



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

---

**REAR FUSELAGE I - BAGGAGE COMPARTMENT LH/RH SIDES - INTERNAL - INSPECTION/CHECK**

**EFFECTIVITY: ALL**

**1. General**

- A. This section gives the procedures to do the visual inspection on the rear fuselage I - baggage compartment LH/RH sides for general condition.
- B. Related Zones: 271/272.
- C. (Applicable to EMB-145 ( ) models) Zone Boundaries: STA X = 20793.0 thru STA X = 25581.0.  
(Applicable to EMB-135 ( ) models) Zone Boundaries: STA X = 17253.0 thru STA X = 22041.0.
- 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
05-20-42-200-801-A ♦	REAR FUSELAGE I - BAGGAGE COMPARTMENT LH/RH SIDES - INTERNAL GENERAL VISUAL INSPECTION	ALL

---



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 05-20-42-200-801-A

EFFECTIVITY: ALL

2. REAR FUSELAGE I - BAGGAGE COMPARTMENT LH/RH SIDES - INTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) This task gives instructions to do SMRD Zonal Task 53-Z271-214-002-A00.
- (3) You must do the internal general visual inspection (GVI) on rear fuselage I, in zones 271/272 at a distance from which you can touch the items that you will examine.
- (4) The function of the internal general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.
- (5) Apart from any specific targets defined in the Zonal Inspection task, a General Visual Inspection (GVI) must be conducted of the entire zone specified and includes all installations, components and structures. Refer to INTRODUCTION for zonal inspection criteria.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-51-01-000-801-A/400	BAGGAGE COMPARTMENT LINING - REMOVAL
AMM TASK 25-51-01-400-801-A/400	BAGGAGE COMPARTMENT LINING - INSTALLATION
AMM TASK 25-81-01-000-801-A/400	-
AMM TASK 25-81-01-000-802-A/400	-
AMM TASK 25-81-01-400-801-A/400	-
AMM TASK 25-81-01-400-802-A/400	-
WM 20-22-00	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
271	271ALW	Baggage compartment
271	271BLW	Baggage compartment
272	272ARW	Baggage compartment
272	272BRW	Baggage compartment
272	272CRW	Baggage compartment
272	272DR	Baggage compartment

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Ladder	To get access to the inspection area	

- 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	Rear fuselage I - baggage compartment LH/RH sides

I. Preparation ([Figure 601](#)) ([Figure 602](#))

**SUBTASK 841-002-A**

- (1) **NOTE:** For aircraft that have Class-C Baggage Compartment, do step (1) first.  
On the circuit breaker panel, open the BAGGAGE FIRE EXTG circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Put the ladder in position.
- (3) Open Baggage door and access panel 272DR ([Figure 601](#)).
- (4) Remove baggage compartment linings 271ALW, 271BLW, 272ARW, 272BRW, and 272CRW ([AMM TASK 25-51-01-000-801-A/400](#)) ([Figure 602](#)).
- (5) Remove the thermoacoustic insulation from rear fuselage I to zones 271/272 AMM TASK 25-81-01-000-801-A/400 or AMM TASK 25-81-01-000-802-A/400 as applicable.

J. Internal General Visual Inspection ([Figure 603](#)) ([Figure 604](#))

**SUBTASK 212-002-A**

- (1) Examine the interior of the zone for loose rivets, skin deformation, nicks, cracks, dents, erosion, corrosion, deteriorated protective treatment, and foreign objects ([Figure 603](#)).
- (2) Examine the interior of the zone for loose rivets, nicks, cracks, dents, erosion, corrosion, and deteriorated protective treatment at splices and circumferential splices.
- (3) Examine the interior of the zone for leakage signs, broken strands, failure ( e.g., dirty, bent, disconnected, cracked, or crushed duct) and signs of overheating caused by leakage at the connection of the tubings.
- (4) **NOTE:** The paragraph in step (4) is applicable to aircraft that have Class-C Baggage Compartment.  
Examine the discharge piping of the baggage-compartment fire-extinguishing system for cracks, nicks, bending, and loose fittings ([Figure 604](#)).
- (5) Examine the EWIS components for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

K. Follow-on

SUBTASK 842-002-A

- (1) Install the thermoacoustic insulation to zones 271/272 (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400) as applicable.
- (2) Install baggage compartment linings 271ALW, 271BLW, 272ARW, 272BRW, and 272CRW ([AMM TASK 25-51-01-400-801-A/400](#)).
- (3) Close baggage door and access panel 272DR.
- (4) NOTE: The procedure in step (4) is applicable to the aircraft that have Class-C Baggage Compartment.

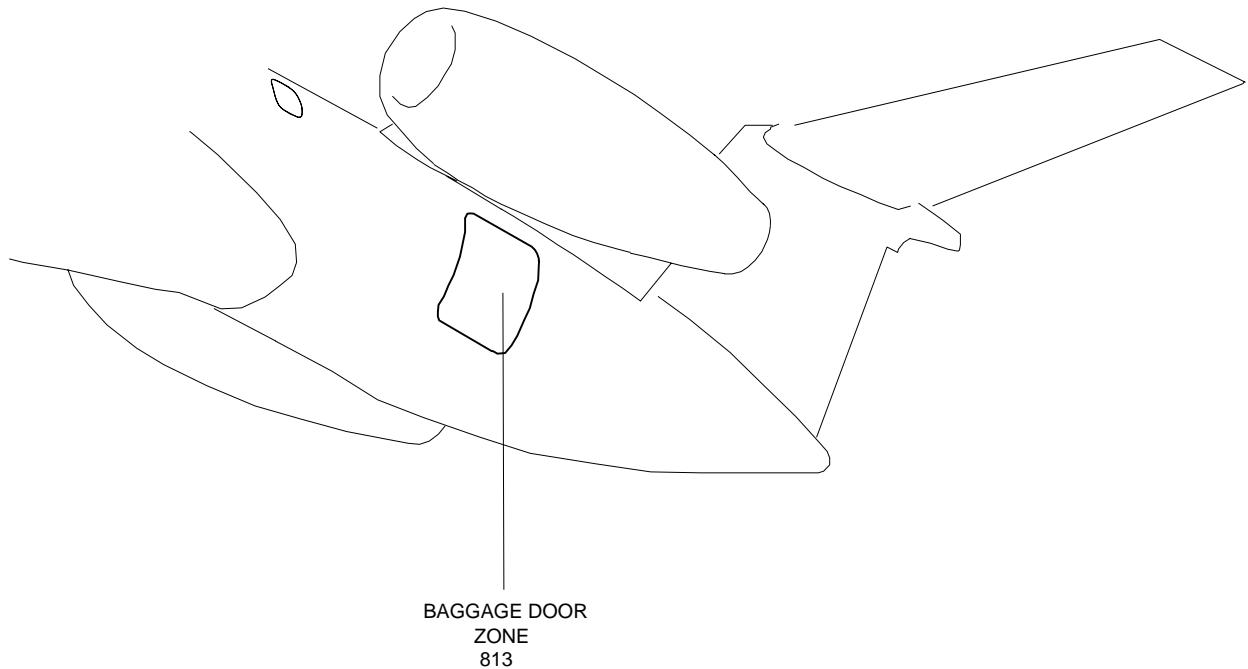
On the circuit breaker panel, close the BAGGAGE FIRE EXTG circuit breaker and remove the DO-NOT-CLOSE tag from it.

- (5) Remove the ladder.

EFFECTIVITY: ALL

Rear Fuselage I - External Access Doors and Panels

Figure 601 - Sheet 1



145AMM050085.MCE

EMB-145 - AMM 1285

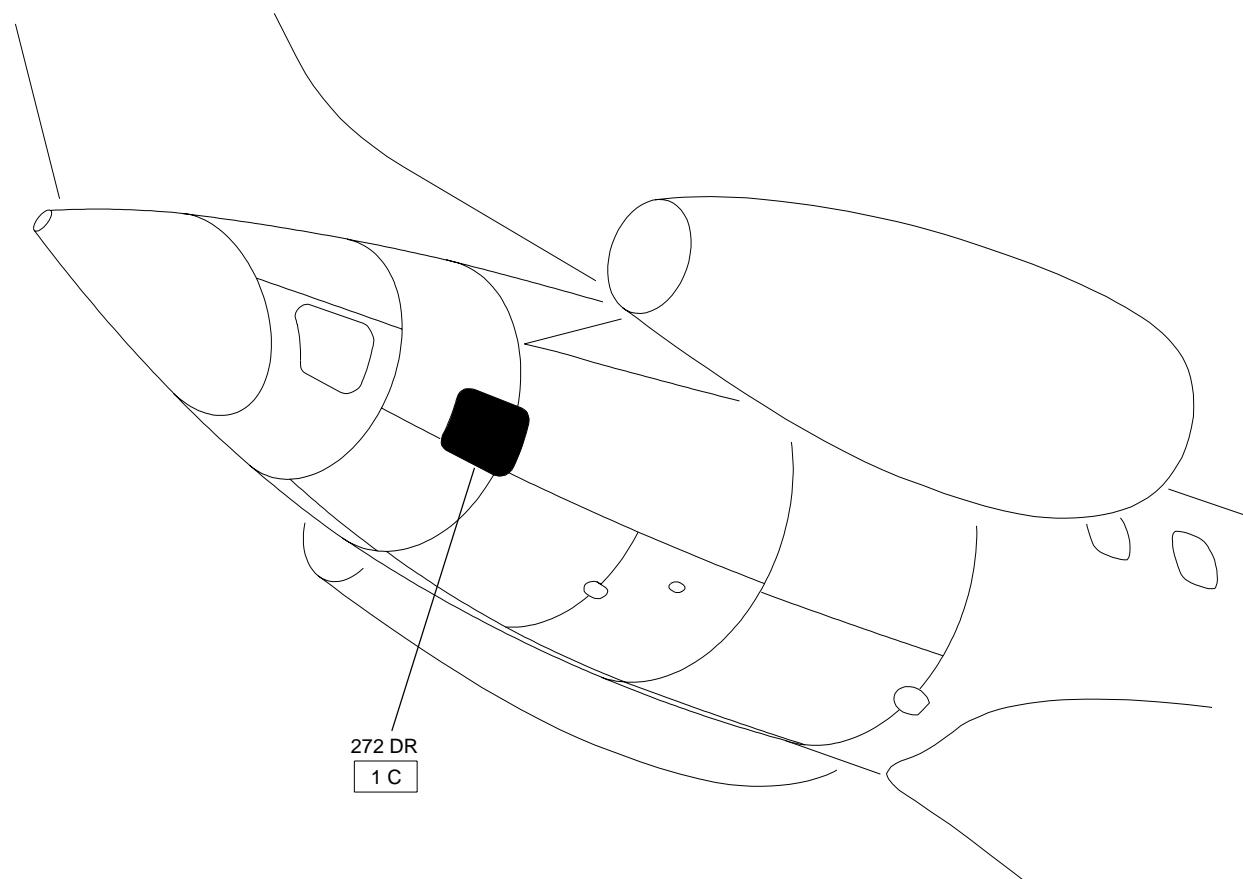
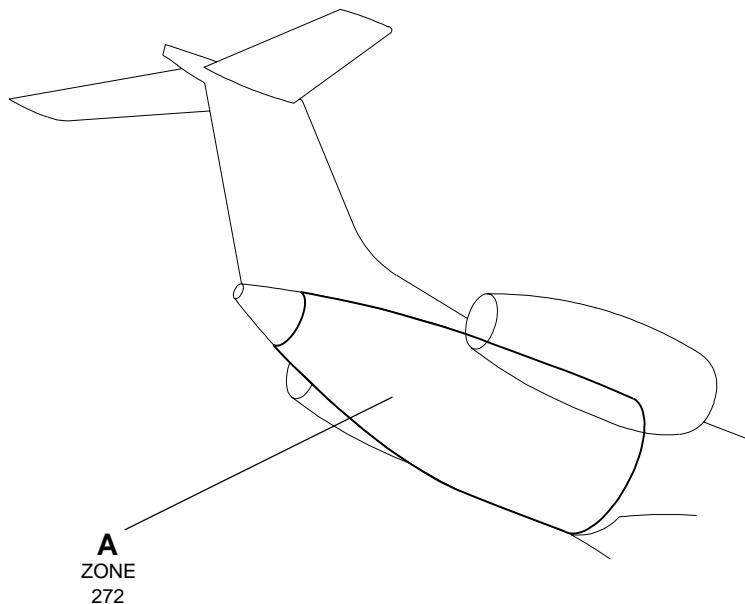
**05-20-42**

200-801-A/600  
Page 5 of 9  
Rev 48 - Oct 30/15

**EFFECTIVITY: ALL**

Rear Fuselage I - External Access Doors and Panels

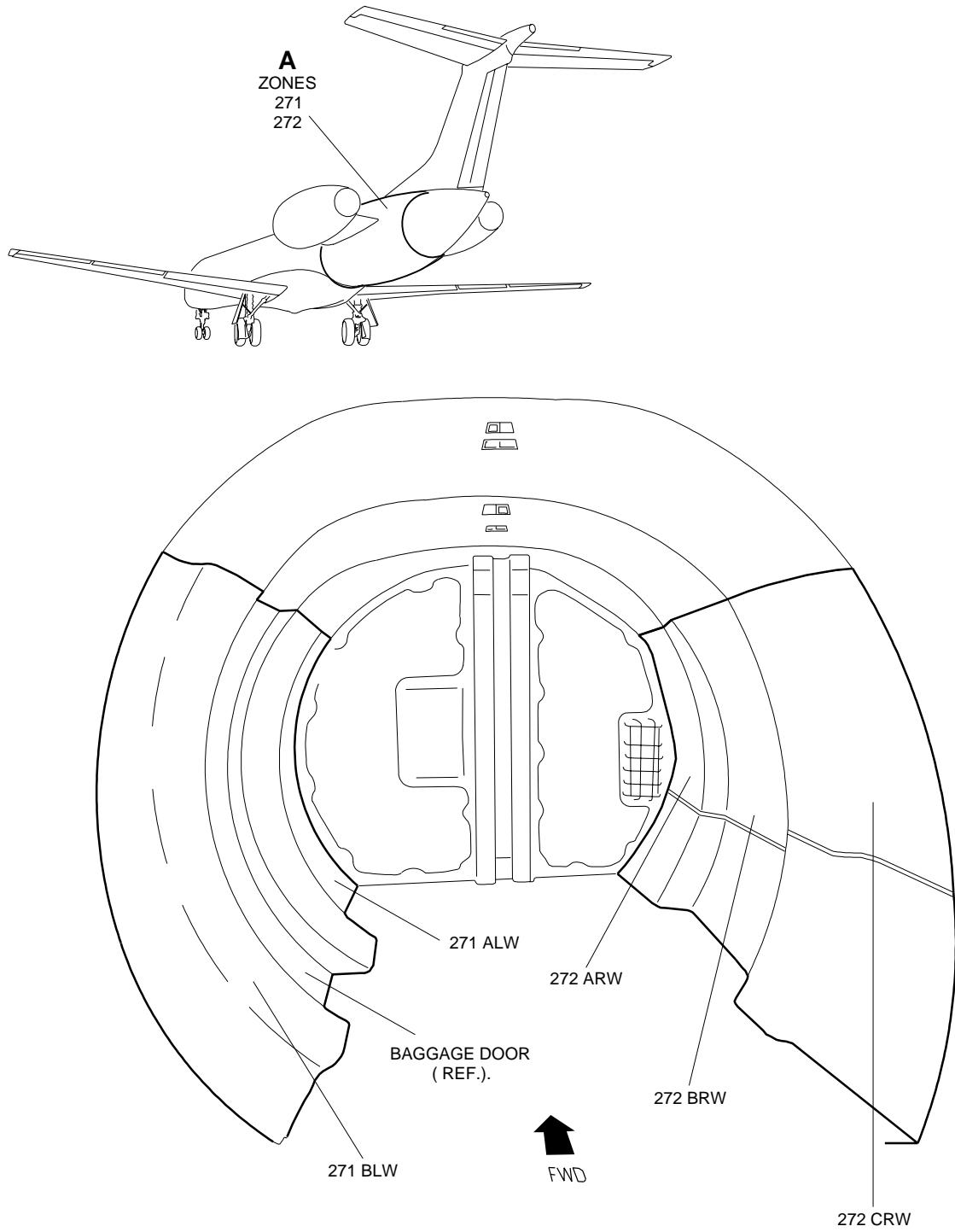
Figure 601 - Sheet 2



**DET. A**

145AMM050044.MCE A

**EFFECTIVITY: ALL**

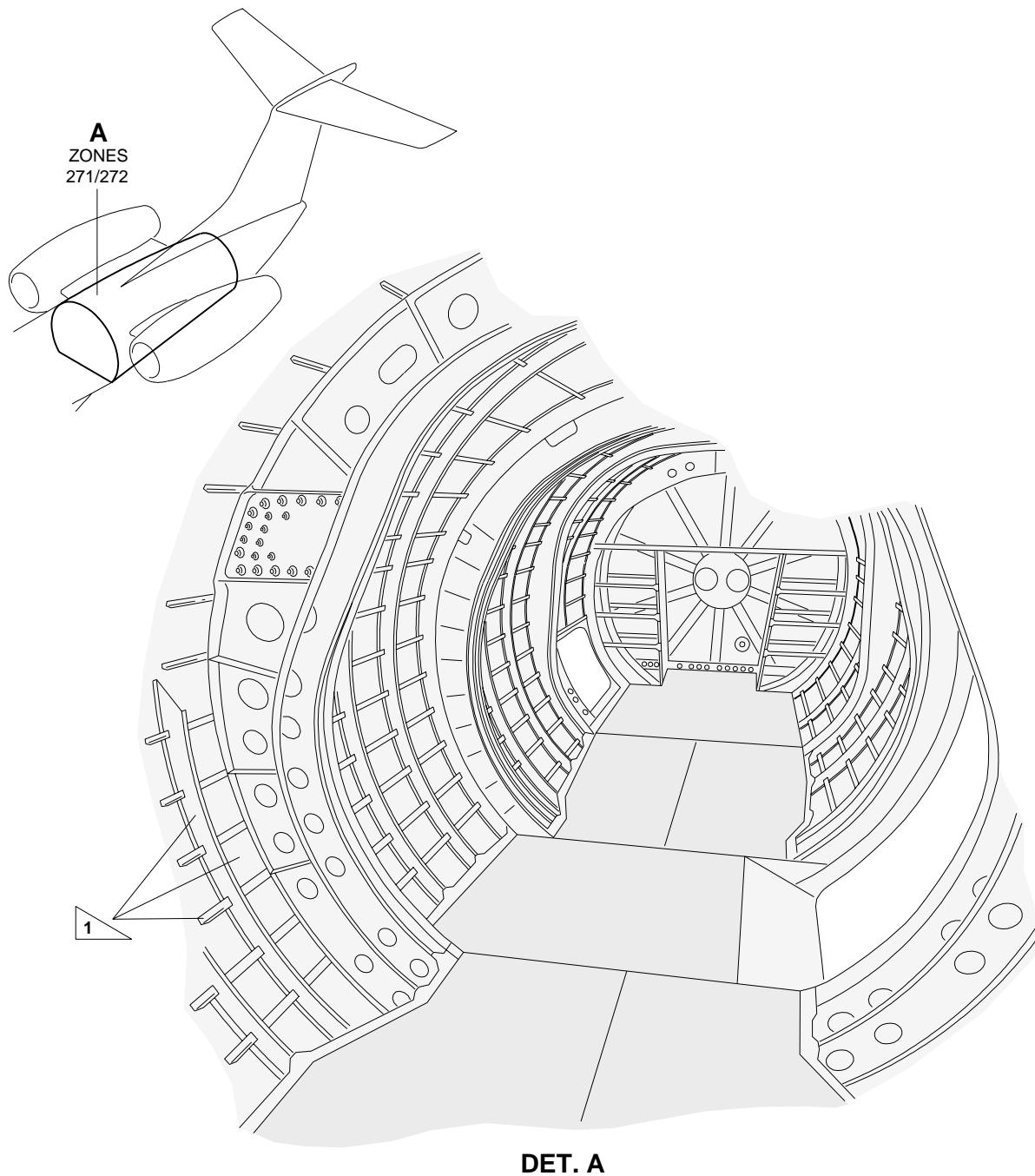
 Baggage Compartment Internal Panels  
 Figure 602


145AMM050098.MCE

**EFFECTIVITY: ALL**

Rear Fuselage I - Baggage Compartment LH/RH Sides - Internal General Visual Inspection

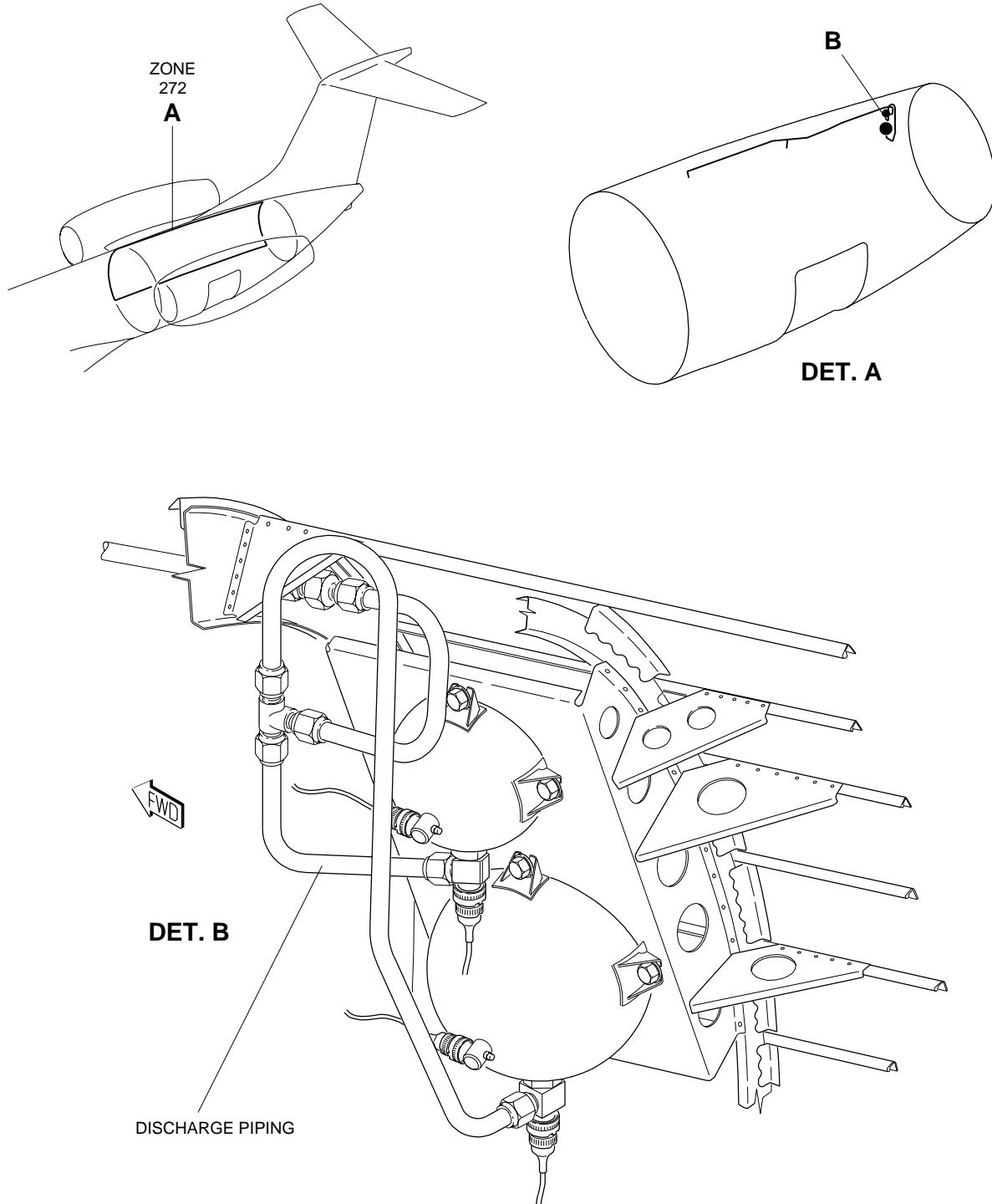
Figure 603



1 INTERNALLY INSPECT FUSELAGE SKIN PANEL AT STRINGERS, FRAMES/BULKHEAD AND SPLICES.

145AMM050121.MCE

**EFFECTIVITY: CLASS-C BAGGAGE COMPARTMENT**  
**Discharge Piping of the Baggage Compartment**  
**Figure 604**



145AMM050099.MCE

