



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

PRE-COOLER - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do an inspection on the duct of the precooler-air bleed system.
- 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
36-11-04-200-801-A	PRECOOLER-AIR BLEED SYSTEM - GEN- ALL ERAL VISUAL INSPECTION	



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 36-11-04-200-801-A

EFFECTIVITY: ALL

2. PRECOOLER-AIR BLEED SYSTEM - GENERAL VISUAL INSPECTION

A. General

- (1) Access to the precooler-air bleed system is got through the LH/RH pylons.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-43-00/100	- COMPONENT LOCATION
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
414	414CB	Pylon LH
424	424CB	Pylon RH

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	Outside the aircraft

I. Preparation

SUBTASK 841-002-A

- (1) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).
- (2) Remove access panels 414CB and 424CB ([AMM MPP 06-43-00/100](#)).

J. General Visual Inspection on Precooler-Air Bleed system ([Figure 601](#))

SUBTASK 212-002-A

WARNING: MAKE SURE THAT THE WORK AREA IS SAFE FOR MAINTENANCE TO PREVENT INJURIES TO PERSONNEL.



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

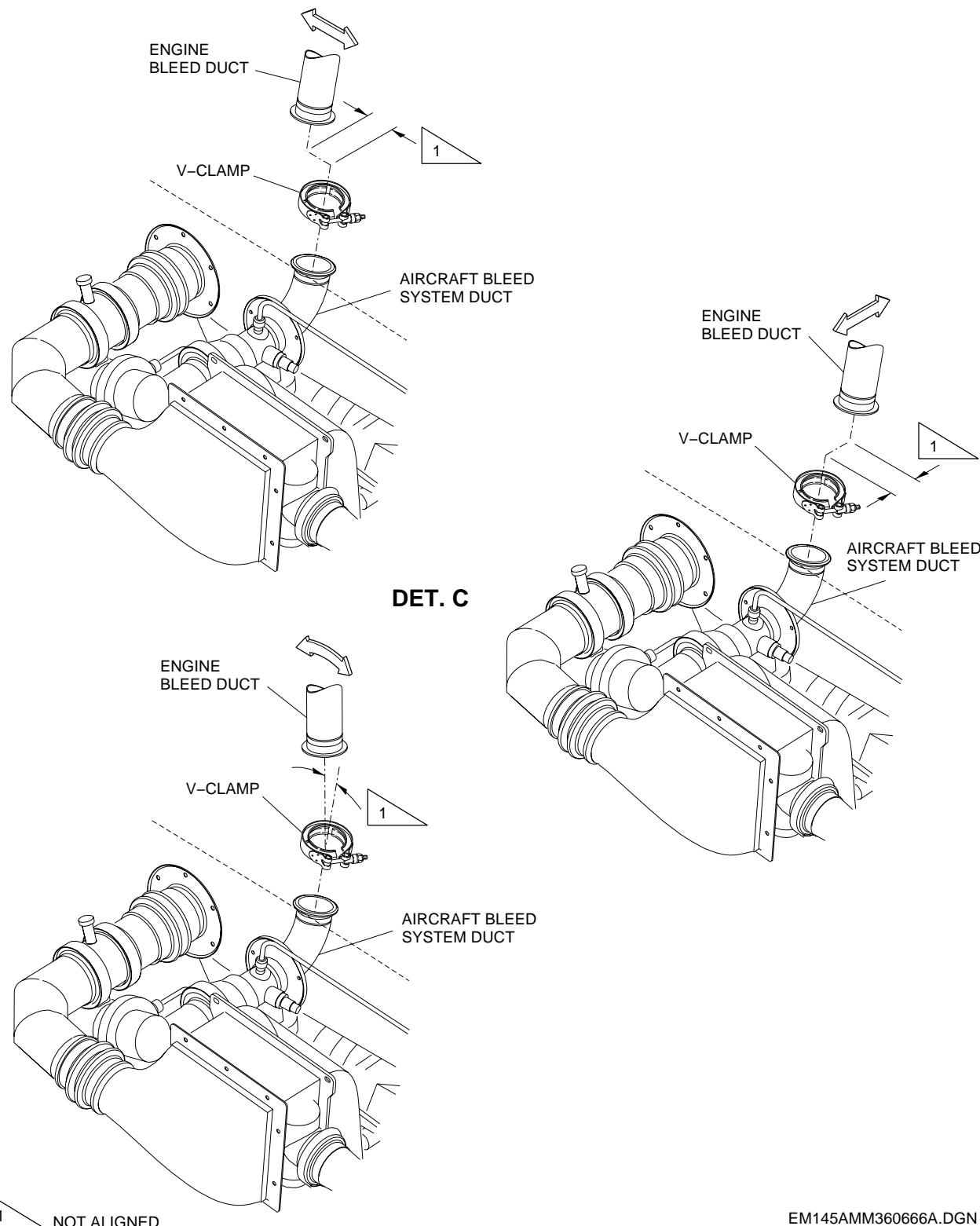
CAUTION: MAKE SURE THAT THE ENGINE BLEED DUCTS ARE CORRECTLY ALIGNED AND THAT THERE IS NO TENSION AT THE CONNECTION BETWEEN THE ENGINE BLEED DUCTS AND THE AIRCRAFT BLEED SYSTEM DUCTS. THIS IS TO PREVENT DAMAGE TO THE EQUIPMENT.

- (1) Visually examine the assembled engine-bleed ducts ([Figure 601](#), Sheet 1) and make sure that there is not tension at the connection and/or the ducts are not misaligned.
- (2) Visually examine the precooler-air bleed system/precooler inlet duct ([Figure 601](#), Sheet 2) and make sure that they are not damaged or ruptured.

K. Follow-on

SUBTASK 842-002-A

- (1) Install access panels 414CB and 424CB ([AMM MPP 06-43-00/100](#)).

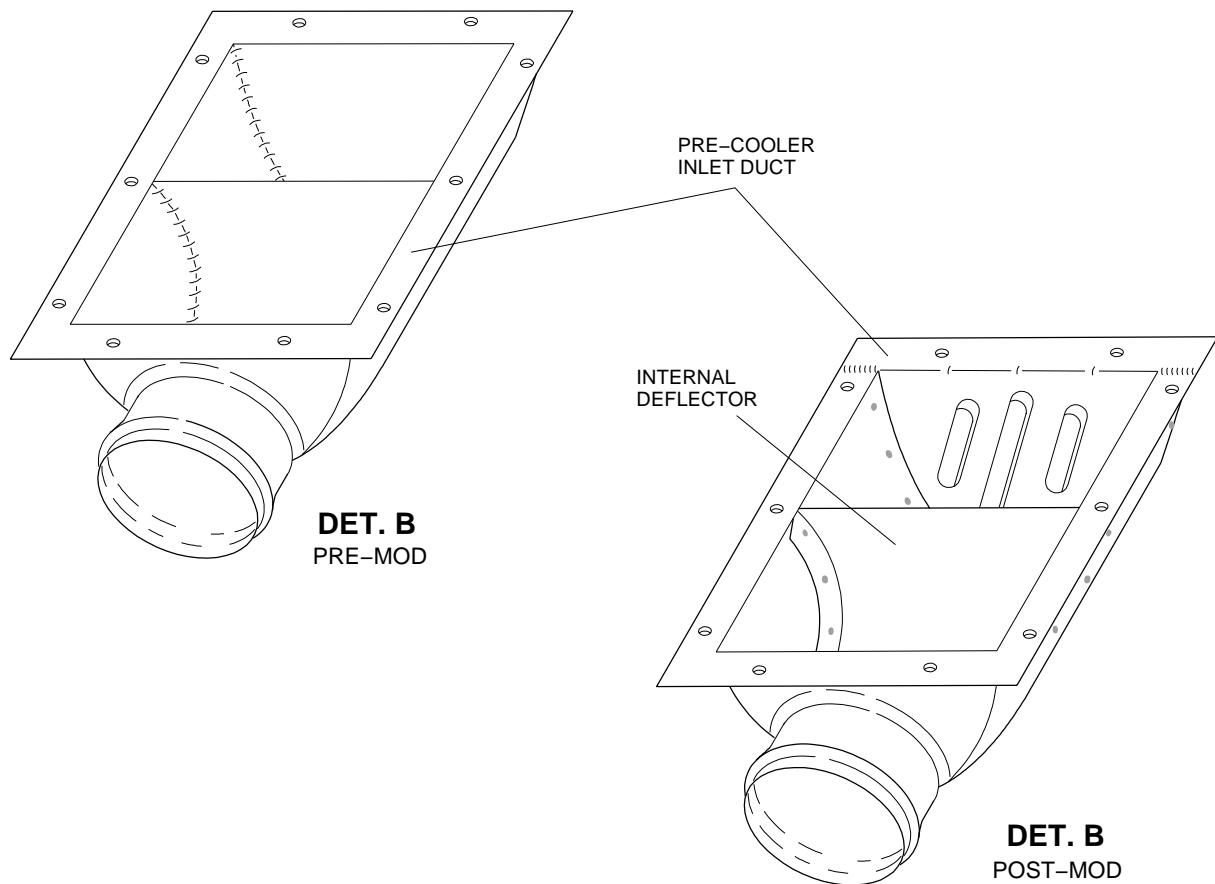
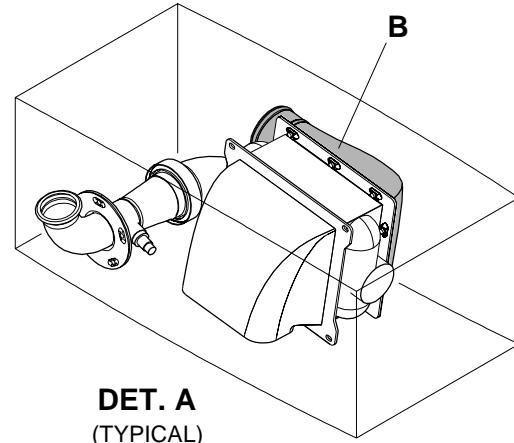
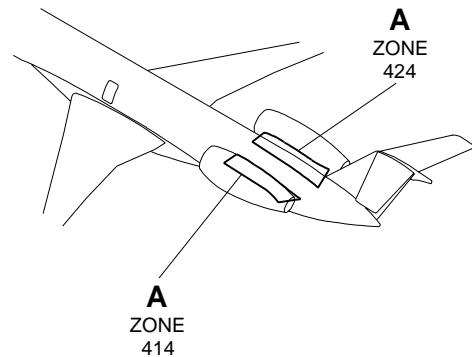
EFFECTIVITY: ALL
Engine-Bleed Duct Lines - Location
Figure 601 - Sheet 1


EM145AMM360666A.DGN

EFFECTIVITY: ALL

Engine-Bleed Duct Lines - Location

Figure 601 - Sheet 2



EM145AMM360397A.DGN

