



AIRCRAFT MAINTENANCE MANUAL

THERMAL INSULATING BLANKETS - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedures to remove/install the thermal insulating blankets, installed over the joint of the components and ducts of the conditioned air, distribution 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
21-20-01-000-801-A	THERMAL INSULATING BLANKET - RE- MOVAL	ACFT MODEL(S) EMB-145
21-20-01-400-801-A	THERMAL INSULATING BLANKET - IN- STALLATION	ACFT MODEL(S) EMB-145



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TASK 21-20-01-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

2. THERMAL INSULATING BLANKET - REMOVAL

A. General

- (1) This task gives the procedures to remove the thermal insulating blankets.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Joint of the components and ducts of the air-conditioning distribution

H. Removal ([Figure 401](#))

SUBTASK 020-010-A

NOTE: The access to the thermal insulating blankets is directly got during the component removal and installation.

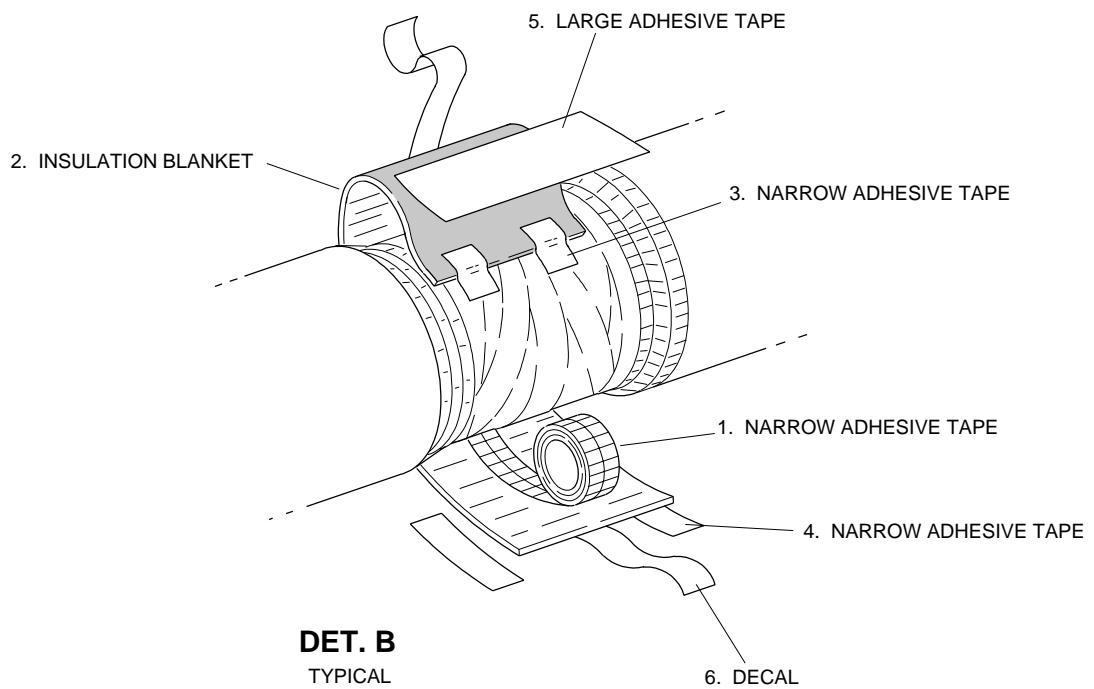
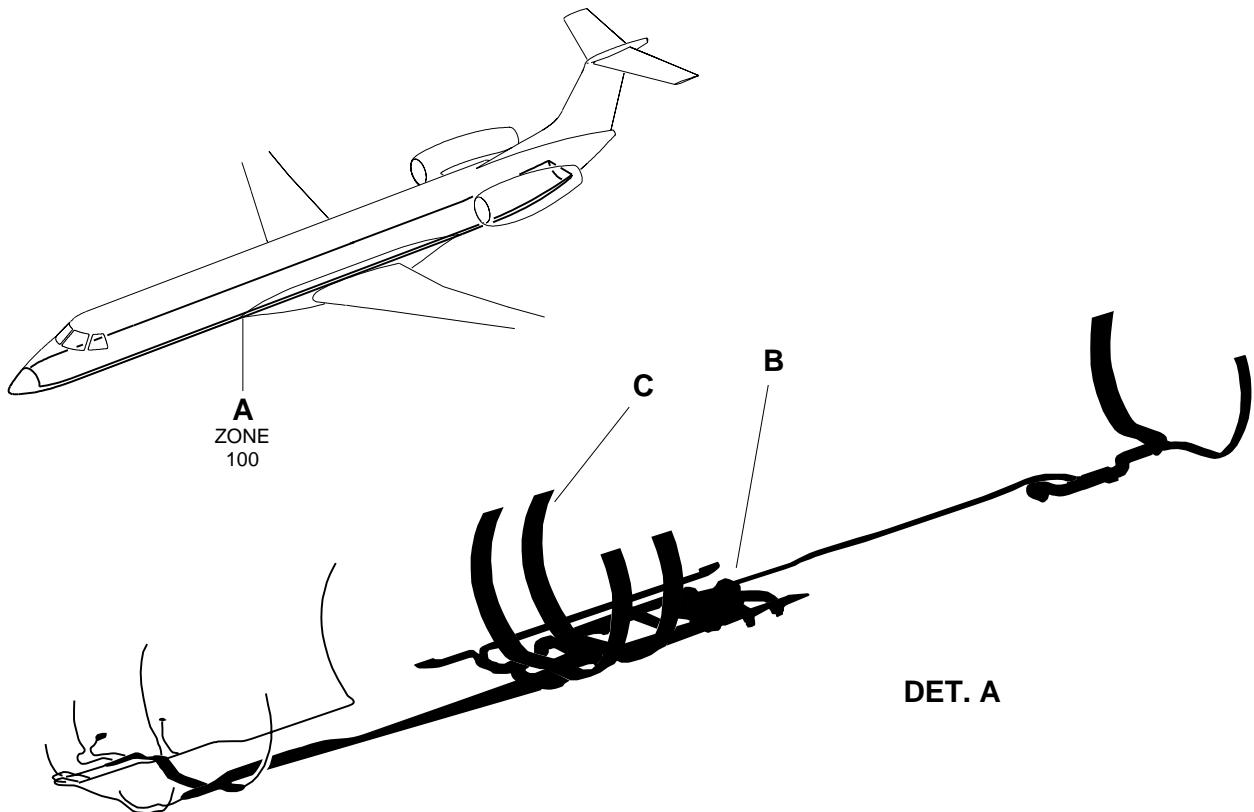
- (1) Refer to DET. B and remove the thermal insulating blankets as follows:

- (a) Remove the decal (6) and the adhesive tapes (5), (4), and (3).
- (b) Remove the insulation blanket (2) from the joint.
- (c) Remove the adhesive tape (1).

- (2) Refer to DET. C and remove the thermal insulating blankets as follows:

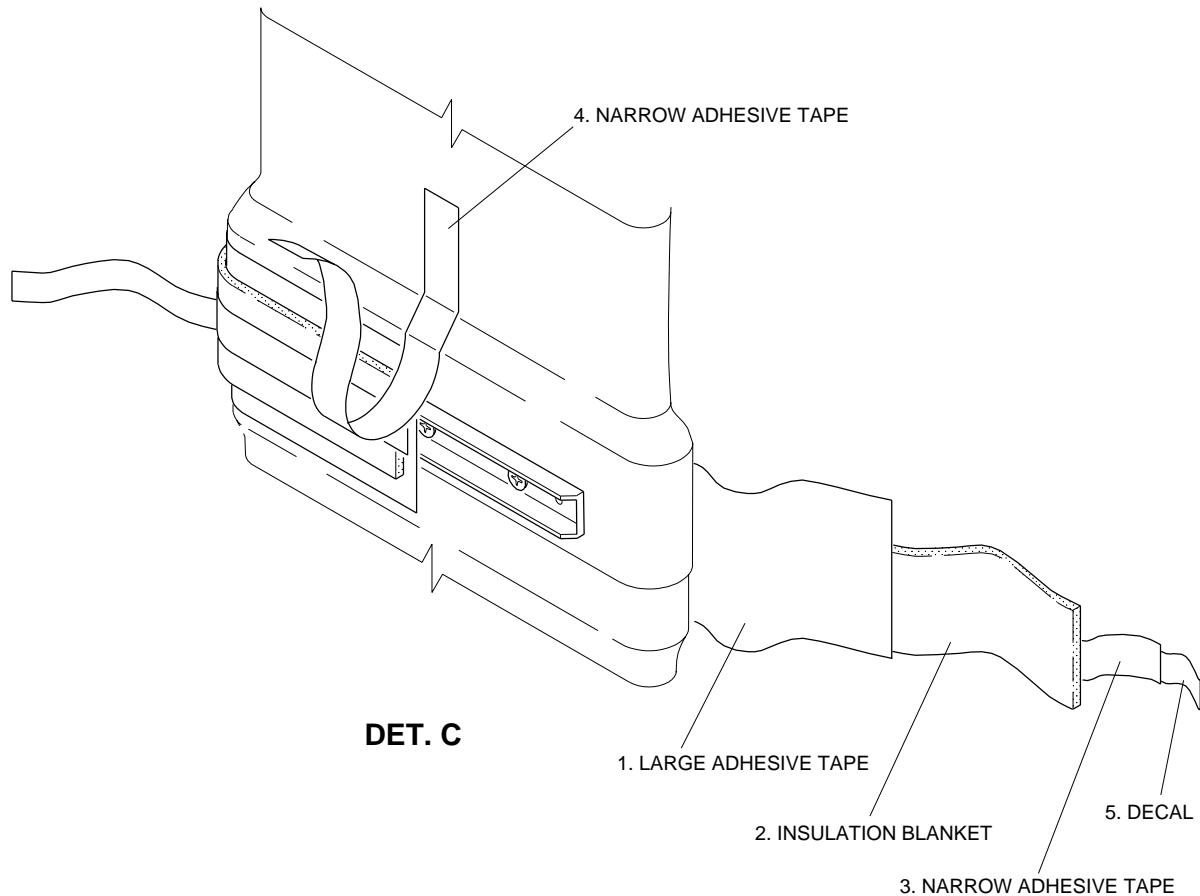
- (a) Remove the decal (5) and the adhesive tapes (4) and (3).
- (b) Remove the insulation blanket (2) from the joint.
- (c) Remove the adhesive tape (1).

EFFECTIVITY: ACFT MODEL(S) EMB-145
Thermal Insulating Blankets - Removal/Installation
Figure 401 - Sheet 1



145AMM210001.MCE B

EFFECTIVITY: ACFT MODEL(S) EMB-145
Thermal Insulating Blankets - Removal/Installation
Figure 401 - Sheet 2



145AMM210220.MCE



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TASK 21-20-01-400-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

3. THERMAL INSULATING BLANKET - INSTALLATION

A. General

- (1) This task gives the procedures to install the thermal insulating blankets.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
KB 42/38 - 38 mm (1.5 in)	Narrow adhesive tape	AR
KB 42/75 - 75 mm (2.95 in)	Large adhesive tape	AR
PE43035-1	Decal	AR

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Joint of the components and ducts of the air conditioning distribution

H. Installation (Figure 401)

SUBTASK 420-008-A

- (1) Refer to DET. B and install the thermal insulating blankets as follows:
- Do the joint of the component or the air conditioning ducts, with 5 (five) turns of adhesive tape (1).
 - Put the insulation blanket (2) on the joint.
 - Install the adhesive tapes (3), (4), and (5).
 - Install the decal (6).
- (2) Refer to DET. C and install the thermal insulating blankets as follows:
- Do the joint of the component or the air conditioning ducts, with 5 (five) turns of adhesive tape (1).



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- (b) Put the insulation blanket (2) on the joint.
- (c) Install the adhesive tapes (3) and (4).
- (d) Install the decal (5).