



AIRCRAFT MAINTENANCE MANUAL

MAIN LANDING-GEAR DOOR POLYURETHANE FILM - INSPECTION/CHECK

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedures to do an inspection on the polyurethane film at the doors of the main landing gears.
- 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
32-10-12-200-801-A ♦	MAIN LANDING-GEAR DOOR POLYUR-ETHANE FILM - INSPECTION/CHECK	ACFT MODEL(S) EMB-145



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TASK 32-10-12-200-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

2. MAIN LANDING-GEAR DOOR POLYURETHANE FILM - INSPECTION/CHECK

A. General

- (1) This task gives the instructions to do an inspection on the polyurethane film at the doors of the main landing gears.

B. References

REFERENCE	DESIGNATION
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 32-00-01-910-801-A/200	LG SAFETY PIN - INSTALLATION AND REMOVAL
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
AMM TASK 32-10-12-000-801-A/400	MAIN LANDING-GEAR DOOR POLYURETHANE FILM - REMOVAL
AMM TASK 32-10-12-400-801-A/400	MAIN LANDING-GEAR DOOR POLYURETHANE FILM - INSTALLATION
S.B.145-32-0036	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
722	722 RH	MLG Doors - RH
732	732 LH	MLG Doors - LH

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Main landing-gear doors



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I. Preparation

SUBTASK 841-005-B

- (1) On aircraft PRE-MOD. [S.B.145-32-0036](#), make sure that the pressure in hydraulic system No. 1 is fully released. Refer to [AMM TASK 29-10-00-860-802-A/200](#).
- (2) On aircraft POST-MOD. [S.B.145-32-0036](#), install the safety pin of the NLG-door solenoid valve. Refer to [AMM TASK 32-00-02-910-801-A/200](#).
- (3) Make sure that the safety pins of the landing gears are installed. Refer to [AMM TASK 32-00-01-910-801-A/200](#).

J. Visual Inspection on the Main Landing-Gear Door Polyurethane Film ([Figure 601](#))

SUBTASK 212-005-B

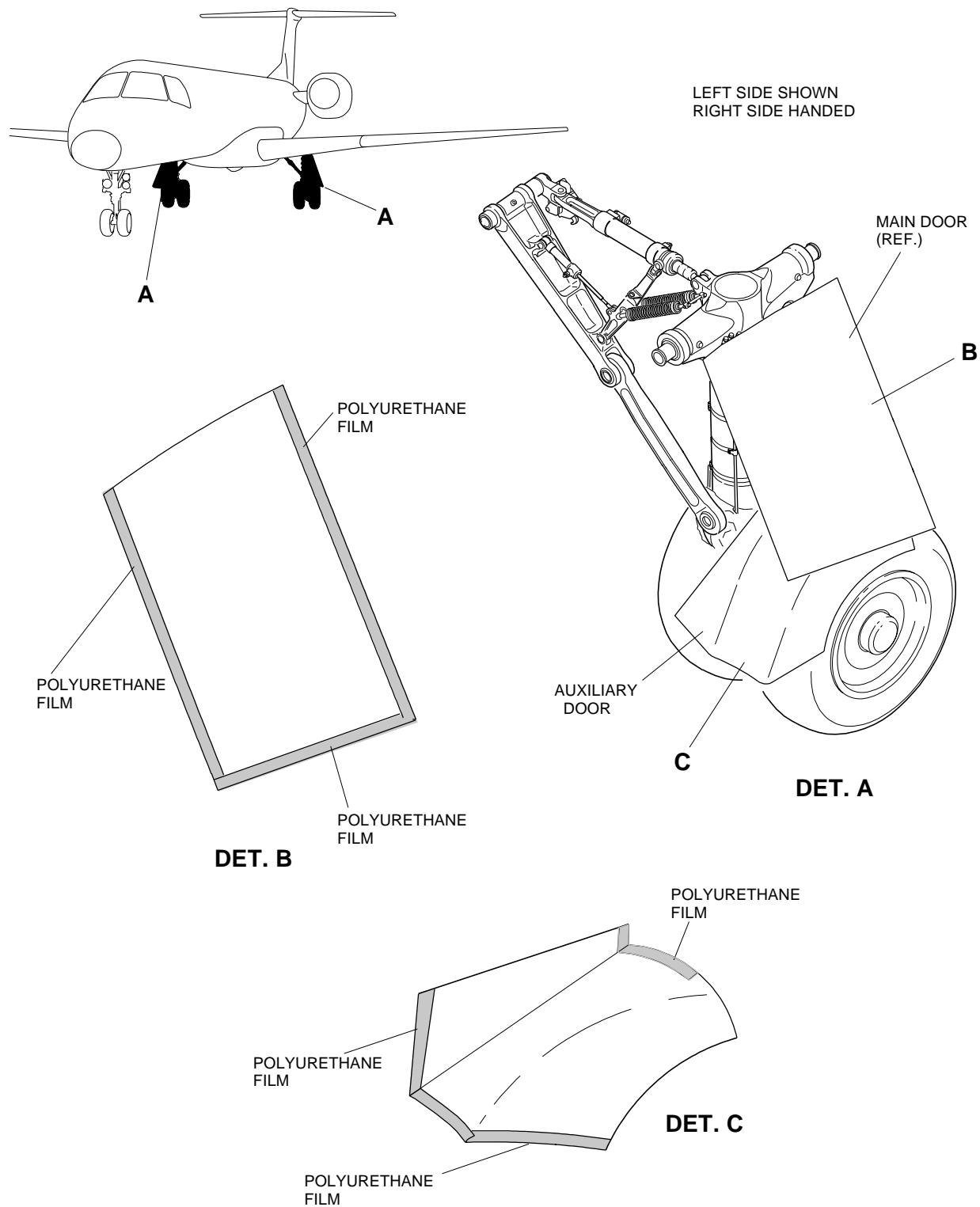
- (1) Visually examine the polyurethane films of the main landing-gear doors for erosion or small damage.
- (2) Make sure that the polyurethane film is correctly bonded to the main landing-gear doors.
- (3) If a damage is found in the main landing-gear doors, refer to [AMM TASK 32-10-12-000-801-A/400](#) and [AMM TASK 32-10-12-400-801-A/400](#) to replace the polyurethane film.

K. Follow-on

SUBTASK 842-005-B

- (1) On aircraft POST-MOD. [S.B.145-32-0036](#), remove the safety pin of the NLG-door solenoid valve. Refer to [AMM TASK 32-00-02-910-801-A/200](#).

EFFECTIVITY: ACFT MODEL(S) EMB-145
MLG-Door Polyurethane Film - Inspection
Figure 601



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