



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

PASSENGER CABIN AIR CONDITIONING DUCTS - INSPECTION/CHECK

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedures for the inspection of the conditioned air ducts in the passenger cabin.
- B. 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
21-22-05-200-801-A	PASSENGER-CABIN CONDITIONED-AIR DUCTS - GENERAL VISUAL INSPECTION	ACFT MODEL(S) EMB-145



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TASK 21-22-05-200-801-A

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2. PASSENGER-CABIN CONDITIONED-AIR DUCTS - GENERAL VISUAL INSPECTION

A. General

- (1) The conditioned air ducts of the passenger cabin are installed below the sidewall lining and floor panels.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM MPP 06-41-04/100	-
AMM TASK 21-20-00-100-801-A/700	-
AMM TASK 25-23-01-000-801-A/400	-
AMM TASK 25-23-01-400-801-A/400	-
AMM TASK 28-41-00-200-801-A/600	-
AMM TASK 53-01-02-000-802-A/400	-
AMM TASK 53-01-02-400-802-A/400	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
231	231BF	Passenger cabin floor
231	231FF	Passenger cabin floor
231	231GF	Passenger cabin floor
232	232AF	Passenger cabin floor
232	232CF	Passenger cabin floor
232	232DF	Passenger cabin floor
241	241AF	Passenger cabin floor
241	241BF	Passenger cabin floor
241	241CF	Passenger cabin floor
241	241DF	Passenger cabin floor
241	241EF	Passenger cabin floor
241	241BLW	Passenger-cabin sidewall lining
241	241CLW	Passenger-cabin sidewall lining
241	241DLW	Passenger-cabin sidewall lining
242	242BRW	Passenger-cabin sidewall lining
242	242CRW	Passenger-cabin sidewall lining
242	242DRW	Passenger-cabin sidewall lining
251	251AF	Passenger cabin floor
251	251BF	Passenger cabin floor
251	251HF	Passenger cabin floor

(Continued)

ZONE	PANEL/DOOR	LOCATION
251	251ELW	Passenger-cabin sidewall lining
252	252AF	Passenger cabin floor
252	252BF	Passenger cabin floor
252	252CF	Passenger cabin floor
252	252DF	Passenger cabin floor
261	261AF	Passenger cabin floor
261	261BF	Passenger cabin floor
261	261BLW	Passenger-cabin sidewall lining
262	262AF	Passenger cabin floor
262	262BF	Passenger cabin floor
262	262CF	Passenger cabin floor
262	262BRW	Passenger-cabin sidewall lining

D. Tools and Equipment

Not Applicable

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	Passenger cabin

I. Preparation

SUBTASK 841-009-A

- (1) Remove sidewall linings 241BLW, 241CLW, 241DLW, 242BRW, 242CRW, 242DRW, 251ELW, 261BLW and 262BRW (AMM MPP 06-41-04/100 and AMM TASK 25-23-01-000-801-A/400).
- (2) Remove floor panels 231BF, 231FF, 231GF, 232AF, 232CF, 232DF, 241AF, 241BF, 241CF, 241DF, 241EF, 251AF, 251BF, 251HF, 252AF, 252BF, 252CF, 252DF, 261AF, 261BF, 262AF, 262BF, and 262CF (AMM MPP 06-41-02/100 and AMM TASK 53-01-02-000-802-A/400).



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J. Perform a General Visual Inspection of Air Conditioning System Ducts ([Figure 601](#))

SUBTASK 212-009-A

- (1) Visually examine the conditioned air ducts in the passenger cabin for failure (e.g., dirty, bent, disconnected, cracked, or crushed duct).
- (2) Clean the conditioned air ducts if necessary (AMM TASK 21-20-00-100-801-A/700).

K. Follow-on

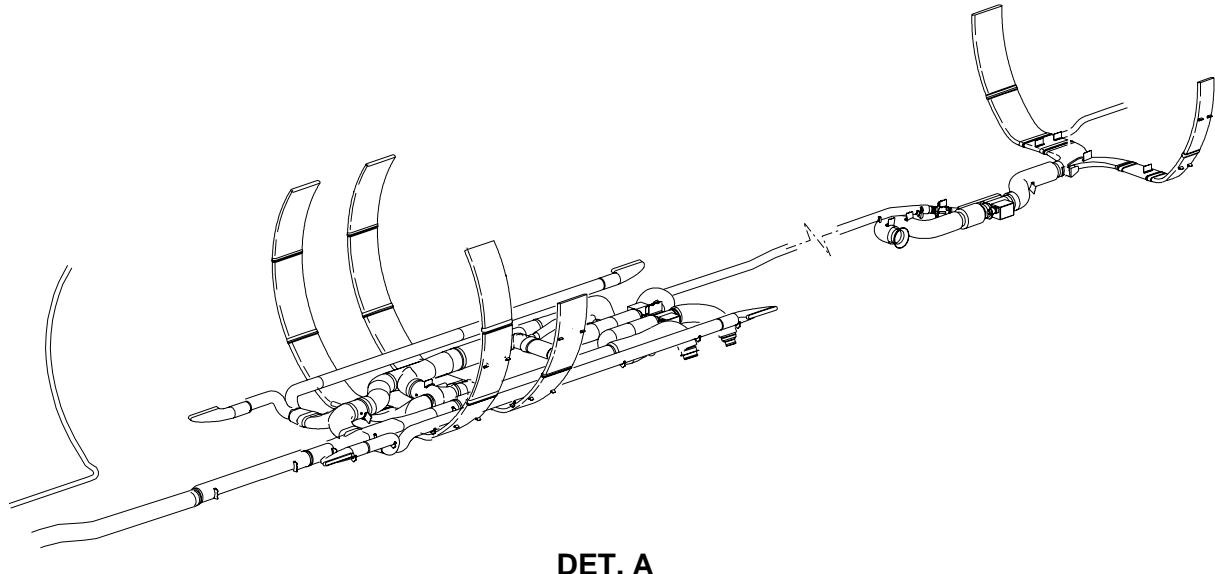
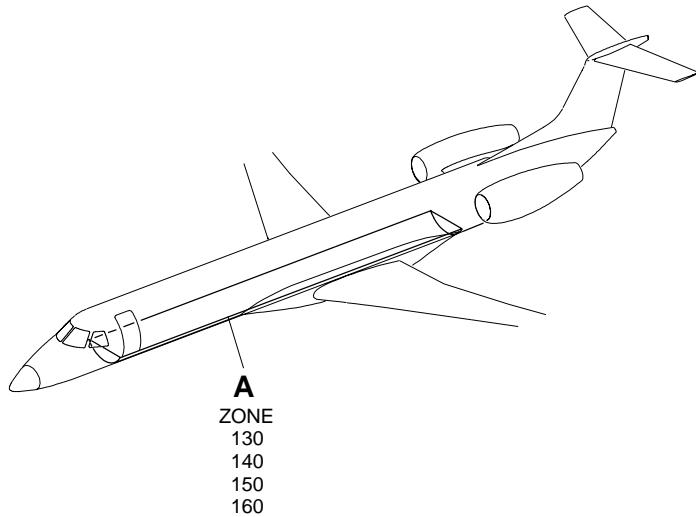
SUBTASK 842-009-A

- (1) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

NOTE: The inspection of fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations (Section 6) of the Maintenance Review Board Report (MRB).

- (2) Install sidewall linings 241BLW, 241CLW, 241DLW, 242BRW, 242CRW, 242DRW, 251ELW, 261BLW and 262BRW (AMM MPP 06-41-04/100 and AMM TASK 25-23-01-400-801-A/400).
- (3) Install floor panels 231BF, 231FF, 231GF, 232AF, 232CF, 232DF, 241AF, 241BF, 241CF, 241DF, 241EF, 251AF, 251BF, 251HF, 252AF, 252BF, 252CF, 252DF, 261AF, 261BF, 262AF, 262BF, and 262CF (AMM MPP 06-41-02/100 and AMM TASK 53-01-02-400-802-A/400).

EFFECTIVITY: ACFT MODEL(S) EMB-145
Passenger-Cabin Conditioned-Air Ducts - Location
Figure 601



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