

**BY ORDER OF THE COMMANDER  
OSAN AIR BASE**

**PACIFIC AIR FORCE INSTRUCTION  
21-105**



**OSAN AIR BASE  
Supplement**

**9 JUNE 2025**

**Maintenance**

**FABRICATION PROGRAM**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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(Col Kenneth B. Beebe III)

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This supplement implements Pacific Air Force Instruction (PACAFI) 21-105, *Fabrication Program*, 19 January 2023, is supplemented as follows: This supplement applies to all 51st Fighter Wing aircraft, transient aircraft and units deployed to Osan Air Base, Korea. 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 in accordance with the Air Force Records Disposition Schedule, which is located in the Air Force Records Information Management System. 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.

3.4.4.3.1. **(Added)** Aircraft paint identification placard will be applied IAW Attachment 8.

3.4.10.1. **(Added)** Maintenance personnel will receive annual Corrosion Prevention and Control training during Mission Orientation Training.

3.4.13.1. **(Added)** Records will be maintained for a minimum of 2 years. After Post Depot painting acceptance, records may be discarded if no discrepancies are noted.

3.4.16. **(Added)** Ensures compliance with 51st Fighter Wing Commander (51 FW/CC) directive to keep building 1750 closed for paint operations based on out-of-limits chemical exposure limits. Access to the facility will be coordinated through the Wing Corrosion Manager.

3.6.1.1. **(Added)** Aircraft will have a completed hangar checklist prior to entry into the Corrosion Control Facility. Tow teams will ensure the aircraft canopy, and all panels are closed, and the ladder is stowed.

3.6.1.2. **(Added)** Notifies 51st Maintenance Squadron (51 MXS) Production Superintendent and 51st Maintenance Group Plans, Scheduling, and Documentation (51 MXG/PS&D) of facility and equipment deficiencies that impact the aircraft painting/sanding operations in the Corrosion Control Facility.

3.6.7. **(Added)** Updates weekly shared resources schedule to accommodate required corrosion work.

3.6.8. **(Added)** All parts and components requiring in-shop maintenance will be cleaned prior to acceptance to ensure adequate bench-checking, corrosion detection, and repair. The receiving section will have final determination concerning acceptable part cleanliness for maintenance.

3.7.1.1. **(Added)** Aircraft will have a completed hangar checklist prior to entry into wash facility. Tow teams will ensure the aircraft canopy, and all panels are closed, and the ladder is stowed.

3.7.3.1. **(Added)** The Wash Rack operations will use passive fall protection in the form of maintenance stands. Installing and removing covers and tape is the only time that personnel are allowed on top of the aircraft in the wash rack. The aircraft must be dry for personnel to be on top of the aircraft.

3.7.5.1. **(Added)** Notifies 51 MXS Production Superintendent and 51 MXG/PS&D of facility and equipment deficiencies that impact the aircraft wash rack operations.

3.7.7. **(Added)** Wash rack operating hours are in accordance with current wash contracts. Requests to use wash rack facility during off shifts and/or weekends will be coordinated through the 51 MXS Production Office. All aircraft wash scheduling will remain within the scope of the 51 MXS Aircraft Wash Contract.

3.7.7.1. **(Added)** After an aircraft wash, and before the aircraft leaves the wash facility, Corrosion Control will complete an aircraft paint score. Paint scores will be stored locally by the Wing Corrosion Manager and documented with local 51st Maintenance Group Quality Assurance (51 MXG/QA) procedures.

3.7.8. **(Added)** Ensures aircraft scheduled for full paint or extensive maintenance are washed immediately prior to paint preparations. Efforts should be made to avoid flying between wash and paint preparations based on mission requirements.

3.7.9. **(Added)** Aircraft deployed to Osan Air Base (AB) will be washed IAW the same guidance as assigned aircraft and will be scheduled through the Shared Resources meeting. If the Shared Resources meeting is cancelled, the deployed organization will coordinate through 51 MXS Production.

3.13.6. **(Added)** Aircraft components that require a corrosion control inspection, entry in aircraft forms are as follows:

3.13.6.1. **(Added)** Aircraft components (pods, tanks, Alternate Mission Equipment (AME), etc.) requiring paint will be scheduled for treatment through the Corrosion Control section. Coordination between the Corrosion Control Non-Commissioned Officer In Charge (NCOIC) and all owning agencies will be conducted prior to component/unit delivery at the MXG Shared Resources meeting.

3.13.7. **(Added)** The Corrosion Control Facility is not manned during exercises. Therefore, aircraft will not be scheduled for paint touch-ups or washes during exercises.

5.1.1.1. **(Added)** Command and non-command aircraft designations and markings are located in the approved tail flash waiver, dated 14 Aug 2020, which is maintained by the Wing Corrosion Manager who may be contacted at 784-4893 or at [51MXGQ@US.AF.MIL](mailto:51MXGQ@US.AF.MIL).

5.1.1.2. **(Added)** F-16 travel pods will be painted F-16 light gray utilizing Military Performance (MIL-PRF) -85285 to match the specific type used on the outer mold line.

5.1.1.3. **(Added)** A-10 travel pods will be painted A-10 light gray utilizing MIL-PRF-85285 to match the specific type used on the outer mold line.

6.11.1.5. **(Added)** Before initiating a waiver, a thorough review and feasibility assessment of the project will be conducted by both 51 MXS Production and the Wing Corrosion Manager, to determine the capabilities of current Corrosion Control facilities at Osan AB.

WILLIAM H. McKIBBAN, Colonel, USAF  
Commander

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

PACAFI 21-105, *Fabrication Program*, 19 January 2023

***Abbreviations and Acronyms***

**51 FW/CC**—51st Fighter Wing Commander

**51 MXS**—51st Maintenance Squadron

**51 MXG PS&D**—51st Maintenance Group Plans and Scheduling

**51 MXG/QA**—51st Maintenance Group Quality Assurance

**AB**—Air Base

**MIL-PRF**—Military Performance

**NCOIC**—Non-Commissioned Officer In Charge

Attachment 8 (Added)

PLACARD IDENTIFICARION

Figure A8.1. (Added) Paint Placard will not exceed 6 x 6 inches and will match the color of other markings on the aircraft.

