

5 August 1997

Maintenance

**FOREIGN OBJECT DAMAGE
PREVENTION PROGRAM (FODPP)**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implement AFPD 21-1, Managing Aerospace Equipment Maintenance. This instruction establishes policies and outlines reporting procedures for Foreign Object Damage (FOD). The guidelines from this instruction are derived from AFI 21-101, *Maintenance Management of Aircraft*, Jul 94, Chapter 7, par 7.12, and AMCI 21-101, *Maintenance Management Policy*, Jun 95, Chapter 3, par 3.35, FODPP. This instruction explains responsibilities pertaining to all units working in, on, around, or traveling through areas near aircraft, support equipment, engines, or engine components on Andrews AFB. Naval Air Facility (NAF) operating on or around the flight line of Andrews AFB will follow Navy Regulation 4790.2F. NAF FOD managers will follow section **4.2** of this instruction.

1. General. AMCI 21-101 outlines the AMC program for FOD prevention. The primary purpose of this instruction is to provide guidance and outline procedures for an effective FOD prevention program on Andrews AFB. Effective prevention of FOD to aircraft and equipment depends upon support from every individual who has any contact with aircraft/equipment. Individual involvement in the program will improve readiness and save material, manpower, money, and lives.

2. Program Objective. The objective of the FODPP is the elimination of FOD potential on Andrews AFB. AFI 21-101, par 7.12, lists some causes of FOD and practices that will eliminate damage. Each individual needs to become aware of FOD causes and prevention measures and work closely with the unit FODPP monitor to ensure potential FOD hazards are immediately reported and corrected.

3. Responsibilities:

3.1. The 89th Airlift Wing Logistics Group (LG) Commander, LG Deputy Commander, or alternate as determined by the LG Commander, will chair a FOD prevention meeting quarterly.

3.2. The following base agencies will comprise the Andrews AFB FODPP committee. Commanders of units identified by an asterisk (*) will appoint a primary and alternate unit FOD monitor. Forward

a copy of the appointment letter (include rank, duty phone, and functional address) to 89 LG/LGQA. The primary or alternate will provide unit representation at quarterly meetings and any special meetings held.

| | | |
|-----------------|---------------|--------------------|
| (1) 89 LG/CC | *(8) 89 SUPS | *(15) NAF WASH DC |
| (2) 89 LG/LGQA | *(9) 89 SPS | *(16) 113 FW |
| (3) 89 AW/SEF | *(10) 89 TRNS | *(17) 459 AW/LGQ |
| (4) 89 OSS/OSOT | *(11) 89 LSS | *(18) 201 AS |
| *(5) 89 AGS | *(12) 1 HS | *(19) 89 APS |
| *(6) 89 MXS | *(13) 1 AS | *(20) 89 AW/OG/PPM |
| *(7) 89 CES | *(14) 99 AS | *(21) USA/PAT |

3.2.1. Schedule and conduct quarterly FOD prevention meetings and any special meetings that are required

3.2.2. Manage 89th Airlift Wing FODPP and provide assistance as outlined in AMCI 21-101.

3.2.3. Investigate and report all FOD incidents to AMC/LGA.

4. FOD Reporting and Investigating Procedures:

4.1. Upon discovery of a suspected FOD on any aircraft belonging to or recovered by the 89AW, the following reporting procedures apply:

4.1.1. The person discovering the condition will immediately contact their production superintendent (pro super) and provide preliminary details (see [Attachment 1](#)). Pro super will investigate the condition and determine if it is FOD. Upon positive determination, pro super will notify Maintenance Aircraft Coordination Center (MACC). The MACC will then contact the LG/LGQA office to investigate the incident.

4.2. In the event an 89th Airlift Wing aircraft sustains FOD away from home station, the aircraft commander will immediately notify command post and MACC of the aircraft's condition. MACC will then notify pro super and the 89 LG/PI office so preparations for investigation are made upon the aircraft returning to home station.

4.2.1. Because of the sensitivity of the Air Force One program, as it relates to public information release, all Presidential Pilots Maintenance (PPM) FOD reports will be coordinated prior to being released off base. PPM will provide release statement to LG/LGQA within time restrictions identified by air force instructions. Due to security commitments PPM will investigate the FOD incident and submit the report. The 89 LG/LGQA office will assist if requested

4.3. Upon discovery of a suspected FOD occurring on Andrews AFB to any aircraft belonging to or recovered by a tenant unit, the following procedures apply:

4.3.1. The tenant unit FOD managers will report the FOD to the MACC immediately at 981-2211 (see [Attachment 2](#)). The MACC will then contact the 89 LG/LGQA office.

4.3.2. The tenant unit FOD managers will investigate the FOD incident and submit the report. The 89 LG/LGQA office will assist if requested

5. Assessments:

5.1. Ramp Assessments. Specific areas of responsibility (west and east side) by unit are in **Attachment 3** of this instruction. Unit FOD monitors will ensure these areas are FOD walked and assessed weekly. The findings will be forwarded to the LG/LGQA office for inclusion in the quarterly meeting minutes.

5.2. Vehicle Assessments:

5.2.1. Unit FOD monitors will assess vehicles on a random basis to ensure absence of FOD potential items. All results will be submitted to 89 LG/LGQA for inclusion in the quarterly meeting minutes.

5.2.2. Unit vehicle control officers will also submit any FOD discovered during their monthly inspections to the LG/LGQA.

5.3. Facility Assessments: Facilities dealing with aircraft maintenance will be assessed randomly during the month by the unit FOD monitor and the process owner. The findings will be forwarded to the LG/LGQA office for inclusion in the quarterly meeting minutes.

6. FOD Prevention Awareness. Unit FOD prevention monitors will ensure that all assigned maintenance, operations, and base support personnel who work in, around, or drive through operational areas receive an initial FOD prevention briefing. The briefing will include as a minimum, subjects addressed in AFI 21-101, par 7-12. The 89 LG personnel will use the AMC approved audiovisual module as part of this initial briefing.

7. FOD Containers:

7.1. Vehicles. All base vehicles operated on the flight line will be equipped with FOD containers. Containers will be tailored to the vehicle on/in which it is installed. For example:

7.1.1. In step vans, a trash can with an attached lid will suffice.

7.1.2. In vehicles that cannot store a container in the cab or on the vehicle's exterior, a canvas pouch or similar container will suffice. NOTE: Maximize FODPP publicity by painting the container green with the acronym "FOD" in white letters.

7.2. Toolboxes: All toolboxes used for aircraft maintenance will be equipped with FOD bags. These bags must be identified with the acronym "FOD" on them.

8. Aircraft Danger Zones. Danger zones of aircraft engines are outlined in applicable aircraft technical orders. No loose articles (hats, badges, etc.) will be worn in these areas.

ARTHUR J. LICHTER, Brigadier General, USAF
Commander

Attachment 2

FOREIGN OBJECT DAMAGE WORKSHEET

REPORT NUMBER (assigned by LG/PI office):

MDS:

TAIL NUMBER:

OWNING ORGANIZATION:

DATE OF INCIDENT:

DISCOVERY LOCATION:

ITEM DAMAGED:

DESCRIPTION OF INCIDENT:

DISPOSITION OF DAMAGED ITEMS:

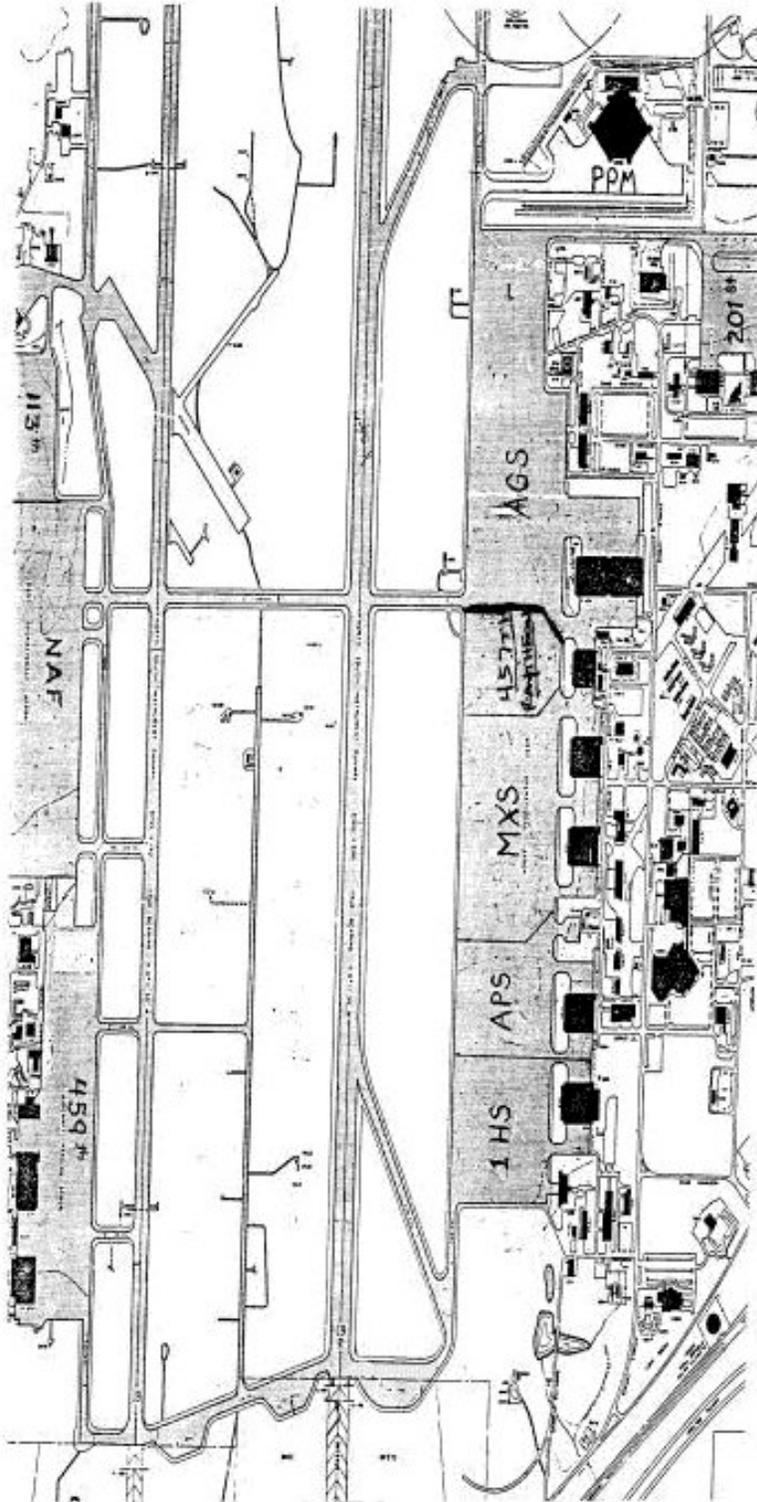
COST IN DOLLARS TO REPAIR:

COST IN MAN HOURS TO REPAIR:

ACTION TO PREVENT RECURRENCE:

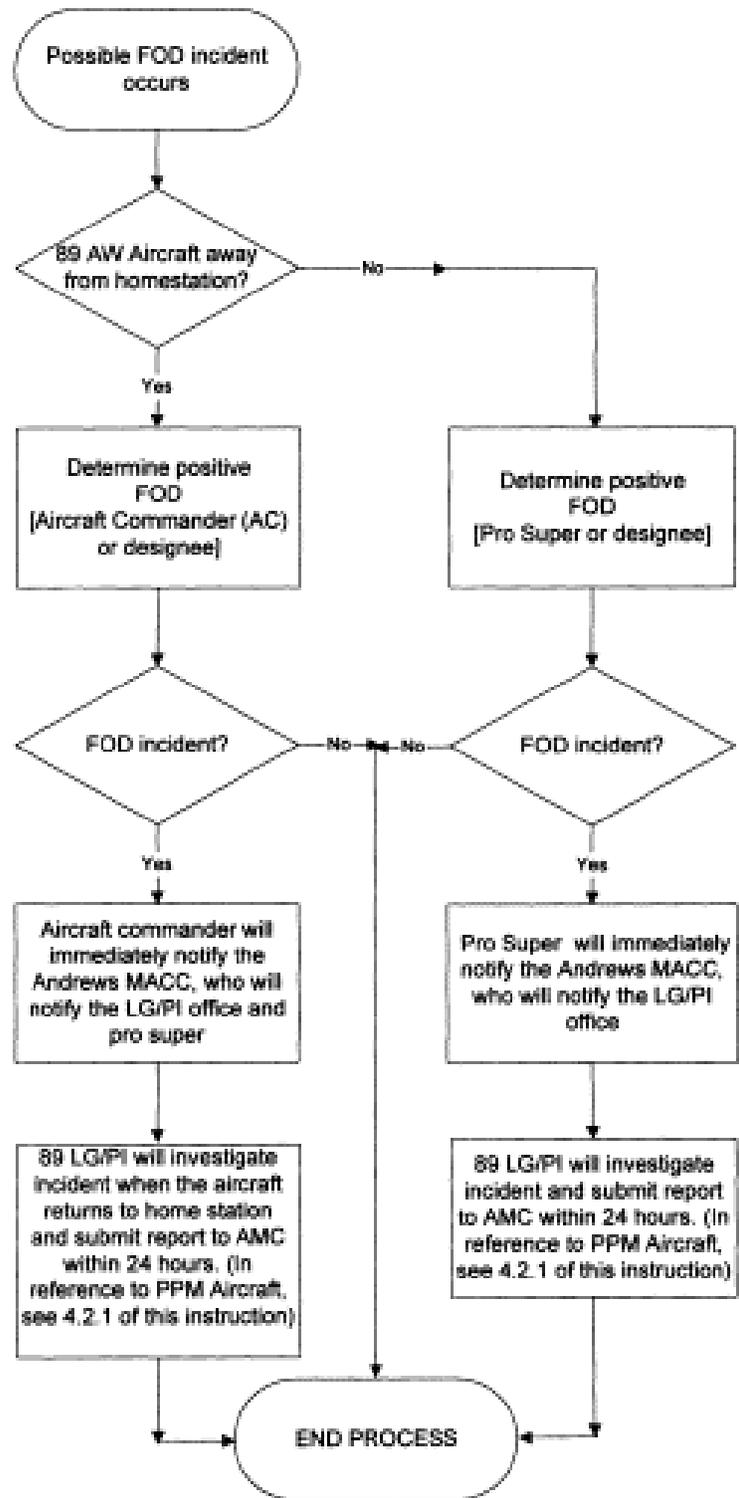
Attachment 3

UNIT AREA OF RESPONSIBILITY



Attachment 4

89AW FOD REPORTING PROCEDURES



Attachment 5

ANDREWS AFB TENANT UNIT FOD REPORTING PROCEDURES

