



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

CENTER FUSELAGE III - PASSENGER CABIN LH/RH SIDES - EXTERNAL - 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 (ALL) models) Zone Boundaries: STA X = 11990.0 thru STA X = 17727.0.
(Applicable to EMB-135 (ALL) 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
05-20-29-200-802-A ♦	CENTER FUSELAGE III - PASSENGER CABIN LH/RH SIDES - EXTERNAL GEN- ERAL VISUAL INSPECTION	ALL

TASK 05-20-29-200-802-A
EFFECTIVITY: ALL

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

A. General

- (1) This task gives instructions to do SRMD Zonal Task 53-Z251-213-001-A00.
- (2) You must do the external general visual inspection (GVI) of center fuselage III, at zones 251/252, within a touching distance of the items examined.
- (3) The function of the external general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 12-22-00-600-801-A/300	LIGHT DIRT - SERVICING
AMM TASK 12-22-00-600-802-A/300	HEAVY DIRT - SERVICING
AMM TASK 56-20-01-100-801-A/700	PASSENGER CABIN WINDOWS - CLEANING
AMM TASK 56-20-01-200-801-A/600	PASSENGER CABIN WINDOWS - INSPECTION/ CHECK

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
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

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Center fuselage III - passenger LH/RH sides

I. Preparation

SUBTASK 841-002-A

- (1) Put the ladder in position.



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- (2) If necessary, clean the inspection area ([AMM TASK 56-20-01-100-801-A/700](#)) and ([AMM TASK 12-22-00-600-801-A/300](#)) or ([AMM TASK 12-22-00-600-802-A/300](#)) as applicable.

J. External General Visual Inspection ([Figure 601](#)) ([Figure 602](#))

SUBTASK 212-002-A

- (1) Examine the fuselage zone for painting bad condition, loose rivets, skin deformation, fillet sealant condition, nicks, cracks, scratches, gouges, creases, dents, erosion, corrosion, and deteriorated protective treatment.
- (2) Examine the fuselage skin panel at stringers and frames/bulkheads for loose rivets, nicks, cracks, dents, erosion, corrosion, and deteriorated protective treatment.
- (3) Examine the fuselage skin longitudinal and circumferential splice for loose rivets, nicks, cracks, dents, erosion, corrosion, and deteriorated protective treatment.
- (4) Examine the passenger cabin windows frames for loose rivets, nicks, cracks, dents, erosion, corrosion, and deteriorated protective treatment.
- (5) Examine the passenger cabin windows for delaminations and crazing ([AMM TASK 56-20-01-200-801-A/600](#)).
- (6) Examine the passenger cabin windows aerodynamic sealing condition for scratched, scored, cracked and ruptured ([Figure 602](#)).

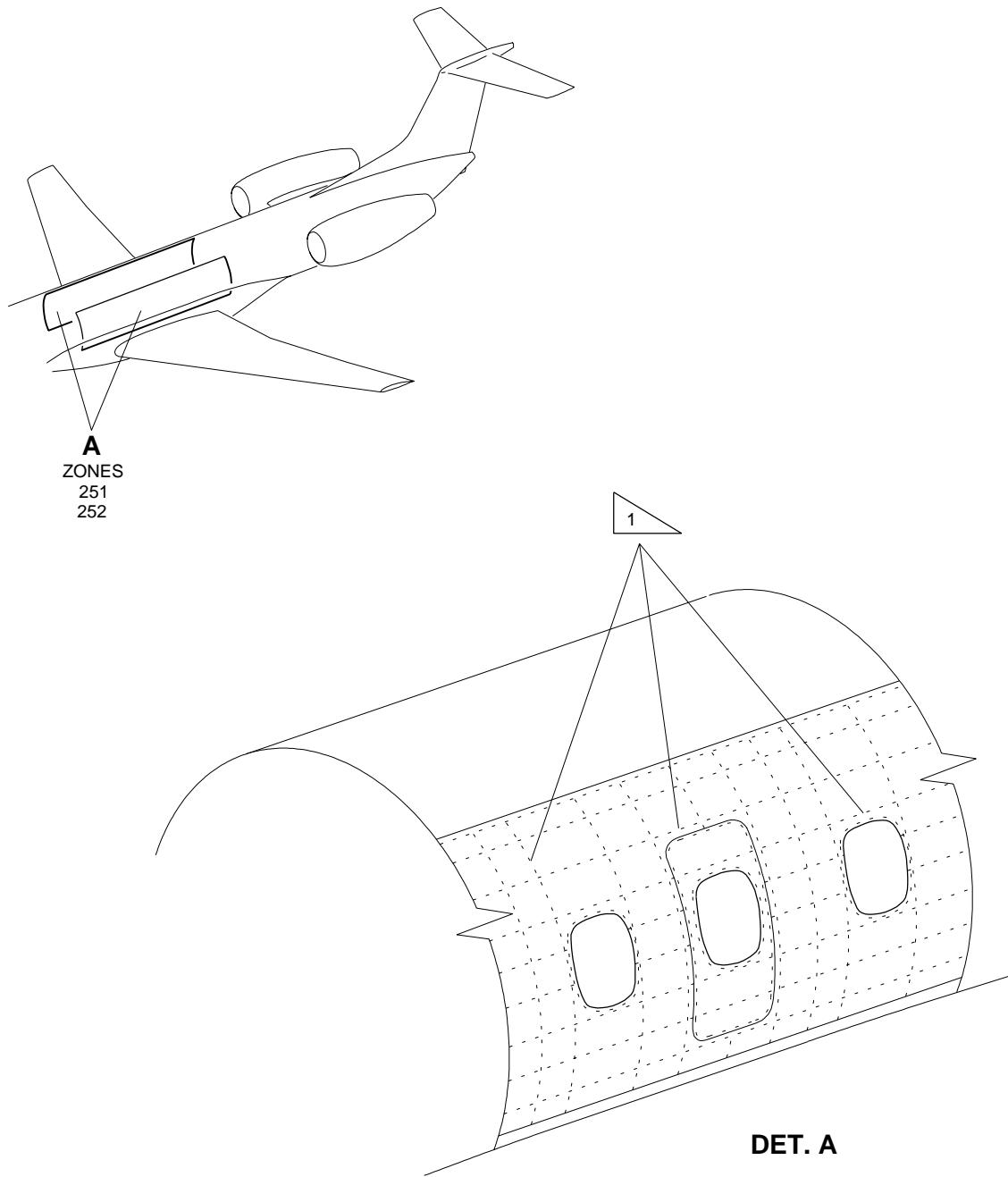
K. Follow-on

SUBTASK 842-002-A

- (1) Remove the ladder.

EFFECTIVITY: ALL

Center Fuselage II - Passenger Cabin LH/RH Sides - External General Visual Inspection
Figure 601

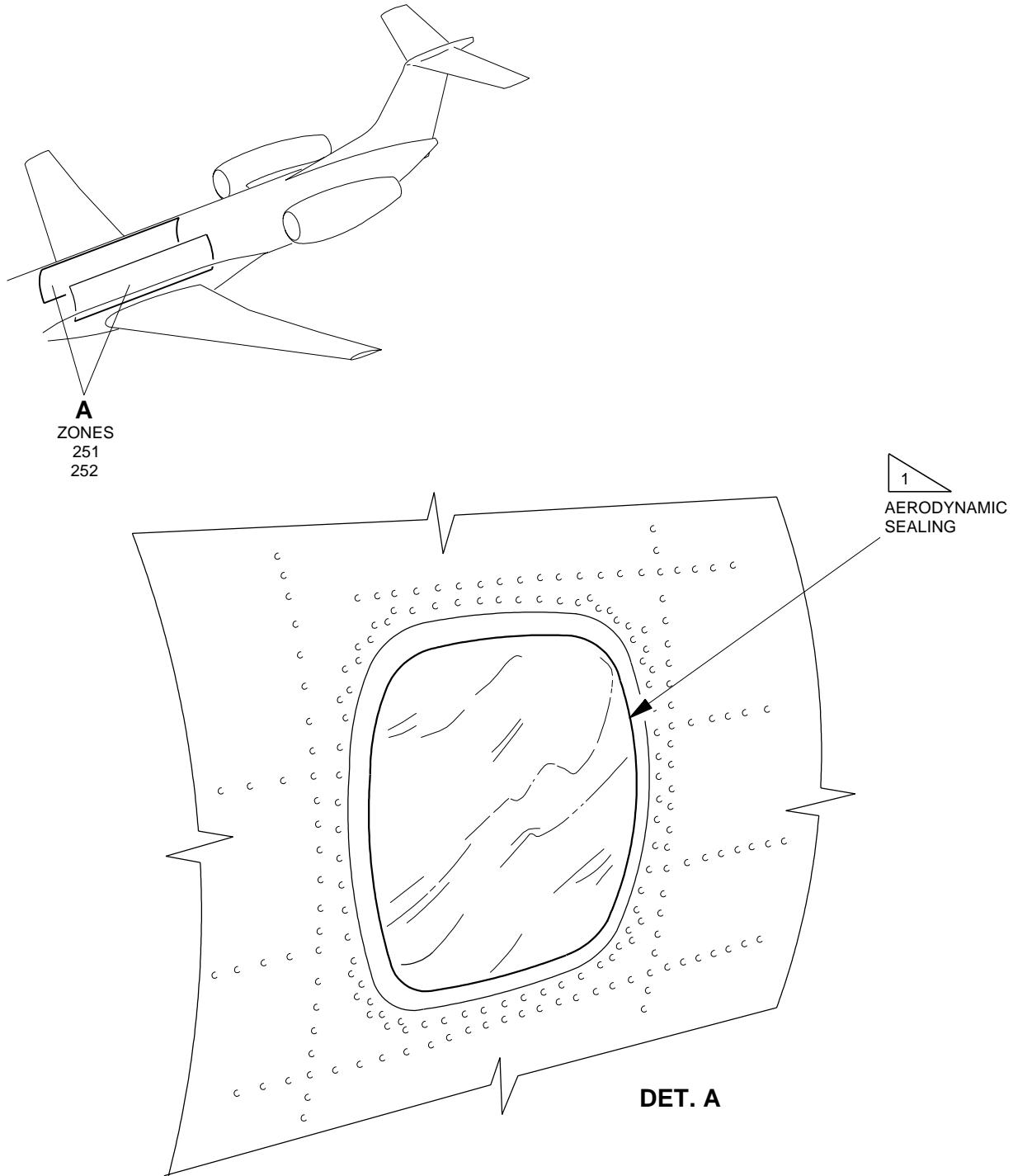


EXTERNALLY INSPECT THE FUSELAGE SKIN PANEL AT STRINGER, FRAMES/BULKHEADS,
SKIN LONGITUDINAL AND CIRCUMFERENTIAL SPLICES.

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EFFECTIVITY: ALL

External Inspection of Passenger Cabin Windows Aerodynamic Sealing
Figure 602



EXTERNALLY INSPECT THE AERODYNAMIC SEALING.

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