



AIRCRAFT
MAINTENANCE MANUAL

REAR FUSELAGE I - BAGGAGE COMPARTMENT TOP - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: CLASS-D BAGGAGE COMPARTMENT

1. General

- A. This section gives the procedures to do the visual inspection of rear fuselage I - baggage compartment top for general condition.
- B. Related Zones: 273/274.
- C. Zone Boundaries: STA X = 20793.0 thru STA X = 25581.0.
- 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
05-20-45-200-801-A ♦	REAR FUSELAGE I - BAGGAGE COMPARTMENT TOP - INTERNAL GENERAL VISUAL INSPECTION	CLASS-D BAGGAGE COMPARTMENT



EMB145 - EMB135

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TASK 05-20-45-200-801-A

EFFECTIVITY: CLASS-D BAGGAGE COMPARTMENT

2. REAR FUSELAGE I - BAGGAGE COMPARTMENT TOP - 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-Z273-214-001-A00.
- (3) You must do the internal general visual inspection (GVI) of rear fuselage I, at zones 273/274, within a touching distance of the items examined.
- (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 AMM Introduction for zonal inspection criteria.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
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 25-81-01-400-801-A/400	-
WM 20-22-00	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
273	273ATC	Baggage compartment
273	273BTC	Baggage compartment
273	273CTC	Baggage compartment

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Ladder	To get access to the inspection area	
Standard	Flashlight	To make the inspection of the area easier	

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 top

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

SUBTASK 841-002-A

- (1) Put the ladder in position.
- (2) Open access panel 272DR (AMM MPP 06-41-01/100) ([Figure 601](#)).
- (3) Remove baggage compartment linings 273ATC, 273BTC, and 273CTC ([AMM TASK 25-51-01-000-801-A/400](#)) ([Figure 602](#)).
- (4) Remove the thermoacoustic insulation from rear fuselage I to zones 273/274 (AMM TASK 25-81-01-000-801-A/400).

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 stringers, frames/bulkheads, 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 tubing.
- (4) **NOTE:** The paragraph in step (4) is applicable to aircraft that have Class-D Baggage Compartment.

Examine the interior of the zone for leakage signs, broken strands, and loose parts of the rudder control cables ([Figure 604](#)).

- (5) Examine the EWIS components for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

K. Follow-on

SUBTASK 842-002-A

- (1) Install the thermoacoustic insulation to zones 273/274 (AMM TASK 25-81-01-400-801-A/400).

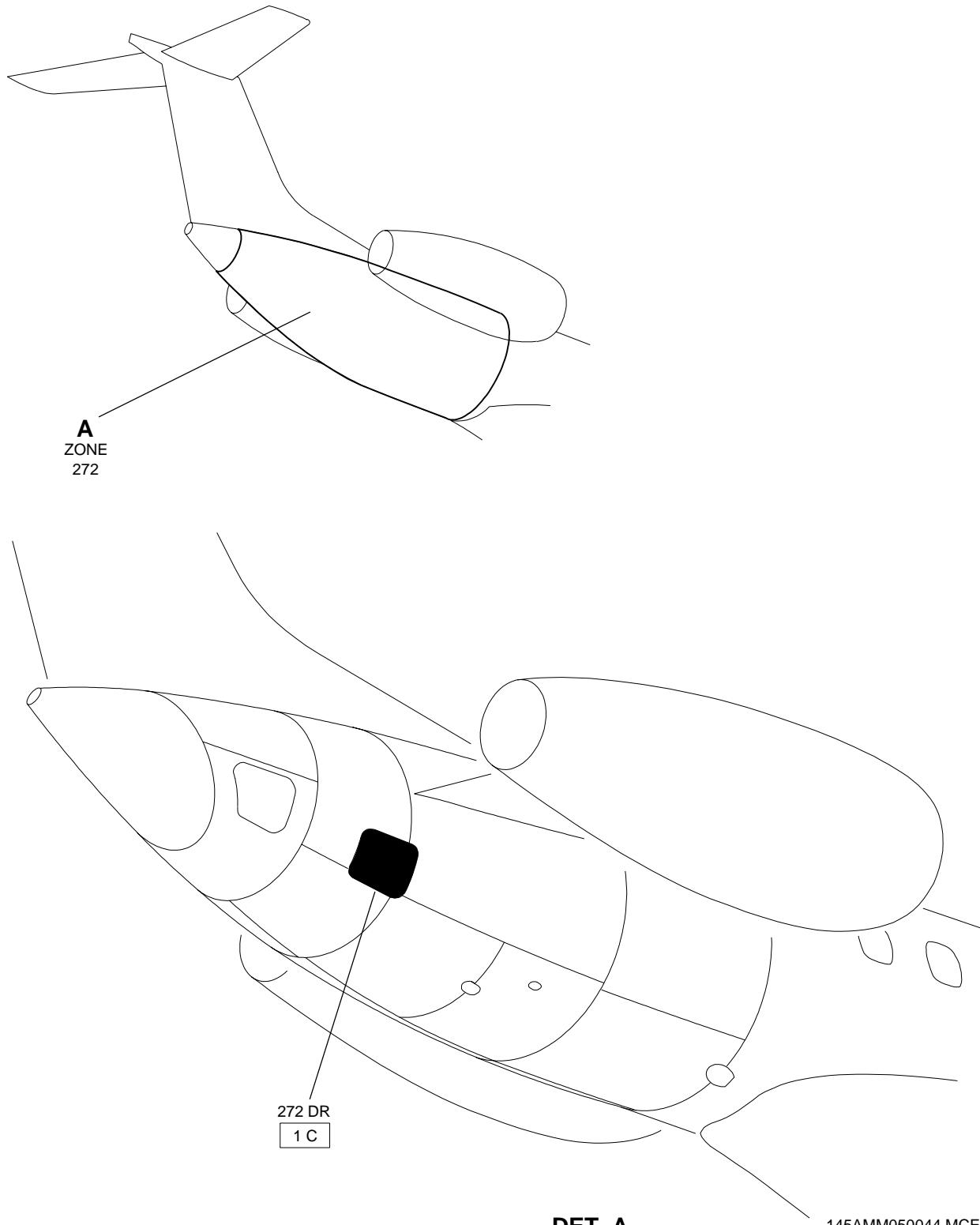


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- (2) Install baggage compartment linings 273ATC, 273BTC, and 273CTC ([AMM TASK 25-51-01-400-801-A/400](#)).
- (3) Close access panel 272DR (AMM MPP 06-41-01/100).
- (4) Remove the ladder.

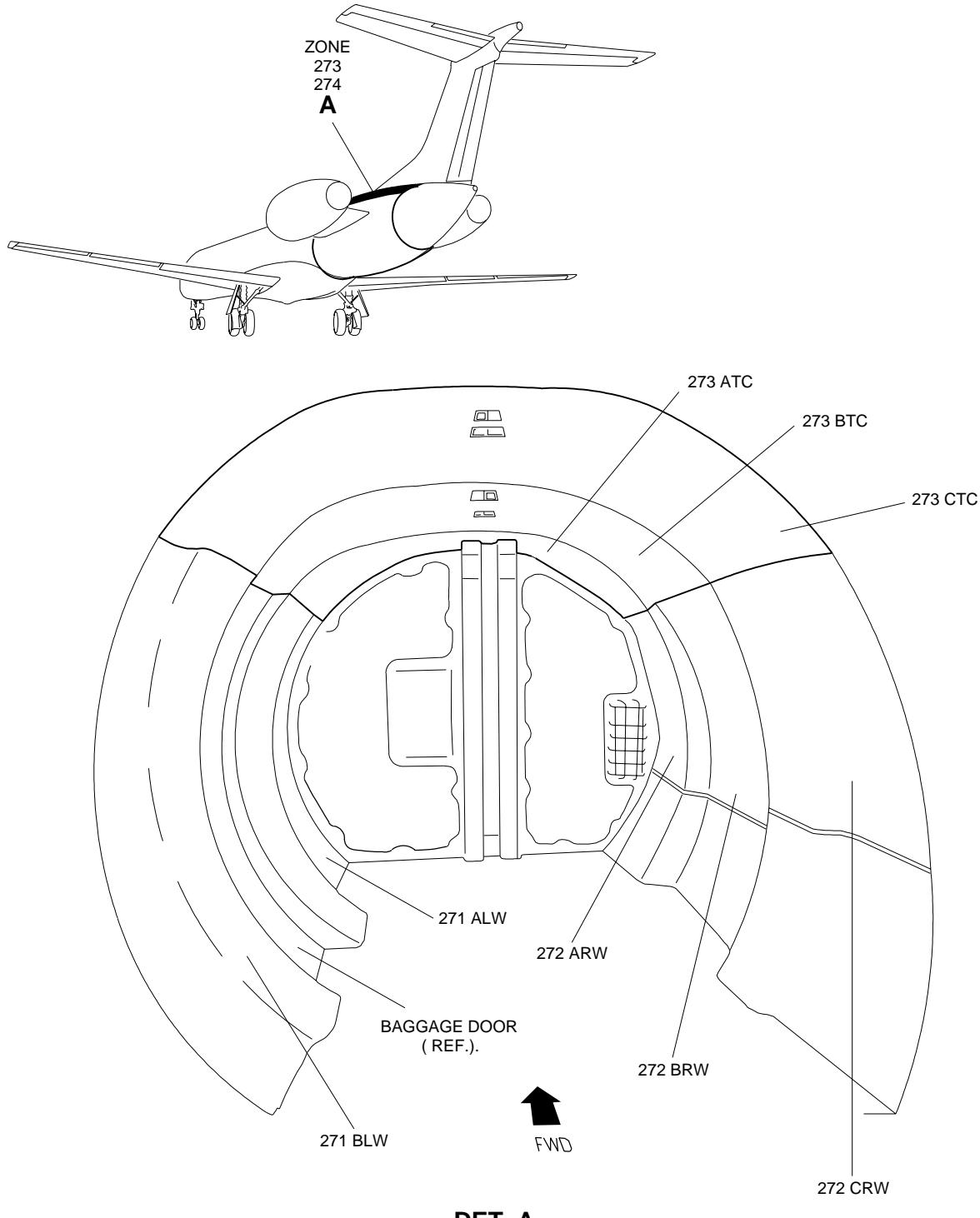
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Rear Fuselage I - Baggage Compartment Top - Access Panel
Figure 601



DET. A

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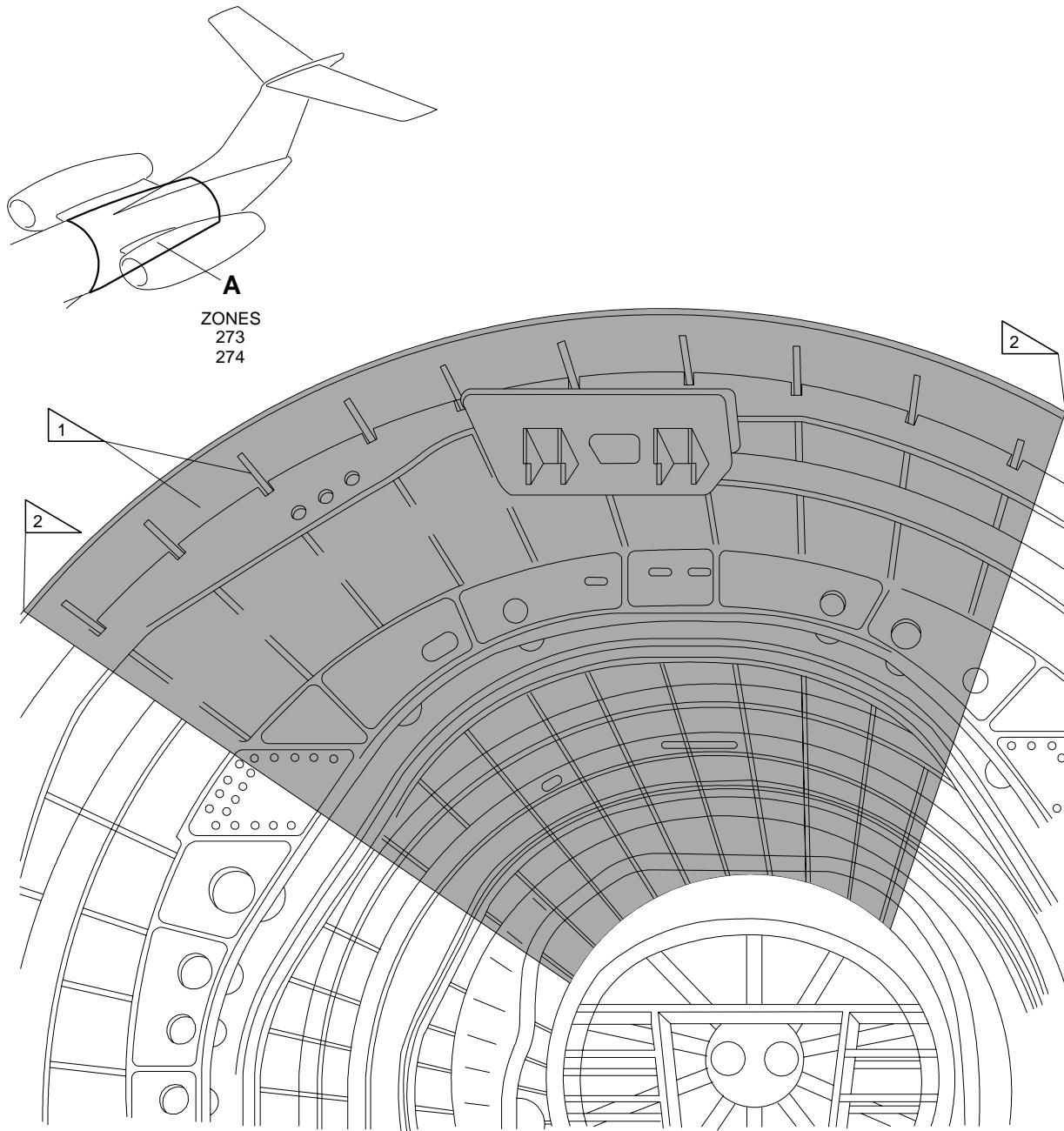
EFFECTIVITY: CLASS-D BAGGAGE COMPARTMENT

 Rear Fuselage I - Baggage Compartment Top - Baggage Compartment Linings
 Figure 602


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EFFECTIVITY: CLASS-D BAGGAGE COMPARTMENT

Rear Fuselage I - Baggage Compartment Top - Internal General Visual Inspection
Figure 603



DET. A

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

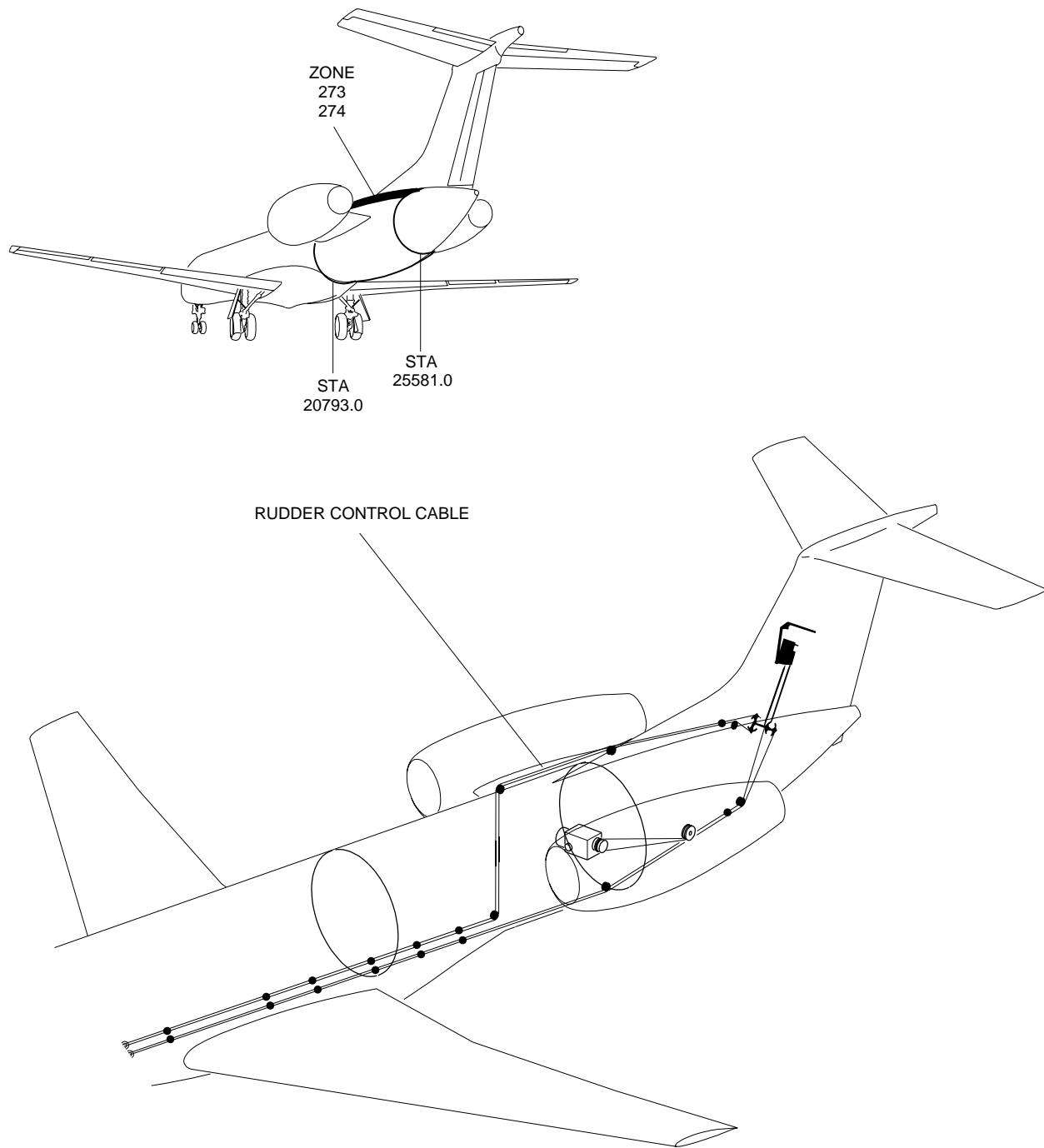
2 INTERNALLY INSPECT SKIN LONGITUDINAL AND CIRCUMFERENTIAL SPLICES.

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EFFECTIVITY: CLASS-D BAGGAGE COMPARTMENT

Rear Fuselage I - Baggage Compartment Top - Rudder Control Cables

Figure 604



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