

**BY ORDER OF THE COMMANDER  
AIR EDUCATION AND TRAINING  
COMMAND**



**AIR FORCE INSTRUCTION 21-112**

**AIR EDUCATION AND TRAINING COMMAND**

**Supplement 1**

**4 MAY 2004**

**Maintenance**

**AIRCREW EGRESS SYSTEMS MAINTENANCE**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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**AFI 21-112, 7 September 2001, is supplemented as follows:**

This supplement does not apply to AETC-gained Air Force Reserve Command or Air National Guard units. Report any discrepancies other than paragraph realignment via AETC Form 1236, **Request for Improving/Changing AETC Maintenance Publications**, a message, or a memorandum to HQ AETC/LGMS.

Ensure all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 37-123, *Management of Records*, and disposed of in accordance with AFMAN 37-139, *Records Disposition Schedule* (projected to be the Air Force Records Disposition Schedule [RDS]).

**SUMMARY OF REVISIONS**

Updates paragraph **1.2** to clarify the number and composition of a certified egress maintenance team. A bar (|) in the left margin indicates revision from the previous edition.

- 1.1. Egress personnel are responsible for egress systems canopy maintenance on the T-6 aircraft.
- 1.2. Egress augmentees may be used as part of an egress maintenance team to perform on-equipment maintenance, such as ejection seat and canopy removals or installations and egress final inspections. At least one member of the egress maintenance team will be a certified egress journeyman or civilian equivalent. Augmentees will not be used to perform egress off-equipment maintenance actions. **NOTE:** Ejection seats undergoing periodic maintenance are exempt from the demand-response concept once explosive components have been removed.
- 1.3. Only egress personnel will remove and install parachutes and survival kits on the T-6 aircraft.

3. **Safety Requirements.** Egress systems maintenance, to include egress final inspections, will not be performed while the aircraft is on jacks, except when explicitly called for in technical data.

5.1. Authority to determine whether an egress-certified individual (Air Force specialty code [AFSC] 2A653, SSgt or higher) is required to attend the specific organizational maintenance (O/M) course is hereby delegated from HQ AETC to the appointed egress section chief, provided the provisions of the basic AFI and this paragraph are met and the appointed egress section chief is certified as an AFSC 2A673.

5.2. Certification pass/fail criteria is delegated from the MAJCOM to the appointed egress section chief, provided he or she is certified as an AFSC 2A673 and has met all provisions of the basic AFI.

6.1. At T-6, T-37, and T-38 civil service and contract organizations, HQ AETC/LGMM and LGMTS must approve the egress technician course.

10.2. Quality assurance evaluators at contract locations may conduct egress familiarization training, provided they have met the requirements of paragraphs 6 and 7 of the basic AFI.

12.1. Egress section personnel must ensure acceptance inspection requirements, in accordance with TO 00-20-1, *Aerospace Equipment Maintenance General Policies and Procedures*, are completed on newly assigned aircraft or aircraft returning from depot.

12.4. If egress final inspections are not performed in conjunction with aircrew life support 30-day inspections, egress supervisors will establish procedures with plans and scheduling to ensure no aircraft goes overdue on an inspection.

12.5. Cannibalization actions on egress system components, cartridge-actuated devices, and propellant-actuated devices are considered high risk and should not be performed unless priority aircraft are involved or a lack of ready equipment will impede mission accomplishment.

14. **Training Aircraft.** For T-6 aircraft, the egress system will be made safe for department training and aircrew extraction training by using ty-straps to lock the ejection handle safety pin to the ejection handle.

18. (Added) **Form Adopted.** AETC Form 1236.

**Attachment 1**

**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION**

***References***

AFI 37-123, *Management of Records*

AFMAN 37-139, *Records Disposition Schedule* (projected to be the Air Force Records Disposition Schedule [RDS])

TO 00-20-1, *Aerospace Equipment Maintenance General Policies and Procedures*

JOE F. HARRISON, Colonel, USAF  
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