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Subject: INTERIM SAFETY SUPPLEMENT (ISS) T.O. 1-1-691SS-1, DATED 10 MAY 2007
Originator: /C=US/O=U.S. GOVERNMENT/OU=DOD/OU=AF/OU=ORGANIZATIONS/L=ROBINS AFB
GA/OU=AFRL MLS-OLR(UC)

DTG: 101805Z May 07

Precedence: ROUTINE

DAC: General

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Attachments: Bird Strike Cleaning(Revised2).doc

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SUBJ: INTERIM SAFETY SUPPLEMENT T.O. 1-1-691SS-1, DATED 24 APRIL 2007

1. THIS PUBLICATION SUPPLEMENTS T.O. 1-1-691, DATED 01 JULY 2003, TITLE:
CLEANING AND CORROSION PREVENTION AND CONTROL, AEROSPACE AND NON-AEROSPACE
EQUIPMENT. A SUITABLE REFERENCE TO THIS SUPPLEMENT WILL BE MADE ON THE TITLE
PAGE OF THE BASIC PUBLICATION. COMMANDERS ARE RESPONSIBLE FOR BRINGING THIS
SUPPLEMENT TO THE ATTENTION OF ALL AFFECTED AF PERSONNEL. MAJCOMs, FOAs, AND
DRUs ARE RESPONSIBLE FOR RETRANSMITTING THIS ISS TO SUBORDINATE UNITS NOT
INCLUDED AS ADDRESSEES ON THIS MESSAGE.

2. DISTRIBUTION STATEMENT - APPROVE FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

3. PURPOSE: THIS SUPPLEMENT IS ISSUED TO AMEND THE BASIC PUBLICATION.

4. APPROVING AUTHORITY: THIS INTERIM SAFETY SUPPLEMENT WAS APPROVED BY DAVID ELLICKS ARFL/MLS-OLR/ DSN 926-3284.

5. PURPOSE: THIS INTERIM SAFETY SUPPLEMENT IS ISSUED TO ADD THE FOLLOWING PARAGRAPHS FOR BIRD STRIKE CLEANUP ON AIRCRAFT.

6. INSTRUCTION: ON PAGE 3-50 AMEND TO ADD THE FOLLOWING PARAGRAPHS AFTER PARAGRAPH 3.5.7.3

3.5.8 Bird Strike Cleaning

Aircraft occasionally collide with birds in the air, during take-off or landing, resulting in residue that must be cleaned from the exterior and/or interior of the aircraft after landing. In areas where avian influenza A (H5N1) outbreaks are ongoing among bird populations (See Embargo of Birds from Specified Countries: <http://www.cdc.gov/flu/avian/outbreaks/embargo.htm> special precautions and cleaning procedures must be followed. Collisions with infected birds pose a risk of contaminating the exterior and/or interior surface of the aircraft with infectious blood, feces, feathers, or other materials.

WARNING

Any potential risk of human exposure to infectious material from bird strikes may be reduced by observing the following cleaning recommendations.

Use non-sterile vinyl or nitrile gloves that cover part of the arm. For additional protection

If the cleaning method may create splashing, safety goggles or glasses and a surgical mask may be worn to protect the mucous membranes.

Flexibility in modifying personal protective equipment requirements may be necessary as determined on the basis of the task and circumstances of the cleaning activity.

Wear disposable coveralls to protect clothing and skin while cleaning.

Avoid touching the mouth or face area with soiled hands or gloves. Wash hands thoroughly with soap and water after cleaning or before eating or smoking. Clean hands with an alcohol-based hand gel (at least 60% alcohol) when not visibly soiled or when soap and water are not available.

3.5.8.1 Bird Strike Clean-up. The following procedures describe a normal bird strike cleanup.

a. Place bird carcasses and/or parts in a double plastic bag and contact the installation safety office in accordance with AFMAN 91-223 Avian Safety Investigations and Reports.

b. If the bird strike occurred in a suspected H5N1 area, use one of the four approved treatment methods and include necessary documentation when shipping remains to the Smithsonian Institution, Division of Birds NHB, E610, MRC 116, 10th and Constitution Ave., NW, Washington, D.C. 20560. The USDA approved methods include: 1) Immerse in 70% alcohol and allow to dry, 2) Heat to 130 degrees Fahrenheit for at least 30 minutes, 3) Immerse in phenol and allow to dry, 4) Immerse in 10% formalin and allow to dry. Required documentation includes: 1) Certificate of Origin, 2) Certificate of Treatment, and 3) Copy of the Smithsonian U.S. Dept. of Agriculture Animal and Plant Health Inspection Service (APHIS) permit. All documents can be accessed at http://afsafety.af.mil/SEF/Bash/SEFW_new.shtml or contact the Bird/Wildlife Aircraft Strike Hazard (BASH) Team at (505) 846-1440/5673/5679. Reference AFPAM 91-212 for more information on the BASH Team.

WARNING

Do not wash contaminated surfaces with high pressurized water or cleaner, which could aerosolize H5N1 viral particles that could be inhaled.

Consult the installation CE Environmental flight for proper containment, decontamination and/or disposal of contaminated waste water.

c. Clean the exterior and interior surfaces of the aircraft, removing blood, feces, feathers, or other material thoroughly using hand cleaning method only as outlined in paragraph 3.5.2.g of this T.O. Apply a solution of MIL-PRF-87937 or MIL-PRF-85570 mixed per paragraph 3.3 of this T.O. Apply the cleaning solution to the surface with an aircraft wash pad and agitate.

d. Rinse the area using low pressure water. In areas where water could damage components or create drainage problems clean area with rag wetted with clean water.

e. Wipe the area dry with a clean, dry rag.

f. Repeat the above procedure as necessary for extremely soiled/contaminated areas.

NOTE

Consult the weapons system specific (-23 or equivalent) manual for cleaning requirements in addition to those in this manual.

WARNING

Consult the installation CE Environmental flight for proper disposal and handling of contaminated cleaning tools and materials.

g. Place all scrapers, brushes, rags and other cleaning tools in a designated receptacle for proper cleaning and/or disposal.

3.5.8.2 Internal/Enclosed (Water Sensitive) Area Clean-up. Use the following procedures in internal/enclosed areas where use of copious amounts of water could damage components, create drainage problems, etc.

a. Follow steps 3.5.8.1 a thru e.

WARNING

Ethyl alcohol is flammable and moderately toxic to skin, eyes and respiratory tract. Eye and skin protection is required. Good general ventilation is required.

CAUTION

Consult system specific manuals to identify system de-energizing requirements prior to using flammable materials in aircraft interior areas.

b. Wipe the area with clean cloth saturated in 70% ethyl alcohol (O-E-760, NSN 6550-01-315-5333). The alcohol must remain on the surface approximately 10 minutes to ensure the H5N1 virus is killed. More than one application may be required to achieve this dwell-time.

WARNING

Consult the base bioenviron-mental office for proper disposal and handling of contaminated cleaning tools and materials.

c. Place all scrapers, brushes, rags and other cleaning tools in a designated receptacle for proper cleaning and/or disposal.

7. THE TECHNICAL CONTENT MANAGER (TCM) FOR THIS SUPPLEMENT IS DAVID ELLICKS, AFRL/MLS-OLR, DSN 468-3284/COMM 478-926-3284, AFCORR@ROBINS.AF.MIL.