



## AIRCRAFT MAINTENANCE MANUAL

### MAIN DOOR DRAIN VALVES - ADJUSTMENT/TEST

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedure to do the operational check of the drain valves of the main door.
- 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
52-14-01-700-801-A ♦	MAIN DOOR DRAINS VALVES - OPERATIONAL CHECK	ALL

**TASK 52-14-01-700-801-A**
**EFFECTIVITY: ALL**
**2. MAIN DOOR DRAINS VALVES - OPERATIONAL CHECK**
**A. General**

- (1) This task gives the procedure to do the operational check of the drains valves of the main door.
- (2) There are three drain valves installed under the main door skin. The drain valves are made in rubber (refer to [Figure 501](#)).

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM SDS 52-10-00/1	
AMM TASK 25-23-04-000-801-A/400	MAIN-DOOR LINING PANEL - REMOVAL
AMM TASK 25-81-01-000-801-A/400	-
AMM TASK 25-81-01-400-801-A/400	-
SRM 51-40-02/1	-

**C. Zones and Accesses**

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
811	-	Main Door

**D. Tools and Equipment**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Screwdriver	To remove/install the drain valve	
Commercially available	Wiper cloth	To dry the drain valves	

**E. Auxiliary Items**

Not Applicable

**F. Consumable Materials**

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
Commercially available	Neutral liquid detergent	AR

**G. Expandable Parts**

Not Applicable



# AIRCRAFT MAINTENANCE MANUAL

## H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Outside the aircraft

## I. Preparation

### SUBTASK 841-002-A

- (1) Open the main door ([AMM SDS 52-10-00/1](#)).
- (2) Remove the main-door lining panels ([AMM TASK 25-23-04-000-801-A/400](#)).
- (3) Remove the main-door thermoacoustic insulation only to get access to the drain valves ([AMM TASK 25-81-01-000-801-A/400](#)).

## J. Operational Check on Main Door Drain Valves for Obstruction or Damage ([Figure 501](#))

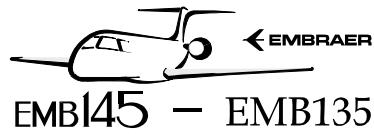
### SUBTASK 710-002-A

- (1) Pour water into the drain valves from the internal side of the door. Refer to [Figure 501](#) - Sheet 1.
- (2) From the external side, make sure that water flows through the drain valves.
- (3) If there is water flow, dry the wet region with a wiper cloth.
- (4) If there is no water flow in a drain, do as follows:
  - (a) For screwed drain valves:
    - 1 Remove the screws (5), nuts (1) and washers (2) of the three drain valves as shown in [Figure 501](#) - Sheet 2.
    - 2 Remove the washers (3) and the drain valves (4) from the main door.
    - 3 Lightly rub the surfaces of the main door drain valves with a soft cloth soaked in neutral detergent and clean with water.
    - 4 Install the three drain valves with the washers, nuts, and screws on the main door.
  - (b) For riveted drain valves:
    - 1 Remove the rivets (Refer to SRM 51-40-02/1). Then, remove the drain valves (4) from the main door.
    - 2 Lightly rub the surfaces of the main-door drain valves with a soft cloth soaked in neutral detergent and clean with water.
    - 3 Install the rivets. Refer to SRM 51-40-02/1.

## K. Follow-on

### SUBTASK 842-002-A

- (1) Install the main-door lining panels ([AMM TASK 25-23-04-000-801-A/400](#)) back.



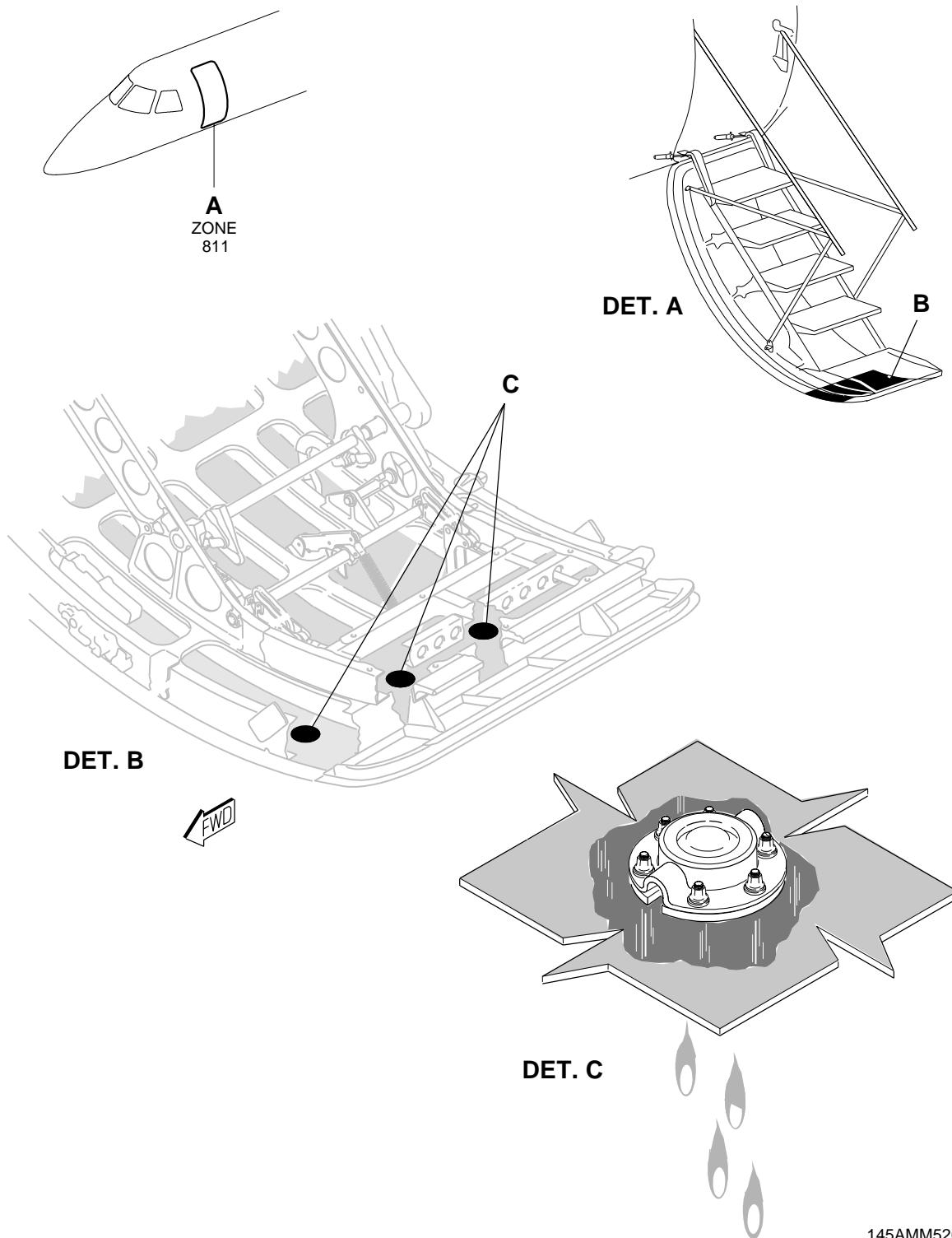
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AIRCRAFT  
MAINTENANCE MANUAL

- (2) Close the main door ([AMM SDS 52-10-00/1](#)).
- (3) Install the main door thermoacoustic insulation (AMM TASK 25-81-01-400-801-A/400) back.

**EFFECTIVITY: ALL**

Main-Door Drain Valves - Operational Check  
Figure 501 - Sheet 1

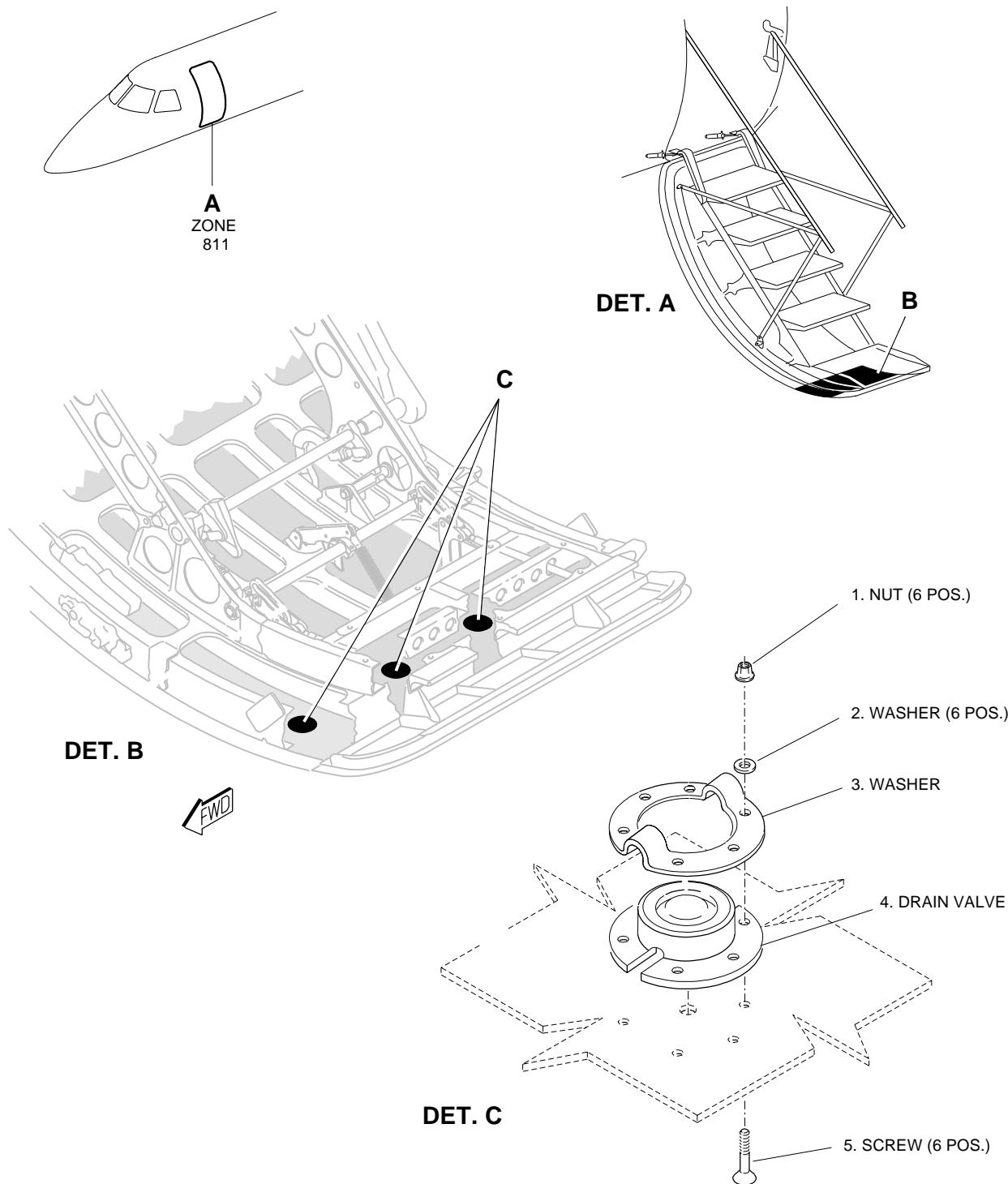


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**EFFECTIVITY: ALL**

Main-Door Drain Valves - Operational Check

Figure 501 - Sheet 2



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