



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

CENTER FUSELAGE I - 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 I - passenger cabin LH/RH sides for general condition.
- B. Related Zones: 231/232.
- C. Zone Boundaries: STA X = 4154.5 thru STA X = 7131.0.
- 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
05-20-79-200-802-A	CENTER FUSELAGE I - PASSENGER-CABIN-WINDOWS AERODYNAMIC SEAL- ALLING- EXTERNAL GENERAL VISUAL IN-SPECTION	
05-20-79-200-803-A ♦	CENTER FUSELAGE I - PASSENGER CABIN LH/RH SIDES - EXTERNAL GENERAL VISUAL INSPECTION	ALL



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TASK 05-20-79-200-802-A

EFFECTIVITY: ALL

2. CENTER FUSELAGE I - PASSENGER-CABIN-WINDOWS AERODYNAMIC SEALING- EXTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do the external general visual inspection (GVI) of center fuselage I, at zones 231/232, within a touching distance of the items examined.
- (2) The function of the external general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. References

REFERENCE	DESIGNATION
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

C. Zones and Accesses

Not Applicable

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 I - passenger cabin windows

I. Preparation

SUBTASK 841-002-A

- (1) Put the ladder in position.
- (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.



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

SUBTASK 212-002-A

- (1) Make sure that the passenger-cabin-window aerodynamic sealing is not scratched, scored, cracked, or ruptured ([Figure 601](#)).

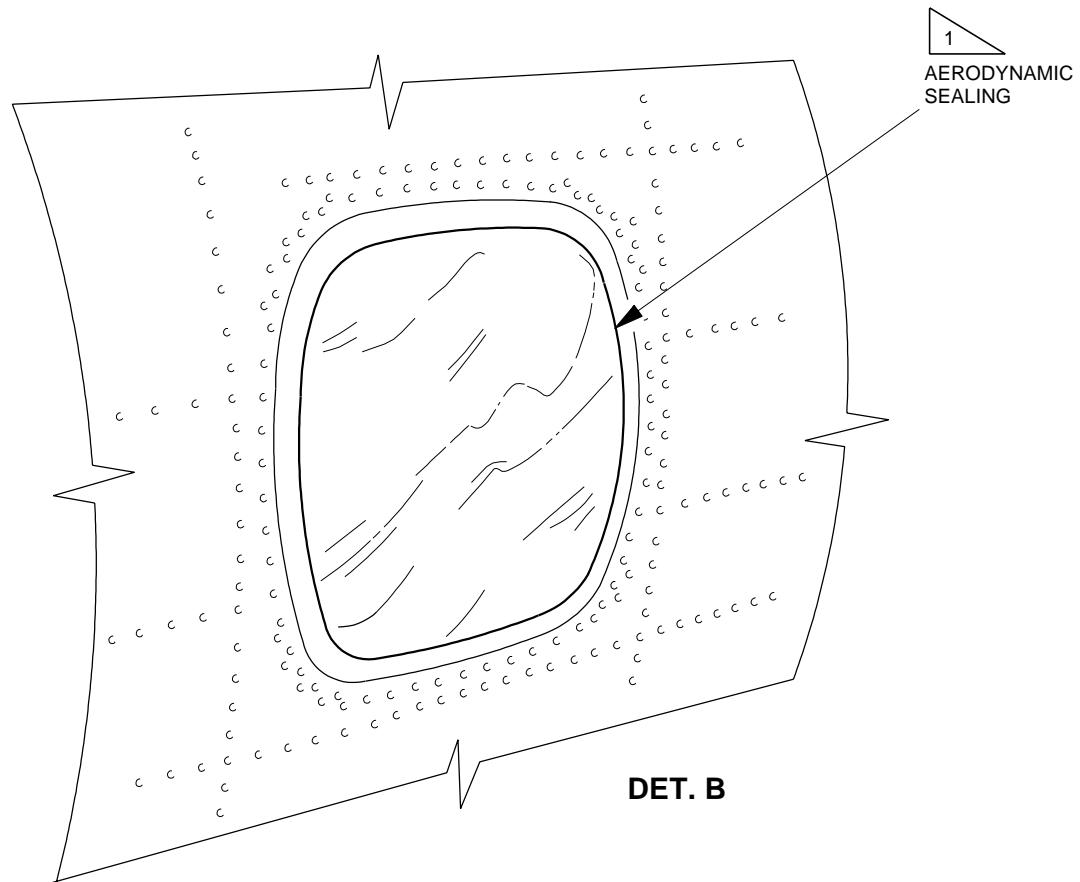
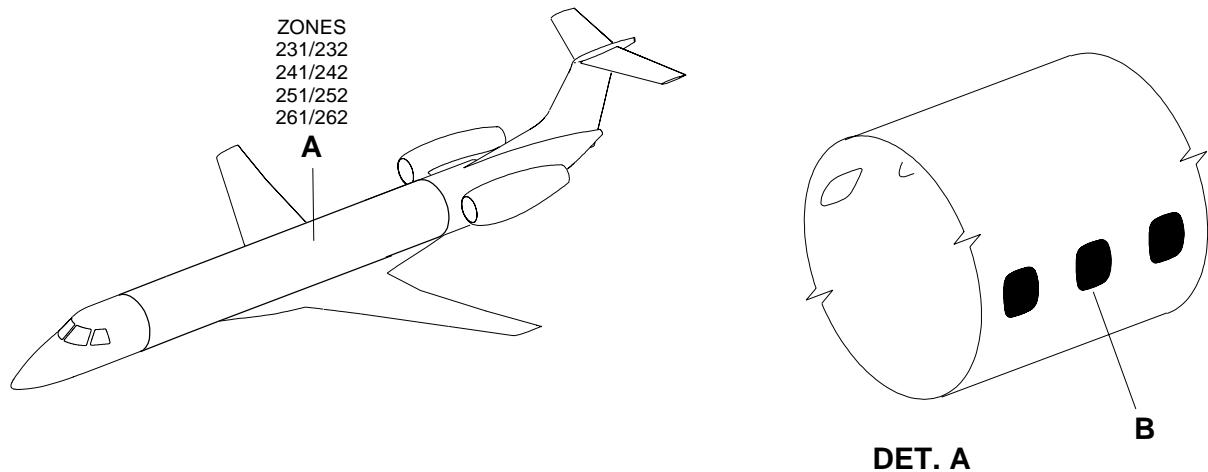
K. Follow-on

SUBTASK 842-002-A

- (1) Remove the ladder.

EFFECTIVITY: ALL

Center Fuselage I - Passenger-Cabin-Window Aerodynamic Sealing- External General Visual Inspection
Figure 601



EXTERNALLY INSPECT THE AERODYNAMIC SEALING.

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TASK 05-20-79-200-803-A

EFFECTIVITY: ALL

3. CENTER FUSELAGE I - PASSENGER CABIN LH/RH SIDES - EXTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do SMRD Zonal Task 53-Z231-213-001-A00.
- (2) You must do the external general visual inspection (GVI) of center fuselage I, at zones 231/232, 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

REFERENCE	DESIGNATION
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 56-20-01-200-801-A/600	PASSENGER CABIN WINDOWS - INSPECTION/ CHECK

C. Zones and Accesses

Not Applicable

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 I - passenger cabin LH/RH sides

I. Preparation

SUBTASK 841-003-A

- (1) Put the ladder in position.

- (2) If necessary, clean the inspection area ([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 602](#))

SUBTASK 212-003-A

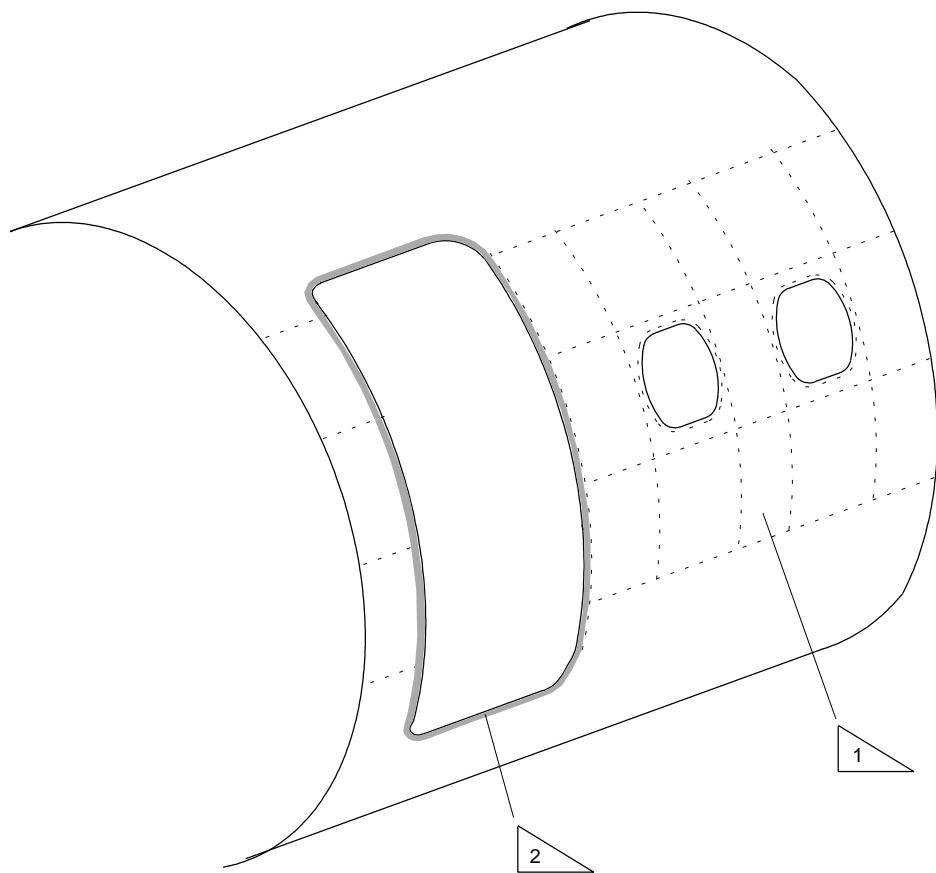
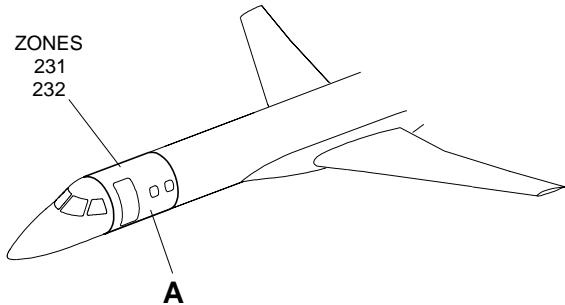
- (1) Examine the fuselage zone for painting bad condition, loose rivets, skin deformation, fillet sealant condition, nicks, cracks, scratches, gouges, creases, dents, erosion, corrosion, and deteriorated protective treatment.
- (2) Examine the fuselage skin panel at stringers and frames/bulkheads for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

K. Follow-on

SUBTASK 842-003-A

- (1) Remove the ladder.

EFFECTIVITY: ALL

 Center Fuselage I - Passenger Cabin LH/RH Sides - External General Visual Inspection
 Figure 602

DET. A

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


EXTERNALLY INSPECT THE PASSENGER DOOR CUTOUT STRUCTURE

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