

10 JANUARY 2008

Maintenance

FOREIGN OBJECT DAMAGE (FOD)



## COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

**ACCESSIBILITY:** Publications and forms are available for downloading or ordering on the e-Publishing website at <http://www.e-publishing.af.mil>.

**RELEASABILITY:** There are no releasability restrictions on this publication.

OPR: 914 MXS/MXQ

Certified by: MXG/CC  
(Lt Col. Sharon M. Johnson)

Supersedes 914AWI 21-114, 19 Dec 2006

Pages: 6

This instruction implements Air Force Policy Directive (AFPD) 21-1, *Air and Space Maintenance*, by outlining procedures for effective Foreign Object Damage Prevention (FOD). It provides guidance, procedures, and requirements in addition to those contained in Air Force Instruction (AFI) 21-101\_ARFCSUP 1, *Aircraft and Equipment Maintenance Management*, AFI 91-204, *Safety Investigations and Reports*, Air Force Occupational Safety and Health Standard (AFOSH Std) 91-100, *Aircraft Flightline – Ground Operations and Activities*, and 914AW OPLAN 91-202, *Bird – Aircraft Strike Hazard Plan*. This instruction applies to all 914AW and tenant units that operate on, supply parts or equipment to, or require access to the flightline or maintenance areas. The 107<sup>th</sup> Air Refueling Wing will follow guidance in AFI 21-101 ANG Sup 1, provide input and a representative to attend the 914<sup>th</sup> AW FOD Prevention Committee Meeting. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*; route the AF Form 847 to the MXS/MXQ office. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 37-123 (will convert to AFMAN 33-363), *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) located at <https://afrims.amc.af.mil>.

### SUMMARY OF CHANGES

This document has been substantially revised and must be reviewed in its entirety. Major changes include the addition of FOD Prevention Walks and the use of the FOD Boss sweeper as stated in paragraph 3.

**1. Responsibilities:** Listed below are some specific responsibilities associated with managing an effective FOD prevention program.

1.1. **Vice Wing Commander** (AW/CV) assigned as the FOD Program Manager, and Chairs the Niagara Falls ARS FOD Prevention Committee, and approving authority on all FOD Prevention Program

changes/recommendations. The 914AW/CV also appoints the Wing FOD Awareness and Prevention Monitor to manage the FOD program and monitors investigations on all FOD incidents.

## 1.2. FOD Monitor

1.2.1. Located in Quality Assurance (QA), serves as the point of contact for all FOD prevention issues within the wing.

1.2.2. Coordinates FOD Prevention meetings and provides attendees with copies of the meeting minutes.

1.2.3. Analyzes FOD trend data, lost tool reports, calculates the FOD rates and lost tool statistics, and reports them at the quarterly FOD meeting.

1.2.4. Updates the 914AW/ CV of significant findings during FOD investigations.

1.2.5. Reviews investigations of all FOD incidents within the 914AW.

1.2.6. Responsible for ensuring all aircraft maintenance contract personnel are briefed on FOD practices.

1.2.7. Sets up a FOD Awards Program to nominate an individual(s) quarterly for a FOD prevention award. This award should identify an individual or individuals who have made significant contributions to the Niagara Falls FOD program. The FOD Monitor will maintain this program.

1.3. **Commanders and supervisors** are responsible for implementing the FOD prevention practices and procedures outlined in this instruction and other directives.

1.3.1. The following Maintenance Group squadron/flights will select a section FOD representative:

Aircraft Maintenance Squadron  
 Maintenance Operation Flight (MOF)  
 Avionics Flight  
 Aerospace Ground Equipment Flight (AGE)  
 Propulsion Flight  
 Fabrication Flight  
 Support Flight  
 Accessories Flight

1.3.1.1. Appointment will be made by the squadron commander.

1.3.1.2. Section FOD Prevention Monitors are responsible for identifying and forwarding FOD issues to the QA office for inclusion in the quarterly FOD Prevention Committee meeting. Section FOD monitors are not required to attend the FOD Prevention Committee meeting. They will act as the focal point for their respective sections concerning all FOD matters. They will ensure initial and workcenter FOD training is conducted.

1.4. Wing Safety: Assist in the FOD incident investigations.

