status details. This information helps determine the status of AWP end items and their corresponding bits and pieces and identifies cross-cannibalization candidates. It is a daily listing and is provided to all work centers involved with AWP management.

Benchstock. Consumable type items that are ordered through SBSS, not local purchased

Bench Stock Review Listing (M04). Listing of recommended additions, changes, and deletions to organizational bench stocks based on consumption patterns. Do not

automatically make additions/deletions based on this listing but rather on expected future demands. The M04 is provided monthly.

Cannibalization. Authorized removals of a specific assembly, subassembly, or part from one weapons system, system, support system, or equipment end-item for installation on another end-item to meet priority mission requirements with an obligation to replace the removed item.

Common Hand Tools. Tools that are found in common usage such as those applicable to or used on a variety of equipment and components. These items include but are not limited to wrenches, sockets, pliers, etc.

Composite Tool Kit (CTK). A controlled area or container used to store tools or equipment and maintain order, positive control, and ease of inventory. CTKs are assembled as a kit and designed to provide quick, easy visual inventory and accountability of all tools and equipment. CTKs may be in the form of a toolbox, a shadow board, shelves, system of drawers (Stanley Vidmar, Lista, etc.), cabinets, or other similar areas or containers. The CTK contains tools and equipment necessary to accomplish maintenance tasks, troubleshooting, and repair.

Consumables. Items that are either consumed in use or which lose their original identity during periods of use by incorporation into or attachments upon another assembly.

Contract Administrator. Qualified contracting individual appointed by the Contracting Officer to administer a particular contract. Also referred to as the Contract Manager.

Contracting Officer (CO). Individual specifically appointed by the Secretary of the Air Force, or his or her designee, with the authority to enter into, administer, or terminate contracts and execute related determinations and findings within the limits of the authority delegated. Only a contracting officer has the authority to contractually bind the Government on behalf of the Air Force.

Contracting Officer Representative (COR). Government person responsible for surveillance of Contractor performance.

Contractor Procedures (CP). Contractor-designed operating instructions to implement and delineate procedures to fulfill the requirements of the Performance Work Statement (PWS). Required by AFI 10-220

Daily Document Register (D04). Document used to monitor and validate supply transactions, which have occurred against a unit's supply account. Reviewed daily for all charges, credits, and other transactions (ISUs, TINs, DORs, etc.) affecting supply accounts.

Decertification. The removal of certification status from a person for a specific task

Delayed or Deferred Discrepancies. Malfunctions or discrepancies not creating Not Mission Capable (NMC) or Partially Mission Capable (PMC) status that are not immediately corrected.

Deployment. A movement of aircraft requiring maintenance support at a location other than the assigned base. The aircraft are deployed to provide operational mission support.

Depot Level Maintenance. Maintenance consisting of those on- and off-equipment tasks performed using the highly specialized skills, sophisticated shop equipment, or special facilities of a supporting command; commercial activity; or inter service agency at a technology repair center, centralized repair facility, or, in some cases, at an operating location. Maintenance performed at a depot may also include organizational or intermediate level maintenance as negotiated between operating and supporting commands.

Dispatchable CTK. CTK issued out to perform a specific task or for use by a specific AFSC and is designed to be used outside the tool room or work center.

Due-Out Validation Listing (M30). Provides the user a list of all outstanding due-outs for their organization as reflected in the supply system. Ensure all due-outs are valid and still required. If changes are required, annotate the listing and return a copy to base supply. The listing is provided monthly from base supply.

Engine Impoundment. Isolation of an engine due to an unknown malfunction or condition making it unsafe for flight.

Equipment Custodian. Individual responsible for all in-use equipment at the organizational level whose duties include requisitioning, receiving, and controlling of all equipment assets.

Equipment Identification Designator (EID). A number assigned to a piece of shop equipment, used to track status and accountability.

Equipment Items. Item authorized in the allowance standard within an organization.

Fiscal Year (FY). The US Government's accounting period of 12 months spanning the period 1 October through 30 September.

Fleet time Average. Average number of flying hours remaining on the possessed aircraft to the next periodic and (or) phase inspection.

Flight Chief. NCO responsible to the maintenance officer or superintendent for management, supervision, and training of assigned personnel.

Foreign Object Damage (FOD). Any damage attributed to a foreign object that may be expressed in physical or economic terms, which may or may not degrade the product's safety and/or performance characteristics.

Functional Check Flight (FCF). FCFs, to include Operational Check Flights (OCF), are performed to ensure an aircraft is airworthy and capable of accomplishing its mission. However, FCFs are not normally flown when the airworthiness of the aircraft can be determined by maintenance operational checks prescribed by a technical directive.

Government Furnished Facilities (GFF). Property in the possession of, or acquired by the Government, and subsequently delivered or otherwise made available to the Contractor. GFF includes, but is not limited to, consumable items such as batteries, transistors, semiconductors, lubricating oil, etc.

Government Furnished Property (GFP). Property in the possession of, or acquired by the Government, and subsequently delivered or otherwise made available to the Contractor. GFP includes, but is not limited to, consumable items such as batteries, transistors, semiconductors, lubricating oil, etc.

Ground Abort. A ground abort is the failure of an aerospace vehicle to get air-borne after power is applied and a count down started, but terminated for any reason related to that specific vehicle.

Integrated Maintenance Data Systems (IMDS) Central Database (CDB) Web Service. Replaced screen interfaces between IMDS CDB, formally known as CAMS, and various interface partners (i.e., EMOC, F-15 IMIS, Reliability, Availability, and Maintainability for Pods (RAMPOD), Comprehensive Engine Management System (CEMS), and Point of Maintenance (POMX)). A web service is a software system designed to support interoperable machine-to-machine interaction over a network. It has an interface described in a machine-processable format (specifically Web Services Description Language (WSDL)). Other systems interact with the web service in a manner prescribed by its description using Simple Object Access Protocol (SOAP) messages, typically conveyed using Hypertext Transfer Protocol (HTTP) with an eXtensible Markup Language (XML) serialization in conjunction with other web-related standard.

In-Process Inspection (IPI). Inspection performed during the assembly or reassembly of systems, subsystems, or components with applicable technical orders.

Intermediate Level Maintenance. Maintenance consisting of those off-equipment tasks normally performed using the resources of the operating command at an operating location or at a centralized intermediate repair facility. Category of maintenance actions which is normally the responsibility of and performed by designated maintenance activities in direct support of the using organization. It includes decontaminating, calibrating, manufacturing of unavailable parts, modifications of material, repairing, and replacing damaged or unserviceable parts and components.

Job Control Number (JCN). Number assigned to an aircraft/equipment maintenance work request. Also referred to as a year-event ID in CAMS.

Locked Out / Tag Out. Energy isolating device is capable of being locked out if it has a hasp or other means of attachment to which or through which a lock can be affixed. Tag out devices, shall be substantial enough to prevent inadvertent or accidental removal.

Maintenance Management. Organizing, directing, staffing, controlling, and planning for effective and efficient use of resources to ensure equipment and facilities are in a safe, serviceable, and operational condition to meet mission needs. Personnel have the proper skills, training, and procedures to accomplish all maintenance to standard.

Maintenance Training. Any proficiency, qualification, or certification tasking required by a technician to perform duties in their primary AFSC.

Master Inventory List (MIL). Primary source document for inventory of Composite Tool Kits (CTK). The MIL indicates the total number of items in each drawer or section of the tool kit. MIL may be automated.

MICAP. Items ordered through SBSS but not available on base. These are high priority and usually delivered within a week. **MICAP Record Retrieval/Update (1MM).** An on-line SBSS inquiry that lists information on current MICAP conditions by equipment ID

MICAP Status Report (R49). This report provides the current status of all active MICAP requirements and provides the data in clear text. Use this product to validate serial numbers of parts required for MICAP end items. In units supported by a base supply LRS using the MICAP Asset Sourcing System (MASS), the E-40 may be used in lieu of the R49.

Mission Design Series (MDS). Alpha and numeric characters denoting primary mission and model of a military weapons system.

Monthly TCTO Reconciliation Listing. This listing provides TCTO kit status and is used to identify or reconcile differences between supply computer records and maintenance TCTO documents. Refer to AFMAN 23-110, USAF Supply Manual. Use monthly to perform this reconciliation.

Off-Equipment Maintenance. Maintenance tasks that are not or cannot be effectively accomplished on or at the weapon system or end-item of equipment, but require the removal of the component to a shop or facility for repair.

On-Equipment Maintenance. Maintenance tasks that are or can be effectively performed on or at the weapon system or end-item of equipment.

Organizational Level Maintenance. Maintenance consisting of those on-equipment tasks normally performed using the resources of an operating command at an operating location.

Operating Organization. United States Air Force has designated Air Combat Command (ACC) as the operational command for employment of the systems covered by this PWS. The USAF Air Warfare Center, a subordinate element of ACC, is the "operating

organization" and is directly responsible for providing assigned forces and facilities in an operational status.

Operating Stock. The bits and pieces needed to support a maintenance work center that does not meet the criteria of bench stock. It includes reusable items such as dust covers, hydraulic line covers, and caps, items leftover from work orders, TCTOs, and items deleted from bench stock.

Organizational Bench Stock Listing (S04). Listing of all items and quantities authorized on the work center bench stock. The listing is provided semiannually or as requested from base supply.

OVERHAUL. The disassembly, cleaning, inspection, repair, or replacement of parts or components, reassembly, and test of any item or accessory IAW applicable TOs, directives, or authorized manufacturer's publications to provide an operationally safe, serviceable, and reliable item.

Performance Work Statement (PWS). Document that describes accurately the essential and technical requirements for items, materials, or services including the standards used to determine whether the requirements have been met.

Personnel Protective Equipment (PPE). Equipment required to do a job or task in a safe manner.

Phase. major aircraft inspection performed at intervals prescribed in the aircraft series -6 technical order. Also, the work center performing these inspections.

Preventive Maintenance. Maintenance performed by the Contractor which is designed to keep the equipment in proper operating condition.

Primary Aerospace Vehicle Authorized (PAA). Aircraft authorized for performing a unit's mission (e.g., combat, combat support, training, test & evaluation, etc.). The PAA forms the basis for allocating operating resources to include manpower, support equipment, and flying hour funds. The operating command determines the PAA required to meet their assigned missions. "Authorized" refers to the number and type of aircraft an organization is programmed to possess.

Primary Aerospace Vehicle Inventory (PAI). Aircraft assigned to meet the PAA. "Inventory" refers to the number of aircraft actually assigned to a unit and identified against a corresponding authorization.

Prime Mission Equipment. Any weapons system, support system, work station or end item that supports a specific military mission, therefore, requiring operations, maintenance or personnel training.

Priority Monitor Report (D18). Use this report to monitor due-outs and their corresponding status. It is provided to organizations having due-outs at a locally determined frequency (i.e., daily for UND A, weekly for UND B).

Privileged Safety Information. Statements, reports or testimony given to a safety investigator or board pursuant to a promise of confidentiality, and any direct references to any such statements or testimony elsewhere in a report. The findings, evaluations, analyses, opinions, conclusions, recommendations and other indications of the deliberative processes of a safety investigator, safety investigation boards, endorsers and reviewers are also privileged safety information.

Programmed Depot Maintenance (PDM). Inspection requiring skills, equipment, or facilities not normally possessed by operating locations.

Quality Assurance (QA). Planned and systematic pattern of all actions necessary to provide confidence that adequate technical requirements are established; products and services conform to established technical requirements; and satisfactory performance is achieved. For purposes of this PWS, QA refers to actions by the Government.

Quality Control. Actions taken by a Contractor to control production of outputs to ensure they conform to contract requirements or services so that they meet contract requirements.

Quality Maintenance (QM). Actions taken by a Contractor to control production of services so that they meet PWS requirements. Note: References in Government publications to quality support (QS) or quality control (QC) shall be interpreted as meaning QM for purposes of this contract.

Quick Reference List (QRL). List of fast moving, high use items required for primary mission air-craft. The basic purpose of the QRL is to provide maintenance personnel with a speedy way to place a demand on the supply system.

Random Sampling. Sampling method in which each service output in a lot has an equal chance of being selected for a quality assurance audit.

Recurring Discrepancy. Discrepancy that occurs on the second through fourth sortie or attempted sortie after corrective action has been taken and the system or sub-system indicates the same malfunction when operated.

Repair & Reclamation. Handles aircraft crash duties. Major system rigs, repairs, and trouble shooting on A10 and F15 aircraft.

Repair Cycle Asset. Any recoverable item with expendability, recoverability, reparability code (ERRC) category of XD or XF.

Repair Cycle Asset Management Listing (D23). Listing used to monitor repair cycle assets and as a management product to monitor the stock position and repair cycle status of

repairable (Due-In From Maintenance (DIFM)) assets. It may be produced in several sequences and is provided to the customer daily. Refer to AFMAN 23-110, USAF Supply Manual.

Repair Cycle Data List (Q04). Provides data applicable to each repair cycle item. Data provided includes history of past repair, Not Repairable This Station (NRTS), condemn actions, percent of base repair and repair activity. The listing is provided quarterly.

Reparable Support Division (RSD) Due-In From Maintenance (DIFM) Report.

Provides senior managers, flight Officer In Charge (OIC), and flight chiefs information on assets remaining in the repair cycle over a user defined number of days (e.g., 10 days) which are tying up large amounts unit O&M funds (e.g., over \$10,000). This listing allows management to spot check the health of the repair cycle under the RSD concept and is available on request. This report may be used to monitor the repair cycle and avoid penalty charges for DIFM items in the repair cycle greater than 60 days.

Repeat Discrepancy. Discrepancy that occurs on the next sortie or attempted sortie after corrective action has been taken and the system or sub-system indicates the same malfunction when operated.

Safety Equipment. Equipment to prevent injury while performing specific tasks.

Sample. One or more service outputs drawn from a lot for a quality assurance audit.

Scheduled Maintenance. Periodic prescribed inspections and/or servicing of equipment accomplished on a calendar or hourly basis (ref TO 00-20-1).

Serial Number Record Inquiry. This on-line SBSS inquiry provides all due-out requirements (MICAPs, deferred discrepancies, etc.) for an equipment ID.

Serviceable. Capable of meeting requirement and performance of the function for which designed or modified, and meeting all test requirements established by the prescribed specification

Services Summary. Listing of the service outputs and the performance requirement of the listed outputs that will be evaluated by COR personnel on a regular basis.

Shop CTK. Tool kits (not dispatched) used by work center personnel during a shift, provided a single person is responsible for the tool kit.

Shop STOCK. Items such as sheet metal, electrical wire, fabric, and metal stock, used and stored within a maintenance work center to facilitate maintenance.

Spares. Serviceable assets that are available for future use, and in the logistics pipeline. The term spare carries the assumption that there are already enough assets in the Air Force inventory to satisfy end item or quantity per aircraft requirements.

Special Certification Roster (SCR). Management tool that provides supervisors a listing of personnel authorized to perform, evaluate, and inspect critical work.

Special Tools. Tools designed and developed to perform a particular maintenance operation on a specific end item of equipment or component. These items include, but are not limited to, wheel or bearing pullers, special jigs, special cradles, alignment devices, vacuum pumps, floor jacks and cranes, engine slings, and those special tools listed in applicable equipment technical orders.

Standard. Acknowledged measurement of performance as determined by the Government.

Static Display. AF Museum or other designated aircraft or aircraft components.

Supply Data Inquiry (NSD). An on-line IMDS inquiry that lists MICAP information by equipment ID.

Supply Point Listing (Q13). Listing that provides all supply point details, with the quantity authorized, on-hand, and due-out for each detail. It also identifies shortages, excesses and shelf-life items. Q13 is provided quarterly or as requested from base supply.

Support Agreement. Written document that describes facilities, material, or services provided by the host to another organization.

Tail Number Bins (TNB). Locations established and controlled to store issued parts awaiting installation and parts removed to “facilitate other maintenance” (FOM). The locations are set up by tail number, serial number, or identification number.

TCTO Status Report (TCS). CAMS background product that identifies serial numbers, TCTO status codes, and kit, part, and tool requirements for equipment requiring modification, as well as a summary of affected equipment by TCTO status codes.

Technical Order Distribution Office (TODO). Function required to maintain records on TOs received and distributed.

Time Compliance Technical Order (TCTO). Authorized method of directing and providing instructions for modifying equipment, and performing or initially establishing one-time inspections.

Tool Storage Facility/Tool Room. Controlled area within a work center designated for storage and issue of tools and equipment.

Tools. Items used in the performance of maintenance and inspection of a weapons system, support and training aircraft, subsystem, component, or the supporting equipment. Non-expendable replacement tools shall not be carried on bench stock. Expendable tools (apex bits, drill bits, etc) will be controlled, accounted for, and secured IAW AFI 21-101_COMBATAIRFORCESUP_1.

Total Active Aerospace Vehicle Inventory (TAI). Total of all aircraft, determined by adding PAI +BAI + Abort Rate (AR).

Total Asset Visibility. Capability to provide users with timely and accurate information on the location, movement, status, and identity of units, personnel, equipment, materiel, and supplies. It also includes the capability to act upon that information to improve overall performance of the Department of Defense's (DoD) logistic practices.

Turn Around Transaction (TRN). A repair and reinstallation of a repairable item that updates the demand level for repair cycle assets.

Two-Level Maintenance (2LM) Concept. Under the 2LM concept, the Air Logistics Centers (ALC) is responsible for intermediate-level repair of selected aircraft avionics components and engines on affected weapon systems.

Unscheduled Maintenance. Unpredictable maintenance requirements not previously planned or programmed, but requiring prompt attention and addition to, integration with or substitution for previously scheduled workloads.

Urgency Justification Code (UJC). Two-digit code used to reflect the impact and type of need. The UND fills the first position of the UJC. Use of UND 1A and JA is restricted and is verified by designated personnel.

User Maintenance. Care and servicing by personnel who own or use equipment, but do not possess overall responsibility, to maintain equipment and facilities in a safe and satisfactory operating condition by providing for systematic inspection, detection, and correction of minor defects before they develop into major defects. Actions include, but are not limited to cleaning; waxing; servicing; pre-use inspections; operational checks; checking fluid levels; tightening of nuts, bolts, and screws, minor adjustments, and forms documentation.

Utilization Rate (UTE Rate)—Average number of sorties or hours flown per primary assigned aircraft per period. Usually time period is based on a monthly rate.

Weapon System Program Director. The Item Manager/Item Manager supervisor who centrally manages XB/XF items related to a particular weapon system.

Weight and Balance (W&B) Program. Program used in calculating, verifying, updating, and computing weight and balance on a weapon system.