SOW Appendix

A

APPENDIX A

Definitions and Acronyms

A1.1. **DEFINITIONS**. The following is a list of definitions used in this SOW.

ADMINISTRATIVE CONTRACTING OFFICER (ACO). A base level government employee with authorization to administer contracts on behalf of the United States Government.

AFMETCAL CERTIFICATION. The process which assesses and certifies calibration laboratories to ensure they perform measurements that are safe, accurate, reliable, and traceable through AFPSL, NIST, or other AFMETCAL Det 1 approved sources.

BASELINE CALIBRATION LIMITATION (BCL) LISTING. Recorded initial limited calibration parameters.

CONTRACTOR ACQUIRED SUPPLIES & EQUIPMENT. Property acquired by the contractor with Government approval and funds. Title of such property remains with the Government. The CO is the approving authority for contractor acquired property, with FD coordination.

CUSTODIAN AUTHORIZATION/CUSTODY RECEIPT LISTING (CA/CRL). A listing used to track and authorize all accountable items.

CUSTOMER. The users/owners of TMDE requiring calibration and maintenance service.

DEFERRED STATUS. TMDE in authorized delay status for reasons which are beyond the contractor's control.

EQUIPMENT AUTHORIZATION INVENTORY DATA (EAID). Data on high and low accountable items listed in the CA/CRL.

FACILITIES EQUIPMENT MAINTENANCE SYSTEM (FEMS). The computer system used to track all PMEL workload actions.

FACILITY. The term facility includes the Precision Measurement Equipment Laboratory (PMEL) and assigned work and storage areas not collocated that are assigned to the contractor to satisfy the requirements of this contract.

FULL PERFORMANCE. The date when the contractor assumes responsibility for the workload covered under this contract.

FUNCTIONAL MANAGER (FM). The government person responsible for the PMEL function covered under this contract.

GOVERNMENT FURNISHED EQUIPMENT (GFE), MATERIAL (GFM), PROPERTY (GFP), OR SERVICES (GFS). Government-owned property or services furnished to a contractor for the performance of a contract. Includes, but is not limited to, (a) industrial

facilities, (b) material, (c) special tooling, (d) special test equipment, (e) military property, (f) services, and (g) data.

INTEGRATED MANAGEMENT PLAN (IMP). The purpose of the IMP is to capture key elements within a program up front. This provides a management tool during all phases of contracting. Integrating all areas of a program with IMP offers the program manager more control to the program.

INTEGRATED MASTER SCHEDULE (IMS). The IMS is a schedule of the program tasks. It is directly traceable to the IMP and is used to track program status. The schedule reflects order and length of tasks, not actual dates.

MAINTENANCE PRIORITIES.

EMERGENCY. One-of-a-kind TMDE that is inoperable or due calibration and for which a critical job is at a work stoppage.

MISSION ESSENTIAL. One-of-a-kind or one-deep TMDE that is part of a unit's deployment package, or is critical to daily peacetime operations or TMDE assets falling below critical availability levels.

ROUTINE. TMDE not categorized as emergency or mission essential.

MAINTENANCE STANDARDIZATION AND EVALUATION PROGRAM (MSEP). An AFMC/CC directed quality review of Air Logistics Center maintenance processes. A team of inspectors representing avionics, back-shops, crew chiefs, production, propulsion, planning, quality assurance, safety, and training will inspect each site on an annual basis. The purpose of this inspection is to look at four fundamental maintenance processes: maintenance management, technical data, tools and equipment, and qualification and training. In addition, the MSEP Team evaluators will conduct task evaluations of assigned maintenance personnel. The task evaluations will be conducted in accordance with the established Rules of Engagement and Task Evaluation Checklist.

MEASUREMENT STANDARD. A piece of equipment of a known accuracy to which TMDE is compared during calibration.

NOT REPARABLE THIS STATION (NRTS). TMDE returned to customers, or subassemblies returned to supply, in other than repaired or certified condition as a result of lack of tech data, lack of parts, field level repair prohibited by tech data, etc.

OPERATIONS SECURITY (OPSEC). Operations Security is a process concerned with identifying, controlling, and protecting the generally unclassified evidence that is associated with sensitive operations and activities. OPSEC looks at our day-to-day behavior from a competitor or adversarial point of view. OPSEC is a valuable tool used to counter agents in their effort to determine vulnerabilities, weaknesses, and shortfalls that would interfere with the AF Mission.

OWNING WORK CENTER (OWC). An activity that possesses TMDE.

QUALITY ASSURANCE PERSONNEL (QAP). Government employees responsible for evaluating and documenting contractor performance in accordance with the Quality Assurance Surveillance Plan.

QUALITY ASSURANCE SURVEILLANCE PLAN (QASP). A document that specifies methods and procedures to perform surveillance of the contractor's performance.

RECORDS. All books, papers, maps, photographs, machine-readable materials, or other documentary materials, regardless of physical form or characteristics, made or received by any agency of the US Government under federal laws, or in connection with the transaction of public business, and preserved or appropriate for preservation by an agency, or its legitimate successor, as evidence of the organization, functions, policies, decisions, procedures, operations, or other activities of the government or because of informational value of data in them. Library and museum material made or acquired and preserved solely for reference or exhibition purposes, extra copies of documents preserved only for convenience of reference, and stocks of publications and processed documents are not included (Title 44 U.S.C., Section 3301)

RETURN TO OWNER (RTO). TMDE returned to the customer, not serviced, for customer's action (i.e. to provide technical data or accessories, commercial repair/calibration, etc.).

SERVICE DELIVERY SUMMARY (SDS). Identifies the key service outputs of the contract that will be evaluated by the government to assure contract performance standards are met by the contractor. During the performance of this contract Service Delivery Summary (SDS) is being used instead of Performance Requirement Summary (PRS).

TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT (TMDE). Those devices used to test, measure, evaluate, inspect, or otherwise examine materials, supplies, equipment, and systems to identify or isolate any actual or potential malfunction, or to determine compliance with specifications established in technical documents.

THROUGHPUT TIME. The time counted for an item from "Received by PMEL" until "Awaiting Close".

UNIT OF WORK. A unit of work is consider to be a calibrated piece of TMDE which has been entered as "closed" in FEMS or its equivalent system. A unit of work does not include Not Repairable This Station (NRTS) items.

A1.2. ABBREVIATIONS AND ACRONYMS. The following is a list of abbreviations and acronyms used in this SOW.

ACO – Administrative Contracting Officer
ADPE – Automated Data Processing Equipment
AF – Air Force
AFI – Air Force Instruction
AFMAN – Air Force Manual
AFMC - Air Force Material Command
AFMCI – Air Force Material Command Instruction
AFMETCAL – Air Force Metrology and Calibration
AFPSL – Air Force Primary Standards Laboratory
AFTO – Air Force Technical Order

ALC – Air Logistics Center
APR – Authorized PMEL Receiver
CA/CRL – Custodian Authorization/Custody Receipt Listing
CDR – Contractor Discrepancy Report
CFM – Contract Functional Manager
CMS – Calibration and Measurement Summary
DoD – Department of Defense
EAID – Equipment Authorized In-Use Detail
FAR – Federal Acquisition Regulation
FEMS – Facilities Equipment Maintenance System
GFE – Government Furnished Equipment
GFM – Government Furnished Material
GFP – Government Furnished Property
HAFB – Hill Air Force Base
IAW – In Accordance With
IMS – Integrated Master Schedule
IMP – Integrated Master Plan
LE – Electronics Directorate
MIS – Management Information System
MSEP – Maintenance Standardization and Evaluation Program
Non-EAID – Not Equipment Authorized In-Use Detail
NRTS – Not Reparable This Station
NSN – National Stock Number
OO-ALC – Ogden Air Logistics Center
OSHA – Occupational Safety and Health Act
OWC – Owning Work Center
PCS – Permanent Change of Station
PMEL – Precision Measurement Equipment Laboratory
QA – Quality Assurance
QASP – Quality Assurance Surveillance Plan
RBP – Received by PMEL
RTO – Return to Owner
SBSS – Standard Base Supply System
SDS – Service Delivery Summary
SF – Standard Form
SOW – Statement of Work
SR – Standard Review
TM – Technical Manual
TMDE – Test, Measurement, and Diagnostic Equipment
T.O. – Technical Order
USAF – United States Air Force

SOW Appendix

B

A. APPLICABLE PUBLICATIONS AND FORMS

1. Documents applicable to this Statement of Work (SOW) are listed below. The contractor is obligated to follow these documents to the extent they are applicable to TO 00-20-14 and the work required by the SOW. Compliance shall be in accordance with the following:

1.1. All tasks set forth in the SOW are the responsibility of the contractor except where wording of the SOW explicitly makes conformance a Government responsibility. It is recognized that, in conjunction with the tasks set forth herein, reference is made to Department of Defense, Air Force, Air Force Materiel Command, manuals, pamphlets, technical orders, and instructions. It is also recognized that because such referenced documents have been written with a view toward compliance by the Government they may contain language, which indicates performance is to be accomplished by Government personnel. Whenever such directives, manuals, pamphlets, technical orders, instructions, and other guidance are referenced, the contractor is to use such references as direction to perform the required duties (as if such references had been written toward performance by contractor personnel). Except as provided below, publications applicable to this contract shall bear the dates set forth in the SOW.

1.2. The contractor shall be bound to accomplish the tasks set forth herein and in the cited references of the SOW.

1.2.1. Should there be a conflict between the SOW and any of the references set forth herein, the SOW shall prevail.

1.2.2. Should there be a conflict between or among two or more such references, those issued by a higher authority shall prevail over those issued by a lower authority; and between or among those issued at the same level of authority, those with a later date of issue shall prevail over those with an earlier date.

1.2.3. Any duty set forth in such reference which shall call for the exercise of delegable discretionary Governmental authority shall be subject to the final approval of the Government official having such authority, notwithstanding that the contractor may be required thereby to perform duties and render advice at a level below such final approval.

1.3. Further, the contractor shall perform in accordance with all such referenced directives, manuals, pamphlets, technical orders, instructions, and other guidance as they may be from time to time revised, supplemented or amended.

FORM NUMBER	FORM TITLE	PRESCRIBING DIRECTIVE
AF Form 1199	Air Force Entry Control Card	AFI 31-101
AF Form 1297	Temporary Issue Receipt	AFI 23-111
AF Form 2005	Issue/Turn-In Request	AFMAN 23-110
AF Form 2586	Unescorted Entry Authorization Certificate	AFI 31-101
AF Form 537	PME Shipping	AFI 21-101
AF Form 601	Equipment Action Request	AFMAN 23-110
AF Form 7	Certification Stamp Issue and Declaration	AFMAN 23-110
AFMC Form 387	Air Force Material Command Identification Credential	AFI 31-209/AFMCS-1
AFTO Form 108	TMDE Certification	TO 00-20-14
AFTO Form 22	Technical Manual Change Recommendation and Reply	TO 00-5-1
AFTO Form 249	TMDE Calibration Data	TO 00-20-14
AFTO Form 250	TMDE Calibration Correction Chart	TO 00-20-14
AFTO Form 255	Notice Certification Void When Seal is Broken	TO 00-20 14

AFTO Form 256	No Calibration required	TO 00-20-14
AFTO Form 394	TMDE Certification	TO 00-20-14
AFTO Form 398	Limited TMDE Certification	TO 00-20-14
AFTO Form 45	Request For Calibration Responsibility	TO 00-20-14
AFTO Form 80	Precision measurement Laboratory Report	TO 00-20-14
AFTO Form 99	Limited/Special TMDE Certification Label	TO 00-20-14
AFMC Form 95	Issue Request	AFMCI 21-130
AFMC Form 135	PME Status	FEMS Directive
AFMC Form 134	PME Scheduling Record	FEMS Directive
AFMC Form 496	Application for AFMC Identification Card	AFI 31-209/AFMCS1
DD Dorm 1575	Suspended Tag Material	AFMAN 32-110
DD Form 1149	Requisition and Invoice/ Shipping Document	AFMAN 32-110
DD Form 1574	Serviceable Tag Material	AFMAN 32-110
DD Form 1577	Unserviceable (Condemned) Tag Material	AFMAN 32-110
DD Form 1577-2	Unserviceable (Repairable) Tag Material	AFMAN 32-110

★Electronic Publication

Air Force Technical Orders

T.O. Number	Long Title
★00-5-1	AF Technical Order System
★00-5-2	Technical Order Distribution System
★00-5-3	AF Technical Manual Acquisition Procedures
★00-5-15	Air Force Time Compliance TO System
★00-5-17	Users Manual -- USAF Computer Program Identification Numbering System (CPIN)
★00-20-1	Preventive Maintenance Program, General Policy Requirements and Procedures
★00-20-2	The Maintenance Data Collection System
00-20-2-10	Office Equipment Maintenance Documentation for Shop Work & PME
★00-20-3	Maintenance Processing of Repairable Property and Repair Cycle Asset Control
★00-20-5	Aerospace VehicIe Inspection and Documentation,
★00-20-14	AF Metrology and Calibration Program
00-25-06-2-2	Depot, Intermediate and Organizational Maintenance--Work Unit Code Manual- Support Equipment
00-25-107	Maintenance Assistance
00-25-108	Communications - Electronics (C-E) Depot Support
00-25-113	Conservation and Segregation of Critical Alloy and Precious Metal Bearing Parts and Scrap
★00-25-172	Ground Servicing of Aircraft and Static Grounding/Bonding
★00-25-195	Source, Maintenance, and Recoverability Coding of Air Force Weapons, Systems, Equipment
00-25-213	Transportation, Storage, Testing, and Shelf Life of Dry Batteries
00-25-223	Integrated Pressure Systems and Components
00-25-229	Valves and Regulators for Integrated Pressure Systems
00-25-232	Control and Use of Insulating Matting for High Voltage Applications
★00-25-234	General Shop Practice Requirements for the Repair, Maintenance and Test of Electrical Equipment
00-25-238	Base Level Maintenance and Calibration of Jet Engine Test Cells
★00-35D-54	USAF Materiel Deficiency Reporting and Investigating System
00-110N-2	Radioactive Waste Disposal (Radioactive Tubes)
00-110N-3	Handling and Storage of Radioactive Material
1A-10A-37	A-10A Thunderbolt
1B-1B-37	B-1B Lancer
1B-2A-37	B-2A Spirit
1B-52H-37	B-52H Stratofortress
1C-17A-37	C-17 Globemaster III
1E-3A-37	E-3A AWACS
1F-15A-37	F-15 Eagle
1F-16A-37	F-16 Fighting Falcon
1F22A-37	F-22 Raptor

11F1-AAG13-12	AN/AAQ-13 & AN/AAQ-14 LANTIRN
2J-1-105	Jet Engines
21M-AGM86-27	AGM-86A ALCM
21-AGM129-27	AGM-129 ACM
31P6-2FPS108-2	AN/FPS-108 Cobra Dane
33K-1-11	Ballistic Missiles
33K-1-35	AN/FLR-9
33K-1-53	F/EF-111A/E
33K-1-53-1	F/FB-111( )
33K-1-53-2	FB-111
33K-1-53-3	F-111D
33K-1-70	COATC TRC
33K-1-81	TFCU
1-1A-14	Installation Practices for Electronic Wiring (Includes Military to Commercial Cross Reference for Fuses)
1-1A-15	General Maintenance Instructions for Support Equipment (SE)
1-1-689	Prevention and Control of Corrosion & Fungus in Communication, Electrical Metrology & Avionic Equipment
5-1-10	Use of Cleaning Solvents
5P2-2-1-31	General Pressure Gages
8D2-3-1	Opn, Svce and Repair Instr -- Aircraft Nickel Cadmium Storage Batteries
11-1-10	General Shop Practices
11H-Series	Hazard Detecting Equipment
11H4-1-5	Inspection and Certification of Federal Supply Code (FSC) 6625 Equipment (Hazardous Measuring Equipment)
11H5 Series	Hazard Detecting Equipment. Explosimeters, Combustible Gas Alarms, etc.
11W-Series	Weapons and Equipment
15X-1-1	Maintenance Instructions -- Oxygen Equipment
15X-1-102	Maintenance Instructions Manual -- General Care and Cleaning of Oxygen Gauges and Oxygen Device Related Test Equipment
31-1-75	General Maintenance Practices
31-1-97	Use of Equivalent or Substitute Tools or Test Equipment in Repair of Electrical Equipment
31-1-141-1	Index to T.O. 31-1-141 Series
31-1-141-X	Basic Electronic Technology & Testing Practices
31-10-7	Terminating and Soldering Electrical Connectors
31-10-14	Standard Installation Practices for RF Connectors and Cables
31-10-24	Installation Practices - Comm System Grounding, Bonding and Shielding
32-1-2	Use of Hand Tools
32-1-101	Maintenance and Care of Hand Tools and Measuring Tools
32-1-151	Hand, Measuring and Power Tools
32-1-171	Engineering Hand Tools
32-1-201	Care, Use and Maintenance Instructions (Measuring Tools FSC 5200)
32B14-Series	Wrenches Hand -- General (Torque Wrenches)
33-1-5	Removal of Batteries
33-1-19	General Care, Use and Maintenance of Pressure, Vacuum and Compound Gages
33-1-21	Electrical Measuring Meters
33-1-27	Logistical Support Precision Measurement Equipment -- 6625 through 6695 Instruments
33-1-31	Use of Equivalent or Substitute Tools or Test Equipment in Repair of General Purpose and Associated Equipment
33-1-32	General Instruction -- Input Power Wiring of Electrical/Electronic Support Equipment
33-1-34	Replacement of Ferruled-Type Diodes in FSC 6625 PME (Reed Wattmeters)
33-1-35	Inspect FSC 6625 Equipment and Install Warning Decal
33-1-37	Spectrometric Oil Analysis Program (SOAP)
33-3-55	Primary Batteries

33A Series	Maintenance of PME
33A1-1-14	Frequency and Time Standards Application Note 52 (HP)
33A1-3-518-1	F-16 ESS Illustrated Parts Breakdown
33AA43-2-1-X	Operation and Maintenance with Parts Breakdown for TFCU
33A6-7-24-1	Joint Oil Analysis Program Laboratory Manual
33C Series	Maintenance of PME
33D Series	Maintenance of PME
33D2-27-59-1	F-15 Illustrated Parts Breakdown
33K Series	Calibration of TMDE
33K-1-70	USAF Calibration Measurement Summary and Work Unit Code Manual for Central Ohio Aerospace Technology Center
33K-1-100-1	Calibration Procedure for TMDE Calibration Notes Maintenance Data Collection Codes and Calibration Measurement Summaries
33K-1-100-2	Technical Manual TMDE Calibration Interval Technical Order and Work Unit Code Reference Guide
33K-1-100-2 CD-1	Technical Manual TMDE Calibration Interval Technical Order and Work Unit Code Reference Guide (CD-ROM only)
33K-1-101	Calibration Standards and Associated Equipment
33K-2-11	Detailed Instructions and Information Pertaining to Air Force Primary Standards Laboratory (AFPSL) Exchange Standards
33K6-3-1	Calibration Techniques for Low Pressure
33K6-3-2	Calibration Techniques for Physical Measurement
33K6-3-3	Calibration Techniques for Dimensional
33K-CMS	Calibration Measurement Summaries for Weapon Systems Supported
34-Series	Shop Machinery and Associated Equipment
34-1-3	Inspection and Maintenance of Machinery & Shop Equipment
34-1-13	Use of Equivalent or Substitute Tools or Test Equipment in Repair of Shop Machinery
35-1-192	Maintenance Procedures Where Authorized Components/Parts/Miscellaneous Hardware are not Available
37C11-1-1	Maintenance Instructions -- Cleaning of Pressure Gages Used on Liquid Oxygen Systems
42A3-1-2	General Use of Cements, Solvents, and Coatings
42B-1-6	Corrosion Preventative Lubricants and Anti-Seize Compounds
42B2-1-9	Spectrometric Oil Analysis Program (SOAP)
42B5-1-2	Use, Handling and Maintenance Instructions -- Storage Type Gas Cylinders
42C-1-12	Quality Control of Chemicals
42C-1-18	Control, Decontamination and Disposal of Mercury
42C-1-20	Chemical Cleaning, AF Maintenance Operations
42E1-1-1	Aerospace Hose Assemblies
42E2-1-2	Identification, Use and Disposition - Hydraulic Packing and Gaskets
49-Series	Optical Instruments, Timekeeping and Navigational Equipment
49A4-1-111	Surveying Instruments - Dumpy Levels (General for 6675 Instruments)
49A5-7-1	Surveying Instruments - Transits (General)
49A8-2-12	Field and Depot Maintenance - Theodolites (by MIL Spec)
49A8-2-14	Field and Depot Maintenance - Theodolites (by MIL Spec)
49A8-2-51	Field and Depot Maintenance - Theodolites (by MIL Spec)
49A8-2-64	Field and Depot Maintenance - Theodolites (by MIL Spec)
51-1-06-1	WUC Manual for Automatic Test Equipment
80-Series	Computer Program Identification Numbers (CPIN)
TCTO-Series	All Technical Order Series

Publications

Short Title	Long Title
★MIL-STD-1686C	Electrostatic Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices)(http://dodssp.daps.mil/dodssp.htm **requires password)**
★DOD 4160.21-M	Defense Reutilization and Marketing Manual
★DOD5200.1-R	Information Security Program
DOD 5220.22-R	Industrial Security Regulation
★DODI 4161.2	Management Control and Disposal of Government Property in Possession of Offerors
USAF S-2A-1	Index of USAF and DOD Federal Supply Catalogs and Related Cataloging Publications
★AFIND 27	Numerical Index Of Air Force Computer Systems Manuals
★AFI 10-707	Spectrum Interference Resolution Program
★AFI 14-205	Identifying Requirements for Obtaining and Using Geospatial Information and Services
★AFPD 21-1	Managing Aerospace Equipment Maintenance
★AFPD 21-3	Technical Orders
★AFPD 21-4	Engineering Data
★AFI 21-101	Maintenance Management of Aircraft
★AFI 21-102	Depot Maintenance Management
★AFI 21-109	Communications Security (COMSEC) Equipment Maintenance and Maintenance Training
★AFI 21-110	Engineering and Technical Services
★AFI 21-113	Air Force Metrology and Calibration (AFMETCAL) Program
★AFI 21-114	Managing Intercontinental Ballistic Missile Maintenance
★AFI 21-116	Maintenance Management of Communications- Electronics
★AFI 21-118	Improving Aerospace Equipment Reliability and Maintainability
★AFI 21-124	Air Force Oil Analysis Program
★AFI 21-129	Two Level Maintenance and Regional Repair of Air Force Weapon Systems and Equipment
★AFJI21-301	Inter-servicing of Technical Manuals and Related Technology
★AFI 21-401	Engineering Data, Storage, Distribution, and Control
AFMAN 23-110Vol. 2 CD	USAF Supply Manual (FOUO)
★AFMAN 23-110 V2 P13	Standard Base Supply Customer's Procedures
AFI 23-111	Management of Government Property in Possession of the Air Force
AFMAN 23-220	Report of Surveys for Air Force Property
★AFI 24-201	Cargo Movement
★AFJMAN 24-204	Preparing Hazardous Materials for Military Air Shipments
★AFI 25-101	War Reserve Material (WRM) Program Guidance and Procedures
★AFI 25-201	Support Agreement Procedures
AFI 31-101	Air Force Installation Security Program
★AFI 31-209 & AFMC S-1	Installation & Resources Protection Program
★AFI 31-401	Information Security Program Management
AFI 31-501	Personnel Security Management Program
★AFI 31-601	Industrial Security Program Management
★AFH 31-602	Industrial Security Program
★AFPD 32-70	Environmental Quality
AFPAM 32-7043	Hazardous Waste Management Guide
★AFI 32-1001	Operations Management
★AFI 32-1065	Grounding Systems
★AFI 32-7086	Hazardous Materials Management
★AFMAN 32-1094	Criteria for AF Precision Measurement Equipment Laboratory Design and Construction
★AFI 32-2001 & Hill AFB S-1	The Fire Protection Operations and Fire Prevention Program
★AFI 32-7042	Solid and Hazardous Waste Compliance
★AFI 32-7045	Environmental Compliance Assessment and Management Program

★AFI 32-7080	Pollution Prevention Program
★AFI 33-112	Computer Systems Management
AFH 33-337	The Tongue and Quill
★AFI 33-360 V1	The Air Force Publications Management Program
★AFI 36-2201	Developing, Managing, and Conducting Training
★AFMAN 37-123	Management of Records
★AFI-37-160 V7	The Air Force Publications and Forms Management Program -- Publication Library and Sets
★AFI 37-138	Records Disposition -- Procedures and Responsibilities
★AFMAN 37-139	Records Disposition Schedule
★AFI 37-160 V7	The Air Force Publications and Forms Management Programs -- Publication Libraries and Set
★AFI 38-203	Commercial Activities Program
★AFI 40-201	Managing Radioactive Materials in the USAF
★AFOSHSTD 48-8	Controlling Exposure to Hazardous Materials
AFOSHSTD 48-19	Hazardous Noise
★AFOSHSTD 48-22	Occupational Exposure to Hazardous Chemicals in Laboratories
★AFI 48-125	The USAF Personnel Dosimetry Program
★AFOSHSTD48-137	Respiratory Protection Program
★AFI 61-204	Disseminating Scientific and Technical Information
★AFI 63-101	Acquisition System
★AFI 63-501	Air Force Acquisition Quality Program
AFP 66-20	Introduction to On-site Calibration of Automatic Test Equipment
★AFPD 91-3	Occupational Safety and Health
★AFI 91-202	The US Air Force Mishap Prevention Program
★AFI 91-204	Investigating and Reporting USAF Mishaps
★AFI 91-301	Air Force Occupational and Environmental Safety, Fire Protection, and Health (AFOSH) Program
★AFI 91-302	Air Force Occupational and Environmental Safety, Fire Protection, and Health (AFOSH) Standards
★AFOSHSTD 91-22	Walking Surfaces, Guarding Floor and Wall Openings, Fixed Industrial Stairs, and Fixed Ladders
★AFOSHSTD 91-31	Personal Protective Equipment
★AFOSHSTD 91-32	Emergency Shower and Eyewash Units
★AFOSHSTD 91-43	Flammable and Combustible Liquids
★AFOSHSTD 91-44	Safety Color Coding, Labeling, and Marking for Piping Systems
★AFOSHSTD 91-45	Hazardous Energy Control and Mishap Prevention Signs and Tags
★AFOSHSTD 91-46	Materials Handling and Storage Equipment
★AFOSHSTD 91-56	Fire Protection and Prevention
★AFOSHSTD 91-66	General Industrial Operations
★AFOSHSTD 91-67	Liquid Nitrogen and Oxygen Safety
★AFOSHSTD 91-68	Chemical Safety
★AFOSHSTD 91-90	PMEL
★AFI 99-101	Developmental Test and Evaluation
AFMCMAN 21-1	Air Force Material Command Technical Order System Procedures
AFMCPD 21-1	Depot Maintenance Policy
AFMCI 21-101	Depot Maintenance Activation Planning
AFMCI 21-107 & Hill AFB S-1	Tool Control and Accountability Program
★AFMCI 21-108	Maintenance Training and Production Acceptance Certification (PAC) Program
★AFMCI 21-110	Depot Maintenance Technical and Work Control Documents
★AFMCI 21-117	Corrosion Control and Prevention Program and Marking of Aerospace Vehicles/Equipment
★AFMCI 21-119	Objective Center/test Wing Aircraft Maintenance Management Policy
★AFMCI 21-122	Foreign Object Damage and Dropped Object Awareness and Prevention Program
★AFMCI 21-125	Management of Depot Maintenance Programs Aerospace Vehicles
★AFMCI 21-127	Depot Maintenance Plant Management
★AFMCI 21-130	Equipment Maintenance Material Control
AFMCI 36-201	Education and Training Process Guide

★AFMCINDEX 2	Numerical Index of AFMC Publications
★AFMCINDEX 9	Numerical Index of AFMC Forms
HAFBI 13-202	Flight Line Vehicle Control
HAFBI 32-7001	Hazardous Material Management
HWMP	Hill AFB Hazardous Waste Management Plan
ASRS	Allowance Standard Retrieval System (CD ROM)
40 CFR 302	Code of Federal Regulations, Title 40, Part 302
ANSI/NCSL Z540-1-1994	American National Standard for Calibration – Calibration Laboratories and Measuring and Test Equipment – General Requirements
ANSI/NCSL Z540-2-1997	American National Standard for Expressing Uncertainty - U. S. Guide to the Expression of Uncertainty in Measurement
★Det 1 CMALS	(Available on AFMETCAL WEB SITE)
DoD MIDAS	(Available only on CD-ROM)
SL-ISG	USAF Interchangeability & Substitution Grouping Stock List
H series on CD	http://www.dlsc-cso@dlsc.dla.mil
H2-1	Cataloging Handbook Federal Supply Classification Part 1 - Groups & Classes
H2-2	Cataloging Handbook Federal Supply Classification Part 2 - Numeric Index of Classes
ISO/IEC FDIS 17025	General requirements for the Competence of Testing and Calibration Laboratories
ISO 10012	Quality assurance for measuring equipment
H4/H8	Commercial and Government Entity (CAGE) Codes http://www.dlsc.dla.mil/cage_welcome.htm
VIM	International Vocabulary of Basic and General Terms in Metrology (VIM) 1993

SOW Appendix

C

C. FEMS CODES & REPORTS

1. **TMDE Status Categories.** Status codes used when entering, updating, and closing equipment items in FEMS.

STATUS CODES APPLICABLE TO TURN AROUND TIME

Status Code	Definition
AWCQ	Awaiting for contractor quality review
AWFOLLOWUP	Awaiting RCA follow-up
AWQPR	Awaiting for Quality Process Review
AWR	Awaiting Repair
AWRCA	Awaiting RCA coordination
COMP	Work order is completed
INPRG	In Progress
METRECON	Contractor reconciliation
RBP	Received by PMEL

DEFERRED STATUS (not applicable to turn around time)

Status Code	Definition
AEP	Awaiting Engineering Planning
AFND	Awaiting funds
AWA	Awaiting Government QA approval
AWAITCLOSE	Work order is completed, awaiting close (final deferral to organic)
AWC	Awaiting for commercial contractor service
AWCUSTREQ	Awaiting customer requirements
AWE	Awaiting for equipment
AWF	Awaiting for facility
AWGQ	Awaiting for QAE quality review
AWP	Awaiting for parts that have been ordered
AWS	Awaiting for lab standards. Only used if a required lab standard is undergoing repair or calibration
AWT	Awaiting for technical data
HOLD	Work order placed on hold
PARLSUP	Lateral support
TOCODE	Routed to other agency
WAPPR	Awaiting approval

NOT APPLICABLE FOR CONTRACTOR ENTRY (or turn around time)

Status Code	Definition
CAN	Work order is cancelled
CLOSE	Work order is closed
NRBU	Not Released By User
WSCH	Waiting to be scheduled into the PMEL

1.1. **CTR00A.** Electronic Lab.

1.2. **CTR00B.** Electrical Lab.

1.3. **CTR00C.** Dimensional Lab.

1.4. **CTR00D.** 68 Degree Room.

1. **FEMS Reports.** The FEMS Reports are listed as follows:

FEMS PMEL Reports

Report Name:	Description:
7808	Compiles 7808 data for PMEL (semi-annual)
ADHOWMAL	PMEL Add How Malfunction Code Hierarchy
AMETVIEW	Equipment Overview Report
A-PML134	Metrology AF Form 134
AUDITDAT	AFMETCAL Data Selection
AVETIME	List average time required for repairs/cals of PMEL items by P/N
BEQRPT	PMEL BEQ Report
BLIS	PMEL BLIS Report for 151 MXS
CLOPRIOR	Conversion report from PMEVAL02; Lists closed priorities W/Os
COMPWORK	Work Completed by PMEL Labs
CTRLAB	PMEL Ctr Labor Assignments
CTRLAB2	PMEL Ctr Labor (RBP/INPRG)
CTRLAB3	PMEL CTR Auditor Assignments
CTRPRIOR	PMEL Ctr Priority List
DAYSCH	Daily Maintenance Schedule by Supervisor
DELTRACK	Counts PMEL CTR Deletions and NRS's
DIRINV	Lists Directorate PMEL Inventory
EQ-HIST	Equipment Material Cost Report
FLOWDAYS	PMEL Flow Time / Closed Work Orders
INVRECVD	Inventory Receipt Register
ITEMFLOW	Lists all added and deleted equipment for the PMEL contractor
LABOR	PMEL Technician List
LABRLIST	PMEL Labor Analysis
LONGSCHD	Projected RCC workload > 30 days
MAILABEL	Used to print mail labels on a dot matrix printer
METCLOSE	PMEL Closed TQP Work-Orders
METEQLBL	PMEL Equipment Label Maker
METLAB2	PMEL CTR TQP Labor Planner
METOPEN	List all Open TQP Work-Orders
METQUAL	TQP Metrics
METSEL	PMEL TQP Selected Items per Mo
METSTAT	PMEL TQP W/O by Status/Date
MGTACTP	IPE All Project Status Reports
MGTC5	C-5 Open/Closed Workorder Report
NRBUDATE	NRBU List by Selected Dates
NRBULIST	Metrology NRBU's > 60 Days
ORGSTAND	PMEL Organic Standards
OWNFLOW	Tracks Flow Time of PMEL Equipment by Owner.
OWNSTAT	Lists any given status for any given owner

PARTSDUE	Direct Purchase Back Order Report
POSTAT	Purchase Order Status Report
PMELERR	PMEL Data Error Reports
PMELHIST	PMEL TMDE History
PMELOWNR	PMEL Customer List
PMELPICK	PMEL Pick-up List
PMELPROJ	PMEL Projected Workload
PMEVAL01	PMEL Work Orders Awaiting Close
PMEVAL02	PMEL Work-Orders Closed by Date
PMLASTAT	PMEL Open Scheduled Workorders
PMLCSTAT	PMEL Current Status List
PMLRBP	PMEL RCC RBP Report
PROJHRS	1 Year Projected Workload Based on Inventory
RADQUAL	PMEL TQP Radiac Metrics
RADSEL	PMEL TQP Radiac Audit List
RCCINFO	PMEL Customer List(1-Owner/2-Command)
RCC-OWNER	Special Production PWC/RCC/DATES
RNRBYLOC	Response & Repair Perf. Analysis by Location
STABROPO	Purchase Order
STABSTA	WO/PO Status Report
STANTRKR	Tracks Standard Usage on PMEL Equipment
STAPO	PO Summary Report
STANEVAL	PMEL Standards Evaluation
STATSUM	Status Summary of PMEL Items
TECHPROD	PMEL Technician Equipment Tracker
TEMIKES	PMEL Purchase Order Funds
TMDEDELS	TMDE Inventory Including DEL and NRS
TMDEINV	TMDE Inventory List (Own Org Sort)
TMDEINVB	TMDE Inventory List (Perf RCC Sort)
TMDEINVC	TMDE Inventory List (ID No Sort)
TMDEINVD	TMDE Inventory List (Part No Sort)
TMDESCHD	TMDE Work Schedule
TMDESTAT	TMDE Status Report
TQPRPT	PMEL TQP Report Forms
WOPRINT	Metrology AF Form 134
WSRLIST	Lists valid WSR items for contractor, in order to select audits for the month
WUSR	WSR Status Evaluation for PMEL CTR
ZHILLNRS	NRTS Lists for PMEL by Date