

===== Original Message =====

[MESSAGE NUMBER: 1-186139290-5]
FROM: THE BOEING COMPANY
TO: MOM [MESSAGE NUMBER:1-186139290-5] 27-Jun-2006 10:49:35 US
PACIFIC TIME
Multi Operator Message

CORRECTED COPY

This message supersedes Message Number 1-186139290-1 dated 11-May-2006 10:23:20 US PACIFIC TIME. Please destroy all copies of Message Number 1-186139290-1.

Reason for Corrected Copy: 1. To change the wording in the first paragraph of the Description field from, "In compliance with the International Air Transport Association (IATA)" to "Boeing recommends the following which include some additions to the International Air Transport Association (IATA) recommendations." 2. To update the status of the EPA review of Eco Tru 1453 and to include current Boeing recommended disinfectant products.

FROM: THE BOEING COMPANY
TO: MOM [MESSAGE NUMBER:1-186139290-1] 11-May-2006 10:23:20 US
PACIFIC TIME
Multi Operator Message

This message is sent to all customers and to all Boeing Field Service bases, Regional Directors, the Air Transport Association, International Air Transport Association, and Airline Resident Representatives.

SERVICE REQUEST ID: 1-186139290
ACCOUNT: BOEING CORRESPONDENCE (MOM)
DUE DATE: 08-May-2006
PRODUCT TYPE: Airplane
PRODUCT LINE: SEVERAL
PRODUCT: SEVERAL
ATA: 2170-20

SUBJECT: Avian Flu - External Cleaning Procedure Following a Bird Strike

REFERENCES:
/A/ D6-17487, Evaluation of Airplane Maintenance Materials
/B/ D6-7127, Cleaning Interiors of Commercial Transport Aircraft

SUMMARY:
This message responds to operator requests for an external cleaning procedure that can be used on airplanes following a suspect Avian Influenza bird strike.

DESCRIPTION:
Boeing recommends the following actions which include some additions to the International Air Transport Association (IATA) instructions dated 14 March 2006,
http://www.iata.org/whatwedo/health_safety/aviation_communicable_disease

s.htm:

1. Wear disposable gloves, disposable respirator, and eye protection.
2. If body contact is unavoidable while cleaning the aircraft, wear a disposable coverall.
3. Do not use air or water under pressure to clean the surface of the aircraft that was hit by the bird.
4. Remove the bird remains and put them in a plastic bag.
5. Do not touch your face, eyes, nose, etc. with your gloves.
6. Spray the contaminated surface with an approved cleaner / disinfectant and wipe clean.

When cleaning the external aircraft surfaces to remove bird strike residue, cleansing agents and disinfectants qualified to the ref /B/ document are recommended. Boeing does not test any product for substance efficacy against disease agents. Boeing recommends airline operators contact the World Health Organization (WHO), product manufacturers, government agencies, or local health agencies for product efficacy. However, the WHO website, http://www.who.int/csr/disease/avian_influenza/en/, recommends the use of Virkon, a material that corrodes aluminum. Boeing strongly recommends that operators not use this product.

Boeing previously reviewed the material compatibility of Eco Tru 1453 and found it acceptable, however, the US Environmental Protection Agency (EPA) no longer approves of Eco Tru 1453 as a disinfectant product. Since the EPA no longer approves of the efficacy of Eco Tru 1453, Boeing can no longer recommend the use of this product. Boeing has recently learned that Eco Tru has submitted test data from an independent lab to the Environmental Protection Agency (EPA) for the purpose of re-establishing the EPA registration of Eco Tru 1453.

Boeing has just completed the testing of a new product, Calla 7127, for D6-17487 materials compatibility. Boeing found Calla 7127 to be compatible with the airplane aluminum exterior when the product is in a diluted form, 3.5 ounces per 4.5 gallons of water (0.73 ounces per gallon). The product is being marketed by Zip-Chem Products. Please contact Jason Smith, Zip-Chem Products, Technical Support, (425) 745-2165 for availability information.

Boeing also continues to list Ogee 350 as a D6-7127 compliant disinfectant. Documents D6-17487 and D6-7127 will be revised to include the current information.

7. If necessary, repeat the Step 6 procedure until surface is clean.
8. Dispose of the wipes in the plastic bag containing the bird remains.
9. Spray the affected area again with cleaner / disinfectant and leave in place (this step is allowed only if the cleaning product can be left on the surface in accordance with the ref /A/ and ref /B/ documents. Unless rinsing with water is necessary - follow supplier's recommended instructions to meet efficacy requirements).

10. Remove the disposable gloves, disposable respirator, and the disposable coverall (if used) and put them into the plastic bag containing the bird remains and the contaminated wipes.

11. Seal or tie closed the plastic bag which contains the bird remains, the contaminated wipes, the gloves, the disposable respirator, eye protection, and the disposable coveralls. Put the sealed or tied plastic bag inside of a second plastic bag. Seal or tie closed the second plastic bag.

12. Dispose of the plastic bag as normal garbage or as directed by your local health agency.

13. Wash your hands thoroughly with soap and water

The web sites below provide other information regarding avian flu virus:

http://www.cdc.gov/travel/other/avian_flu_airlines_cleaning_update_120505.htm http://www.fao.org/ag/againfo/subjects/en/health/diseases-cards/special_avian.html

If you need further information regarding the subject or if copies of attachments (when referenced) are required, please contact your local Boeing Field Service Representative. If your local Field Service Representative is unavailable, you may contact the appropriate Airline Support Manager or call the BCA Operations Center at (206) 544-7500.

Kenneth L. Ware
SE Airplane Systems - Everett
John Q. Banbury
Vice President - Fleet and Airline Support
Commercial Aviation Services
The Boeing Company

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