

CENTER FUSELAGE III - PASSENGER CABIN LH/RH SIDES - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of center fuselage III - passenger cabin LH/RH sides for general condition.
- B. Related Zones: 251/252.
- C. (Applicable to EMB-145 () models) Zone Boundaries: STA X = 11990.0 thru STA X = 17727.0.
(Applicable to EMB-135 () models) Zone Boundaries: STA X = 9984.0 thru STA X = 15721.0.
- 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
05-20-30-200-801-A ♦	CENTER FUSELAGE III - PASSENGER CABIN LH/RH SIDES - INTERNAL GENER- AL VISUAL INSPECTION	ALL

TASK 05-20-30-200-801-A

EFFECTIVITY: ALL

2. CENTER FUSELAGE III - PASSENGER CABIN LH/RH SIDES - INTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do SMRD Zonal Task 53-Z251-214-001-A00.
- (2) You must do the internal general visual inspection (GVI) of center fuselage III, at zones 251/252, within a touching distance from the items examined.
- (3) The function of the internal general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. References

REFERENCE	DESIGNATION
AMM TASK 12-23-00-600-801-A/300	-
AMM TASK 25-23-01-000-801-A/400	-
AMM TASK 25-23-01-000-802-A/400	-
AMM TASK 25-23-01-400-801-A/400	-
AMM TASK 25-23-01-400-802-A/400	-
AMM TASK 25-23-02-000-801-A/400	-
AMM TASK 25-23-02-000-802-A/400	-
AMM TASK 25-23-02-400-801-A/400	-
AMM TASK 25-23-02-400-802-A/400	-
AMM TASK 25-23-03-000-801-A/400	PASSENGER-CABIN ESCAPE-HATCH LINING - REMOVAL
AMM TASK 25-23-03-400-801-A/400	PASSENGER-CABIN ESCAPE-HATCH 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	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
241	241CLW	Passenger-cabin sidewall lining
251	251ALW	Passenger-cabin sidewall lining
251	251BLW	Passenger-cabin sidewall lining
251	251CLW	Passenger-cabin escape-hatch lining
251	251DLW	Passenger-cabin sidewall lining
251	251ELW	Passenger-cabin skirting lining
251	251FLW	Passenger-cabin skirting lining

(Continued)

ZONE	PANEL/DOOR	LOCATION
261	261ALW	Passenger-cabin sidewall lining
261	261CLW	Passenger-cabin skirting lining
252	252ARW	Passenger-cabin sidewall lining
252	252BRW	Passenger-cabin sidewall lining
252	252CRW	Passenger-cabin escape-hatch lining
252	252DRW	Passenger-cabin sidewall lining
252	252ERW	Passenger-cabin skirting lining
252	252FRW	Passenger-cabin skirting lining
262	262ARW	Passenger-cabin sidewall lining
262	262CRW	Passenger-cabin skirting lining

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	Center fuselage III - passenger cabin LH/RH sides

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

SUBTASK 841-002-A

- (1) Use table 601 to remove the passenger-cabin sidewall, skirting and escape-hatch lining panels as applicable from your aircraft (AMM TASK 25-23-01-000-801-A/400) or (AMM TASK 25-23-01-000-802-A/400), (AMM TASK 25-23-02-000-801-A/400) or (AMM TASK 25-23-02-000-802-A/400) and ([AMM TASK 25-23-03-000-801-A/400](#)) ([Figure 601](#)).

Table 601 - PASSENGER-CABIN SIDEWALL, SKIRTING AND ESCAPE-HATCH LINING PANELS

AIRCRAFT MODELS	PANELS		
	Sidewall Lining	Skirting Lining	Escape-Hatch Lining
EMB-145 ()	251ALW, 251BLW, 251DLW, 261ALW, 252ARW, 252BRW, 252DRW and 262ARW	251ELW, 251FLW, 261CLW, 252ERW, 252FRW and 262CRW	251CLW and 252CRW
EMB-135 ()	241CLW, 251ALW, 251DLW, 261ALW, 252ARW, 252BRW, 252DRW and 262ARW		

- (2) Remove the thermoacoustic insulation from center fuselage III to zones 251/252 (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 602](#))

SUBTASK 212-002-A

- (1) Examine the interior of the zone for loose rivets, skin deformation, sealant condition, nicks, cracks, dents, erosion, corrosion, deteriorated protective treatment, and foreign objects.
- (2) Examine the interior of the fuselage skin panel at stringers, frames/bulkheads, and longitudinal and circumferential splices for loose rivets, cracks, skin deformation, painting, erosion, corrosion, and deteriorated protective treatment ([Figure 602](#)).
- (3) Examine the passenger-cabin escape-hatch structure and window frame for loose rivets, cracks, skin deformation, corrosion, and deteriorated protective treatment ([Figure 602](#)).
- (4) Examine the interior of the zone for failure (e.g., dirty, bent, disconnected, cracked, or crushed duct), leakage on the skin, signs of friction, tension, broken strands, and overheating.
- (5) Examine drains for signs of corrosion. Also do a check for blockage and correct operation (AMM TASK 12-23-00-600-801-A/300).

K. Follow-on

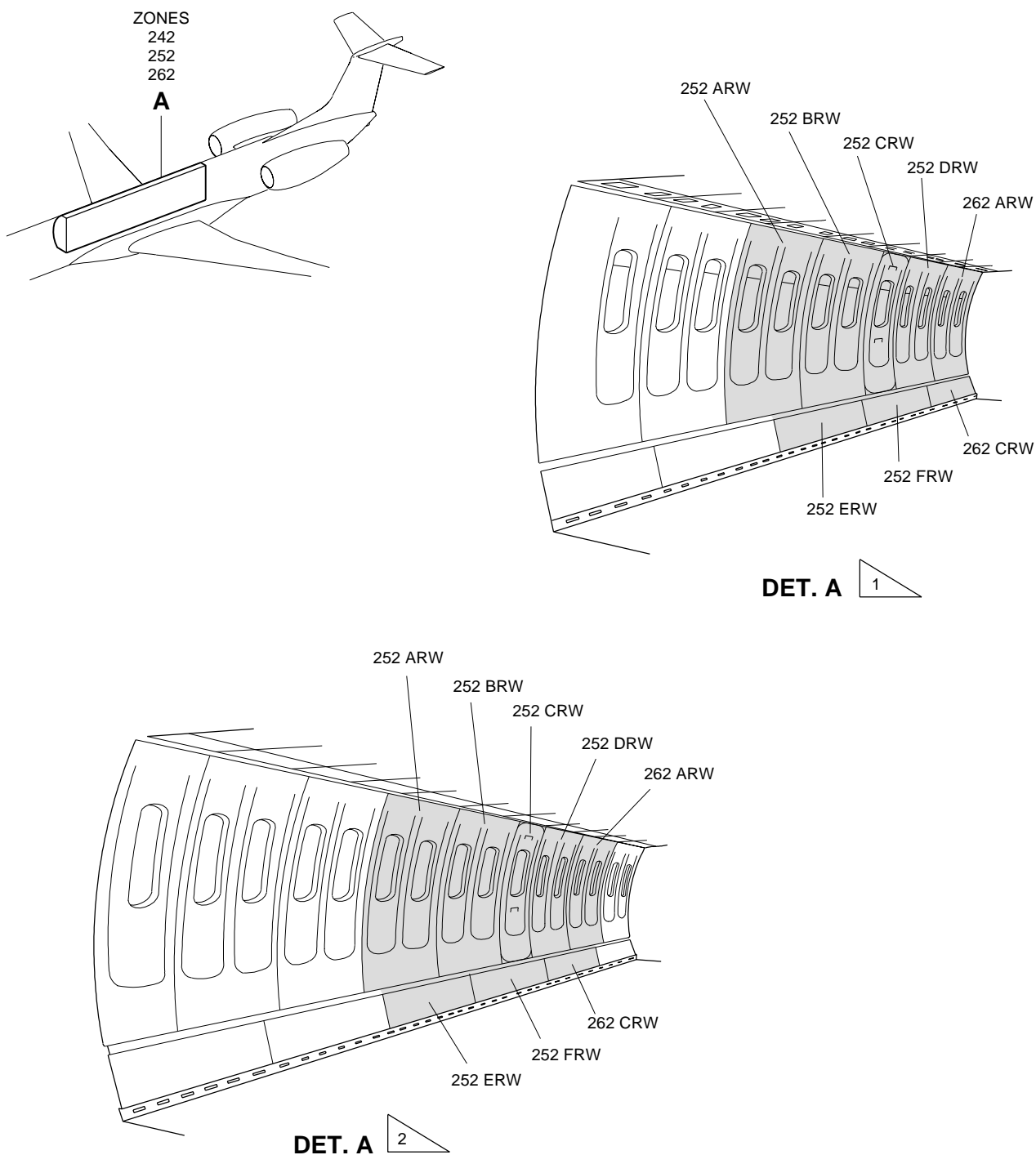
SUBTASK 842-002-A

- (1) Install the thermoacoustic insulation to zones 251/252 (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400) as applicable.
- (2) Use table 601 to install passenger-cabin sidewall, skirting and escape-hatch lining panels as applicable to your aircraft (AMM TASK 25-23-01-400-801-A/400) or (AMM TASK 25-23-01-400-802-A/400), (AMM TASK 25-23-02-400-801-A/400) or (AMM TASK 25-23-02-400-802-A/400) and ([AMM TASK 25-23-03-400-801-A/400](#)).

EFFECTIVITY: ALL

Center Fuselage III - Passenger Cabin LH/RH Sides - Access Panels

Figure 601 - Sheet 1



1 APPLICABLE TO EMB-135 (ALL) MODELS.

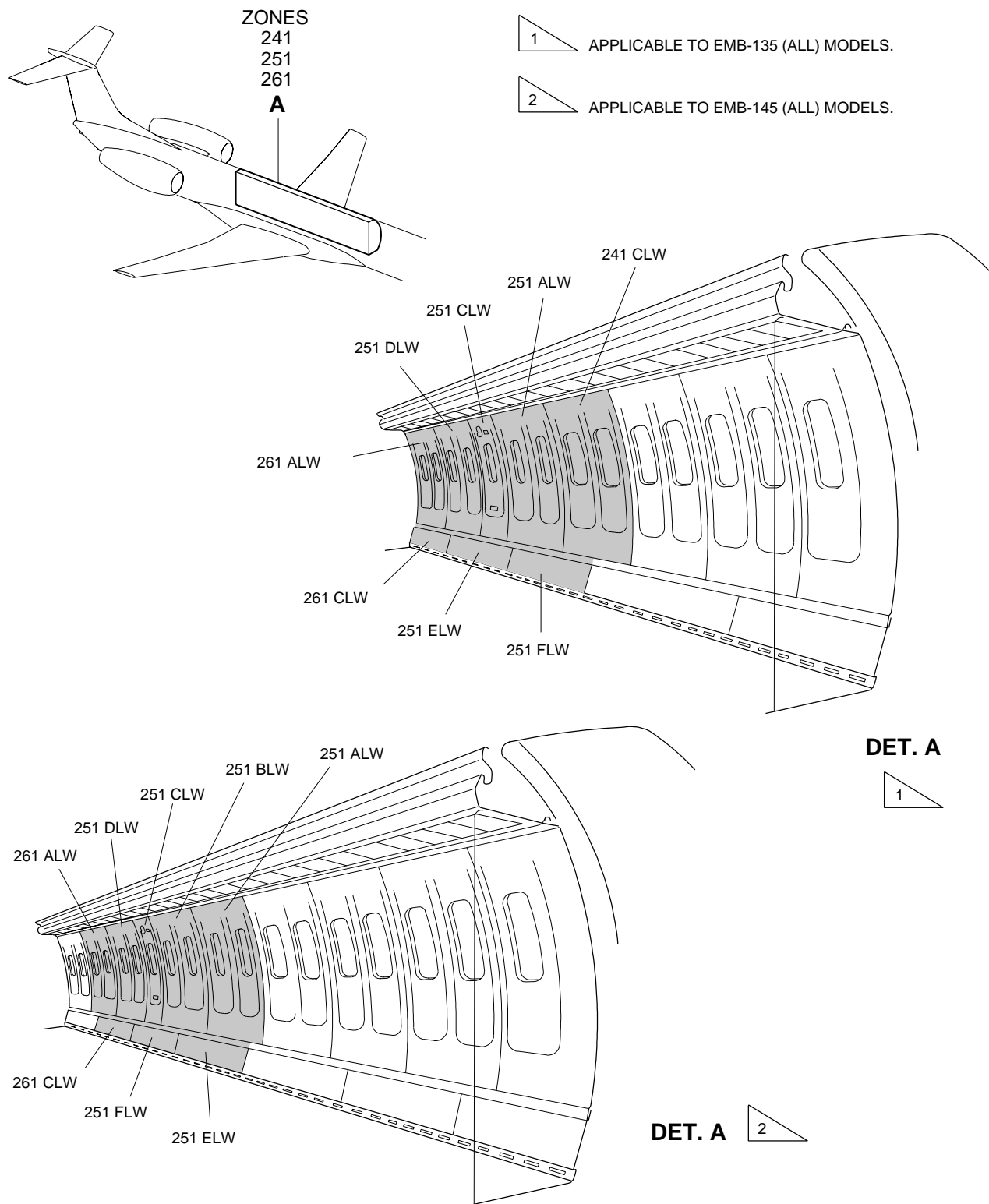
2 APPLICABLE TO EMB-145 (ALL) MODELS.

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EFFECTIVITY: ALL

Center Fuselage III - Passenger Cabin LH/RH Sides - Access Panels

Figure 601 - Sheet 2

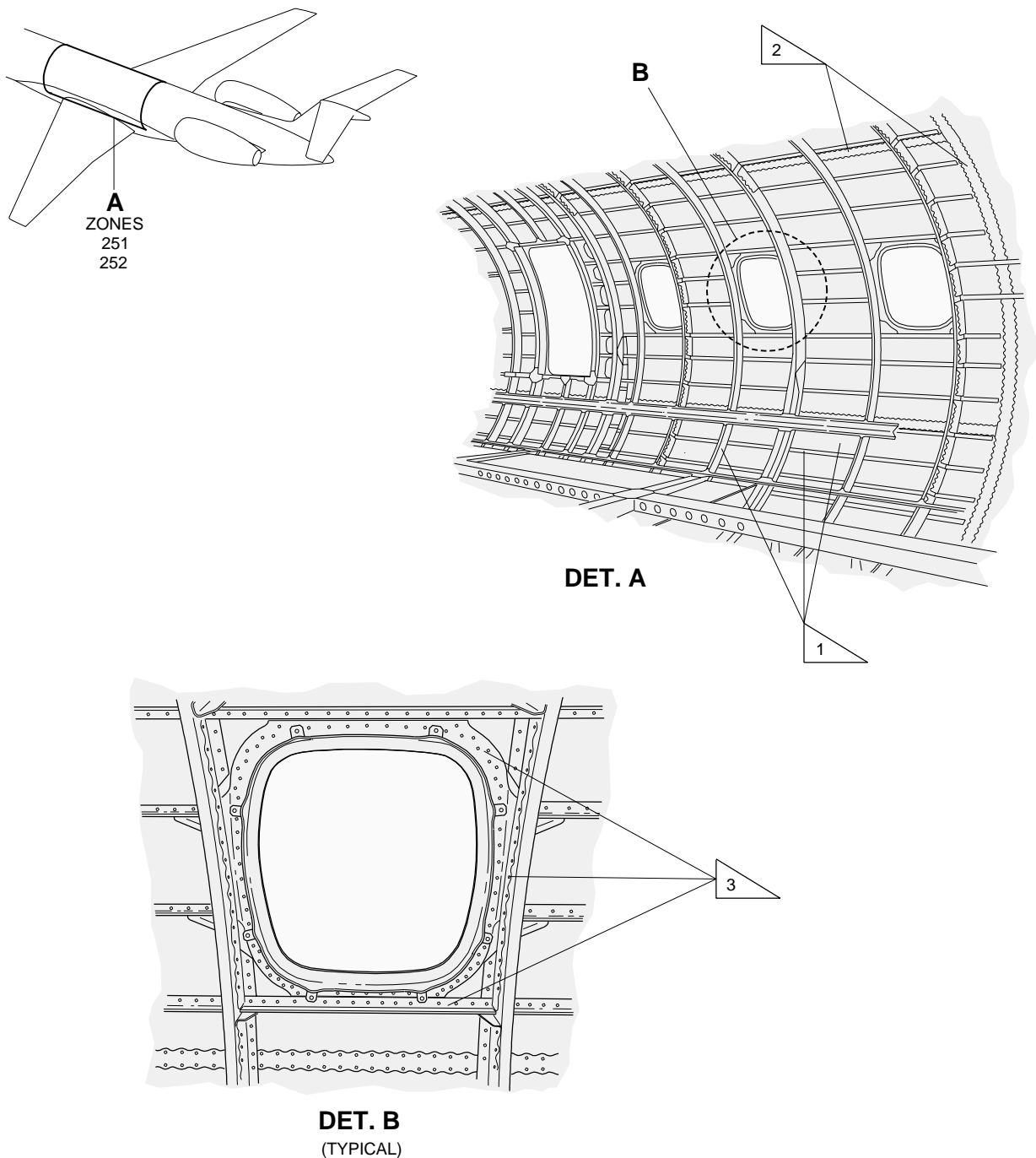


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EFFECTIVITY: ALL

Center Fuselage III - Passenger Cabin LH/RH Sides - Internal General Visual Inspection

Figure 602



1 INTERNAL VISUAL INSPECTION OF THE FUSELAGE AT FRAMES/BULKHEADS AND SKIN PANELS.

2 INTERNAL VISUAL INSPECTION OF THE FUSELAGE SKIN LONGITUDINAL AND CIRCUMFERENTIAL SPLICES.

3 INTERNAL VISUAL INSPECTION AT WINDOW STRUCTURE FOR GENERAL CONDITION.

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