

**BY ORDER OF THE COMMANDER
SPACE LAUNCH DELTA 45**

**SPACE LAUNCH DELTA 45
INSTRUCTION 21-106**



**14 DECEMBER 2023
Certified Current, 16 January 2024
Maintenance**

**AIRCRAFT AND EQUIPMENT
MAINTENANCE MANAGEMENT
RESPONSIBILITIES**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: This publication is available for downloading or ordering on the e-Publishing website at www.e-Publishing.af.mil

RELEASABILITY: There are no releasability restrictions on this publication

OPR: 45LRS/OSM

Certified by: 45LRS/CC
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Pages: 5

This publication implements Department of the Air Force Instruction (DAFI) 21-101, *Aircraft and Equipment Maintenance Management*, and DAFI 21-101_AFMCSUP_Addendum D, *United States Space Force (USSF) Non Standard Organization (NSO) Aircraft and Equipment Maintenance Management*. It indicates the responsibilities of key leaders involved in aircraft and equipment maintenance management activities at Patrick Space Force Base (PSFB) and Cape Canaveral Space Force Station (CCSFS). This publication applies to all civilian employees and uniformed members of the Regular Air Force, the Air Force Reserve, the Air National Guard, the United States Space Force, and those with a contractual obligation to abide by the terms of DAF issuances. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the DAF Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 from the field through the appropriate functional chain of command. The authorities to waive wing, unit, delta, or garrison level requirements in this publication are identified with a Tier ("T-0, T-1, T-2, T-3") number following the compliance statement. Submit requests for waivers through the chain of command to the appropriate Tier waiver approval authority or to the Publication OPR for non-tiered compliance items. Ensure all records generated as a result of processes prescribed in this publication adhere to Air Force Instruction (AFI) 33-322, *Records Management and Information Governance Program*, and are disposed of in accordance with the Air Force Records Disposition Schedule, which is located in the Air Force Records Information Management System.

1. Overview. This publication clarifies the distinctions between the Space Launch Delta (SLD) 45 as an NSO and a standard DAFI 21-101 structure. It also outlines written policies that establish the responsibilities of key leaders involved in the management of aircraft and equipment maintenance activities. These responsibilities are assigned at appropriate levels depending on the organization's structure.

1.1. SLD 45 is structured differently from a typical Aircraft Wing Organization as it does not have assigned aircraft, and maintenance for support equipment is contracted. As a result, some deviations from DAFI 21-101 and the AFMC supplement are necessary.

2. Roles and Responsibilities.

2.1. SLD 45 Commander (SLD 45/CC) responsibilities. The SLD 45/CC allocates resources to meet all mission requirements. The SLD 45/CC will:

2.1.1. Ensure a coordinated delta instruction is developed that implements procedures to control tools, equipment, and electronic devices and establishes cyber discipline and reporting requirements that provide operational guidance across all delta agencies dispatching to aircraft runways, taxiways, parking, and maintenance areas. (T-3)

2.1.2. Sustain a Crashed, Damaged, or Disabled Aircraft Recovery (CDDAR) capability for assigned active airfields and runways in accordance with (IAW) DAFI 21-101 and develop a delta publication IAW DAFI 90-160, *Publication and Forms Management* containing specific responsibilities for all applicable base support agencies. (T-3)

2.2. Space Launch Delta 45 Vice Commander-Installation Support (SLD 45/CV-IS) responsibilities. The SLD 45/CV-IS will:

2.2.1. Manage the Foreign Object Damage (FOD) and Dropped Object Prevention Program (DOPP). (T-3) The SLD 45/CV-IS is the FOD/DOPP Program Manager and will appoint a qualified technical sergeant (or above), or civilian equivalent, as the FOD/DOPP Monitor(s). (T-3)

2.2.2. Develop an Impoundment Program and ensure compliance with the procedures. (T-3)

2.3. 45th Logistics Readiness Squadron Commander responsibilities.

2.3.1. Sustain a Transient Alert (TA) function. (T-3) Ensure servicing, inspection, and maintenance are consistent with the mission of each transient aerospace vehicle. (T-3) Special consideration should be given to medical or air evacuation aerospace vehicles, emergency missions, and special missions.

2.3.2. Establish Minimum Equipment Levels (MELs) for essential Aerospace Ground Equipment (AGE), advocate and reconcile authorized shortfalls and overages. (T-3) Coordinate with the applicable Major Command (MAJCOM) functional to advocate with the respective Program Manager to address any requests to change authorized quantities. (T-3)

2.3.3. Appoint equipment custodians to manage the Custodian Authorization/Custody Receipt Listing (CA/CRL) (R14) of assigned equipment IAW AFI 23-101, *Materiel Management Policy* and AFMAN 23-122, *Materiel Management Procedures*. (T-3)

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Commander

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

AFI 33-322, *Records Management and Information Governance Program*, 28 July 2021

AFI 23-101, *Materiel Management Policy*, 22 October 2022

AFI 38-101, *Manpower and Organization*, 06 July 2021

AFMAN 23-122, *Materiel Management Procedures*, 27 October 2020

DAFI 21-101, *Aircraft and Equipment Maintenance Management*, 08 November 2022

DAFI 21-101_AFMCSUP_Addendum D, *United States Space Force (USSF) Non Standard Organization (NSO) Aircraft and Equipment Maintenance Management*, 08 November 2022

DAFI 90-160, *Publication and Forms Management*, 14 April 2022

Adopted Forms

DAF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

AFI—Air Force Instruction

AFMAN—Air Force Manual

AGE—Aerospace Ground Equipment

CA/CRL—Custodian Authorization/Custody Receipt Listing

CCSFS—Cape Canaveral Space Force Station

CDDAR—Crashed Damaged Disabled Aircraft Recovery

CV-IS—Vice Commander, Installation Support

DAF—Department of the Air Force

DAFI—Department of the Air Force Instruction

DOPP—Dropped Object Prevention Program

FOD—Foreign Object Damage

IAW—In Accordance With

MAJCOM—Major Command

MELs—Minimum Equipment Levels

NSO—Non Standard Organization

OPR—Office of Primary Responsibility

PSFB—Patrick Space Force Base

SLD—Space Launch Delta

TA—Transient Alert

USSF—United States Space Force

Terms

Delta—(Also called “Space Base Delta or Space Launch Delta”)—A component of the USSF subordinate to a field command, similar to an Air Force Wing. Responsible for Space Mission Force operations and oversight.

Non Standard Organizations (NSOs)—NSOs are organizations where their logistics/maintenance support missions are not organized under the standard AFI 21-101 Wing Organization concept IAW AFI 38-101, *Manpower and Organization*, and require supplemental guidance.