

**BY ORDER OF THE COMMANDER
AIR FORCE SUSTAINMENT CENTER**

**AIR FORCE SUSTAINMENT CENTER
INSTRUCTION 10-202**



**31 JULY 2024
Certified Current, 19 November 2025
Operations**

**AIRCRAFT BATTLE
DAMAGE REPAIR FORCES**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: Publications and forms are available on the e-Publishing website at www.e-Publishing.af.mil for downloading or ordering

RELEASABILITY: There are no releasability restrictions on this publication

OPR: AFSC/LZD

Certified by: AFSC/LZD
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Pages: 29

This instruction implements AFPD 10-2, Readiness, AFPD 21-1, *Air and Space Maintenance*, and DAFI 21-101, *Aircraft and Equipment Maintenance Management*. This establishes policy and assigns responsibilities for the aircraft battle damage repair program manager, functional manager, technical support office and active-duty aircraft battle damage repair forces as they prepare to achieve and maintain the required level of readiness necessary to meet their assigned tasking. Waiver authority for this instruction is AFSC/LZDB. This publication does not apply to Air National Guard (ANG) or Air Force Reserve Command (AFRC) and their units. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using Air Force (AF) Form 847, Recommendation for Change of Publication. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 33 -363, *Management of Records*, and disposed of in accordance with the Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS) located at <https://www.my.af.mil/afirms/afirms/afirms/rims.cfm>. This instruction requires collecting and maintaining information protected by the Privacy Act of 1974 authorized by Title 10 United States Code (USC) 8013, Secretary of the Air Force. System of records notice F021 AF IL A, Core Automated Maintenance System (CAMS), and F036 AF PC A, Effectiveness/Performance Reporting Records, apply. See **Attachment 1** for a glossary of references and supporting information.

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Chapter 1

RESPONSIBILITIES

1.1. AFSC/CC.

1.1.1. Assigned as OPR for the Aircraft Battle Damage Repair (ABDR) functional area as outlined in DAFI 21-101. The ABDR functional area consists of the ABDR Program Manager, ABDR Functional Area Manager, and the ABDR Technical Support Office (TSO).

1.1.2. Assigns an ABDR Program Manager within AFSC/LZDB. The ABDR Program Manager's responsibilities are outlined in [paragraph 1.2](#).

1.1.3. Assigns an ABDR Functional Area Manager within AFSC/LZDB. The ABDR Functional Area Manager's responsibilities are outlined in [paragraph 1.3](#).

1.1.4. Ensures Resource Manager/Advisor is assigned to assist ABDR Program Manager with budget and funding issues.

1.2. ABDR Program Manager.

1.2.1. Establishes policy, guidance, procedures, and standards, and provides oversight to ABDR force operations per DAFI 21-101.

1.2.2. Responsible for ABDR budget and funding issues to support program requirements.

1.2.3. Responsible for maintaining the ABDR TSO with adequate resources (funding, manpower, and equipment) and authority to carry out responsibilities outlined in [Chapter 2](#).

1.2.3.1. Authorizes, when requested, the ABDR TSO direct communication with Headquarters United States Air Force (HQ USAF), Major Commands (MAJCOMs), and other Department of Defense (DoD) and government agencies, at all organizational levels, to maintain the program.

1.2.4. Assists ABDR Functional Area Manager with all responsibilities outlined in [paragraph 1.3](#).

1.3. ABDR Functional Manager.

1.3.1. Perform functional manager responsibilities outlined in DAFI 10-401, *Air Force Operations Planning and Execution*; AFI 10-403, *Deployment Planning and Execution*.

1.3.2. Responsible for developing, managing, planning, and execution of requirements to support the ABDR mission per AF WMP-1, AFMC WMP-1, Air Force Materiel Command War and Mobilization Plan, Volume 1, Basic Plan and Support, and AFMC WMP-3, Air Force Materiel Command War and Mobilization Plan, Volume 3, Combat and Support Forces.

1.3.3. Responsible for monitoring combat readiness through the Defense Readiness Reporting System and Deliberate and Crisis Action Planning and Execution Segments (DCAPES). Perform Functional Area Manager responsibilities outlined in AFI 10-201 AFMCSUP 1 *Status of Resources and Training Systems*, and AFI 10-224, *Reporting. Status of Aerospace Expeditionary Forces*.

1.3.4. Assists ABDR Program Manager with all responsibilities outlined in [paragraph 1.2](#).

1.3.5. Coordinates with HQ AFMC, as required, to post EQUAL-Plus advertisements on Talent Marketplace (TM) to fill personnel shortages, request Permanent Change of Assignment (PCA) or Permanent Change of Station (PCS) actions, request extensions or relief from assignment availability codes, and resolve general enlisted assignment issues.

1.3.6. Maintains list of MAJCOM ABDR OPRs/POCs. Performs annual review of MAJCOM CONOPS.

1.3.7. Ensures the development of Inspector General (IG), Unit Compliance Inspection (UCI), and Staff Assistance Visit (SAV) checklists when required to be used during inspections or evaluations. Performs Pertinent Oversight Authority (POA) duties and manages ABDR Management Internal Tool Kit (MICT) checklist.

Chapter 2

ABDR TECHNICAL SUPPORT OFFICE

2.1. Mission. The ABDR Operations Manager and ABDR TSO will advocate and manage program requirements associated with the development, implementation, maintenance, training, and support functions essential to the enhancement of USAF ABDR capabilities.

2.2. ABDR Operations Manager Responsibilities.

2.2.1. The ABDR Operations Manager will:

2.2.1.1. Project annual and future funding requirements for ABDR trailer maintenance and upgrades to AFSC/LZDB. Budgeting for ABDR trailers will be accomplished at the corporate level, including biannual inspection requirements.

2.2.1.2. Manage ABDR training aircraft program per [Chapter 8](#).

2.2.1.3. Provide technical and management support to interservice and international ABDR working groups, and ABDR activities associated with joint live fire testing. The ABDR TSO will maintain a working relationship with the Defense Systems Information Analysis Center (DSIAC).

2.2.1.4. Assists AFLCMC/EZJ management of the Air Force's DoD JCAT program responsibilities.

2.2.1.5. Maintain appropriate security clearances to assist Program Offices with the development of weapon system specific ABDR tech orders. Ensure adequate personnel between the servicing EDMX and the TSO have been read into applicable aircraft programs to support technical data development and maintenance.

2.2.1.6. Maintain a current copy of ABDR site training and exercise events.

2.2.1.7. Assist ABDR TSO Manager with all responsibilities outlined in [paragraph 2.3](#).

2.3. ABDR TSO Manager Responsibilities.

2.3.1. The ABDR TSO Manager will:

2.3.1.1. Manage the development, publication, and maintenance of Technical Order (TO) 1-1H- 39, Aircraft Battle Damage Repair. The TSO is the content manager and is responsible for all changes. The TSO will communicate with the engineering authority located within the Air Force Life Cycle Management Center for change requests of technical nature. Submit all changes to the ABDR TSO using Air Force Technical Order (AFTO) Form 22, Technical Manual (TM) Change Recommendation and Reply. Manages AFTO 97 series forms. Maintains historical AFTO Form 97s generated from real world events for the Air Force.

2.3.1.2. Manage, publish, and maintain formal ABDR technician course standards, requirements, and curriculum.

2.3.1.2.1. Each EDMX unit is responsible for developing and reviewing their respective weapon system specific combined ABDR courses. Each of the combined courses will be managed, maintained, and approved by the ABDR TSO. See [Table 5.1](#) for a list of courses.

- 2.3.1.2.2. All courses will be reviewed every three years. Forward all course change requests to the ABDR TSO for consideration.
- 2.3.1.3. Manage ABDR trailer and assessor kit programs per [Chapter 7](#).
- 2.3.1.4. Support all Air Force and System Program Office (SPO) initiatives to develop, publish, and maintain weapon system specific –39 TOs. Each SPO maintains responsibility for their respective specific -39 TOs to include all changes.
- 2.3.1.4.1. Ensure TSO members maintain appropriate security clearances to assist Program Offices with the development of weapon system specific ABDR tech orders. Ensure personnel have been read into applicable aircraft programs to support technical data development and maintenance as required.
- 2.3.1.5. Support AFLCMC/EZPT and AFMC laboratories in determining technical requirements, repair techniques, repair materials, assessment aids, and research and development efforts.
- 2.3.1.6. Assist ABDR TSO Manager with all responsibilities outlined in [paragraph 2.2](#).
- 2.3.1.7. Perform biannual review of ABDR Trailer Logistics Details (LOGDET) in Logistics Module (LOGMOD) system. Report all changes and/or corrections to ABDR FAM and AFMC/A4/10/A4RX.

Chapter 3

AIRCRAFT BATTLE DAMAGE REPAIR RESOURCES

3.1. Aircraft Battle Damage Repair Forces. Provide Combatant Commanders (COCOM) and Commander, Air Force Forces (COMAFFOR) with unique and specialized logistics capabilities. Due to the nature of ABDR, it has been determined as a mission critical/essential workforce.

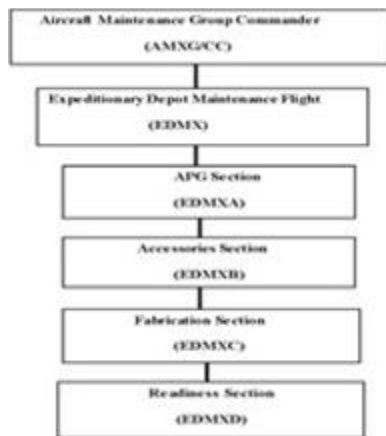
3.1.1. The ABDR mission is to provide deployable, highly trained, and mobile combat Demand Force Teams (DFT). ABDR forces are an effective force multiplier directly contributing to wartime sortie production by assessing and repairing damaged aircraft rapidly to support flying operations. Teams deploy worldwide on short notice to support operational, total force requirements.

3.2. Organization.

3.2.1. ABDR forces are composed of military personnel from multiple aircraft maintenance specialties. ABDR force packages are located at each Air Logistics Complex (ALC).

3.2.2. ABDR forces are functionally aligned under the Aircraft Maintenance Group (AMXG) as the Expeditionary Depot Maintenance (EDMX) Flight and should be organized using the blueprint in [Figure 3.1](#). Office symbols and titles are the responsibility of the AMXG Commander; however, symbols and titles used in [Figure 3.1](#) are mandatory for uniformity across ALCs.

Figure 3.1. ABDR Force Structure.



3.3. AMXG/CC Responsibilities. Perform Command functions outlined by public law or directives common to all Air Force Commanders. These responsibilities may be delegated to a Squadron Commander as long as all military Commander requirements are met. In addition, the Group/Squadron Commander will:

3.3.1. Appoint a resource advisor to assist the EDMX Flight Superintendent with responsibilities outlined in this instruction.

3.3.2. Ensure local operating instruction is developed outlining training requirements.

3.3.3. Ensure the unit is organized, trained, equipped, and capable of deploying in response to taskings. EDMX members will not be assigned as UDMs as they are attached to UTCs.

3.3.4. Ensure qualified personnel are appointed by memorandum to accomplish ABDR assessments in accordance with TO 1-1H-39, *Aircraft Battle Damage Repair Manual – General*.

3.3.5. Appoint Defense Readiness Reporting System (DRRS) monitors in writing and ensure they are familiar with DAFI 10-201 AFMCSUP 1, DAFI 10-244, and DAFI 10-403.

3.3.5.1. Review applicable Designed Operational Capability (DOC) statement, mobility, contingency, and exercise plans, and ensure processes are established to meet tasked requirements.

3.3.5.2. Review monthly DRRS reports.

3.3.5.3. ABDR forces are aligned as Demand Force Teams and should be assigned an AFFORGEN Employment Force Indicator of “EF” for Excepted Forces.

3.3.6. Ensure personnel are utilized in support of ABDR core competencies. Manpower augmentation requests for field-level work will be evaluated on a case-by-case basis and approved by exception only. Requests must be of a mission critical nature and fully coordinated with the applicable MAJCOM and AFSC/LZDB to ensure all options are exhausted before consideration is given.

3.3.7. Ensure tool control programs are in-place in accordance with Chapter 10 of DAFI 21-101.

3.3.8. Ensure readiness exercises assess EDMX flight deployment and employment effectiveness, efficiency, and meets the deployment requirements outlined in DOC statements and **Chapter 4** of this instruction.

3.4. Flight Superintendent Responsibilities. Performs overall supervision and management of daily maintenance activities, advises the Commander on technical matters, provides necessary administration, and manages resources necessary to accomplish the mission. The Flight Superintendent will assist the Group Commander in administering responsibilities outlined in **Paragraph 3.3**, as well as:

3.4.1. Ensure manpower and all levels of supervision are equitably distributed for all duty periods based on manning and workload.

3.4.2. Monitor additional duties, leave, training requirements, and details.

3.4.3. All precautions should be taken to only use personnel within their assigned Air Force Specialty Code (AFSC). If required, monitor all personnel working outside of their primary AFSC to ensure that it does not hamper mission accomplishment.

3.4.4. Manage the special certification roster. Ensure the roster is reviewed quarterly 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.

3.4.5. Review the monthly AF-IT and DRRS reports. Take appropriate, timely action to rectify resource/training issues within the unit’s capability. Notify the Group Commander and the ABDR Functional Area Manager at AFSC/LZDB, as required.

3.4.6. Review monthly, all personnel with medical assignment limitation code C.

3.4.6.1. When requested provide individual information on each code C person to AFSC/LZDB and during monthly briefings to senior leaders. Include name, rank, AFSC, what profile is for, permanent or temporary, 4T (temporary) date, 4T review date, Medical Evaluation Board (MEB) date, MEB review date, Physical Evaluation Board (PEB) date, PEB review date, code C date, and review date.

3.4.6.2. Coordinate PCA or PCS actions on code C personnel with a review date equal to or greater than 12 months. Send the memorandum signed by the Group Commander recommending PCA/PCS action to AFSC/LZDB and include potential PCA information, if known. AFSC/LZDB, in turn, will add functional recommendation and forward to HQ AFMC for action. It should be noted that an Assignment Availability Code may preclude the PCS of a member leaving PCA as the only option.

3.4.7. Review quarterly, the duty status and Deployment Availability (DAV) codes of all assigned personnel in accordance with DAFI 10-403. Any member not available to deploy for more than 180 days shall be considered for reassignment. Send the memorandum signed by the Group Commander recommending PCA/PCS action to AFSC/LZDB and include potential PCA information, if known. AFSC/LZDB, in turn, will add functional recommendation and forward to HQ AFMC for action.

3.4.8. Ensure personnel authorized and assigned are adequate to support the unit mission, and AFSCs on the Unit Manning Document (UMD) align with the Unit Type Code (UTC) requirements.

3.4.8.1. Review applicable MAJCOM ABDR CONOPS for specific MDS support requirements (e.g., security clearances, special training, etc.). Take actions to ensure members can meet those requirements or coordinate with the applicable MAJCOM and AFSC/LZDB for alternative options.

3.4.9. Maintain a current copy of the Unit Manpower Personnel Roster (UMPR). Allocate projected gains against pending or actual vacant slots. Maintain a record of personnel actions and verify the approved personnel data subsystem entries are updated.

3.4.10. Ensure Special Experience Identifier (SEI) is awarded to individuals meeting the qualification criteria and it is reflected in the personnel data subsystem. Manage Special Duty Assignment Pay (SDAP) for unit as applicable and ensure CSS or MPF/Professional Enhancements are placing assignment availability codes on newly assigned personnel IAW current Stabilized Tour Guide (STG) and Personnel Services Delivery Guide (PSDG).

3.4.11. Coordinate, as required, with AFSC/LZDB to post special duty advertisements on Talent Marketplace to fill personnel shortages, request PCA actions, request extensions or relief from assignment availability codes, and resolve general enlisted assignment issues.

3.4.12. Quality Assurance (QA) Augmentation. The ABDR functional area does not warrant full-time positions in the AMXG/QA office, but specialized expertise is warranted and may be supported by augmentees.

3.4.13. Additional duties are a necessity for any organization to complete their mission. Special care shall be taken to prevent additional duties from becoming a permanently assigned duty. At a minimum, appoint personnel to the following additional duties:

3.4.13.1. QA augmentee duty, if required, by the AMXG/QP Chief Inspector.

- 3.4.13.2. ABDR training programs. Ensure appointed individual is familiar with the requirements of **Chapter 5**.
- 3.4.13.3. ABDR tool programs. Ensure appointed individual is familiar with the requirements of **Chapter 7** and DAFI 21-101 Chapter 10.
- 3.4.13.4. ABDR training aircraft program. Ensure appointed individual is familiar with the requirements of **Chapter 8**.
- 3.4.14. Respond to requests for personnel assistance according to T.O. 00-25-107, *Maintenance Assistance*.
 - 3.4.14.1. Ensure qualified and experienced personnel are selected to fulfill ABDR and Depot Field Team (DFT) repair requirements.
 - 3.4.14.2. Ensure peacetime-deployed personnel, tasked in the Operational Plan (OPLAN) and associated TPFDD, redeploy, as required, to meet contingency deployment schedules.
 - 3.4.14.3. Ensure ABDR forces, during peacetime, are utilized per **Chapter 6**.
- 3.4.15. Direct and provide oversight to readiness exercises and assess EDMX flight deployment/ employment effectiveness and efficiency.
 - 3.4.15.1. Ensure assessment includes applicable Air Force common inspection items from AFI 90-201, *Air Force Inspection System*, and AFMC inspection items located in AFI 90-201 AFMCSUP 1, *Air Force Inspection System*.
 - 3.4.15.2. Ensure all assigned UTCs participate in an employment exercise at least annually. At the Commander's discretion, participation in real world contingencies, Command phase exercises, or base level field exercises satisfies this requirement.
 - 3.4.15.3. Support ABDRE training and qualification requirements. Provide a quarterly training and exercise forecast to local AFLCMC/ABDRE site leads. Provide updated training and exercise schedule to ABDR Operations Manager with seat availability.
 - 3.4.15.4. Participate, as necessary, in Joint Chiefs of Staff, North Atlantic Treaty Organization (NATO), joint Service, MAJCOM, wing/base level, and/or local, field training exercises.
 - 3.4.15.5. Request SAVs, as required, through AFSC/LZDB.
- 3.4.16. Track all on- and off-station workload support using a locally developed database. Report data to AFSC/LZDB as requested. Retain data for a minimum of 3 fiscal years.
- 3.4.17. Manage the Team Chief and Assessor Appointment Roster. Ensure team chiefs and assessors meet qualification and training requirements. Recommend qualified team chiefs and assessors for appointment by the Group Commander.
- 3.4.18. Ensure new personnel assigned to the flight are familiar with this instruction.
- 3.4.19. Review status of training programs monthly. Ensure upgrade training and qualification programs emphasize quality and are not primarily focused on meeting minimum upgrade time frames.
- 3.4.20. Execute guidance and procedures for the planning, programming, budgeting, and execution of ABDR funding.

3.4.21. Ensure AFTO Forms 97, Aerospace Vehicle Battle Damage Incident Debrief/Assessment/ Repair Record and 781-series, Arms Aircrew/Mission Flight Data Document, are maintained for each assigned ABDR training aircraft, or component, to provide status of system serviceability to include warning tags, and to document ABDR training actions to reflect aircraft current conditions.

3.4.22. Assign Section Chiefs.

3.5. Section Chief. The Section Chief is responsible to the Flight Superintendent for the leadership, supervision, and training of assigned personnel. The Section Chief is a first-line manager and supervisor and, as such, is the technical authority and advisor in that area. Some responsibilities listed may only apply to particular sections and, therefore, only apply if the function is performed. In addition to applicable duties outlined in DAFI 21-101 Chapter 2, the Section Chief will:

3.5.1. Ensure training requirements are executed to support established training plan and individual AFSC Career Field Education and Training Plans (CFETPs).

3.5.2. Manage shift manpower distribution, if applicable, and make necessary adjustments. Equitably distribute all levels of supervision based on manning and workload. Identify imbalances between authorizations and the number of personnel assigned to the Flight Superintendent.

3.5.3. Ensure housekeeping, safety, security, and environmental control standards are followed.

3.5.4. Evaluate qualifications and training of assigned personnel.

3.5.5. Develop Cross Utilization Training (CUT) requirements, as required, by the unit mission.

3.5.6. Coordinate the work schedule with the Flight Superintendent to ensure sufficient people are available to support mission requirements.

3.5.7. Manage administrative details, including personnel performance reports, additional duties, training, appointments, etc.

3.5.8. Ensure personnel and equipment are identified and prepared to deploy for taskings in accordance with AFI 10-403 *Deployment Planning and Execution*, DAFI 36-3802, *Force Support Readiness Programs*, and AFMAN 10-409-O, *Support to Adaptive Planning*.

3.5.9. Conduct and report self-inspections.

3.5.10. Provide work and workforce planning factors (projected leaves, etc.) to the Flight Superintendent.

Chapter 4

MOBILE FORCES

4.1. Contingency/Wartime Capabilities. During contingency and wartime, ABDR forces are organized into standard deployable UTCs. Team sizes and personnel skills are tailored, as required, to meet mission requirements. Deployed teams are dependent on available facilities and require base operating support. Teams can also be redeployed to other locations to meet new mission requirements.

4.1.1. ABDR teams are specially trained in expeditionary depot maintenance practices. Teams repair battle damaged aircraft and components in accordance with TO 1 -1H-39 and aircraft specific technical data. Additionally, they prepare aircraft for packaging/crating, provide crash damage repair and retrograde, organizational, intermediate, and depot-level maintenance and modifications on aircraft and aircraft systems to improve aircraft fleet readiness. Teams carry a limited number of specialized tools and material. Team chiefs' control ABDR teams and are the principal advisors to the supported Commander and wing A4 staff.

4.1.2. ABDR engineers deploy as separate UTCs and may integrate with associated ABDR teams. Each engineer is primarily trained to support a single weapon system but will provide limited assistance on other aircraft. Each engineer provides on-site engineering support to organic and ABDR maintenance teams for all phases of maintenance, modification, and aircraft damage assessment and repair. Engineers can authorize deviations to technical order instructions, and act as a liaison between the weapon system support manager and the unit. ABDR engineers are governed by AFMCI 10-210, *Aircraft Battle Damage Repair Engineering*.

4.2. Mission Requirements.

4.2.1. All personnel subject to deployment must:

4.2.1.1. Be medically qualified for worldwide deployment.

4.2.1.2. Be capable of accomplishing heavy, physical labor and live under field conditions.

4.2.1.3. Possess a five-skill level or higher, if enlisted, and be highly qualified in controlled AFSC.

4.2.1.4. Be qualified to bear arms according to AFI 31-117, *Arming and Use of Force by Air Force Personnel*.

4.2.1.5. Possess appropriate security clearance.

4.2.1.6. Prepare the necessary paperwork to obtain a passport (military/civilian). Members will maintain all required paperwork until processing is required to support a tasking that mandates a passport in accordance with the DoDD 4500.54E, *Foreign Clearance Program (FCP)*.

4.2.1.7. Possess an AF Form 1199-series, *Air Force Entry Control Card (Accountable)*.

4.2.1.8. Maintain a current respirator fit test.

4.2.2. Personnel who become permanently unable to meet these mission requirements will be reclassified according to AFI 36 -2101, *Classifying Military Personnel (Officer and Enlisted)*.

4.3. Deployment Requirements. ABDR forces are required to deploy with individual equipment, Composite Tool Kits (CTKs), weapons, and other necessary equipment and material to support OPLAN taskings.

4.3.1. Standard Equipment.

4.3.1.1. ABDR forces must have standard A, B, and C mobility bags readily available for short notice taskings. Nonstandard equipment items may be added at the Commander's option. Equipment does not have to be physically possessed by the ABDR unit as long as assets are available through the local mobility functions.

4.3.1.2. ABDR forces must have clothing and personal items to satisfy AFI 10 – 403 *Deployment Planning and Execution requirements*.

4.3.1.3. Each ABDR member must have an appropriate respirator available for deployment based on MDS support needs. Respirators may be possessed by the AMXG or available through the local ALC, but sufficient numbers must be present to provide one per deployable member.

4.3.2. ABDR Specific Equipment.

4.3.2.1. Individual Body Armor (IBA) will be required for all UTC tasked personnel but will not be AF-IT reportable.

4.3.2.2. Voice emitters and camelbacks are desired equipment but will not be AF-IT reportable.

4.3.2.3. One CTK will be available for deployment for each aircraft maintenance manpower requirement reflected in the deployable force package with the exception of the team chief.

4.3.2.4. Two Precision Measurement Equipment Laboratory (PMEL) kits will be available for deployment for each aircraft maintenance UTC. Kits will contain, at a minimum, items listed in Technical Order 1-1H-39, Table 11-2..

4.3.2.5. Each ABDR assessor will deploy with an assessor kit per TO 1-1H-39, Table 11-1. All ABDR teams will train and equip a minimum of two assessors per team and a minimum one assessor will be Joint Combat Assessment Team (JCAT) qualified. Two assessors on ABDR teams are required to meet 24-hour coverage demands, to include coverage when a team is fragmented to meet special mission requirements.

4.4. Weapons and Ammunition Requirements. One weapon will be available for each manpower requirement reflected in deployable force packages. The supported Combatant Commander makes the decision to deploy with or without weapons, and this information will be passed to each unit via deployment order or deployment equipment guidance.

4.4.1. If weapons are required, each individual assigned to a position is issued an M-16/M-4 or equivalent rifle upon deployment. Couriers are issued M-9 pistols due to individual weapons requirements at deployed location.

4.4.2. Team chiefs may be issued and carry an M-9 pistol at the Group Commander's discretion.

4.4.3. Each individual deploys with the ammunition loads specified in AFMAN 21-201, *Munitions Management*, for their assigned weapon unless otherwise specified by the theater arming requirements in the reporting instructions.

Chapter 5

TRAINING

5.1. General. ABDR forces will train to meet all required mission objectives. Focus will be on deployment, employment, wartime/contingency operations, force management, integration with supported Command and logistics support, methods and techniques.

5.2. Mandatory Training Requirements.

5.2.1. Training requirements listed in **Table 5.1** are mandatory for ABDR personnel subject to deployment. Additionally, ABDR members will remain current on applicable Ready Airmen Training requirements. EDMX supervision should incorporate Readiness Training Area objectives into local exercises to the maximum extent possible where it is most economical to meet training event requirements.

5.2.2. Additional training may be required by the supported Commander. Reporting instructions and Deployment Requirements Manning Document (DRMD) line remarks identify theater-specific training requirements.

5.2.3. Training records are to be maintained in accordance with AFI 36-2650 AFMCSUP *Personnel Maintenance Training*.

5.3. Training Program.

5.3.1. The training function must include training administration and a source of task training to achieve qualification not satisfied by external, formal training sources. The training program structure, specific functional responsibilities, and critical task qualification procedures will be defined in an organizational (unit) instruction. References for developing ABDR training programs are AFPD 36-26, *Total Force Development and Management*; AFI 36-2201, *Air Force Training Program*; AFI 36-2650, AETCI 36-2203, *Technical and Basic Military Training Development*, and AETCI 36-2202, *Faculty Development and Master Instructor Programs*.

5.3.2. A comprehensive, initial evaluation of every newly-assigned individual will be accomplished. Each unit will use the master training plan to identify the required tasks for each skill level, and the means of achieving qualification on those tasks.

5.4. ABDR Training Instructors.

5.4.1. Qualification criteria:

5.4.1.1. Possess personal qualifications that consistently demonstrate professionalism, excellence in workmanship, proven trustworthiness, and a commitment to performing training.

5.4.1.2. Possess the ability to speak clearly and distinctly.

5.4.1.3. Be proficient in all mandatory tasks identified in the CFETP, and task qualifications identified by the work center supervisor.

5.4.1.4. Hold a seven-skill level in a maintenance AFSC (2AX7X).

5.4.1.5. Complete Plan of Instruction (POI) course or equivalent. Short-term waivers not exceeding 12 months may be granted if sufficient justification exists. Waivers must be in writing on a case-by-case basis. ABDR Flight Superintendents are the waiver authority for instructors teaching at their respective location.

5.4.1.6. Complete subject matter qualification training for all courses he or she will instruct.

Table 5.1. ABDR Personnel Training Requirements.

COURSE TITLE/TRAINING REQUIREMENT	APPLICABLE PERSONNEL	REQUIRED FREQUENCY
**ABDR Training		
ABDR Initial Technician	All Aircraft Maintenance Personnel	1 time
ABDR Technician Refresher	All Aircraft Maintenance Personnel	15 months
F-16/A-10 Assessor Course	All PAFSC 2AX7X Aircraft Maintenance Personnel	15 months
Tanker/Bomber Assessor Course	All PAFSC 2AX7X Aircraft Maintenance Personnel	15 months
Strategic Airlift Assessor Course	All PAFSC 2AX7X Aircraft Maintenance Personnel	15 months
F-22 Assessor Course	All PAFSC 2AX7X Aircraft Maintenance Personnel	15 months
F-15 Assessor Course	All PAFSC 2AX7X Aircraft Maintenance Personnel	15 months
H-60 Assessor Course	All PAFSC 2AX7X Aircraft Maintenance Personnel	15 months
F-35 Assessor Course	All PAFSC 2AX7X Aircraft Maintenance Personnel	15 months
COURSE TITLE/TRAINING REQUIREMENT	APPLICABLE PERSONNEL	REQUIRED FREQUENCY
Weapons and Ammunition Couriers	Minimum of Two Individuals Per HFUA* UTC Over Seven Pax	Per AFI 10-403
Cargo Preparation/Pallet Build-Up	Minimum of One Individual Per HFUA* UTC	Per AFI 10-403
Maintenance Qualification	All Aircraft Maintenance Personnel	Per AFI 36-2232
**Personnel are required, but not limited to complete training on assigned UTC airframes.		

Chapter 6

NON-CONTINGENCY UTILIZATION POLICY

6.1. General. ABDR Forces work with the ALC production organizations and weapon system support managers, or equivalent counterparts, in support of ALC workloads. The use of ABDR personnel in depot work centers provides valuable working experience, which contributes to their increased expertise in aircraft maintenance. Every effort must be made to ensure support provides ABDR personnel with quality training versus an emphasis on manpower augmentation.

6.1.1. ABDR personnel will only be tasked with workloads that enhance training, proficiency of core task, or contingency/wartime capability.

6.1.2. ABDR personnel will participate in the Wing/Group detail program pending EDMX Superintendent approval. Long-term details greater than 90 days such as honor guard is not acceptable due to the unpredictable nature of the ABDR mission.

6.1.3. ABDR personnel will not replace any existing or future civilian manpower authorizations or supervisory positions. Nothing in this instruction will be interpreted to preclude the combining of military and civilian personnel to perform mission tasks.

6.1.4. ABDR personnel will be organized into Depot Field Teams that provide technical assistance or perform specified maintenance and modification tasks on aircraft or aerospace equipment. Team sizes and personnel skills are determined on a case-by-case basis to support TO 00-25- 107 and AMXG-generated workload requests.

6.2. AMXG Responsibilities.

6.2.1. Ensure ABDR personnel are utilized as an integral part of the production workforce for on and off-base workloads, as long as the work is in support of primary training for wartime skills, i.e., weapon system hands-on experience.

6.2.1.1. ABDR wartime mission readiness requirements will take priority over production workload requirements and details. Be prepared to assume workload being performed by ABDR personnel when a higher priority (contingency) tasking is received. This workload may include, but is not limited to, Depot Field Teams, ABDR, or home station taskings.

6.2.1.2. ABDR personnel detailed to production areas must be assigned duties that commensurate with their grade and skill level.

6.2.2. Ensure ABDR unit is given full consideration for TO 00-25-107 requests. Use the ABDR unit to the maximum extent, commensurate with available skills for off-base workloads, with special emphasis on the value of Temporary Duty (TDY) for enhancement of their mission.

6.2.3. Provide training, funding, equipment, facilities, tools, and supplies to upgrade and enhance the skills of ABDR personnel in support of their mission.

Chapter 7

TOOL AND MATERIAL TRAILERS AND KITS

7.1. General. ABDR tool and material trailers, tool kits, and PMEL/assessor kits are an integral part of the ABDR mission. Tool and material trailers are deployed as separate UTCs while tool kits and PMEL/assessor kits will be deployed as on-hand equipment and supplies.

7.2. ABDR Tool and Material Trailers.

7.2.1. ABDR tool and material trailers are designed as generic assets to support multiple weapon systems, with the exception of the F-22 trailers, which are weapon system specific.

7.2.2. Trailers for each force package supporting contingency/wartime operations will be pre-positioned in the Pacific Air Forces (PACAF) and United States Air Forces in Europe (USAFE) theaters in WRM facilities. Trailers will be stored inside at the bases of intended use in the PACAF theatre and at USAFE's central WRM storage facility for the USAFE and U.S. Air Forces Central (USAFCENT) theaters.

7.2.3. Tool and material quantities will match the approved core trailer requirements as listed in the UTC Logistics Detail (LOGDET). The ABDR TSO will maintain status of and develop upgrade requirements for future additions, as well as identify items for deletion. Submit recommended changes to the ABDR TSO for approval and update to the LOGDET.

7.2.4. ABDR Operations Manager will be responsible for and/or will coordinate with host MAJCOM AGE personnel to inspect and manage ABDR trailers to include the following:

7.2.4.1. Host MAJCOM WRM contract maintenance/AGE personnel will inspect all ABDR trailer external areas, trailers, and housings annually. Host MAJCOM will manage, maintain, and report on ABDR trailers IAW DAFI21-101 Chapter 11.

7.2.4.1.1. Use TO 36A11-18-22-1 *Operation and Maintenance Instruction* with IPB, Trailer, Aircraft Battle Damage Support, Type ABDR-39/A, and TO 35D3-11-36-6WC-1, *Periodic Inspection Work cards* (180 Days)—Munitions Handling Trailer Types MHU-12/M and MHU-12A/M, for maintenance and inspection guidance on trailers using the -12/M munitions trailer configuration.

7.2.4.1.2. Use TO 35D3-2-27-1, *Operation and Maintenance Instructions* with IPB, Trailer, Munitions Handling Type MHU-141-M and TO 35D3-2-27-6WC-1, *Periodic Inspection Work cards* (365 and 720 day) Munitions Handling Trailer Type MHU-141/M, for maintenance and inspection guidance on trailers using the -141 munitions trailer configuration.

7.2.4.1.3. Trailers are not required to submit to the Nuclear Surety Inspection (NSI) requirements.

7.2.4.2. ABDR TSO will inspect all ABDR trailer internal contents, tools, and material. All tools will be vacuum sealed for long-term storage. ABDR TSO will manage, maintain, and replenish internal contents while in storage. ABDR TSO will follow-up and take action on any discrepancies reported against ABDR Trailer UTCs by host MAJCOM personnel.

7.2.4.2.1. The ABDR TSO will perform a 100% tool and material inventory on 50% of trailers annually: ensuring 100% tool accountability biannually.

7.2.4.2.2. Tools without plating (c-clamps, screw drivers, cutting tools), to include all air driven tools, will be inspected, oiled, and operationally checked when inspected.

7.2.4.2.3. Any drawer barrier paper that is opened for inspection, or found to have a loss of vacuum, will be resealed using new sealing material. Using tape to cover torn or punctured sealing material is not an acceptable repair.

7.2.4.2.4. The ABDR TSO will maintain a ABDR trailer inspection tracking method to show completion of each inspection, dates, drawers inspected, findings, and corrective actions.

7.2.5. Training trailers will be inspected annually by the ABDR TSO with host unit support in addition to normal tool control and accountability procedures. Personnel will report the trailer conditions to the ABDR TSO. Inspection and maintenance requirements can be accomplished by other maintenance activities (e.g., AGE) if an agreement is established. Training trailer configuration will match the LOGDET for UTC HFUAS. The ABDR TSO is the pilot unit for UTC HFUAS and HFUAU and is responsible for what is listed in the LOGDETs. Any requests for changes should be submitted to the ABDR Operations Manager.

7.2.6. Each ABDR unit is responsible to budget for the maintenance and reconstitution of training trailers assigned at their location.

7.2.7. Reconstitution of ABDR trailers used for contingencies will be accomplished using guidance provided for that particular operation, and typically involves reimbursement using an Emergency and Special Program (ESP) code. If specific guidance is not provided for an operation, AFSC/LZDB will pursue and execute funding received for reconstitution of the ABDR tool and material trailers.

7.3. ABDR Tool and PMEL/Assessor Kits.

7.3.1. ABDR personnel will maintain one CTK for each maintenance technician and assessor, excluding team chiefs, for deployments. Kits will move with teams when they deploy. Kits are AF-IT reportable.

7.3.1.1. Each ABDR unit will maintain master inventory lists for the kits maintained and forward applicable copies to the TSO as changes occur.

7.3.1.2. Each kit will be 70 lbs. or less and may not contain items that would prevent them from being placed aboard either commercial or military airlift.

7.3.1.3. ABDR team's CTKs should be designed to collectively provide at least a limited ABDR maintenance capability for the MDS(s) detailed in the respective MISCAP without the support of an onsite ABDR trailer.

7.3.2. Unit personnel will maintain two each PMEL/assessor kits for each ABDR team. Kits will match, as a minimum, the requirements outlined in TO 1-1H-39, Table 11-1, and will deploy with teams as required. Kits are not AF-IT reportable.

7.4. Tool Control.

7.4.1. Training trailers, CTKs, and PMEL/assessor kits will meet tool control requirements in accordance with DAFI 21-101.

Chapter 8

TRAINING AIRCRAFT

8.1. General.

8.1.1. ABDR training aircraft responsibilities are assigned to the ABDR TSO.

8.1.2. This instruction represents minimum requirements for maintaining ABDR training aircraft. ABDR training aircraft will not be used for purposes other than ABDR or related maintenance weapons load, crash recovery, or fire rescue training without approval of AFSC/LZDB through the ABDR Operations Manager.

8.1.3. Each unit should possess weapon systems trainers, which are specific to the MDS(s) that are contained in the unit's applicable MISCAPs. Where problems exist in the non-availability of airframes for ABDR training, units will work through the ABDR TSO to obtain removable aircraft components in order to meet training requirements.

8.2. ABDR TSO Responsibilities.

8.2.1. The ABDR Operations Manager will:

8.2.1.1. Maintain a database of all assigned training aircraft and maintain all necessary documentation to manage the program. Ensure AFMC annual aircraft inventories are completed on-time.

8.2.1.2. Provide applicable data annually to the AFMC AVDO upon request for all ABDR training aircraft.

8.2.1.3. Coordinate with AF/A4LM to acquire replacement training aircraft.

8.2.1.4. Screen aircraft through General Services Administration (GSA) in accordance with DoD 4160.21-M, Defense Materiel Disposition, prior to releasing aircraft for turn in to Defense Reutilization and Marketing Office (DRMO).

8.3. Unit Responsibilities.

8.3.1. Upon receipt of training aircraft, the gaining organization will accomplish, as a minimum, the removal of all explosive or propellant actuated items, weapons, classified items, survival equipment, hazardous systems or materials, and Air Force critical items. All remaining items may be retained for ABDR training.

8.3.1.1. Removed items will be processed through base supply according to appropriate supply and security instructions.

8.3.1.2. Units will develop a local checklist by weapon system to ensure all explosive and propellant items are removed, document compliance with SPO -directed save list, and document compliance with [paragraph 8.3.4](#).

8.3.1.3. Forward completed checklist to the ABDR TSO.

8.3.2. ABDR training aircraft are coded YZ for test and evaluation use. Parts contained on these aircraft are to be considered unsatisfactory and will not be cannibalized without both the ABDR Program Manager and EDMX Superintendent approval.

8.3.3. The unit will ensure that ABDR training aircraft or training components (where applicable) are:

8.3.3.1. Drained, de-puddled, and purged of fuel per TO 1-1-3, *Inspection and Repair of Aircraft Integral Tanks and Fuel Cells*. A write-up will be placed in the AFTO Form 781-series stating the current fuel configuration.

8.3.3.2. The unit may remove the fuel cell instead of purging them. If cells are removed, all components must be reinstalled in the cavity areas so power may be applied to the aircraft.

8.3.3.3. Maintained in a satisfactory condition so safety standards are not violated.

8.3.3.4. All safety precautions such as grounding, safety pins, and locks will be installed per applicable TOs.

8.3.3.5. Aircraft or components are not required to be kept in a flyable condition and are exempt from recurring inspections and Time Compliance Technical Orders (TCTOs).

8.3.3.6. Electrical and hydraulic systems are maintained so that power can be applied and essential system repairs can be operationally checked, as long as economically feasible.

8.3.3.7. Aircraft tires will be solid filled with a flat proofing compound the moment it is economically feasible. Once completed, tire pressure checks are no longer required during maintenance procedures; however, visual inspections will be required. At a minimum, tires must remain structurally sound and free from cuts or cracks that allow the fill material to protrude from the carcass. Cracked wheels shall not be used.

8.3.3.8. Ensure gun systems are removed.

8.3.3.9. Ensure all egress explosive system items are removed.

8.3.3.10. Ensure liquid oxygen and gaseous oxygen converters and storage tanks are removed.

8.3.4. Maintain applicable TOs necessary for basic system servicing and general maintenance systems upkeep.

8.3.4.1. Obtain TOs from the losing organization when possible. If applicable TOs are no longer available from the losing organization, they should be requested through the normal TO distribution system.

8.3.4.2. TOs will be maintained and marked for — TRAINING USE ONLY per procedures contained in TO 00-5-1.

8.3.4.3. If movement of an aircraft into a hangar is required, local procedures will be developed in accordance with AFMAN 91-203.

8.3.4.4. If towing of aircraft is required and all TO requirements cannot be met, detailed local procedures will be prepared and coordinated with installation ground safety, fire department, and chief of quality assurance.

8.3.5. General and applicable weapon system -39 TOs will be maintained. AFTO Forms 97 and 781-series will be maintained for each assigned ABDR training aircraft or component. These forms will be used to provide status of system serviceability, safety issues (including warning tags) and to document accomplished ABDR training actions. The forms review process, as outlined in DAFI 21-101, is not required; however, local procedures will be created to meet the intent.

8.3.6. Simulated ballistic damage to aircraft will be made as realistic as possible during training scenarios. Aircraft components damaged beyond a unit's battle damage repair capability will not be ordered. If a component is unserviceable, it will be by-passed, disconnected, or removed to allow continued limited system operation.

8.3.7. When training aircraft is no longer considered satisfactory for ABDR training, the EDMX Flight Superintendent will provide a memorandum to the ABDR TSO requesting approval for disposal.

8.3.7.1. The request will contain the MDS, serial number, and reason for disposition.

8.3.7.2. Once approved, disposal will be coordinated through the local DRMO.

8.3.7.3. The aircraft will be demilitarized according to DoD 4160.21 -M, and DoD 4160.21-M-1, *Defense Demilitarization Manual*, prior to disposal.

8.3.7.4. Once disposal occurs, the unit will forward all documentation signed by the local DRMO to the ABDR TSO so that records can be annotated.

8.3.8. The EDMX Flight Superintendent will ensure ABDR training aircraft requirements are submitted as part of their fiscal year program and budgeting projections. Include costs to maintain existing aircraft, and costs associated with replacing or acquiring new aircraft (i.e., transportation, travel, per diem, and disposal costs).

STACEY T. HAWKINS, Lt Gen, USAF
Commander, Air Force Sustainment Center

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

AFMAN 21-209, *Volume 1, Grounds Munitions*, 29 Aug 19

AFI 10-201, *Force Readiness Reporting*, 22 Dec 20

DAFI 10-401, *Operations Planning and Execution*, 1 May 23

AFI 10-403, *Deployment Planning and Execution*, 17 Apr 20

DAFI 10-2501, *Air Force Emergency Management (EM) Program*, 16 Oct 23

DAFI 21-101, *Aircraft and Equipment Maintenance Management*, 16 Jan 20

AFI 21-101 AFMCSUP, *Aircraft and Equipment Maintenance Management*, 10 Nov 20

AFI 31-117, *Arming and Use of Force by Air Force Personnel*, 6 Aug 20

AFI 33-324, *The Information Collections and Reports Management Program: Controlling Internal, Public, and Interagency Air Force Information Collections*, 32 Jul 19

AFPD 36-21, *Utilization and Classifying Military Personnel*, 25 Aug 23

AFI 36-2654, *Combat Arms Program*, 16 Apr 20

AFI 36-2650, *Maintenance Training*, 22 Jun 22

AFI 36-2650 AFMCSUP, *Maintenance Training*, 3 Mar 22

AFI 36-2644, *Self-Aid and Buddy Care Training*, 17 Apr 20

DAFI 36-3802, *Force Support Readiness Programs*, 21 Nov 21

AFI 51-401, *The Law of War*, 3 Aug 18

DAFI 65-201, *Risk Management and Internal Control Program Procedures*, 24 Apr 23

AFI 90-201 AFMCSUP, *The Air Force Inspection System*, 10 Jan 20

AFI 91-202 AFMCSUP, *The US Air Force Mishap Prevention Program*, 31 Mar 22

AFMAN 10-409-O, *Support to Adaptive Planning*, 27 Jun 22

AFMAN 23-110 Volume 2, *USAF Equipment Management*, 3 Apr 20

AFI 33-322, *Records Management and Information Governance Program*, 23 Mar 20

DAFPD 10-2, *Readiness*, 20 May 21

AFPD 21-1, *Maintenance of Military Materiel*, 1 Aug 18

DAFI 36-2670, *Total Force Development*, 25 Jun 20

AFPD 90-8, *Environment, Safety, and Occupational Health*, 23 Dec 19

DoD 4160.21-M, *Defense Materiel Disposition Manual*, 22 Oct 15

DoDD 4500.54E, *Foreign Clearance Program (FCP)*, 31 May 22

Title 10 USC 8013, *Secretary of the Air Force*

TO 00-5-1, *AF Technical Order System, 11 Sept 23*

TO 00-25-107, *Maintenance Assistance, 15 Aug 22*

TO 1-1-3, *Inspection and Repair of Aircraft Integral Tanks and Fuel Cells, 20 Jul 23*

TO 1-1H- 39, *Aircraft Battle Damage Repair Manual - General, 15 May 23*

TO 35D3-2-27-1, *Operation and Maintenance Instructions with IPB, Trailer, Munitions Handling Type MHU-141-M, 28 Aug 14*

TO 35D3-2-27-6WC-1, *Periodic Inspection Work cards (365 and 720 day) Munitions Handling Trailer Type MHU-141/M, 27 Nov 23*

TO 35D3-11-36-6WC-1, *Periodic Inspection Work cards (180 Days) -- Munitions Handling Trailer Types MHU-12/M and MHU-12A/M, 21 Feb 23*

TO 36A11-18-22-1, *Operation and Maintenance Instruction with IPB, Trailer, Aircraft Battle Damage Support, Type ABDR-39/A, 1 Jul 22*

WMP-1, *War and Mobilization Plan, Volume 1, Basic Plan and Support, 10 Feb 12*

WMP-3, *War and Mobilization Plan, Volume 3, Combat and Support Forces, 15 Jul 12*

Prescribed Forms

None

Adopted Forms

AF Form 55, *Employee Safety and Health Record, 10 Jul 13* AF Form 623, *Individual Training Record Folder, 31 Mar 23*

DAF Form 847, *Recommendation for Change of Publication, 15 Apr 22*

AF Form 1199, *Air Force Entry Control Card (Accountable), 1 Nov 86*

AFTO Form 22, *Technical Manual (TM) Change Recommendation and Reply, 9 Mar 17*

AFTO Form 97, *Aerospace Vehicle Battle Damage Incident Debrief/Assessment/Repair Record, 28 Jul 17*

AFTO Form 781, *Arms Aircrew/Mission Flight Data Document, 3 Jul 17*

Abbreviations and Acronyms

ABDR—Aircraft Battle Damage Repair

AETCI—Air Education and Training Command Instruction

AF—Air Force

AFI—Air Force Instruction

AF-IT—Air Force Input Tool

AFMAN—Air Force Manual

AFMC—Air Force Materiel Command
AFMCI—Air Force Materiel Command Instruction
AFMCSUP—Air Force Materiel Command Supplement
AFPD—Air Force Policy Directive
AFRC—Air Force Reserve Command
AFRIMS—Air Force Records Information Management System
AFSC—Air Force Specialty Code
AFTO—Air Force Technical Order
AGE—Aerospace Ground Equipment
ALC—Air Logistics Center
AMXG—Aircraft Maintenance Group
AMXG/CC—Aircraft Maintenance Group Commander
ANG—Air National Guard
CAMS—Core Automated Maintenance System
CFETP—Career Field Education and Training Plan
COCOM—Combatant Command
COMAFFOR—Commander Air Force Forces
CTK—Composite Tool Kit
CUT—Cross Utilization Training
DAV—Deployment Availability
DCAPES—Deliberate and Crisis Action Planning and Execution Segments
DFT—Depot Field Team; Demand Force Team
DOC—Designed Operational Capability
DoD—Department of Defense
DoDD—Department of Defense Directive
DRMD—Deployment Requirements Manning Document
DRMO—Defense Reutilization and Marketing Office
DRRS—Defense Readiness Reporting System
DSIAC—Defense Systems Information Analysis Center
EDMX—Expeditionary Depot Maintenance
EF—Excepted Forces
EQUAL—Enlisted Quarterly Assignment Listing

ESP—Emergency and Special Program
FCP—Foreign Clearance Program
GSA—General Services Administration
HQ USAF—Headquarters United States Air Force
IBA—Individual Body Armor
IG—Inspector General
JCAT—Joint Combat Assessment Team
LOGDET—Logistics Detail
LOGMOD—Logistics Module
MAJCOM—Major Command
MDS—Mission Design Series
MEB—Medical Evaluation Board
MICT—Management Internal Tool Kit
NATO—North Atlantic Treaty Organization
NSI—Nuclear Surety Inspection
OI—Operating Instruction
OPLAN—Operation Plan
OPR—Office of Primary Responsibility
PACAF—Pacific Air Forces
PCA—Permanent Change of Assignment
PCS—Permanent Change of Station
PEB—Physical Evaluation Board
PMEL—Precision Measurement Equipment Laboratory
POA—Pertinent Oversight Authority
POI—Plan of Instruction
PSDG—Personnel Services Delivery Guide
QA—Quality Assurance
RDS—Records Disposition Schedule
SAV—Staff Assistance Visit
SDAP—Special Duty Assignment Pay
SEI—Special Experience Identifier
SPO—System Program Office

STG—Stabilized Tour Guide
TCTO—Time Compliance Technical Order
TDY—Temporary Duty
TM—Talent Marketplace; Technical Manual
TO—Technical Order
TPFDD—Time-Phased Force and Deployment Data
TSO—Technical Support Office
UCI—Unit Compliance Inspection
UDM—Unit Deployment Manager
UMD—Unit Manning Document
UMPR—Unit Manpower Personnel Roster
US—United States
USAF—United States Air Force
USAFCENT—U.S. Air Forces Central
USAFE—United States Air Forces in Europe
USC—United States Code
UTC—Unit Type Code
WMP—War and Mobilization Plan
WRM—War Reserve Materiel

Terms

ABDR Forces—AFMC active-duty forces of specially trained personnel who provide peacetime or wartime technical assessment and repair of damaged aircraft. It consists primarily of the ABDR unit and the ALCs' tasked aircraft engineers. If required, it can include civilian and/or contractor resources to meet specific requirements.

Aircraft Battle Damage Repair (ABDR)—The capability to quickly assess and restore a damaged aircraft to a useful level of combat capability within a tactically reasonable time period with the resources reasonably available in theater. These repairs may be temporary or permanent in nature and may restore full or partial capability. ABDR capability may be used to allow extensively damaged aircraft to make a one-time flight to its home station, rear base, or major repair facility.

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 are 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.

Cross Utilization Training (CUT)—Qualifies personnel to perform duties outside their AFSC and should be used to help local managers meet mission requirements. Normally, CUT programs should be limited to those airmen who are fully qualified in their primary AFSC.

Designed Operational Capability (DOC)—A summary of the unit's mission and resources for which it has been organized, designed, and equipped.

Exercise—A military maneuver, or simulated wartime operation, involving planning, preparation, and execution. It is carried out for the purpose of training and evaluation. It may be a combined, joint, or single service exercise, depending on the participating organizations.

Functional Manager—The OPR for a particular Air Force unit, function, or specialty.

OPLAN—An operation plan for the conduct of joint operations. An OPLAN identifies the forces and supplies required to execute the strategic concept and movement schedule of the resources to the theater of operations.

Readiness—The ability of forces, units, weapons, or equipment to deliver the output for which they were designated. This includes the ability to deploy without unacceptable delays. It includes the totality of proficiency and sufficiency in forces, units, air bases, weapons systems, and equipment, prepared or available for service or action.

Unit Type Code (UTC)—A five-character alphanumeric code that uniquely identifies each force package.