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AIR MOBILITY COMMAND**

AIR FORCE INSTRUCTION 11-301V1



**AIR MOBILITY COMMAND
Supplement**

09 JANUARY 2019

FLYING OPERATIONS

**AIRCREW FLIGHT EQUIPMENT
PROGRAM**

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This publication supplements AFI 11-301V1, *Aircrew Flight Equipment (AFE) Program*, dated 09 October 2017, to address Air Mobility Command (AMC) specific policy on AFE programs. It applies to AMC, AMC gained Air National Guard (ANG) and AMC gained Air Force Reserve Command (AFRC) units. This publication may be supplemented at wing level. The authorities to waive wing/unit level requirements in this publication are identified with a Tier ("T-0, T-1, T-2, T-3") following the compliance statement. See AFI 33-360, *Publications and Forms Management*, for a description of the authorities associated with the Tier numbers. AFI 11-301V1 compliance items identified as Tier 2 are delegated to AMC/A3/10. Submit requests for waivers through the chain of command to the appropriate Tier waiver approval authority, or alternately, to the requestors commander for non-tiered compliance items. ANG units will submit waivers through NGB/AFE staff for review and routing to AMC. Ensure that all records created as a result of processes prescribed in this publication are maintained IAW Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of IAW Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS). Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*; route AF Forms 847 via electronic means to AMC/A3TL as the OPR. All other AF Form 847 publication change requests will be sent to the respective publication OPR IAW AFI 33-360 or AFI 11-215, *USAF Flight Manuals Program*, for flight manual publications.

SUMMARY OF CHANGES

This document has been substantially revised and must be completely reviewed. The supplement aligns AMC specific policy and guidance with AFI 11-301V1, dated 09 October 2017. Major changes are included in the areas of roles and responsibilities, AFE program management, technician training, AFE continuation training, and the AFE quality control program.

1.4.5.1. **(Added)** At a minimum the AFES and AFE Flight Chief will establish and maintain personal SIPRNET accounts **(T-3)**.

1.4.6.1. **(Added)** All assigned and gained AMC AFE personnel will maintain access to the AMC/MAF AFE SharePoint® website <https://cs2.eis.af.mil/sites/11332/default.aspx>. The site provides additional program specific resources/guidance and policy messages relevant to AFE operations **(T-3)**.

2.3.1.1. **(Added)** MFM will budget for, and ensure attendance of one AMC/A3TL SNCO subject matter expert in addition to themselves.

2.9.36.3. **(Added)** MAF AFE pilot units per MDS and UTC.

2.9.36.3.1. **(Added)** Little Rock AFB, C-130J: UTC(s) 3NJ22, 3NJ41, 3NJ4L.

2.9.36.3.2. **(Added)** Dover AFB, C-5: UTC(s) 9ALA1, 9ALA2, 9ALA3.

2.9.36.3.3. **(Added)** Joint Base Charleston, C-17: UTC(s) 9ALB1, 9ALB2, 9ALB3.

2.9.36.3.4. **(Added)** Travis AFB, KC-10: UTC(s) 3YBA3, 3YBA6.

2.9.36.3.5. **(Added)** McConnell AFB, KC-135: UTC 3YCLR, 9ALTS / KC-46: UTC 3YDE1, 3YDE2.

2.9.36.3.6. **(Added)** MacDill AFB, KC-135: UTC 3Y4E1.

2.9.36.3.7. **(Added)** Scott AFB, C-21: UTC 3NGMD.

2.9.36.3.8. **(Added)** Peoria ANGB, 182 AW, C130H: UTC(s) 3NH22, 3NH41, 3NH4L, 3NHE1, 3NHE2.

2.9.36.3.9. **(Added)** Keesler AFB, 403 WG (AFRC), WC-130J: UTC 3WJW2.

2.9.36.3.10. **(Added)** Stratton ANGB, 109 AW, LC-130: UTC(s) 3NL22, 3NL4L.

2.9.36.3.11. **(Added)** Youngstown ARS, 910 AW (AFRC) C-130H, UTC 3NS4L.

2.10.1. **Note:** AMC/ANG UMDs do not reflect earned/funded authorizations for the AFEO position. The 375 OSS (Scott AFB) and 43 AES (Pope AAF) may appoint a flight nurse as AFEO due to preponderance of the mission at these units being aeromedical evacuation.

2.10.8. **Note:** To ensure readiness reporting is accurately reflected, AFE personnel assigned duties outside their CAFSC over 130 days, and not 100% complete on qualification training, must have their training status code (TSC) changed to "P" by submitting an AF Form 2096 **(T-2)**.

2.10.13. **(Added)** Ensure units appoint at least two AFE mishap investigators for each assigned MDS, to include AFEO/AFES (N/A for ANG). AFE mishap investigators must attend the USAF Life Science Equipment Investigation Course (LSEI), J3AZR1P071 0L1A prior to assuming investigator duties. This is a unit funded course and the AFES must include the cost in budget

submissions as required. AMC allocations are distributed during the annual course schedule posting. The purpose of qualified/appointed investigators is to ensure availability for Interim Safety Investigation Boards. Additional installation specific training may be required **(T-3)**.

2.10.14. **(Added)** Incorporate AFE personnel into the Aviation Support Flying Program (ASFP) IAW AFI 11-401, *Aviation Management*, to provide improved decision-making, support, and greater feedback on services rendered.

2.13.2.1. **(Added)** AMC/A3TL is not an approval authority for equipment modifications. Modification request for AFE will be coordinated through AMC/A3TL to AFMC AFLCMC/WNUV or WNUS **(T-2)**.

2.13.7.1. **(Added)** Unit equipment shortages should be resolved at the installation level. After Superintendents have made every effort with logistics support agencies, contact AMC/A3TL via email. Email should contain nomenclature, NSN, quantity, SRAN, priority/unit justification code, off-base requisition number, and mission impact. AFRC units will contact HQ AFRC/A3RF. ANG units will contact ANG/AFE Staff in the same manner through their respective Weapon System Team Chief.

2.13.7.2. **(Added)** Equipment shortages affecting unit readiness must be reported via Defense Readiness Reporting System (DRRS) in AF-IT equipment tables and/or narrative remarks sections as appropriate **(T-2)**.

2.13.12.1. **(Added)** Ensure a copy of new support agreements involving AFE are routed to AMC/A3TL prior to implementation for review/applicability (annual reviews not required). ARC units will route to AFRC/A3RF and ANG/AFE Staff respectively **(T-2)**.

2.13.17.1. **(Added)** If units are contacted about site visits or equipment demonstrations, they must send the vendor's contact info to AMC/A3TL (ARC units will route to AFRC/A3RF and ANG/AFE Staff respectively) to request approval. If vendor visit is approved by the AMC/A3TL, specific instructions and other pertinent information will be provided to the unit. The vendor will only discuss items related to the sole purpose of the visit. If the vendor attempts conversation outside of the pre-approved topics, the unit member(s) will stop the vendor immediately and contact AMC/A3TL **(T-2)**.

2.13.17.2. **(Added)** Units will not search out commercial vendors for resolution to issues with fielded equipment without prior approval from AMC/A3TL **(T-2)**.

2.13.18.1. **(Added)** AMC/A3TL will review standardized IPI forms annually at a minimum; however, it is the AFESs responsibility through the QA NCOIC to ensure IPI forms are relevant and up to date prior to use. AFE technicians are obligated to inform the QA NCOIC when they discover invalid or outdated IPI steps on forms. The AFES/QA NCOIC will immediately notify AMC/A3TL upon discovery of IPI discrepancies **(T-2)**.

2.13.18.2. **(Added)** If TO changes affect the process or procedures for conducting the IPI, AMC/A3TL will update the affected form and notify units of the change. (i.e. if a step number changes but not the wording or content describing how to perform the step, the existing standard IPI form will remain valid until the annual review or a process/procedure change occurs).

2.13.18.3. **(Added)** Additional IPI steps may be added at the discretion of the AFES; however, approved standardized IPI steps may not be reduced/eliminated

2.13.21.1. **(Added)** Readiness reporting is required IAW AFI 10-201, *Forces Readiness Reporting*. The AFES will provide all required AFE data via the DRRS in a timely manner to ensure unit reporting is accomplished by the 15th of each month **(T-2)**.

2.13.21.2. **(Added)** Information critical to AFE readiness that is not automatically inferred from the Air Force Input Tool (AF-IT) documentation should be brought to the attention of the unit Commander, the UDM, DRRS unit Administrator, and/or unit users. This information may be included in the Commander's readiness report at their discretion.

2.13.21.3. **(Added)** Active duty AFE functions that support AFRC units without AFRC AFE technicians assigned (Dover, JB Lewis-McChord, JBMDL, and Travis) will provide AFRC reporting data as requested by the AFRC Wing which they support. Host active duty AFE flights will not include AFRC equipment in their own active duty monthly reporting **(T-2)**.

2.13.21.4. **(Added)** Other active duty units that work within a "Classic Associate" construct (JB Charleston, MacDill, McConnell, Fairchild, and Little Rock) will not provide report data for their ANG/AFRC "Classic Associate" counterpart. ANG and AFRC "Classic Associate" units are responsible for providing report data for their readiness through their independent chain of command via DRRS/AF-IT **(T-2)**.

2.13.21.4.1. **(Added)** Active duty personnel that work within an "Active Associate" construct (Birmingham, March, Pease, Scott [906 ARS], and Seymour-Johnson) will provide report data for their "Active Associate" readiness through their active duty chain of command via DRRS/AF-IT **(T-2)**.

2.13.23.1. **(Added)** All AMC and AMC gained AFE functions will use the Allowance Standard (AS) Application Guide available on the AMC/MAF AFE SharePoint® site to establish a CA/CRL Configuration Data File for all items falling under AS 450E and AS 660NK. The allowance standard guide is a two-part product consisting of a spreadsheet (Excel) document and an instructions (Word) document. The instructions provide detailed information on how to fill in the spreadsheet. MAF units must use AS 450EOOA/450EOOB/450EOOC or AS 660NK** to cite authorizations for AFE. MAF AFE functions are prohibited from utilizing AS 450A***, which is used by Combat Air Forces (CAF) units **(T-2)**.

2.13.23.1.1. **(Added)** AFE equipment custodians will use this completed document to support the requirements in AFMAN 23-122, paragraph 5.4.14, which requires the Equipment Accountable Element (EAE) office to conduct an annual Configuration Data review with equipment custodians. The configuration data file will help ensure all data set questions are answered and all available authorizations within AS 450E*** and AS 660NK** are addressed **(T-2)**.

2.13.23.1.2. **(Added)** Each unit will maintain completed (i.e. filled in) allowance standard guide spreadsheets, and review/update the spreadsheet at least semi-annually. A copy of the filled in spreadsheet tabs will be maintained in the CA/CRL Jacket file "Tab C" (electronic or hard copy according to local EAE requirements) **(T-2)**.

2.13.28.1. **(Added)** Ensure participation in the Aviation Support Flying Program (ASFP). Participation is optional for AFRC AFE personnel. ANG will follow ANG published guidance from NGB A3M.

2.13.28.2. **(Added)** To participate in the ASFP, unit AFE leadership will choose no less than three and no more than five Desired Learning Objectives (DLOs) listed below to discuss/observe. AFE personnel should talk with the aircrew during appropriate phases of flight and ground operations to satisfy these objectives. The following DLOs for AFE personnel are AMC/A3TL approved.

2.13.28.2.1. **(Added)** Mission planning familiarization and the roles and responsibilities of each aircrew position, and how their planning may require assistance from AFE.

2.13.28.2.2. **(Added)** Aircrew preflight, inventory, and inspection of AFE (this includes preflight of equipment that is conducted in the AFE facility, as well as, preflight/adjustments of equipment on the aircraft).

2.13.28.2.3. **(Added)** Crew/passenger/mission essential personnel briefings, with emphasis on AFE usage, emergency egress, and how AFE aircrew training events influence those briefings.

2.13.28.2.4. **(Added)** Communication and coordination with maintenance and various command and control agencies, with focus on AFE equipment malfunctions during preflight/inflight, and how that communication is passed to AFE personnel.

2.13.28.2.5. **(Added)** Familiarization with inflight aircrew member duties and responsibilities with respect to emergency and life sustaining equipment.

2.13.28.2.6. **(Added)** Familiarization with aircrew procedures for executing airdrop sorties to include: preflight of airdrop equipment, aircrew airdrop malfunction considerations, parachute deployment and cargo extraction during Container Delivery System (CDS), heavy equipment, and/or other types of airdrop procedures.

2.13.28.2.7. **(Added)** Familiarization with aircrew procedures during Night Vision Goggle (NVG) operations, to include: assault landing Infrared (IR) lights such as “box-and-one” lighting, NVG use in flight for visibility of other aircraft, tanker/receiver identification during aerial refueling, and loadmaster/boom operator use during airdrop/aerial refueling/cargo upload/download scenarios.

2.13.28.2.8. **(Added)** Aircrew postflight duties (AFTO Form 46/aircraft form completion, handling of COMSEC/CSEL hand-held radios and classified equipment, de-arming, de-briefing, etc.)

2.13.28.3. **(Added)** DLOs achieved during flights as a part of the ASFP will be annotated in each AFE member’s TBA record to ensure documentation of accomplishment. Supervisors who validate the accomplishment of DLOs are responsible for documenting the journal entry in TBA.

2.13.35.1. **(Added)** AMC/A3TL will provide a current Conventional Munitions Restricted Suspended (CMRS) lot listing for AMC and AMC gained units to display as required in munitions laden equipment maintenance and munitions storage locker areas.

2.13.35.2. **(Added)** The CMRS listing produced by the AMC/A3TL Staff will be available to download on the AMC/MAF AFE SharePoint® site.

2.13.35.3. **(Added)** Units will be notified of changes/updates to the listing by email.

2.13.42.1. **(Added)** Once a unit has loaded all assigned equipment into the AFERMS database, they will use the AFERMS QA/QC functions instead of AFEQAP.

2.13.46. **(Added)** Ensure as a minimum, AFES/AFEFC obtain access to the Automated Aircrew Management System (AAMS). ANG: AFES/AFEFC will work with the HARM/SARM to acquire the number of assigned flyers **(T-2)**.

2.13.46.1. **(Added)** AAMS will be considered the authoritative data source for determining the number of assigned and attached flyers.

2.13.46.2. **(Added)** AAMS system access provides the ability to independently verify current, gain, and loss of aircrew members to support accurate justification of equipment needs. Standard Aircrew Position Indicator (API) codes for personnel requiring AFE are 1, 2, 6, 8, 9, A, B, D, and F. Officers and enlisted personnel with API 0 or Z are not assigned to flying duty positions and do not require AFE. Additional information regarding APIs can be found in AFI 11-401_AMCSUP. Only APIs associated to a combat coded position will be utilized for ACBRN forecasting.

2.13.46.3. **(Added)** AFES/AFEFC will contact the wing AAMS administrator and request “wing read only” installation level access, to include cross organizationally as required at TFI units (AD/AFRC/ANG flying squadron view capability).

2.13.46.3.1. **(Added)** If necessary, contact local HARM/SARM office to assist in identifying the AAMS administrator. Additional information on requesting an account and description of the basic use to assist AFE sections with management, planning, and validation processes is located on the AMC/MAF AFE SharePoint®.

2.14.24.1. **(Added)** AMC/A3TL will provide a current Restricted and Suspended Munitions listing for AMC and AMC gained units to post in all required areas. The Conventional Munitions Suspended Restricted (CMRS) listing will be available for download on the AMC/MAF AFE SharePoint®, and units will be notified of changes/updates by email from the AMC/A3TL Staff.

2.15.11.1. **(Added)** Standardized IPI forms will be developed/provided by AMC/A3TL with input from AFESs throughout the MAJCOM. These IPI forms will be available for download from the AMC/MAF AFE SharePoint®. Additional IPI steps may be added at the discretion of the AFES; however, approved standardized IPI steps may not be reduced/eliminated **(T-2)**.

2.15.11.2. **(Added)** AMC/A3TL will publish a new IPI form within seven days of notification or discovery of a T.O. change or update that effects processes or procedures for conducting the IPI (i.e. if a step number changes but not the wording or content describing how to perform the step, the existing standard IPI form will remain valid until the annual review or a process/procedure change occurs).

3.3.7.1.1. **(Added)** AMC/MAF units will use AS 450E and 660NK

3.3.10.1.3. **(Added)** Each C-17 unit is to have three complete life raft assemblies for each assigned aircraft, plus one additional spare set (three each complete raft assemblies) per unit to be used as a maintenance turn-around set **(T-2)**.

3.3.10.1.4. **(Added)** JB Lewis-McChord and JB Charleston will maintain three turn around sets of complete life raft assemblies (nine life raft assemblies) due to the quantity of aircraft assigned at these locations **(T-2)**.

3.3.10.1.5. **(Added)** Special Purpose Recoverable Authorized Maintenance (SPRAM) accounts are established for all C-17A bases to manage accountability for existing spare complete raft

assembly sets. Only the spare raft assemblies (turn-around sets) will be on the unit SPRAM account.

3.3.10.1.6. **(Added)** Units will replace C-17A rubber rafts within the complete assembly (i.e. inflatable part only) on the first inspection after the raft is 15 years old (calculated from the date of manufacture) **(T-2)**.

3.3.10.1.7. **(Added)** SPRAM accounts: NSNs 4220-01-524-4357 or 4220-01-441-0750 are complete life raft assembly used for management purposes on SPRAM accounts. The life raft assembly includes the four XD/XF stock numbers, as well as additional XB items (components). This will reduce overall SPRAM management to the assembly rather than tracking the four individual stock numbers.

3.3.10.1.8. **(Added)** The life raft assembly stock numbers, 4220-01-524-4357 and 4220-01-441-0750 are for SPRAM management (accountability) only. AFE will never order these stock numbers other than the one time initial issue, when instructed, to establish authorizations and orders for SPRAM. When individual components of the life raft assembly are unusable; order them individually using the appropriate component's stock number or local purchase, as applicable.

3.3.10.1.9. **(Added)** AMC/A4RMP and Boeing established stock levels of replacement rafts (inflatable rubber raft only, not the complete assembly) in the unit Logistics Readiness Squadron (LRS). AFE will order replacement rubber rafts using NSN 4220-01-524-5517BA.

3.3.10.1.10. **(Added)** The Expendability, Recoverability, Reparability Code (ERRC) of the inflatable rubber raft component is XF3. This allows the AFE sections to make the final determination of the raft serviceability status at the base level.

3.3.10.1.11. **(Added)** AFE sections can turn rafts into the Logistics Readiness Squadron as condemned (Red-Tagged) to clear the Due-in For Maintenance (DIFM) details quickly. These rafts will then automatically flow to local Defense Reutilization Management Offices (DRMO). Should AFE sections require training rafts, they can withdraw rafts from DRMO as they are turned in. In some cases AFE may be able to arrange a "paperwork only" transaction with their servicing DRMO to withdraw training rafts as they are turned in. Any rafts retained for training use must be stenciled "FOR TRAINING USE ONLY" so they're not returned to operational supply stocks or use. When replacing rubber rafts at the 15 year or beyond timeframe, units may consider swapping a removed rubber raft (over 15 years old) with the old training raft depending on condition of the training raft. In this case, swap out the rafts and turn in the older training raft to clear the DIFM detail. Swapping operationally aged out rafts with training rafts will reduce maintenance and repair on the training assets.

3.3.10.1.12. **(Added)** There is a limited quantity of new metal raft containers in the system. If a unit discovers a container deemed to be unserviceable, report it to the AFE MAJCOM/FOA office, which will coordinate with AMC/A4RMP for asset availability status and ordering procedures.

3.3.10.1.13. **(Added)** C-17A AFE sections will maintain an up-to-date status of all rafts in Aircrew Flight Equipment Records Management System (AFERMS) to include condition, date of manufacture, and raft/raft assembly quantities on-hand. Due to the high cost of these assets, accurate record keeping at the unit level is critical **(T-2)**.

3.5.1.1. **(Added)** Superintendents will attempt to redistribute equipment within their wing. If excess is still available, contact AMC/A3TL via email and include nomenclature, NSN, quantity, and POC.

3.5.2.1. **(Added)** If unable to redistribute within AMC, AMC/A3TL will push requests to other MAJCOMS. If no units respond within 30 days, turn in assets to your appropriate wing agency. AFRC units will contact AFRC/A3RF. ANG units will initiate similar procedures with AFE RDO point of contact through their respective Weapon System Team Chief.

3.6.1.1. **(Added)** Units involved in aircraft transfers will transfer equipment IAW minimum equipment tables in AFI/AFMAN 11-2MDSV3 Addenda A, policies in AFI 21-103, and AFI 11-301V2. NGB/AFE Staff must approve all ANG AFE equipment transfers.

3.6.3. **(Added)** AMC units swapping like aircraft with a desire to retain local AFE may do so, provided an agreement by both gaining and losing organizations is coordinated to satisfy this instruction and ferrying aircrew mission needs. This includes equipment transfers to external MAJCOMs. All AFRC AFE equipment transfers must be approved by AFRC/A3RF. NGB/AFE Staff must approve all ANG AFE equipment transfers.

3.6.3.1. **(Added)** Losing units will ensure all equipment inspection records are sent to the gaining unit by an agreed upon method. Records must be received no later than the day of aircraft arrival at gaining unit. Parachutes, life rafts, life preservers, survival kits, and survival vests will have a minimum of 30 days serviceability when departing losing unit.

3.6.4. **(Added)** Gaining units, upon receipt of aircraft and records, will accomplish an acceptance inspection. Acceptance inspections will include equipment post-flight inspection, accountability, records review, and updating of inspection tracking databases. Repack and periodic inspection of equipment is not required if dates are current. Complete inspection and repack will be required if appropriate equipment documentation is not available. Local identification marking changes on equipment can be done upon next periodic inspection **(T-3)**.

3.7.2.1. **(Added)** AFE Flights with 30 or more full-time personnel assigned will have minimum of 6 personnel "Red-X" certified. AFE Flights with 29 or less full-time personnel assigned will have a minimum of 4 personnel "Red-X" certified. Smaller programs that have 3 or less full-time assigned 7-level personnel will "Red-X" certify all 7-levels. "Red-X" certifications are not applicable to personnel assigned to units not supporting aircraft. ANG units will ensure a minimum of 2 personnel are certified **(T-3)**.

3.7.2.2. **(Added)** TFIA units will consider the total number of full-time Active Duty/ARC manpower authorizations under the host wing to meet the above requirements and ensure certifications are distributed among both component groups. Multiple MDS units can certify the same personnel for all MDS.

3.7.3.1.1. **(Added)** "Red-X" certification requirements will also include task qualification on all aircraft installed specific equipment listed in the unit Master Task List **(T-3)**.

3.17.7. **(Added)** Units will input all available equipment identifying information into the tracking database (serial number, contract number, lot number etc.) if the field is available for input, to enable data extraction for product deficiency reporting, forecasting, fielding plans, and other various reporting needs. If units determine additional information requires tracking with a new AFERMS input field, contact MAJCOM representative for resolution.

3.18.1.1. **(Added)** All AFE personnel will complete an initial aircraft forms training class prior to working on the flight line or performing work on assigned aircraft. This training will be conducted using the aircraft forms lesson plan and PowerPoint maintained by AMC/A3TL on the AMC/MAF AFE SharePoint® site. This training is the minimum requirement to be task qualified on aircraft forms documentation within TBA **(T-2)**.

4.2.1.3.4. **(Added)** Locally assigned duty position, home station training, and deployment/UTC requirements not included in the CFETP, Part II, will be annotated using the Workcenter Job Qualification Standard (WJQS) function in TBA.

4.2.1.4.1. **(Added)** To enable/maintain ACCA task qualifications, AFE personnel will be provided complete ground crew training ensembles by their supporting Logistics Readiness Squadrons for the duration of their assignment **(T-2)**.

4.2.3.1.1. **(Added)** The AFEO/AFES will appoint task trainer/certifiers via memorandum that states a complete training record review and validation was accomplished prior to appointment **(T-2)**.

4.2.3.2.1. **(Added)** When assessing training qualifications, The AFES must ensure training status codes in the individual TBA records accurately reflect each members qualification level. Example: A 1P071 AFE technician changes assignments from an F-16 unit to a C-17 unit. The technician must remain in training status code Q until fully qualified on all C-17 required tasks, to differentiate between the readiness of fully qualified and newly assigned 7-level technicians **(T-2)**.

4.2.3.3.1. **(Added)** A TE is required on all equipment items listed in the unit's MTL for upgrade training. AFE Superintendents will determine if task re-evaluations are needed for personnel that have been previously qualified on equipment. Third party certification is not required **(T-2)**.

5.2.1.1. **(Added)** To maximize course and aircrew time availability, AFE Superintendents will review all local AFECT Instructor Guides and ensure objectives and information are not repeated in other courses, such as in SERE events (SS Courses) or CE Emergency Management events (ground crew chemical defense). The AFE Superintendent will coordinate with other functional areas to ensure objectives are taught in appropriate course(s).

5.3.2.1.1. **(Added)** Fiscal Year course allocations/schedule are provided to AMC/A3TL by 436 TS, Dyess AFB, TX (ACC). Units will contact AMC/A3TL for scheduling and provide requested personnel names/quantities for each course offered no later than 31 August each year. AMC/A3TL will prioritize and distribute allocations as required to provide equity across the command. AFRC units contact AFRC/A3RF. ANG units will contact ANG/AFE Staff for scheduling.

5.4.5.1.1. **(Added)** Additional approved course codes include: POI – J4AIP3S2X1-EF3A, 294AIP3S2X1 EF3A / BIC – 293AIR3S200 069, 256ADL3S200 000 / MTI L3ALR8B000 / J3AZRTXXXX 0P1A / AFSOC Course 356AET3S200 001 Methods of Instructions. Completion of any of the preceding courses constitutes MAJCOM approval IAW Table 4.1 Note 1.

5.4.5.1.2. **(Added)** Officers and enlisted aircrew instructors who instruct LL03/LL05 are not required to attend the Academic Instructor Course or equivalent, and are not required to

complete an AETC Form 281 as a prerequisite to instruct. These courses will not be inspected by AFE QA functions.

5.4.5.1.3. **(Added)** AFECTI(s) supporting 89 AW aircrew are not required to complete the ACCA course since there is no LL04 requirement for those aircrew.

5.4.5.2.1. **(Added)** This includes review and evaluation of all instructional materials and appropriate lesson plan(s) for the training event(s).

5.4.7. **(Added)** The AFE QA inspector will perform at least one no-notice inspection on LL04 and LL06 (a total of two inspections) annually. Each course and instructor must have been validated from start to finish during the initial certification process, therefore, a start to finish evaluation is not required during the no-notice inspection for each course (LL04 and LL06) (**T-2**).

5.4.7.1. **(Added)** This action will ensure proper oversight of AFECT events to include compliance and quality of training. Reviews of AFECT events will be documented on AETC Form 281, *Instructor Evaluation Checklist*. This evaluation will be added to AFERMS, as applicable, for follow-up monitoring. The QA inspector will place emphasis on ensuring lesson plans and power point slides are current, followed, and relevant to present operations. The QA inspector will validate training equipment used in class has an established inspection cycle, mirrors operational equipment, and is safe to use during training.

5.7.7.2. Furthermore, instruction will include aircraft emergency considerations, limitations to consider during emergency ground egress, and the Aircrew Contamination Control Area (ACCA). Crewmembers who accomplish initial ACBRN at a Technical Training Unit (TTU), Replacement Training Unit (RTU), or Formal Training Unit (FTU) will receive credit for initial training on arrival at their permanent duty station. Units will not combine this training with G010, Chemical Biological Radiological and Nuclear (CBRN) Training. If P280 is only required annually, then recommend LL04 is accomplished in a different semiannual period.

5.7.7.3.1. **(Added)** All crewmembers will don the ACBRN gear for no less than one hour during the training period. Instruction will include (as a minimum) aircraft emergency considerations, limitations to consider during emergency ground egress, and Aircrew Contamination Control Area (ACCA). **Note:** 100% processing through ACCA is not required. AFRC units will follow AFRC specific guidance. ANG units will follow ANG specific guidance. There are no restrictions on when aircrew will don the ACBRN gear; i.e. aircrew can begin the class by inventorying and donning the gear and continue to wear it while academic portions are covered to meet the hour of wear time. Additional tasks can be accomplished during this wear time as well, to include pre-flight training, equipment fit checks, etc. and members can/should be credited with LL04 completion during local exercises or events that satisfy the course objectives.

5.7.10.2.1. **(Added)** Attached MAF aircrew members who are senior officers or assigned to MAJCOM Headquarters, NAFs, the 618 AOC (TACC), AFMC, and USAF Expeditionary Center are not required to be issued a D-Bag. Therefore, those aircrew members are not required to complete the LL07 AERP sizing/mask fit check. All other applicable equipment fit checks are still required to be completed.

5.8.3.1.1.1. **(Added)** AFE will maintain sufficient quantities (as determined by AFES/AFEFC) of ACBRN equipment training bags. Refer to the appropriate allowance standards for ACBRN

equipment training authorizations. These training D-Bags are for primarily ground training events (e.g. Simulator, ACCA), but may be used for flying training events (e.g. TQT events including actual aircraft flight in a non-CBRN environment) as long as the training equipment is inspected and maintained at the same level as operational equipment. However, training equipment is not authorized to replace operational D-Bags for flying operations in a CBRN environment.

5.11.1.1. **(Added)** The AFEO or AFES will send a signed memo to their local Aviation Resource Management (ARM) office identifying the AFE personnel qualified to certify AF Form 1522(s) or equivalent for all LL events. A copy of this memo will be maintained in the continuity binder in tab 5. As a minimum this memo will include a full list of personnel qualified by event, date of initial qualification and trainer. The letter will be updated as required for training qualifications and personnel moves.

5.11.4. **(Added)** Each AFE function will maintain an AFECT continuity binder using the following format **(T-2)**.

5.11.4.1. **(Added)** Tab 1 – AFEO/AFES certification memorandum signed by the OSS/CC or equivalent. This memorandum confirms the AFEO and AFES are qualified to certify all AFECT events IAW AFI 11-301V1.

5.11.4.2. **(Added)** Tab 2 – AFECTI appointment memorandum signed by AFEO/AFES.

5.11.4.3. **(Added)** Tab 3 – AFEO/AFES approved lesson plans for each AFECT event.

5.11.4.4. **(Added)** Tab 4 – AFECTI qualification documentation (formal training certificate, physiological training certificate, instructor initial evaluation AETC Form 281 for each event).

5.11.4.5. **(Added)** Tab 5 – ARM memorandum identifying personnel authorized to certify AF Form 1522.

6.1.4.1.1. **(Added)** A 1P071 technician can be substituted by a 1P051 technician, SERE or Intel specialist if an AFE 7-level is unavailable for IPIs on AN/PRQ-7A CSEL radios or if the deployed location is a one-deep position. If 1P051, SERE, or Intel Specialist substitution is necessary, those individuals deemed qualified must still be annotated on an automated SCR, or designated by the unit Commander via appointment letter to perform the specific task.

6.1.4.1.2. **(Added)** IPIs will be documented on the standardized IPI forms located on the AMC/MAF AFE SharePoint®. Additional IPI steps may be added at the discretion of the AFES; however, approved standardized IPI steps may not be reduced/eliminated **(T-2)**.

6.1.4.2.1. **(Added)** The ML-4 is the only survival kit AMC and AMC gained units are required to conduct IPIs on **(T-2)**.

DARREN V. JAMES, Brig Gen, USAF
Dir Ops/Strat Deter & Nuclear Integ

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFI 11-301V1, *Aircrew Flight Equipment (AFE) Program*, 10 October 2017

Prescribed Forms

No Forms Prescribed

Adopted Forms

AETC Form 281, *Instructor Evaluation Checklist*

Abbreviations and Acronyms

AAMS—Automated Aircrew Management System

AFERMS—Aircrew Flight Equipment Records Management System

API—Aircrew Position Indicator

ASFP—Aviation Support Flying Program

CDS—Container Delivery System

CMRS—Conventional Munitions Restricted/Suspended

COMSEC—Communications Security

CSEL—Combat Survivor Evader Locator

DIFM—Due In For Maintenance

DLO—Desired Learning Objective

DRMO—Defense Reutilization Management Office

IR—Infrared

MJF—MAJCOM Judicator Functional

RDO—Redistribution Order

SARDOT—Search and Rescue Point

SRAN—Stock Record Account Number