



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

COCKPIT AIR CONDITIONING DUCTS - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to inspect the conditioned air ducts in the cockpit.
- 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).

<i>TASK NUMBER</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
21-21-03-200-801-A	COCKPIT CONDITIONED-AIR DUCTS - GENERAL VISUAL INSPECTION	ALL



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AIRCRAFT
MAINTENANCE MANUAL

TASK 21-21-03-200-801-A

EFFECTIVITY: ALL

2. COCKPIT CONDITIONED-AIR DUCTS - GENERAL VISUAL INSPECTION

A. General

- (1) The conditioned air ducts of the cockpit are installed behind the cockpit lining and below the floor panels.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 21-20-00-100-801-A/700	-
AMM TASK 21-20-00-100-802-A/700	-
AMM TASK 25-12-08-000-801-A/400	-
AMM TASK 25-12-08-400-801-A/400	-
AMM TASK 28-41-00-200-801-A/600	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
221	221BF	Cockpit floor panel
221	221CF	Cockpit floor panel
222	222AF	Cockpit floor panel
222	222BF	Cockpit floor panel
223	223CLW	Cockpit LH side
223	223DLW	Cockpit LH side
223	223FLW	Cockpit LH side
224	224CRW	Cockpit RH side
224	224DRW	Cockpit RH side
224	224FRW	Cockpit RH side
225	225ALC	Cockpit ceiling, LH side
226	226ARC	Cockpit ceiling, RH side

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	Cockpit

I. Preparation

SUBTASK 841-002-A

- (1) Remove the RH and LH complement console assemblies (AMM TASK 25-12-08-000-801-A/400).
- (2) Remove lateral linings 223CLW, 223DLW, 223FLW, 224CRW, 224DRW and 224FRW ([AMM MPP 06-41-03/100](#)).
- (3) Remove cockpit headliners 225ALC and 226ARC ([AMM MPP 06-41-03/100](#)).
- (4) Remove floor panels 221BF, 221CF, 222AF and 222BF (AMM MPP 06-41-02/100).

J. General Visual Inspection of Conditioned Air Ducts ([Figure 601](#))

SUBTASK 212-002-A

- (1) Visually examine the conditioned air ducts in the cockpit for failure (for ex: dirty, bent, disconnected, cracked, crushed).
- (2) Clean the conditioned air ducts if necessary (AMM TASK 21-20-00-100-801-A/700 or AMM TASK 21-20-00-100-802-A/700, as applicable).

K. Follow-on

SUBTASK 842-002-A

- (1) Install the RH and LH complement console assemblies (AMM TASK 25-12-08-400-801-A/400).
- (2) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

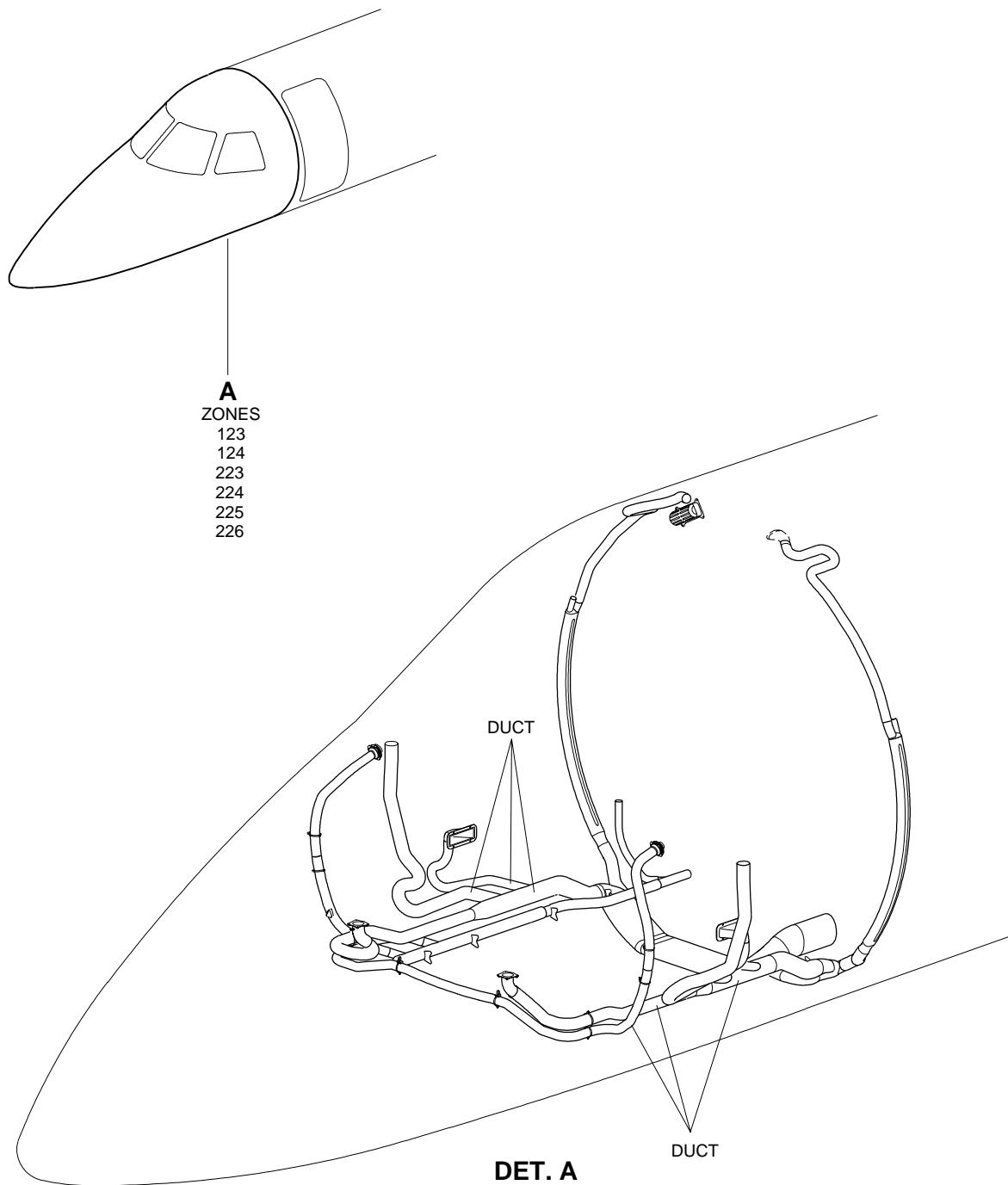
NOTE: The inspection of fuel quantity indication harness is part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Aircraft Maintenance Program.

- (3) Install lateral linings 223CLW, 223DLW, 223FLW, 224CRW, 224DRW and 224FRW ([AMM MPP 06-41-03/100](#)).
- (4) Install cockpit headliners 225ALC and 226ARC ([AMM MPP 06-41-03/100](#)).
- (5) Install floor panels 221BF, 221CF, 222AF and 222BF (AMM MPP 06-41-02/100).

EFFECTIVITY: ALL

Cockpit Conditioned-air Ducts - Location

Figure 601



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