FORWARD WING-TO-FUSELAGE FAIRING - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

   A. This section gives the procedure to replace the cover assembly of the ECU-compartment access door assembly.

   B. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	*DESCRIPTION*	*EFFECTIVITY*
53-04-01-960-801-A	COVER ASSEMBLY OF ECU-COMPARTMENT ACCESS DOOR ASSEMBLY - REPLACEMENT	ALL

TASK 53-04-01-960-801-A
EFFECTIVITY: ALL

2. COVER ASSEMBLY OF ECU-COMPARTMENT ACCESS DOOR ASSEMBLY - REPLACEMENT

A. General

(1) This task gives the procedure to replace the cover assembly of the ECU-compartment access door assembly.

B. References

REFERENCE	*DESIGNATION*
AMM MPP 06-41-01/100	-
AMM TASK 20-13-21-700-801-A/200	ELECTRICAL BONDING TEST - STANDARD PROCEDURES
AMM TASK 28-41-00-200-801-A/600	-
SRM 51-71-11-PR	-

C. Zones and Accesses

ZONE	*PANEL/DOOR*	*LOCATION*
191	191EL (LH side)	Forward wing-to-fuselage attachment area
191	191FR (RH side)	Forward wing-to-fuselage attachment area

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	*DESCRIPTION*	*PURPOSE*	*QTY*
Commercially available	Protective Gloves	For protection of technician's hands	1
Commercially available	Safety Goggles	For protection of technician's eyes	1

F. Consumable Materials

SPECIFICATION (BRAND)	*DESCRIPTION*	*QTY*
ASTM D-740	Methyl Ethyl Ketone (MEK)	AR
Commercially available	Aluminum-oxide abrasive sandpaper No. 200	AR
Commercially available	Aluminum-oxide abrasive sandpaper No. 400, 500 and 600	AR
MEP 09-066	Adhesive, Epoxy, Type II	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	*FUNCTION*	*PLACE*
1	Do the task	Forward wing-to-fuselage fairing

I. Replacement of the Cover Assy (Figure 201)

SUBTASK 960-002-A

(1) Remove the ECU-compartment access door assembly (AMM MPP 06-41-01/100) as applicable:

- 191EL (LH side);
- 191FR (RH side).

(2) Remove and discard the damaged cover assembly.

(a) Sand the surface with an aluminum-oxide abrasive sandpaper (grit No. 200) until the cover assembly is removed.

(b) Sand the surface with a fine aluminum-oxide abrasive sandpaper (grit No. 400 or finer) until all the old Epoxy adhesive is removed.

WARNING: BE CAREFUL WHEN YOU USE SOLVENTS BECAUSE THEY ARE A HEALTH AND FIRE HAZARD. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING WHEN YOU HANDLE THEM. DO NOT BREATHE THEIR GASES AND WORK IN A WELL VENTILATED AREA.

(3) With a cloth soaked in MEK, clean the surface.

(4) Prepare Epoxy adhesive (SRM 51-71-11-PR) at 100 parts by weight (base resin - EA9320NA-A) and add to it curing agent (EA9320NA-B) at 19 parts by weight.

(5) Apply type-II Epoxy adhesive to the faying surface of the ECU-compartment access door assembly (2). Refer toFigure 201; SECTION D-D.

(6) Install the new cover assembly (3). Refer to Figure 201; SECTION D-D.

(7) Cure the adhesive epoxy during the correct curing time (SRM 51-71-11-PR and MEP 09-066).

(8) Do an inspection on the fuel-quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

NOTE: The inspection of the fuel-quantity indication harness is a part of the Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Aircraft Maintenance Program.

(9) Install the ECU-compartment access door assembly as applicable (AMM MPP 06-41-01/100):

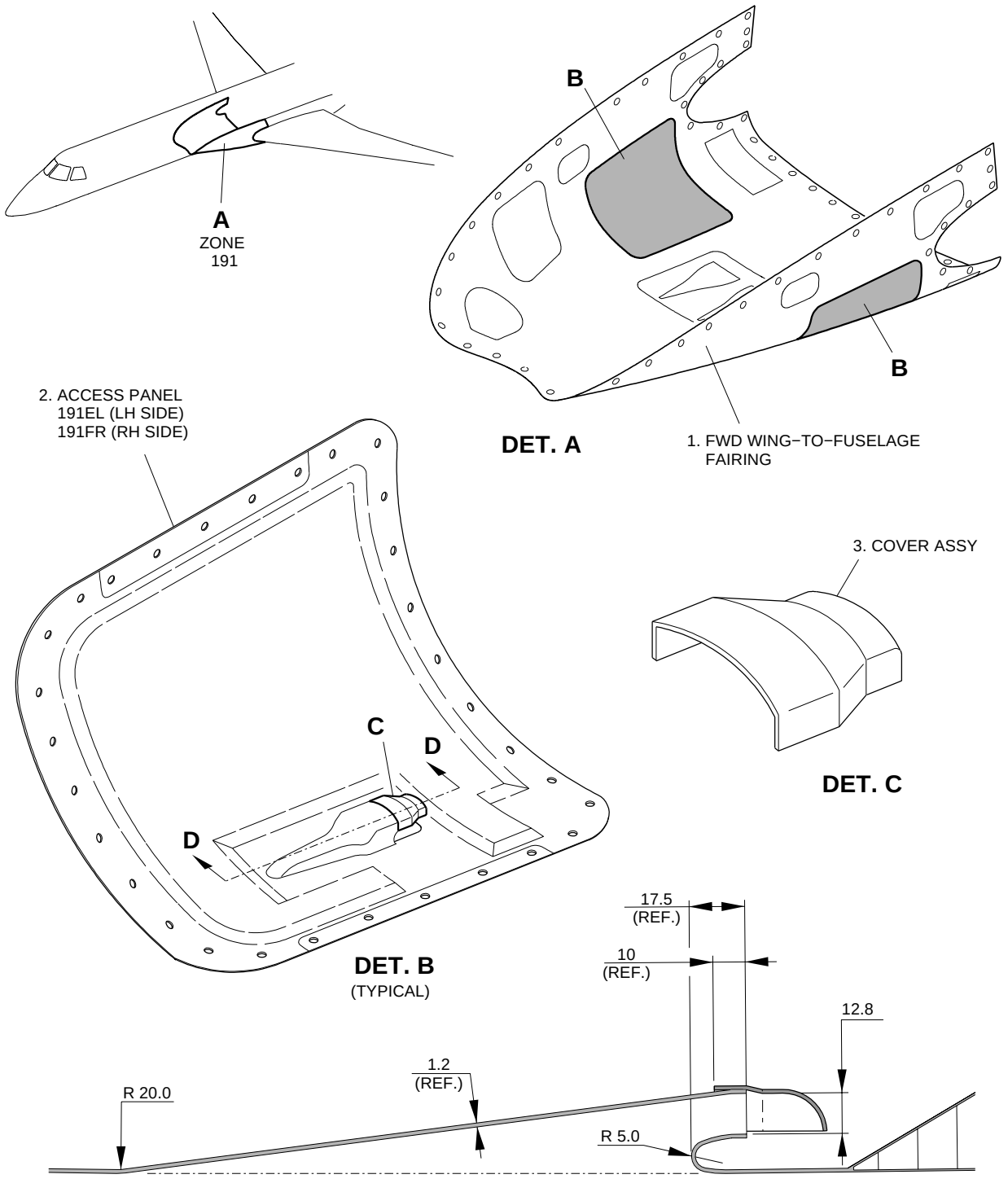
- 191EL (LH side);
- 191FR (RH side).

(10) Do the electrical-bonding test procedure as given in AMM TASK 20-13-21-700-801-A/200.

(11) Do the procedure to put the aircraft back to initial condition.

EFFECTIVITY: ALL

Replacement of the Cover Assembly of the ECU-Compartment Access Door Assembly
Figure 201



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