

## THERMAL INSULATING BLANKETS - REMOVAL/INSTALLATION

*EFFECTIVITY: ACFT MODEL(S) EMB-135*

### 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
21-20-01-000-802-A	THERMAL INSULATING BLANKET - REMOVAL	ACFT MODEL(S) EMB-135
21-20-01-400-802-A	THERMAL INSULATING BLANKET - INSTALLATION	ACFT MODEL(S) EMB-135

TASK 21-20-01-000-802-A

*EFFECTIVITY: ACFT MODEL(S) EMB-135*

## 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

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Joint of the components and ducts of the air conditioning distribution

### H. Removal (Figure 401)

#### *SUBTASK 020-011-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).

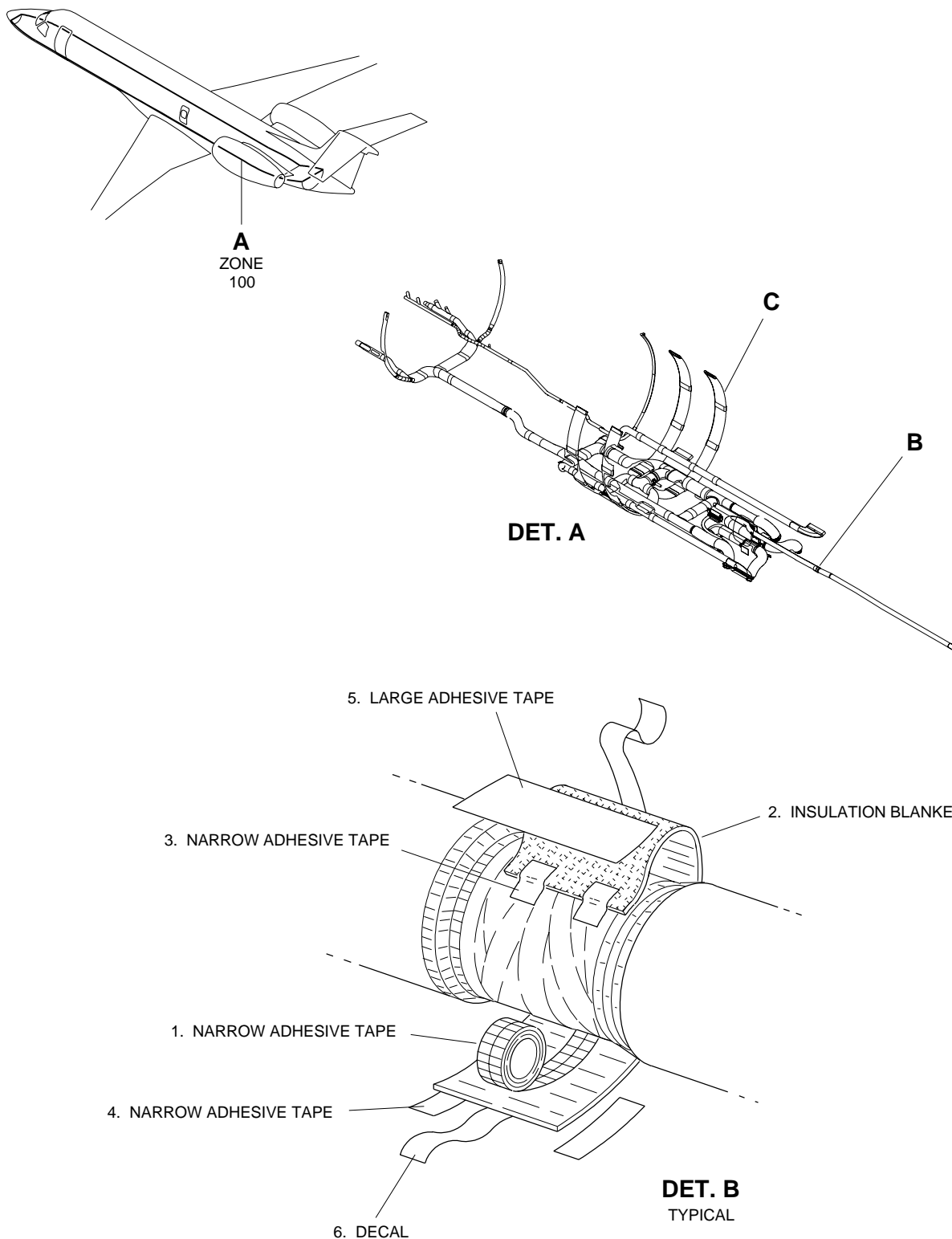
(2) Refer to DET. C and remove the thermal insulating blankets as follows:

- (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).

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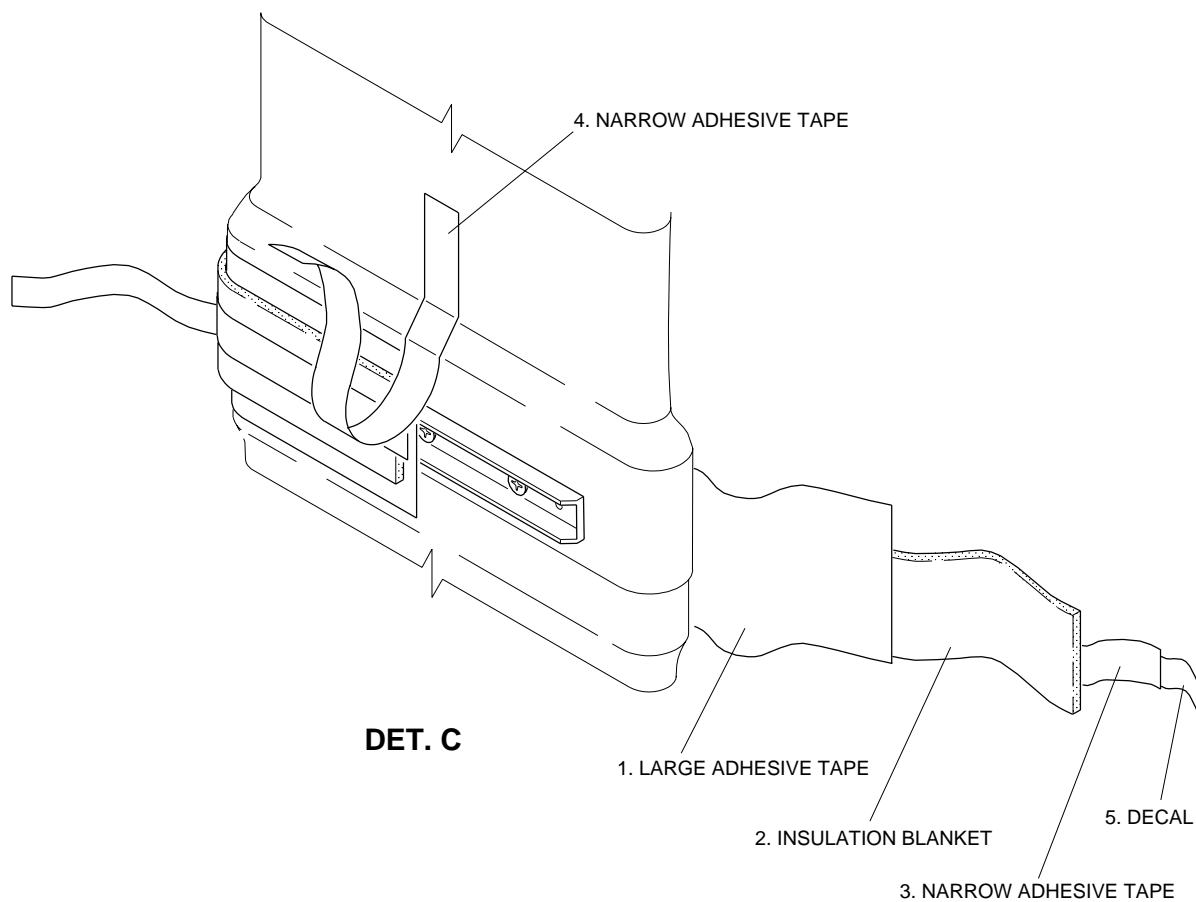
Thermal Insulating Blankets - Removal/Installation

Figure 401 - Sheet 1



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EFFECTIVITY: ACFT MODEL(S) EMB-135  
Thermal Insulating Blankets - Removal/Installation  
Figure 401 - Sheet 2



145AMM210220.MCE

TASK 21-20-01-400-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

### 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 420-009-A

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

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