



## AIRCRAFT MAINTENANCE MANUAL

### BLEED-AIR SERVO LINE - CLEANING/PAINTING

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to clean the bleed-air servo line duct.
- 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
36-11-11-100-801-A	BLEED-AIR DAMPER - CLEANING BY AIR ALL BLAST METHOD	
36-11-11-100-802-A	BLEED-AIR DAMPER - CLEANING BY ULTRASONIC METHOD	
36-11-11-100-803-A	BLEED-AIR RESTRICTOR - CLEANING BY ALL AIR BLAST METHOD	
36-11-11-100-804-A	BLEED-AIR RESTRICTOR - CLEANING BY ALL ULTRASONIC METHOD	

**TASK 36-11-11-100-801-A**
**EFFECTIVITY: ALL**
**2. BLEED-AIR DAMPER - CLEANING BY AIR BLAST METHOD**
**A. General**

- (1) This task gives the procedures to clean the bleed-air damper, by air blast method.
- (2) The damper is installed in the baggage compartment.

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-41-02/100	-
AMM TASK 20-40-02-910-801-A/200	STATIC GROUNDING - STANDARD PRACTICES
AMM TASK 36-00-00-700-803-A/500	AIR BLEED SYSTEM - OPERATIONAL TEST
AMM TASK 36-11-11-100-802-A/700	BLEED-AIR DAMPER - CLEANING BY ULTRASONIC METHOD
AMM TASK 53-01-03-000-801-A/400	BAGGAGE-COMPARTMENT FLOOR PANELS - REMOVAL
AMM TASK 53-01-03-400-801-A/400	BAGGAGE-COMPARTMENT FLOOR PANELS - INSTALLATION

**C. Zones and Accesses**

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
271	271AF	RH floor panel of the baggage compartment
272	272AF	LH floor panel of the baggage compartment

**D. Tools and Equipment**

Not Applicable

**E. Auxiliary Items**

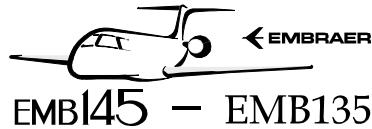
<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Goggles	For eye protection	1
Commercially available	Gloves	For hand protection	1
Locally available	Source of dry and filtered compressed air or nitrogen	To blow dry air into the component	1

**F. Consumable Materials**

Not Applicable

**G. Expandable Parts**

Not Applicable



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H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Inside the baggage compartment

I. Preparation ([Figure 701](#))

SUBTASK 841-002-A

- (1) Keep the aircraft grounded ([AMM TASK 20-40-02-910-801-A/200](#)).
- (2) Remove access panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-000-801-A/400](#)).

**WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS, BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.**

- (3) Remove the bleed-air damper (2) from the fan-air control thermostat (1) and from the tube (3).

J. Cleaning of Bleed-Air Damper by Air Blast Method

SUBTASK 170-002-A

**WARNING: USE EYE AND HAND PROTECTION WHEN YOU USE AN AIR SOURCE TO CLEAN. CONTAMINANTS CAN BECOME AIRBORNE AND CAUSE INJURY TO YOUR EYES AND HANDS.**

**CAUTION: THE COMPRESSED AIR MUST BE DRY AND CLEAN AS FOLLOWS:**

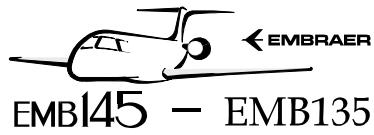
- THE COMPRESSED AIR MUST NOT CONTAIN WATER, OIL, OR RESIDUES OF OIL COMBUSTION.
- AS AN ALTERNATIVE, CLEANING MATERIAL, USE ONLY A MATERIAL THAT IS APPROVED BY EMBRAER MATERIALS ENGINEERING AND APPLICABLE TO THE MATERIAL TO BE CLEANED.
- TO REMOVE HEAVY CONTAMINANTS, BLOW AIR AT 25-PSI MAXIMUM PRESSURE FROM A REGULATED AIR SOURCE.

- (1) Apply pressurized dry air or nitrogen, in the two directions, into the interior of the bleed-air damper.
- (2) Use a backlight to do a check for obstruction inside the bleed-air damper. If necessary, you can clean it by ultrasonic method ([AMM TASK 36-11-11-100-802-A/700](#)) or replace it.

K. Follow-on

SUBTASK 842-002-A

- (1) Install the bleed-air damper (2) to the fan-air control thermostat (1) and from the tube (3).
- (2) Install access panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-400-801-A/400](#)).



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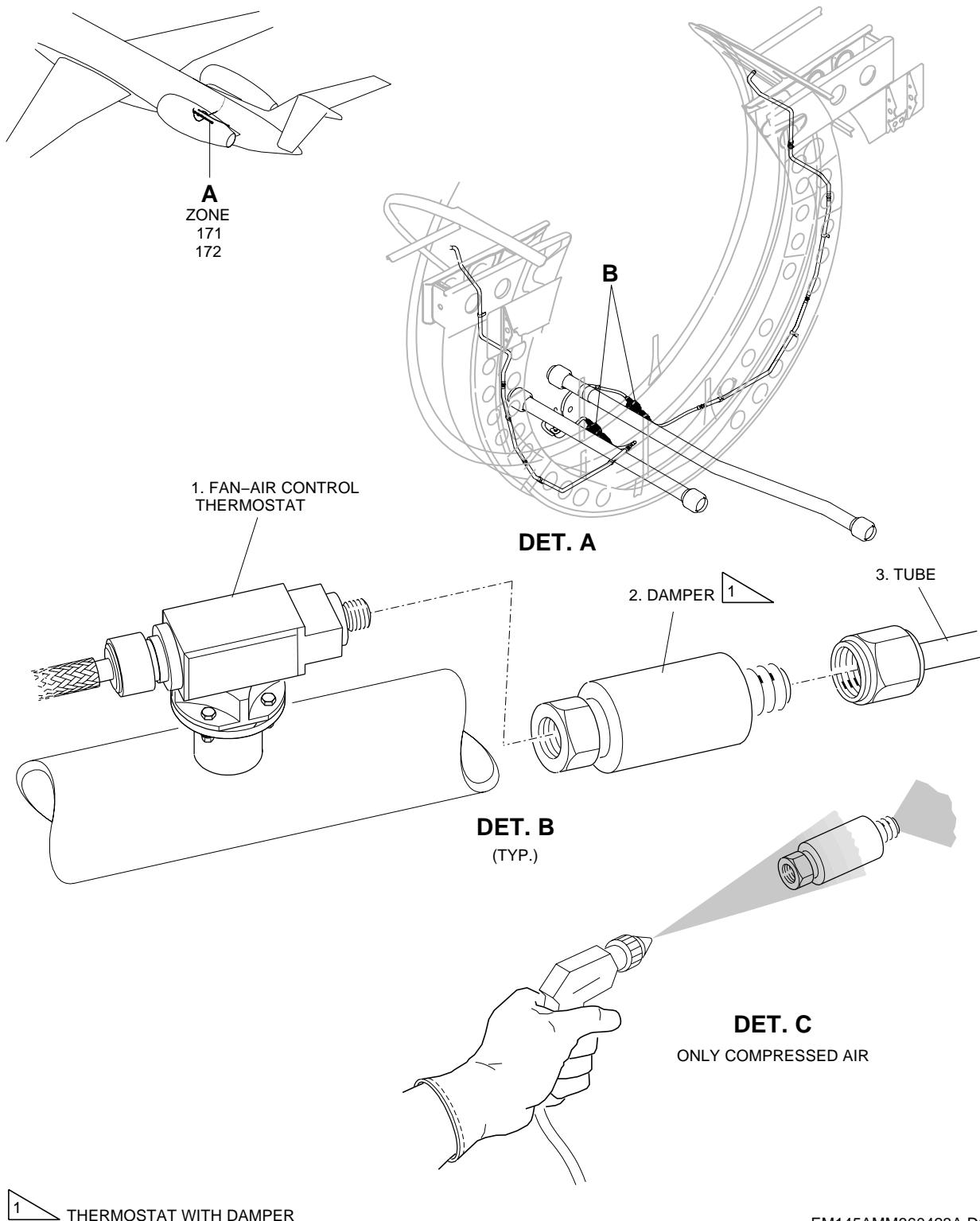
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- 
- (3) Do the Operational Test of the Air Bleed System ( [AMM TASK 36-00-00-700-803-A/500](#)).

**EFFECTIVITY: ALL**

Bleed-Air Damper - Cleaning by Air Blast Method

Figure 701



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**TASK 36-11-11-100-802-A**
**EFFECTIVITY: ALL**
**3. BLEED-AIR DAMPER - CLEANING BY ULTRASONIC METHOD**
**A. General**

- (1) This task gives the procedures to clean the bleed-air damper, by ultrasonic method.
- (2) The damper is installed in the baggage compartment.

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-41-02/100	-
AMM MPP 36-11-06/400	- REMOVAL/INSTALLATION
AMM TASK 20-40-02-910-801-A/200	STATIC GROUNDING - STANDARD PRACTICES
AMM TASK 36-00-00-700-803-A/500	AIR BLEED SYSTEM - OPERATIONAL TEST
AMM TASK 53-01-03-000-801-A/400	BAGGAGE-COMPARTMENT FLOOR PANELS - REMOVAL

**C. Zones and Accesses**

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
271	271AF	RH floor panel of the baggage compartment
272	272AF	LH floor panel of the baggage compartment

**D. Tools and Equipment**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Erlenmeyer flask	To contain the cleaner liquid and inside the component	

**E. Auxiliary Items**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Goggles	For eye protection	1
Commercially available	Gloves	For hand protection	1
Locally available	Source of dry and filtered compressed air or nitrogen	To dry components after cleaning	1
Commercially available	Pair of tweezers (stainless steel)	to handle the component and as a protection for the hands	1

**F. Consumable Materials**

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
Alconox	Cleaning Detergent	AR
MIL-PRF-680	Dry Cleaning Solvent	AR
ASTM-D-740	M.E.K	AR

**G. Expandable Parts**

Not Applicable

**H. Persons Recommended**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Inside the baggage compartment

**I. Preparation**
**SUBTASK 841-003-A**

- (1) Keep the aircraft grounded ([AMM TASK 20-40-02-910-801-A/200](#)).
- (2) Remove access panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-000-801-A/400](#)).

**WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS, BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.**

- (3) Remove the bleed-air damper (2) from the fan-air control thermostat (1) and from the tube (3).

**J. Cleaning of Bleed-Air Damper by Ultrasonic Method ([Figure 702](#))**
**SUBTASK 130-002-A**

**CAUTION: FOR ULTRASONIC CLEANING, OBEY THESE PRECAUTIONS:**

- AS AN ALTERNATIVE, USE ONLY A SOLVENT THAT IS APPROVED BY EMBRAER MATERIALS ENGINEERING AND APPLICABLE TO THE MATERIAL TO BE CLEANED.
- AFTER THE ULTRASONIC CLEANING OF ALL COMPONENTS, REMOVE THEM FROM THE ULTRASONIC TANK AND PUT THEM FULLY INTO THE CLEANING SOLVENT RINSE TANK FOR CLEANING DURING THE NECESSARY TIME.

- (1) Put the component in an Erlenmeyer flask.
- (2) Prepare the Alconox® detergent solution and obey the manufacturer instructions. Use the security equipment and accessories.
- (3) Put this solution into the Erlenmeyer flask in a sufficient quantity (approximately 400 ml for each component).

- (4) Put the Erlenmeyer flask into the tank of the ultrasonic cleaning machine with clean water at room temperature (approx. 25°C (77°F)).
- (5) Turn on the ultrasonic cleaning machine, and let the component soak for 120 to 180 minutes in ultrasonic cleaning fluid, at room temperature (approx. 25°C (77°F)).
- (6) After the ultrasonic cleaning, turn off the ultrasonic cleaning machine, and remove the Erlenmeyer flask from it.
- (7) Rinse the component with clean water for sufficient time for the removal of the residues of Alconox® detergent solution.
- (8) Put the dry cleaning solvent (MIL-PRF-680) or M.E.K. (ASTM-D-740) into the other clean Erlenmeyer flask in sufficient quantity to cover all the component.
- (9) Turn on the ultrasonic cleaning machine and let the component soak for 10 to 15 minutes in ultrasonic cleaning fluid, at room temperature (approx. 25°C (77°F)).
- (10) Dry the component with a hot-air drier or dry compressed air.

**CAUTION:** USE AN APPLICABLE PAIR OF TWEEZERS OR EQUIVALENT TOOL TO HANDLE THE COMPONENT DURING THE DRYING PROCEDURE TO PREVENT THE HOT AIR OF THE DRIER AND HAND BURNING BECAUSE OF THE METALLIC COMPONENT HEATING.

- (11) If the air does not flow freely through the component, replace it ([AMM MPP 36-11-06/400](#)).

**K. Follow-on**

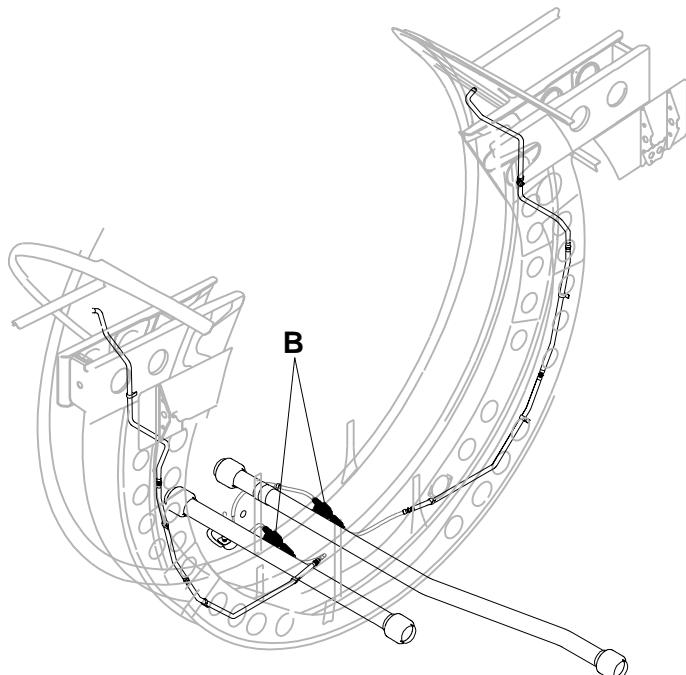
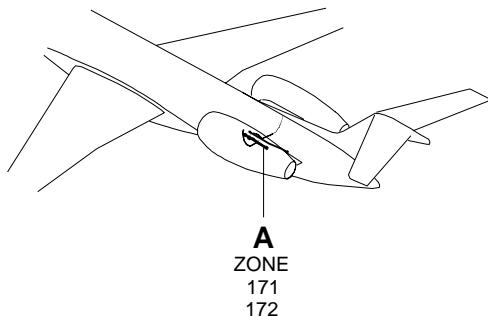
**SUBTASK 842-003-A**

- (1) Install the bleed-air damper (2) to the fan-air control thermostat (1) and from the tube (3).
- (2) Install access panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-000-801-A/400](#)).
- (3) Do the Operational Test of the Air Bleed System ([AMM TASK 36-00-00-700-803-A/500](#)).

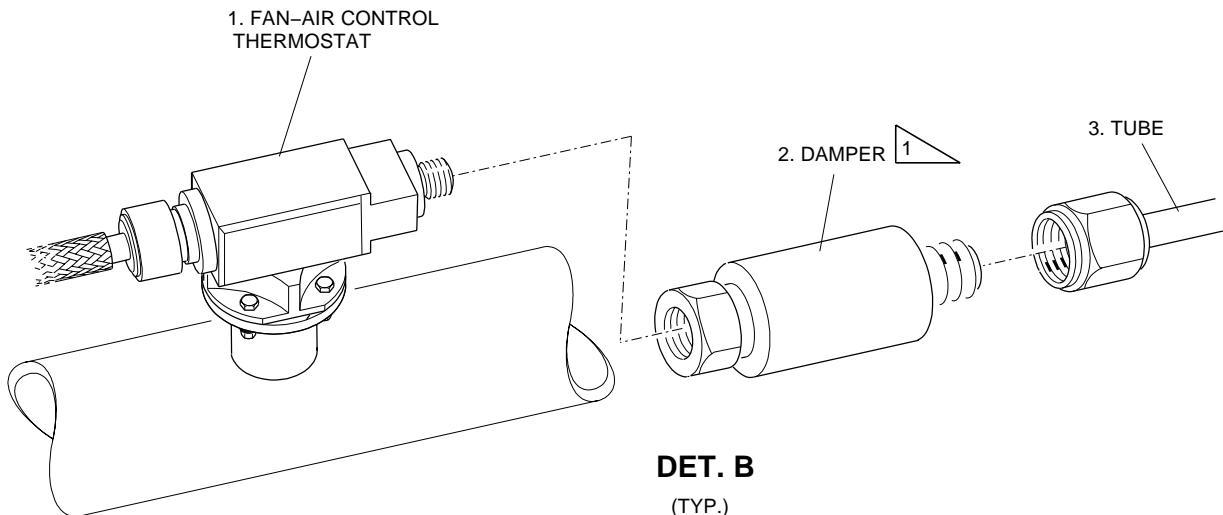
**EFFECTIVITY: ALL**

Bleed-Air Damper - Cleaning by Ultrasonic Method

Figure 702 - Sheet 1



**DET. A**



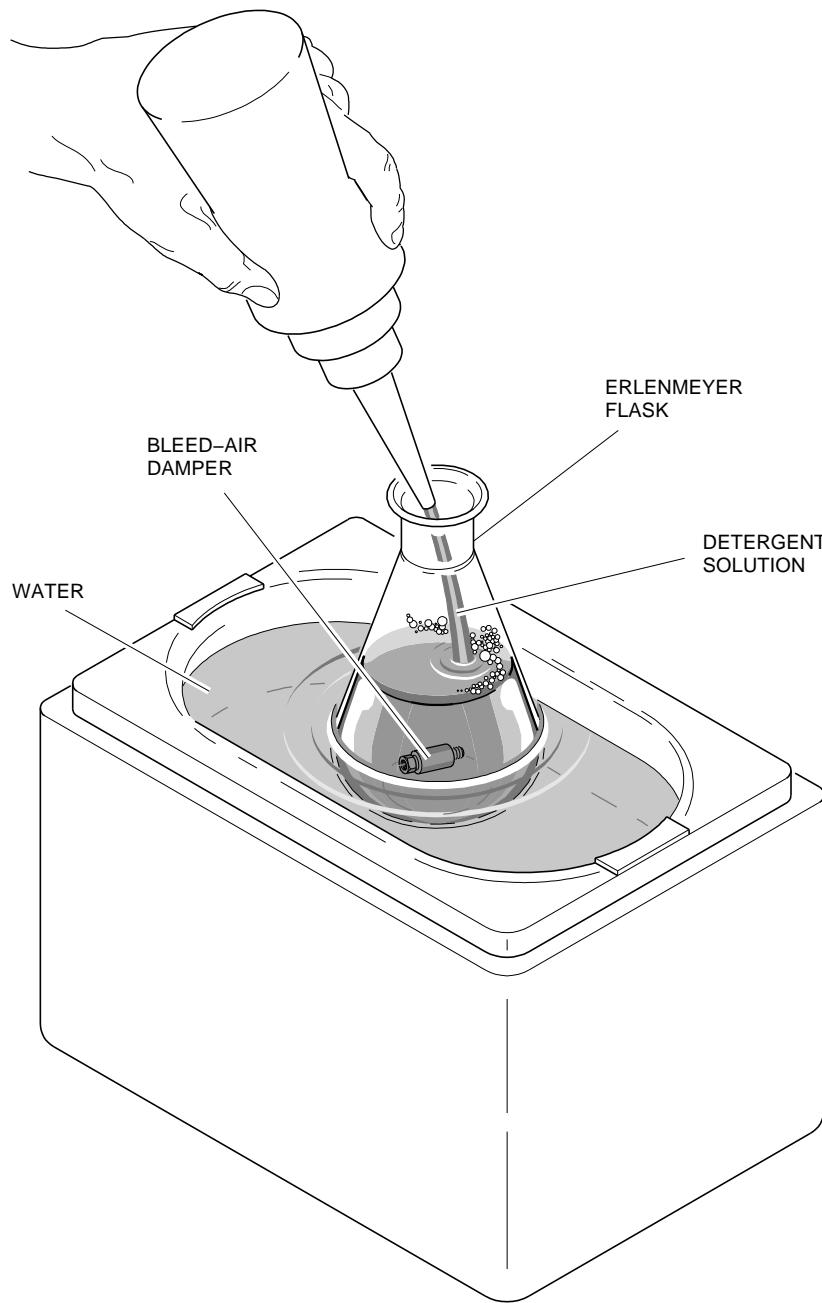
 THERMOSTAT WITH DAMPER

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**EFFECTIVITY: ALL**

Bleed-Air Damper - Cleaning by Ultrasonic Method

Figure 702 - Sheet 2


**NOTE:**

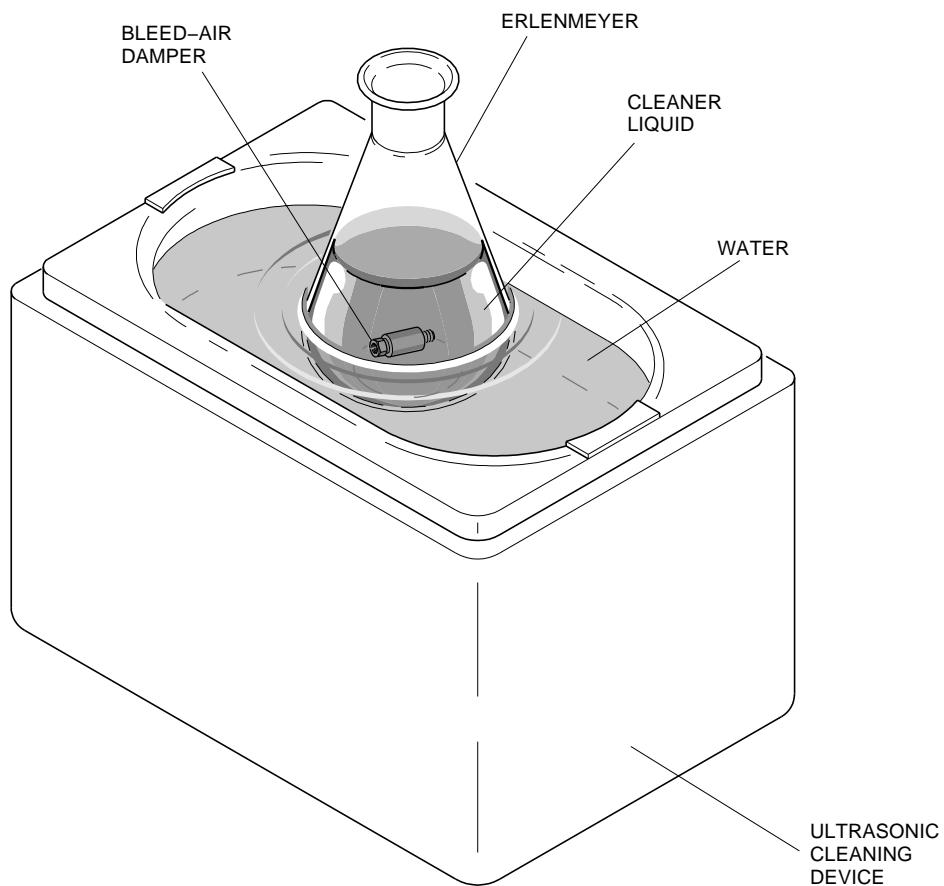
- PUT THE COMPONENT INTO AN ERLENMEYER FLASK, PUT THE ALCONOX® SOLUTION SOLVENT INTO IT IN A SUFFICIENT QUANTITY TO COVER THE COMPONENT, AND THEN PUT THE ERLENMEYER FLASK INTO THE TANK OF THE ULTRASONIC CLEANING MACHINE WITH CLEAN WATER AT ROOM TEMPERATURE. LET THE COMPONENT STAY 120 TO 180 MINUTES IN ULTRASONIC CLEANING.

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**EFFECTIVITY: ALL**

Bleed-Air Damper - Cleaning by Ultrasonic Method

Figure 702 - Sheet 3

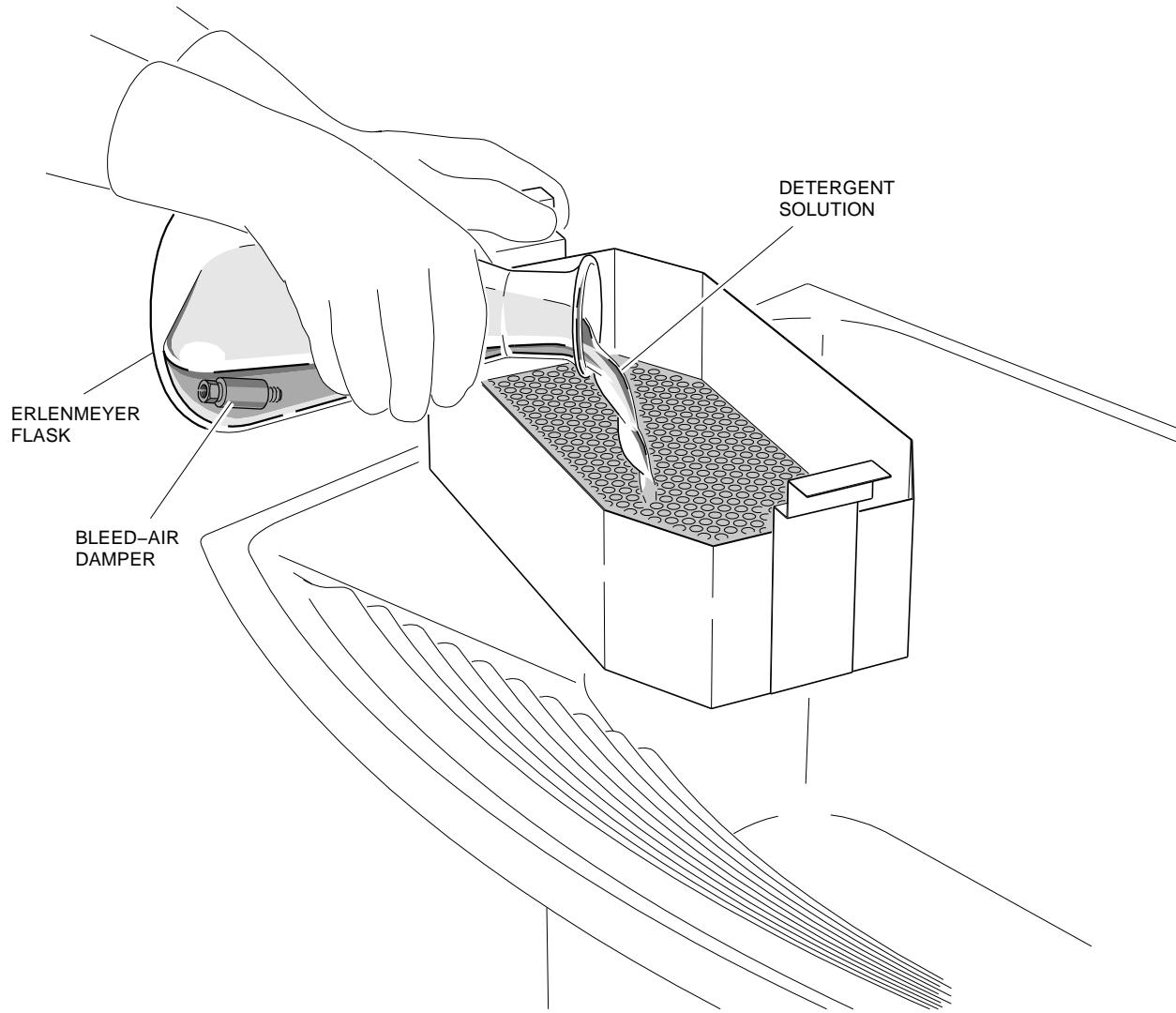


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**EFFECTIVITY: ALL**

Bleed-Air Damper - Cleaning by Ultrasonic Method

Figure 702 - Sheet 4


**NOTE:**

- DISCARD THE DEGREASING SOLVENT IN THE CORRECT LOCATION THEN, REMOVE THE COMPONENT AND DRY IT WITH A HOT AIR DRIER DURING A FEW MINUTES.

CAUTION: USE THE APPLICABLE PAIR OF TWEEZERS TO HANDLE THE COMPONENT DURING THE DRYING PROCEDURE TO PREVENT THE HOT AIR OF THE DRIER AND HAND BURNING BECAUSE OF THE METALLIC COMPONENT HEATING.

- DISCARD THE ALCONOX® SOLUTION IN THE CORRECT LOCATION THEN RINSE THE COMPONENT WITH CLEAN WATER AT ROOM TEMPERATURE DURING SUFFICIENT TIME FOR REMOVAL OF THE RESIDUES OF ALCONOX® SOLUTION SOLVENT.  
 DISCARD THE WATER AND APPLY THE SAME PROCEDURE WITH DEGREASING SOLVENT DURING A FEW MINUTES IN THE ULTRASONIC EQUIPMENT.

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**TASK 36-11-11-100-803-A**

**EFFECTIVITY: ALL**

**4. BLEED-AIR RESTRICTOR - CLEANING BY AIR BLAST METHOD**

**A. General**

- (1) This task gives the procedures to clean the bleed-air restrictor, by air blast method.
- (2) The restrictor is installed in the baggage compartment.

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-41-02/100	-
AMM TASK 20-40-02-910-801-A/200	STATIC GROUNDING - STANDARD PRACTICES
AMM TASK 36-00-00-700-803-A/500	AIR BLEED SYSTEM - OPERATIONAL TEST
AMM TASK 36-11-11-100-804-A/700	BLEED-AIR RESTRICTOR - CLEANING BY ULTRA-SONIC METHOD
AMM TASK 53-01-03-000-801-A/400	BAGGAGE-COMPARTMENT FLOOR PANELS - REMOVAL
AMM TASK 53-01-03-400-801-A/400	BAGGAGE-COMPARTMENT FLOOR PANELS - INSTALLATION

**C. Zones and Accesses**

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
271	271AF	RH floor panel of the baggage compartment
272	272AF	LH floor panel of the baggage compartment

**D. Tools and Equipment**

Not Applicable

**E. Auxiliary Items**

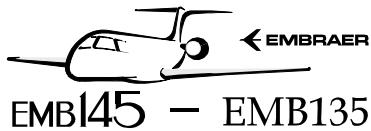
<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Goggles	For eye protection	1
Commercially available	Gloves	For hand protection	1
Locally available	Source of dry and filtered compressed air or nitrogen	To blow dry air into the component	1

**F. Consumable Materials**

Not Applicable

**G. Expandable Parts**

Not Applicable



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H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Inside the baggage compartment

I. Preparation

SUBTASK 841-005-A

- (1) Keep the aircraft grounded ([AMM TASK 20-40-02-910-801-A/200](#)).
- (2) Remove access panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-000-801-A/400](#)).

**WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS, BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.**

- (3) Remove the bleed-air restrictor (2) from the fan-air control thermostat (1) and from the tube (3).

J. Cleaning of Bleed-air Restrictor by Air Blast Method ([Figure 703](#))

SUBTASK 170-003-A

**WARNING: USE EYE AND HAND PROTECTION WHEN YOU USE AN AIR SOURCE TO CLEAN. CONTAMINANTS CAN BECOME AIRBORNE AND CAUSE INJURY TO YOUR EYE AND HAND.**

**CAUTION: THE COMPRESSED AIR MUST BE DRY AND CLEAN AS FOLLOWS:**

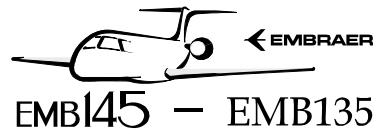
- THE COMPRESSED AIR MUST NOT CONTAIN WATER, OIL, OR RESIDUES OF OIL COMBUSTION.
- AS AN ALTERNATIVE, CLEANING MATERIAL, USE ONLY A MATERIAL THAT IS APPROVED BY EMBRAER MATERIALS ENGINEERING AND APPLICABLE TO THE MATERIAL TO BE CLEANED.
- TO REMOVE HEAVY CONTAMINANTS, BLOW AIR AT 25-PSI MAXIMUM PRESSURE FROM A REGULATED AIR SOURCE.

- (1) Apply pressurized dry air or nitrogen, in the two directions, into the interior of the bleed-air restrictor.
- (2) Use a backlight to do a check for obstruction inside the bleed-air restrictor. If necessary, you can clean it by ultrasonic method ([AMM TASK 36-11-11-100-804-A/700](#)) or replace it.

K. Follow-on

SUBTASK 842-005-A

- (1) Install the bleed air restrictor (2) to the tube (3) and to the hose that comes from the fan-air control thermostat (1).
- (2) Install access panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-400-801-A/400](#)).



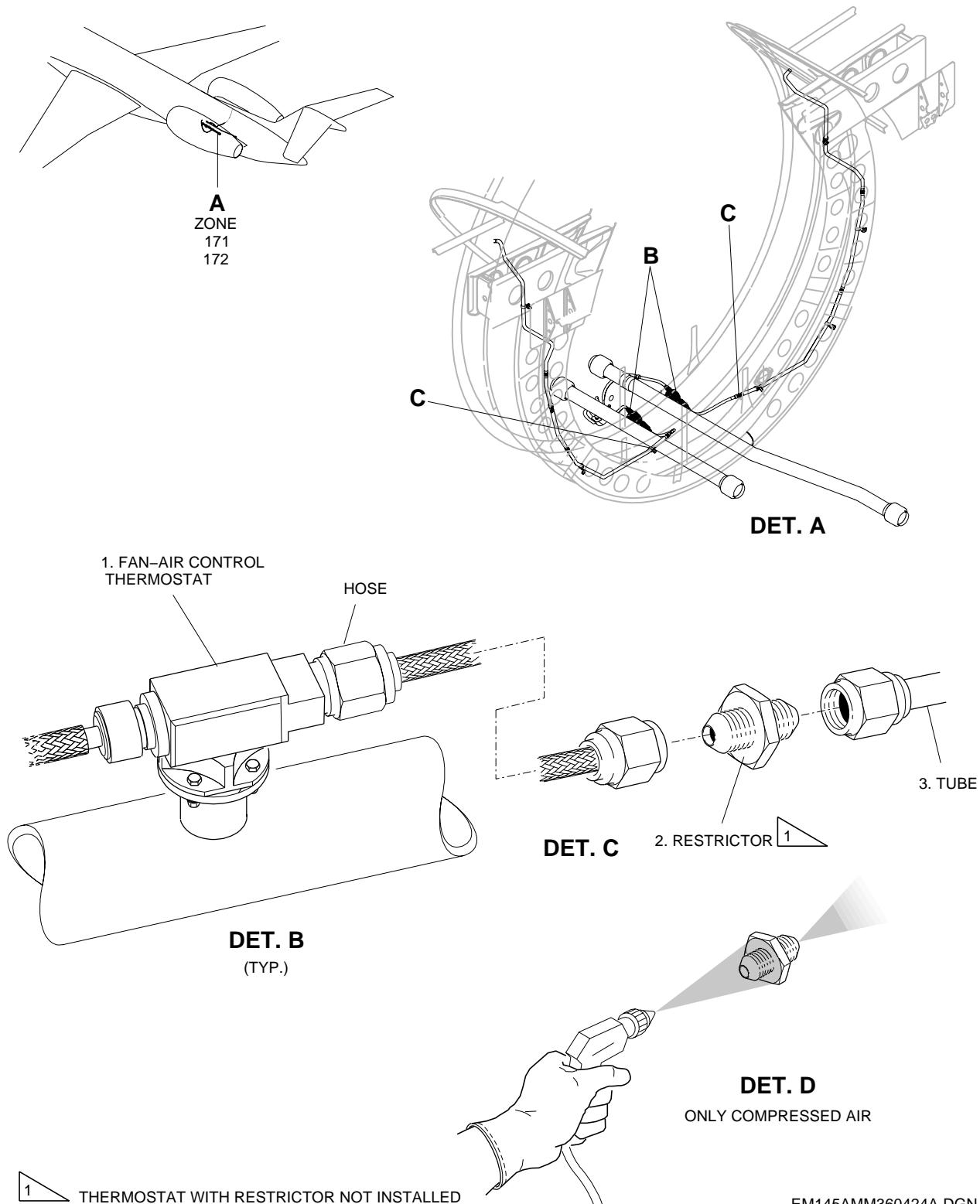
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- (3) Do the Operational Test of the Air Bleed System ( [AMM TASK 36-00-00-700-803-A/500](#)).

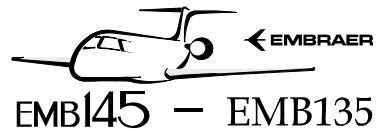
**EFFECTIVITY: ALL**

Bleed-Air Restrictor - Cleaning by Air Blast Method

Figure 703



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TASK 36-11-11-100-804-A

EFFECTIVITY: ALL

5. BLEED-AIR RESTRICTOR - CLEANING BY ULTRASONIC METHOD

A. General

- (1) This task gives the procedures to clean the bleed-air restrictor, by ultrasonic method.
- (2) The restrictor is installed in the baggage compartment.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM MPP 36-11-06/400	- REMOVAL/INSTALLATION
AMM TASK 20-40-02-910-801-A/200	STATIC GROUNDING - STANDARD PRACTICES
AMM TASK 36-00-00-700-803-A/500	AIR BLEED SYSTEM - OPERATIONAL TEST
AMM TASK 36-11-06-000-801-A/400	FAN-AIR CONTROL THERMOSTAT - REMOVAL
AMM TASK 53-01-03-000-801-A/400	BAGGAGE-COMPARTMENT FLOOR PANELS - REMOVAL
AMM TASK 53-01-03-400-801-A/400	BAGGAGE-COMPARTMENT FLOOR PANELS - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
271	271AF	RH floor panel of the baggage compartment
272	272AF	LH floor panel of the baggage compartment

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Erlenmeyer flask	To contain the cleaner liquid and inside the component	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Goggles	For eye protection	1
Commercially available	Gloves	For hand protection	1
Locally available	Source of dry and filtered compressed air or nitrogen	To dry components after cleaning	1
Commercially available	Pair of tweezers (stainless steel)	to handle the component and as a protection for the hands.	1

**F. Consumable Materials**

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
Alconox	Cleaning Detergent	AR
ASTM D740	Cleaning Solvent	AR

**G. Expandable Parts**

Not Applicable

**H. Persons Recommended**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Inside the baggage compartment

**I. Preparation**
**SUBTASK 841-004-A**

- (1) Keep the aircraft grounded ([AMM TASK 20-40-02-910-801-A/200](#)).
- (2) Remove access panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-000-801-A/400](#)).

**WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS, BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.**

- (3) Remove the bleed-air restrictor from the fan-air control thermostat ([AMM TASK 36-11-06-000-801-A/400](#)).

**J. Cleaning of Bleed-Air Restrictor by Ultrasonic Method (Figure 704)**
**SUBTASK 130-003-A**

**CAUTION: FOR ULTRASONIC CLEANING, OBEY THESE PRECAUTIONS:**

- AS AN ALTERNATIVE, USE ONLY A SOLVENT THAT IS APPROVED BY EMBRAER MATERIALS ENGINEERING AND APPLICABLE TO THE MATERIAL TO BE CLEANED.
- AFTER THE ULTRASONIC CLEANING OF ALL COMPONENTS, REMOVE THEM FROM THE ULTRASONIC CLEANER MACHINE AND PUT THEM FULLY INTO THE CLEANER SOLVENT RINSE TANK FOR CLEANING DURING THE NECESSARY TIME.

- (1) Put the component in an Erlenmeyer flask.
- (2) Prepare the Alconox® detergent solution and obey the manufacturer instructions. Use the security equipment and accessories.
- (3) Put this solution into the Erlenmeyer flask in a sufficient quantity (approximately 400 ml for each component).

- (4) Put the Erlenmeyer flask in the tank of the ultrasonic cleaning machine with clean water at room temperature (approx. 25°C (77°F)).
- (5) Turn on the ultrasonic cleaning machine, and let the component soak for 120 to 180 minutes in ultrasonic cleaning fluid, at room temperature (approx. 25°C (77°F)).
- (6) After the ultrasonic cleaning, turn off the ultrasonic cleaning machine, and remove the Erlenmeyer flask from it.
- (7) Rinse the component with clean water for sufficient time for removal of the residues of Alconox® detergent solution.
- (8) Put the degreasing solvent (MEK) into the other clean Erlenmeyer flask in sufficient quantity to cover all the component.
- (9) Turn on the ultrasonic cleaning machine, and let the component soak for 10 to 15 minutes in ultrasonic cleaning fluid, at room temperature (approx. 25°C (77°F)).
- (10) Dry the component with a hot-air drier or dry compressed air.

**CAUTION:** USE AN APPLICABLE PAIR OF TWEEZERS OR EQUIVALENT TOOL TO HANDLE THE COMPONENT DURING THE DRYING PROCEDURE TO PREVENT THE HOT AIR OF THE DRIER AND HAND BURNING BECAUSE OF THE METALLIC COMPONENT HEATING.

- (11) If the air does not flow freely through the component, replace it ([AMM MPP 36-11-06/400](#)).

**K. Follow-on**

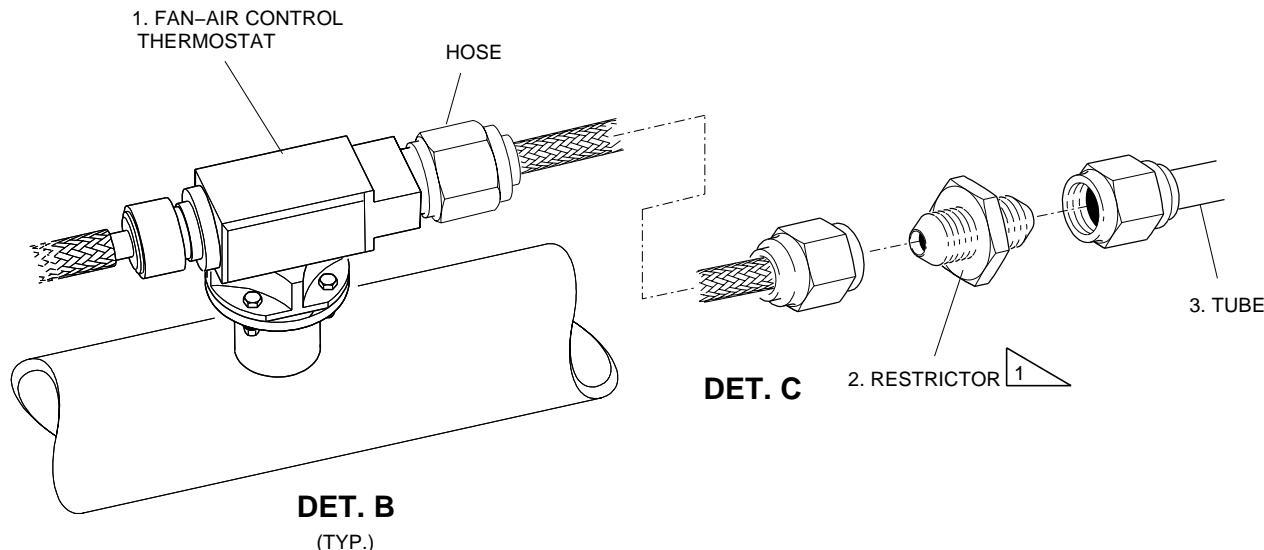
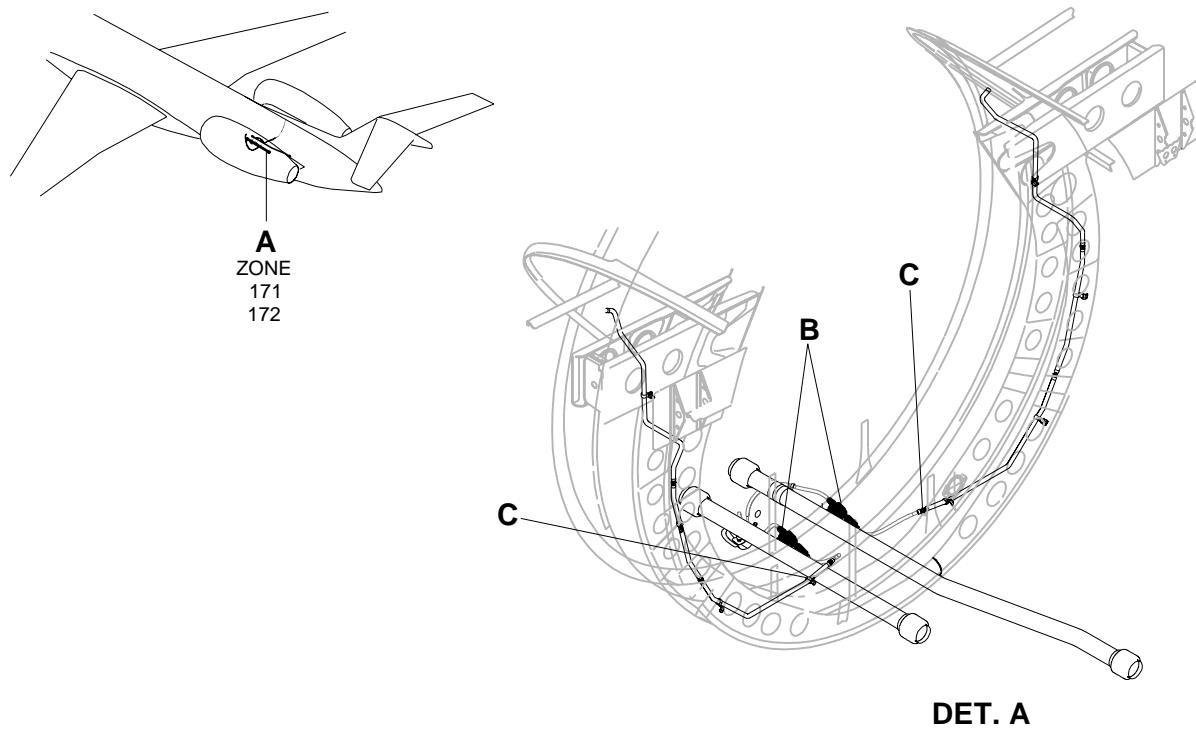
**SUBTASK 842-004-A**

- (1) Install the bleed air restrictor (2) to the tube (3) and to the hose that comes from the fan-air control thermostat (1).
- (2) Install access panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-400-801-A/400](#)).
- (3) Do the Operational Test of the Air Bleed System ([AMM TASK 36-00-00-700-803-A/500](#)).

**EFFECTIVITY: ALL**

Bleed-Air Restrictor - Cleaning by Ultrasonic Method

Figure 704 - Sheet 1



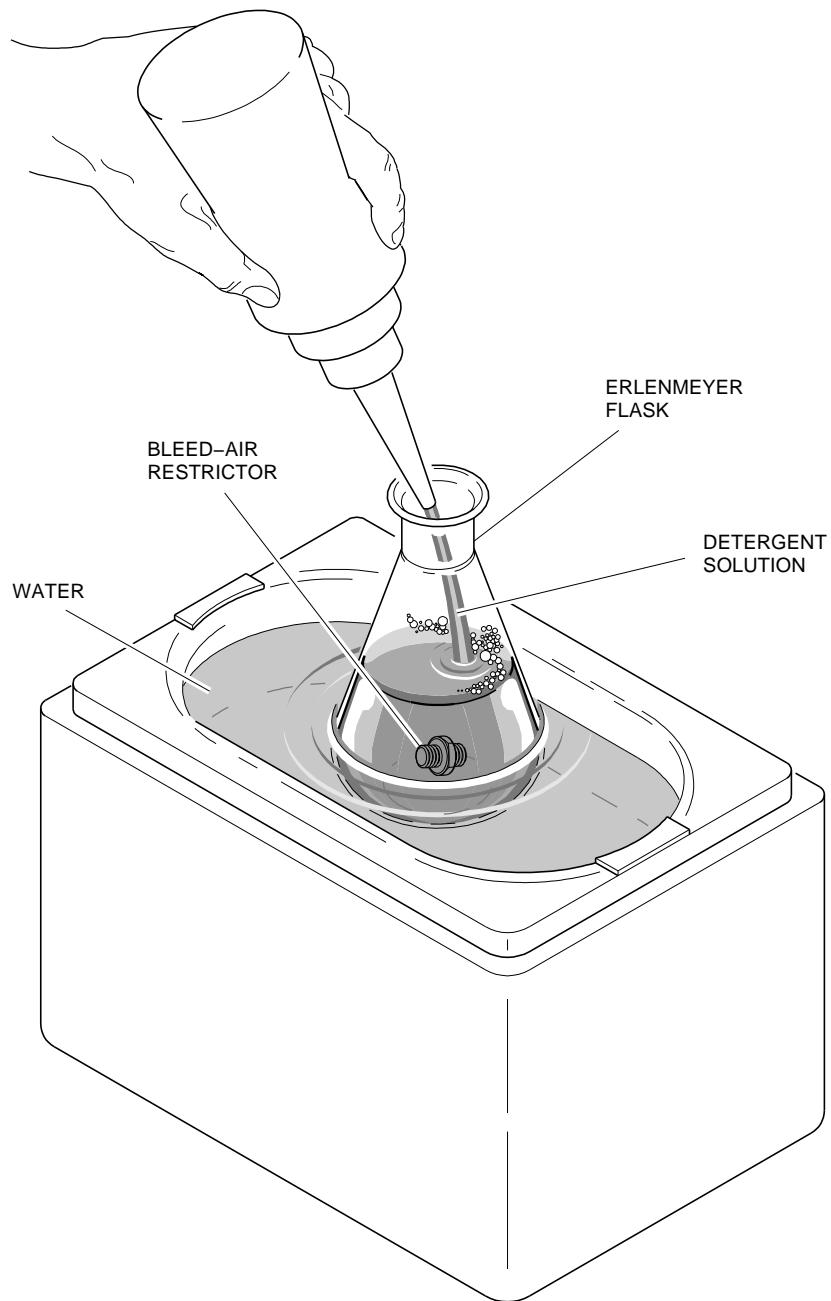
 **THERMOSTAT WITH RESTRICTOR NOT INSTALLED**

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**EFFECTIVITY: ALL**

Bleed-Air Restrictor - Cleaning by Ultrasonic Method

Figure 704 - Sheet 2


**NOTE:**

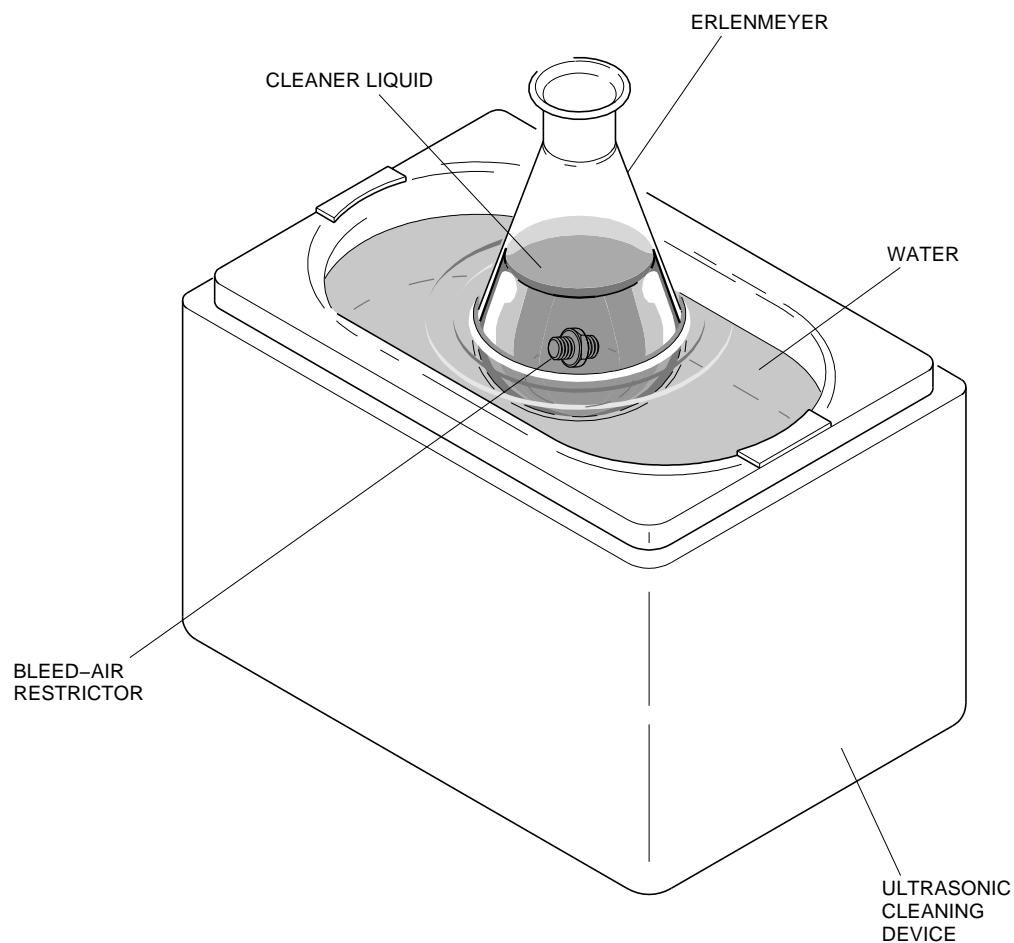
- PUT THE COMPONENT INTO AN ERLLENMEYER FLASK, PUT THE ALCONOX® SOLUTION SOLVENT INTO IT IN A SUFFICIENT QUANTITY TO COVER THE COMPONENT, AND THEN PUT THE ERLLENMEYER FLASK INTO THE TANK OF THE ULTRASONIC CLEANING MACHINE WITH CLEAN WATER AT ROOM TEMPERATURE. LET THE COMPONENT STAY 120 TO 180 MINUTES IN ULTRASONIC CLEANING.

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EFFECTIVITY: ALL

Bleed-Air Restrictor - Cleaning by Ultrasonic Method

Figure 704 - Sheet 3

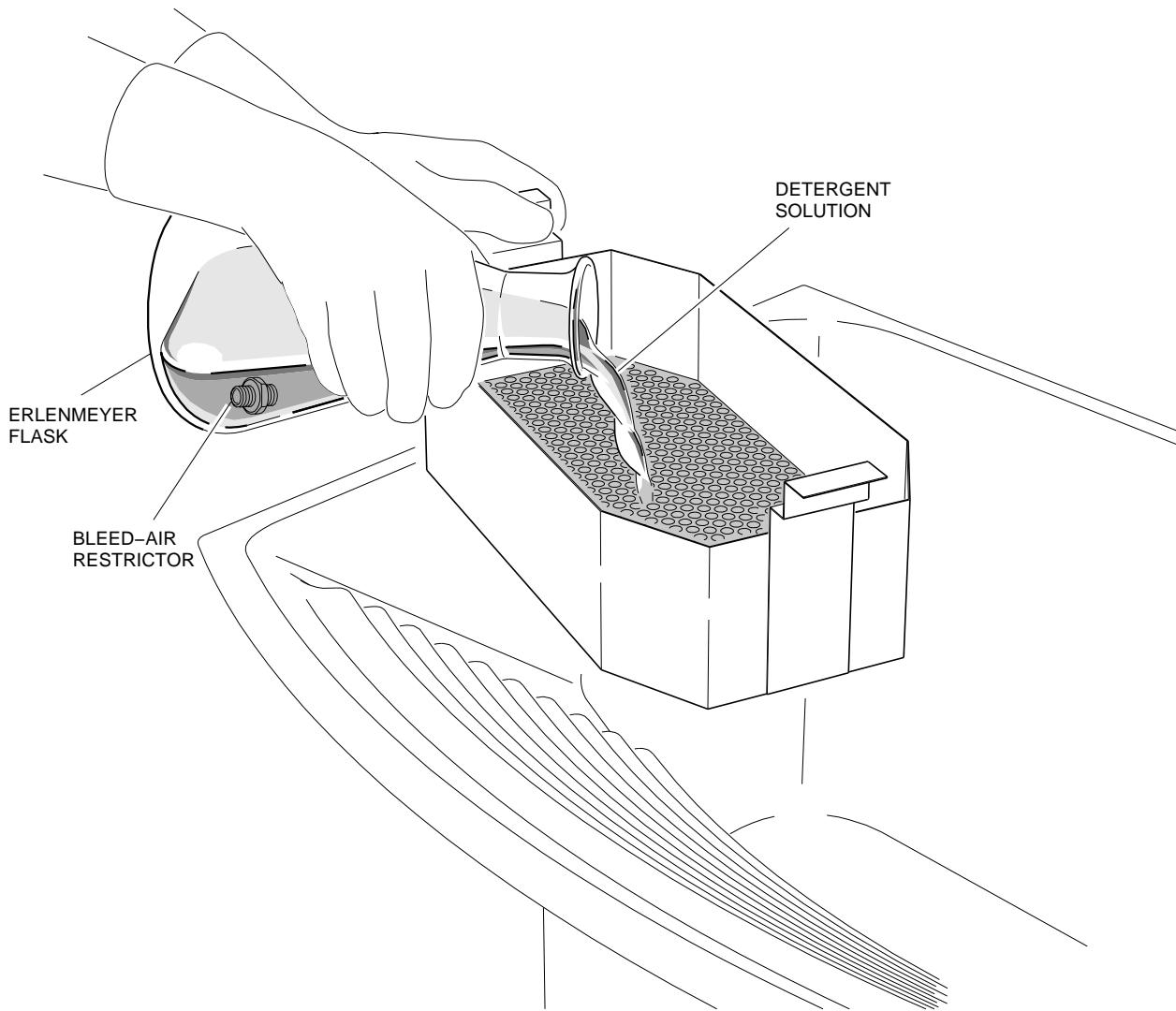


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**EFFECTIVITY: ALL**

Bleed-Air Restrictor - Cleaning by Ultrasonic Method

Figure 704 - Sheet 4



**NOTE:**

- DISCARD THE DEGREASING SOLVENT IN THE CORRECT LOCATION THEN, REMOVE THE COMPONENT AND DRY IT WITH A HOT AIR DRIER DURING A FEW MINUTES.

CAUTION: USE THE APPLICABLE PAIR OF TWEEZERS TO HANDLE THE COMPONENT DURING THE DRYING PROCEDURE TO PREVENT THE HOT AIR OF THE DRIER AND HAND BURNING BECAUSE OF THE METALLIC COMPONENT HEATING.

- DISCARD THE ALCONOX® SOLUTION IN THE CORRECT LOCATION THEN RINSE THE COMPONENT WITH CLEAN WATER AT ROOM TEMPERATURE DURING SUFFICIENT TIME FOR REMOVAL OF THE RESIDUES OF ALCONOX® SOLUTION SOLVENT.  
DISCARD THE WATER AND APPLY THE SAME PROCEDURE WITH DEGREASING SOLVENT DURING A FEW MINUTES IN THE ULTRASONIC EQUIPMENT.

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