



DOORS - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to visually examine the red marks of the doors.
- B. These procedures are applicable to the red marks of the airstairs door, side-hinged main door, and service door.
- C. The red marks are in the lock boxes, locking mechanisms, and upper stops of the doors.
- D. 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
52-00-00-200-801-A ♦	DOOR RED MARKS - INSPECTION	ALL



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 52-00-00-200-801-A

EFFECTIVITY: ALL

2. DOOR RED MARKS - INSPECTION

A. General

- (1) This task gives the procedures to visually examine the red marks of the airstairs door, side-hinged main door, and service door for general conditions and visibility.
- (2) These procedures are applicable to the red marks of the lock boxes, locking mechanisms, upper stops of the airstairs door, side-hinged main door and service doors (PRE-MOD. S.B. 145-52-0033), and upper door stop and fuselage door alignment indicator of the airstairs door, side-hinged main door, and service doors (POST-MOD. S.B. 145-52-0033).
- (3) The red marks of the lock boxes are visible through the sight glasses in the door linings.

B. References

REFERENCE	DESIGNATION
AMM 25-23-04	-
CPM 51-21-06	-
S.B.145-52-0033	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
811		Main door
821		Service door
231		LH passenger cabin, airstairs door frame
231		LH passenger cabin, side-hinged main door frame
232		RH passenger cabin, service door frame

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the doors	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
01.161.1.826	Paint, PV red	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Airstairs door and Airstairs door frame, or side-hinged main door and side-hinged main door frame, or service door and service door frame

I. Preparation

SUBTASK 841-002-A

- (1) Open the airstairs door.
- (2) Open the side-hinged main door.
- (3) Open the service door.

J. Visually Check Locking Red Marks (Figure 601) (Figure 602) (Figure 603)

SUBTASK 211-002-A

- (1) Make sure that there are red marks on the locks and covers of the lock boxes, track assemblies, cam of the locking mechanisms (2 positions for the airstairs door and side-hinged main door and 1 position for the service door), door upper stop and door-frame upper stop (PRE-MOD. S.B.145-52-0033) or door upper stop and fuselage door alignment indicator (POST-MOD. S.B. 145-52-0033).
- (2) Specially examine the red marks for general conditions and visibility.
- (3) If a discrepancy is found, do the steps bellow:
 - (a) For access the lock boxes, remove the main door lining 811CW or 811PW, or side-hinged main door 811, or service-door lining 821CW or 821BW, as applicable. Refer to AMM 25-23-04
 - (b) Apply red paint to repair the red mark. Refer CPM 51-21-06

K. Follow-on

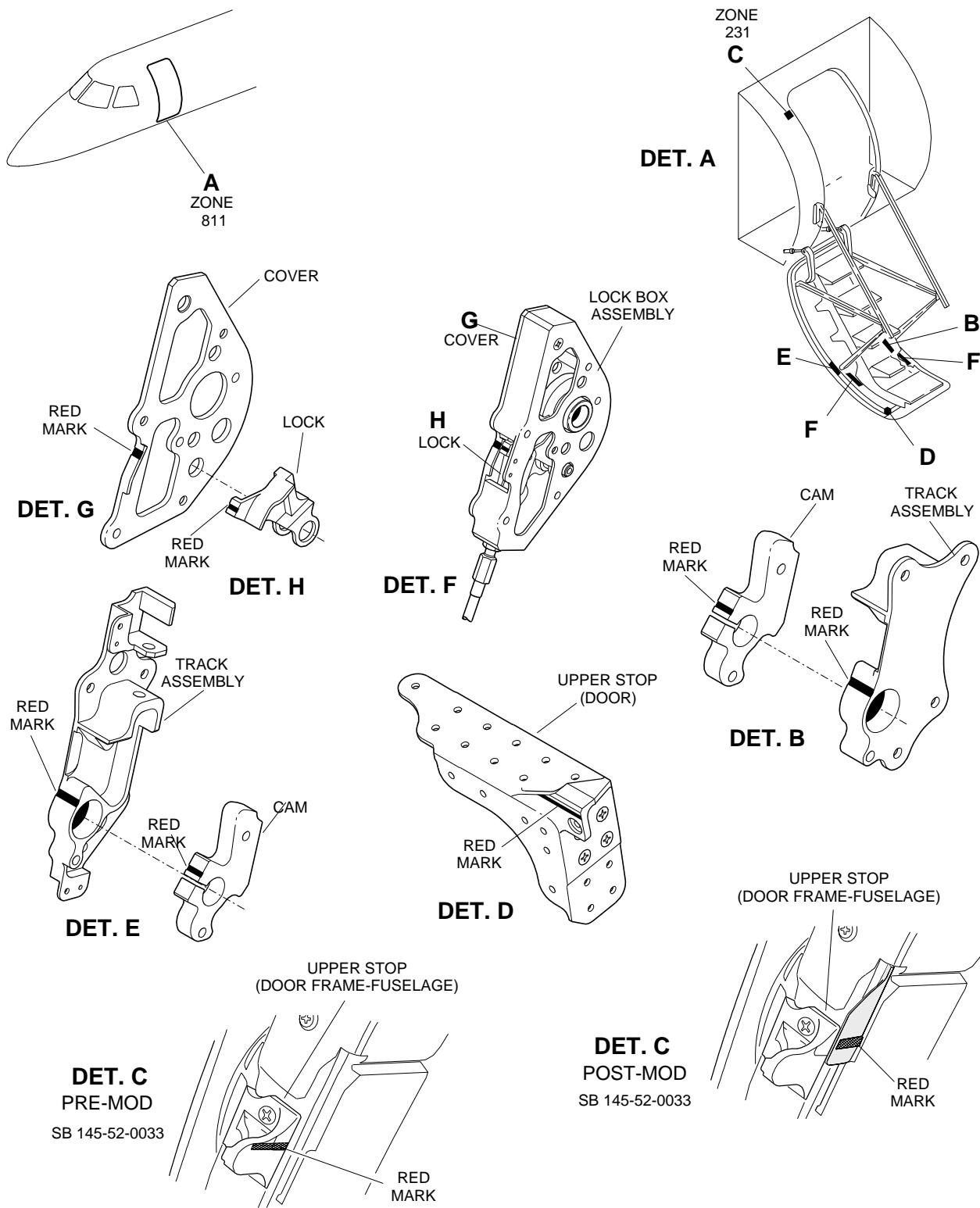
SUBTASK 842-002-A

- (1) Close the airstairs door.
- (2) Close the side-hinged main door.
- (3) Close the service door.

EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR

Red Marks of the Airstairs Door

Figure 601

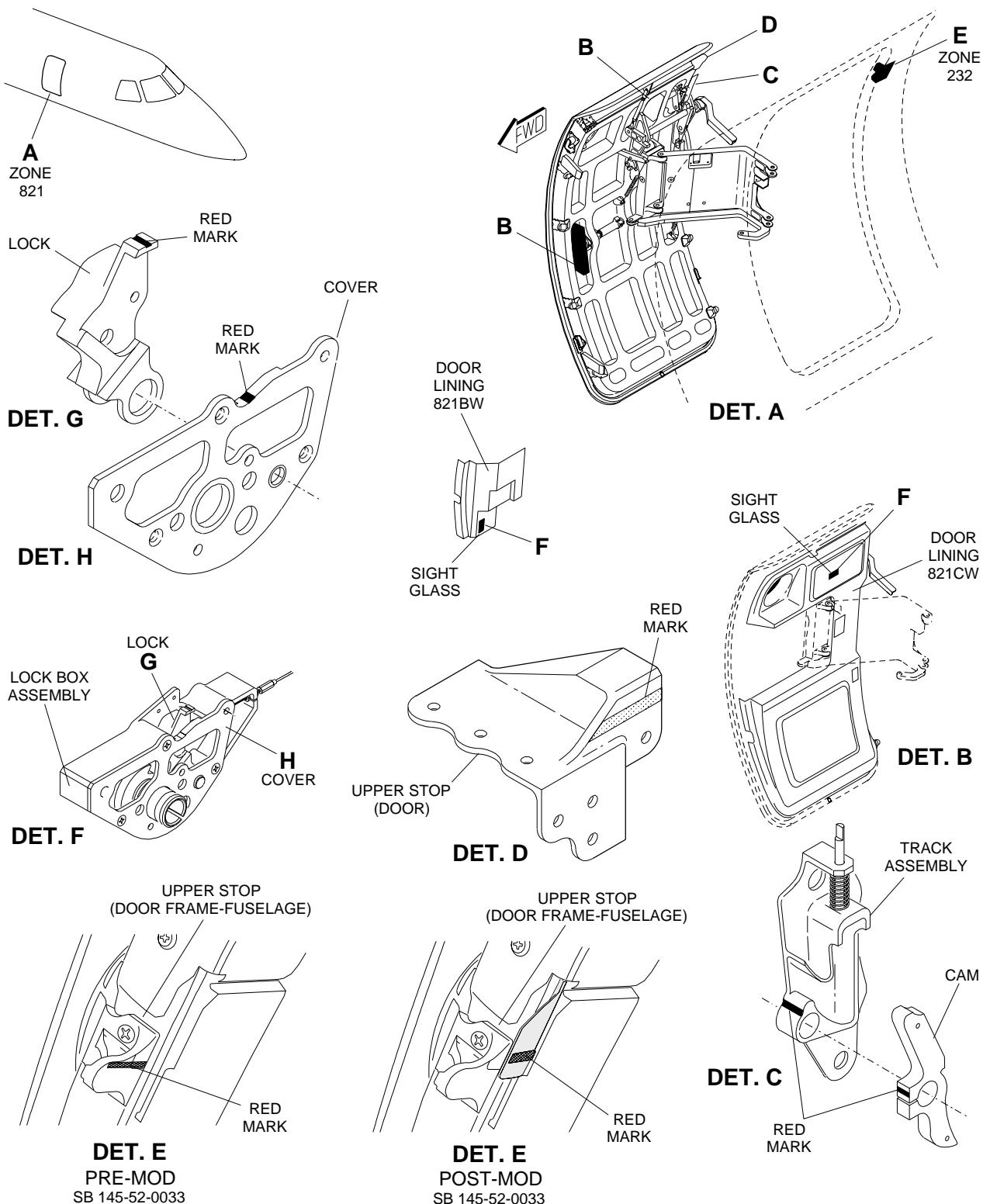


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EFFECTIVITY: ALL

Red Marks of the Service Door

Figure 602

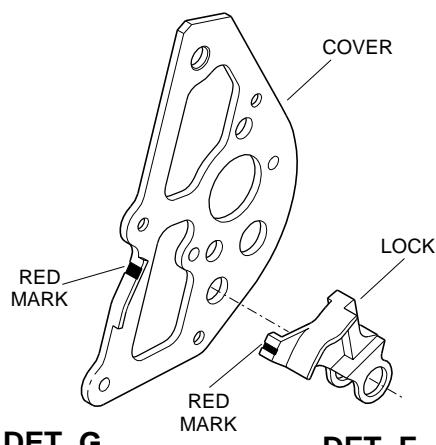
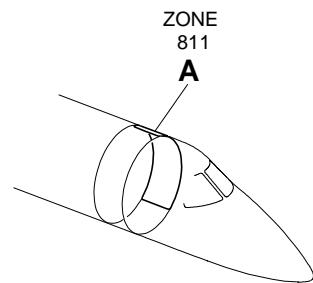


145AMM520141.MCE B

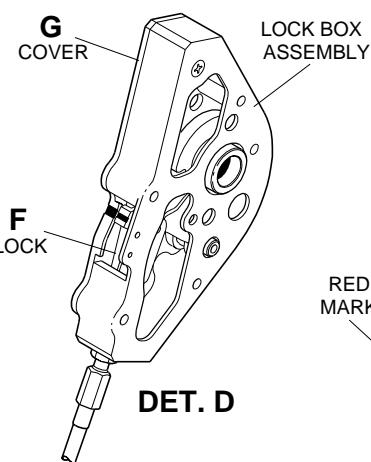
EFFECTIVITY: AIRCRAFT WITH SIDE-HINGED MAIN DOOR

Red Marks of the Side-Hinged Main Door

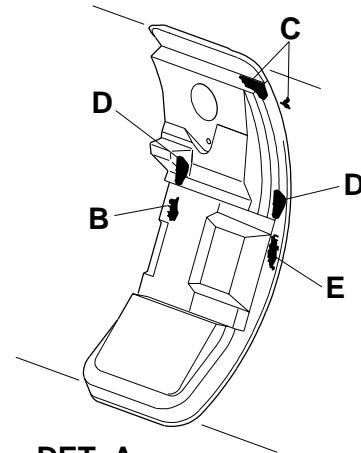
Figure 603



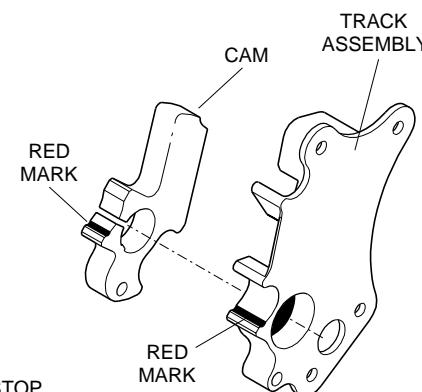
DET. G



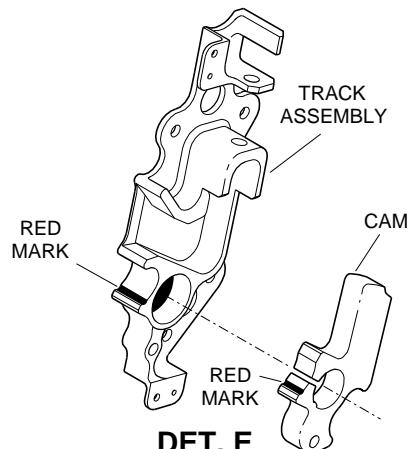
DET. F



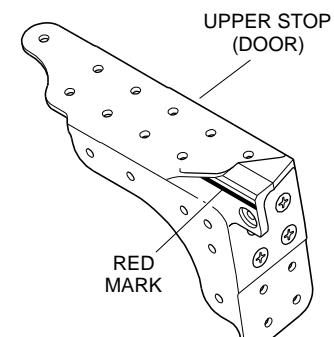
DET. A



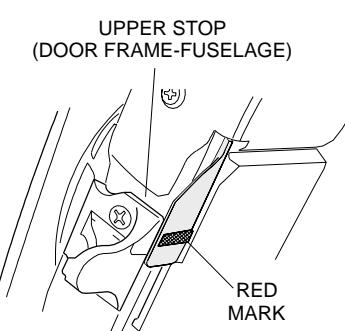
DET. B



DET. E

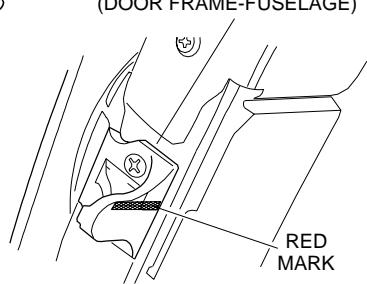


DET. C



**DET. C
POST-MOD
SB 145-52-0033**

**DET. C
PRE-MOD
SB 145-52-0033**



145AMM520237.MCE B