CT7-2E INCREMENTAL CHANGE Release Notification Date: 06/06/2024

MM 72-60-00, REPAIR 002

ACCESSORY SECTION MODULE - CORROSION ON THE IPS DUCT - REPAIR

DISCLAIMER

The Incremental Changes published by GE Aerospace are considered Instructions for Continued Airworthiness. These Incremental Changes, along with the current Manual revision and published Temporary Revisions, constitute the latest Instructions for Continued Airworthiness.

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HIGHLIGHTS

HIGHLIGHT REFERENCE	DESCRIPTION OF CHANGE
tk72-60-00-300-803	Technical Change: Deleted the use of Alodine 1200S in the procedure to repair corrosion on the IPS duct and added the use of chemical conversion coating in paragraph 8.G. Also changed the GEK 9250 reference from 70-43-18 to 70-43-07. Changed the company name to GE Aerospace in paragraph 3.

* * * FOR CT7-2E1

TASK 72-60-00-300-803

1. General Information.

   A. This section provides instructions to repair corrosion on the IPS duct.

   B. The subsequent table gives a list of the part numbers that are applicable to this repair. All part numbers are applicable to all paragraphs unless specified differently.

Part Number	Nomenclature
6071T53G01	Duct, Inlet - Particle Separator
6071T53G02	Duct, Inlet - Particle Separator

   C. Proprietary Process Statement. None necessary.

2. Special Tools and Fixtures.

   None.

3. Consumable Materials.

   The consumables listed in Table 801 are recommended for use when doing this repair. However, GE Aerospace realizes that listed consumables can not be available worldwide by their brand name. Therefore, equivalent consumables can be

used. If any questions arise as to the suitability of a substitute, contact the nearest GE Aerospace representative or a factory engineer.

TABLE 801. CONSUMABLE MATERIALS

Description	Manufacturer
Devcon Aluminum Liquid F-2	ITW Devcon 30 Endicott St. Danvers, MA 01923 1-978-777-1100
Devcon Cleaner Blend 300	ITW Devcon 30 Endicott St. Danvers, MA 01923 1-978-777-1100

Deleted

4. Expendable Parts.

   None necessary.

5. SPAD Parts.

   None necessary.

6. Applicable Service Bulletins.

   None necessary.

7. Referenced Procedures.

ATA No.	Description
GEK 9250, TASK 70-00-03-800-004	Machining Data
GEK 9250, TASK 70-21-03-160-001	Cleaning Method No. 3 - Steam Cleaning
GEK 9250, TASK 70-21-05-120-002	Cleaning Method No. 5 - Wet Abrasive Blast Cleaning
GEK 9250, TASK 70-21-12-110-010	Cleaning Method No. 12 - Heavy - Duty Acidic Cleaning for Aluminum
GEK 9250, TASK 70-42-00-350-002	Blending and Removal of High Metal Procedures
GEK 9250, TASK 70-43-07-380-007	Chemical Touch-Up Surface Refinishing Process for Aluminum

8. Procedure.

   A. Remove corrosion with one of the methods that follow:

      (1) GEK 9250, TASK 70-21-05-120-002, Cleaning Method No. 5 - Wet Abrasive Blast Cleaning.

      (2) GEK 9250, TASK 70-21-12-110-010, Cleaning Method No. 12 - Heavy - Duty Acidic Cleaning for Aluminum.

   B. Blend the corroded area with only coarse grades of abrasives for better epoxy bonding. Refer to GEK 9250, TASK 70-42-00-350-002, Blending and Removal of High Metal Procedures.

   C. Clean the particle separator inlet duct. Alternative cleaning methods can be used. Refer to GEK 9250, TASK 70-21-03-160-001, Cleaning Method No. 3 - Steam Cleaning.

   WARNING: REFER TO THE PRODUCT LABEL AND THE MANUFACTURER'S (MATERIAL) SAFETY DATA SHEET FOR INSTRUCTIONS ON THE HAZARDS, STORAGE, SAFE HANDLING AND PROPER USE OF THIS PRODUCT.

   CAUTION: IF THE IPS DUCT HAS A DRAIN HOLE, DO NOT FILL THE DRAIN HOLE WITH EPOXY. DAMAGE TO THE IPS DUCT CAN OCCUR.

   D. Fill in the corrosion pits with Devcon Aluminum Liquid F-2 epoxy as follows:

      (1) Remove all remaining contaminants from the repair area with Devcon Cleaner Blend 300.

      (2) Mix the epoxy components as directed by manufacturer.

      (3) Apply the epoxy as soon as possible after mixing.

      (4) Fill voids with the epoxy mixture to slightly above adjacent surfaces.

      (5) Remove unwanted epoxy immediately.

   E. Let the epoxy cure at room temperature, 75°F (24°C) for 24 hours minimum.

   F. Blend or machine the repaired areas to be consistent with adjacent contour. Refer to GEK 9250, TASK 70-42-00-350-002, Blending and Removal of High Metal Procedures, or GEK 9250, TASK 70-00-03-800-004, Machining Data.

   WARNING: REFER TO THE PRODUCT LABEL AND THE MANUFACTURER'S (MATERIAL) SAFETY DATA SHEET FOR INSTRUCTIONS ON THE HAZARDS, STORAGE, SAFE HANDLING AND PROPER USE

OF THIS PRODUCT.

G. Apply chemical conversion coating to all areas with missing anodize (but not those covered with epoxy). Refer to GEK 9250, TASK 70-43-07-380-007, Chemical Touch-Up Surface Refinishing Process for Aluminum.