

PRESSURE TRANSDUCER - INSPECTION/CHECK

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedure to visually compare the pressure transducer indication on the MFD (Multi Function Display) with the external gauge indication.
- 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
35-11-02-200-801-A ◆	PRESSURE TRANSDUCER INDICATION ON MFD COMPARED WITH EXTERNAL GAUGE INDICATION - VISUAL CHECK	ACFT MODEL(S) EMB-145

TASK 35-11-02-200-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

2. PRESSURE TRANSDUCER INDICATION ON MFD COMPARED WITH EXTERNAL GAUGE INDICATION - VISUAL CHECK

A. General

The function of this inspection is to compare the pressure transducer indication on the MFD with the external gauge indication.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM SDS 34-22-00/1	

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
124	124AR	Right side of the aircraft nose section

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	Main instrument panel
1	Reads the pressure shown on pressure gauge	Oxygen servicing panel

I. Visually Check Pressure Transducer Indication on MFD Versus External Gauge Indication ([Figure 601](#))

SUBTASK 212-006-B

(1) Do the check of the pressure as follows:

(a) Set the MFD display (RH or LH side) to the ECS/Ice system page, refer to ([AMM SDS 34-22-00/1](#)).

Result:

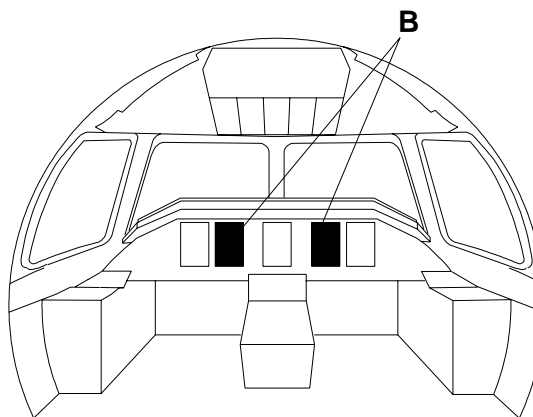
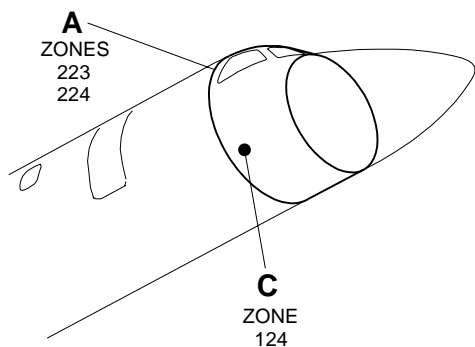
1 Open access door 124AR (AMM MPP 06-41-01/100) and compare the pressure shown on the external pressure gauge with the pressure shown on the MFD display (Max. difference = 100 psi).

J. Follow-on

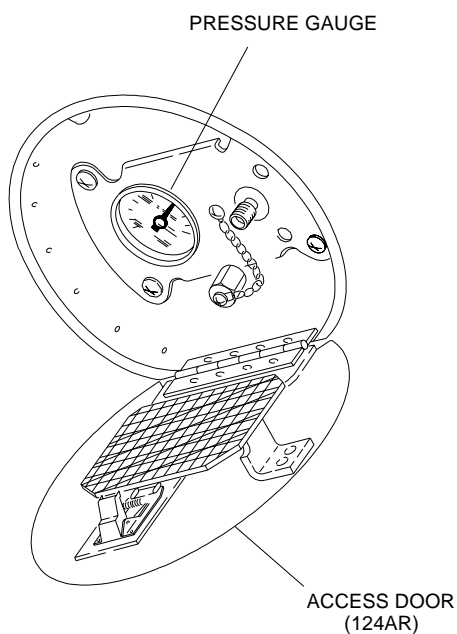
SUBTASK 842-006-B

- (1) Close access door 124AR (AMM MPP 06-41-01/100).

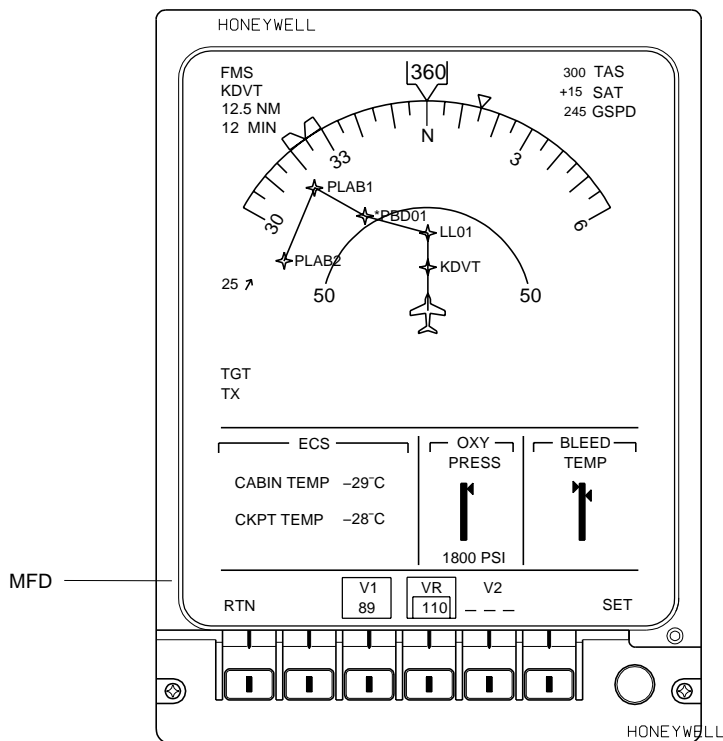
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External Pressure Gauge and MFD Display
Figure 601



DET. A



DET. C



DET. B

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