

**BY ORDER OF THE COMMANDER  
932D AIRLIFT WING**

**932D AIRLIFT WING INSTRUCTION 21-202**

**12 JANUARY 2010**

*Incorporating Change 1, 25 JANUARY 2013*



**Maintenance**

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

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This instruction implements Air Force Policy Directive (AFPD) 21-1, *Air and Space Maintenance*, and Air Force Occupational Safety and Health Standard (AFOSHSTD) 91-100, *Aircraft Flight Line Ground Operation and Activities*. It extends guidance and procedures outlined in Air Force Instruction (AFI) 21-101 Air Force Reserve Command (AFRC) Supplement (SUP), *Aircraft and Equipment Maintenance Management*, and Scott Air Force Base Instruction (SCOTTAFBI) 21-111, *Foreign Object Damage Prevention Program (FODPP)*. This instruction provides guidance and establishes policies and outlines reporting procedures for the Foreign Object Damage (FOD) Prevention Program. This instruction applies to all active duty, Air Reserve Technician, Air Force Reserve, civilian employee, and civilian contractor personnel, who manage, fly, service, inspect, maintain, or repair 932d Airlift Wing (AW) aircraft at Scott Air Force Base (AFB) IL. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the Air Force Information Management Tool (AF IMT) 847, *Recommendation for Change of Publication*; route AF IMT 847s from the field through the appropriate functional chain of command. 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 are disposed of in accordance with the Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS) located at <https://www.my.af.mil/gcss-af61a/afirms/afirms>. The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Air Force. Attachment 1 contains a glossary of references and supporting information.

This is the initial publication of 932d Airlift Wing Instruction 21-202.

## ***SUMMARY OF CHANGES***

This interim change implements aircraft recovery FOD check, adding a requirement for FOD monitors to be cognizant of airfield surface repairs. Removal of SAFBI 21-111 from the investigation and reporting section and removing the requirement for retraining in the FOD training paragraph. Reference date changes, replacing the SAFBI 21-111 with AFI21-101\_AMCSUP\_SCOTTAFB SUP 12 July 2010.

**1. General:** Individual involvement in the FOD Prevention Program will reduce the number of incidents involving FOD.

**2. Responsibilities:**

2.1. The 932d Airlift Wing Vice Commander (AW/CV) is the FOD prevention program manager and will assign a wing FOD prevention monitor located within Quality Assurance.

2.2. It is the responsibility of all 932 AW Personnel to ensure compliance with this wing instruction.

**3. Unit FOD Prevention Committee:** The 932 AW Unit FOD Prevention Committee consists of, but not limited to, the following personnel:

Airlift Wing Vice Commander (FOD program manager)

Maintenance Group Commander

Maintenance Squadron Commander

Maintenance Squadron Superintendent

Production Superintendent

Engine Shop Supervisor

Quality Assurance FOD Monitor

Maintenance Group Safety Monitor

Chief, Wing Safety

3.1. The FOD prevention committee discusses and/or resolves FOD problems at the quarterly FOD meeting.

3.2. A representative from this committee will attend the 375th Airlift Wing quarterly meeting.

3.3. The minutes from the 375 AW quarterly FOD meeting will be briefed to the 932 AW FOD prevention quarterly meeting.

**4. Flightline Operation:**

4.1. Flight decks will be checked by ground crew for foreign objects (FO) prior to each flight. Aircrew members are responsible for keeping their areas free of FO between flights and after last flight of the day.

4.2. Maintenance aircraft launch and recovery personnel will perform a FOD check of aircraft parking area after each launch and prior to aircraft recovery. All foreign objects will be removed and any maintenance related FO will be given to the FOD Monitor.

4.3. All vehicle tires will be inspected prior to entry on aircraft parking ramp at designated FOD checkpoints.

4.4. Production Superintendent or Expeditor will request powered sweepers to clean the flight line ramp as necessary.

#### **5. FOD Inspections:**

5.1. 932d Maintenance Group (MXG) will provide a minimum of 5 personnel to assist with the weekly 375 AW FOD walks.

5.2. 932 MXG Quality Assurance (QA) will monitor results of weekly FOD spot checks. If spot checks show increasing FOD trends, additional FOD walks may be dictated as required.

5.3. QA FOD monitors will conduct spot checks once a week on selected areas. These areas include hangars, ramp, aprons, work areas and access roads. Spot checks will be documented as rated evaluations and entered into the Quality Assurance Tracking and Trend Analysis System.

5.4. QA FOD monitors should be aware of any airfield areas that are under construction or being resurfaced. These areas should be monitored as a possible FO source and if it becomes necessary, contact Airfield Management for intervention or FO mitigation.

#### **6. Investigation and Reporting:**

6.1. All FOD incidents will be monitored by the FOD prevention manager and investigated by the QA FOD monitor with the assistance of the engine shop and the safety office. Reporting will be accomplished in accordance with AFI 21-101 AFRC SUP 1 and AFI 21-101\_AMCSUP\_SCOTTAFBSUP.

#### **7. FOD Training:**

7.1. Newly assigned maintenance and operations personnel will receive initial FOD prevention training from their duty section supervisor or trainer.

WILLIAM H. EDWARDS, JR., Col, USAFR  
Commander

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

AFI 21-101\_AMCSUP\_SCOTTAFB SUP, 12 July 2010

AFI 21-101\_AFRCSUP\_I, Aircraft and Equipment Maintenance Management, 13 January 2011

AFMAN 33-363, Management of Records, 01 March 2008

AFOSHSTD 91-100, Aircraft Flight Line Ground Operations and Activities, 01 May 1998

AFPD 21-1, Air and Space Maintenance, 25 February 2003

AFRIMS RDS [afca.rims@scott.af.mil](mailto:afca.rims@scott.af.mil)

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***Adopted Forms***

AFIMT 847, Recommendation for Change of Publication

***Abbreviations and Acronyms***

**AF IMT**—Air Force Information Management Tool

**AFB**—Air Force Base

**AFI**—Air Force Instruction

**AFMAN**—Air Force Manual

**AFOSHSTD**—Air Force Occupational Safety and Health Standard

**AFPD**—Air Force Policy Directive

**AFRC**—Air Force Reserve Command

**AFRIMS**—Air Force Records Information Management System

**AW/CV**—Airlift Wing Vice Commander

**AW**—Airlift Wing

**FO**—Foreign Object

**FOD**—Foreign Object Damage

**FODPP**—Foreign Object Damage Prevention Program

**MXG**—Maintenance Group

**NDAA**—National Defense Agency Act

**QANTTAS**—Quality Assurance Tracking and Trend Analysis System

**QA**—Quality Assurance

**RDS**—Records Disposition Schedule

**SCOTTAFB I**—Scott Air Force Base Instruction

**SUP**—Supplement

**UTA**—Unit Training Assembly