

EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

SERVO CONTROLLED BLEED AIR VALVE - REMOVAL/INSTALLATION

EFFECTIVITY: FOR AIRCRAFT WITH APU T-62T-40C14

1. General

- A. This section gives the procedures to remove/install the bleed valve.
- 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
36-12-03-000-801-A	APU BLEED VALVE - REMOVAL	FOR AIRCRAFT PRE-MOD. S.B. 145-49-0031
36-12-03-400-801-A	APU BLEED VALVE - INSTALLATION	FOR AIRCRAFT PRE-MOD. S.B. 145-49-0031
36-12-03-000-802-A	APU BLEED VALVE - REMOVAL	FOR AIRCRAFT WITH APU 145-54858 SER-IES COWLING - ACFT POST-MOD. S.B. 145-49-0031
36-12-03-400-802-A	APU BLEED VALVE - INSTALLATION	FOR AIRCRAFT WITH APU 145-54858 SER-IES COWLING - ACFT POST-MOD. S.B. 145-49-0031
36-12-03-000-803-A	APU-BLEED VALVE FILTER - REMOVAL	FOR AIRCRAFT WITH APU 145-54858 SER-IES COWLING.
36-12-03-400-803-A	APU-BLEED VALVE FILTER - INSTALLA-TION	FOR AIRCRAFT WITH APU 145-54858 SER-IES COWLING.
36-12-03-040-801-A	APU BLEED VALVE - DEACTIVATION	FOR AIRCRAFT WITH APU T-62T-40C14
36-12-03-440-801-A	APU BLEED VALVE - REACTIVATION	FOR AIRCRAFT WITH APU T-62T-40C14



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TASK 36-12-03-000-801-A

EFFECTIVITY: FOR AIRCRAFT PRE-MOD. S.B. 145-49-0031

2. APU BLEED VALVE - REMOVAL

A. General

- (1) This task gives the procedure to remove the APU bleed valve (this instructions is given in the latest revision of Hamilton Sundstrand engine manual T-62T-40C14-1 (P/N 4504112), 49-50-02.).

B. References

REFERENCE	DESIGNATION
AMM TASK 49-11-00-000-801-A/400	APU COWLING - REMOVAL
AMM TASK 49-15-00-000-801-A/400	APU COWLING - REMOVAL
protective plastic plug	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313	APU

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the APU work area	1

F. Consumable Materials

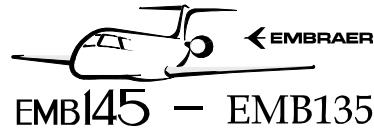
SPECIFICATION (BRAND)	DESCRIPTION	QTY
Commercially available	protective plastic plug	2

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Commercially available	protective plastic plug	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	APU work area



I. Preparation

SUBTASK 841-002-A

WARNING: MAKE SURE THAT THE APU CONTROL MASTER SWITCH IS IN THE "OFF" POSITION TO PREVENT AN APU ACCIDENTAL OPERATION.

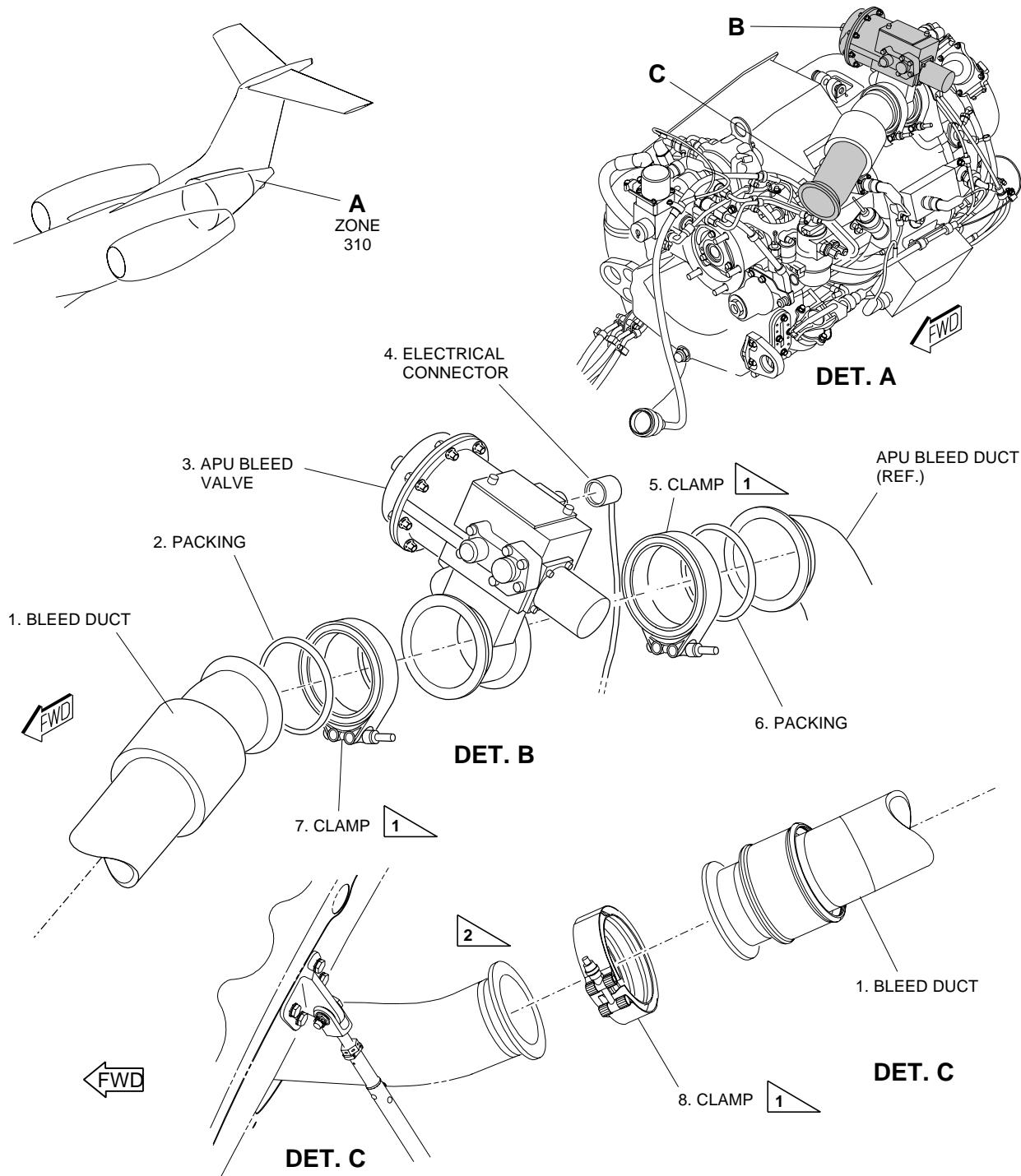
- (1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
 - APU BLEED VALVE (Location tip: ESSENTIAL DC BUS 1 / APU BLEED VALVE).
 - APU CONTROL (Location tip: ESSENTIAL DC BUS2 / APU / CONTROL).
 - APU FUEL SOV (Location tip: ESSENTIAL DC BUS2 / APU / FUEL SOV).
- (2) Remove the APU cowling ([AMM TASK 49-11-00-000-801-A/400](#)) or ([AMM TASK 49-15-00-000-801-A/400](#)).

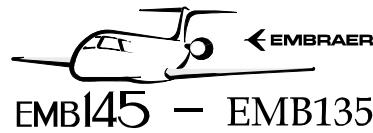
J. Removal (Figure 401)

SUBTASK 020-002-A

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

- (1) Disconnect the electrical connector (4).
- (2) Loosen the clamps (7) and (5).
- (3) **NOTE:** If necessary, loosen the clamp (8) of the duct (1) to remove the APU bleed valve (3).
Remove the APU bleed valve (3).
- (4) Remove and discard the packing (2) and (6).
- (5) Remove the clamps (7) and (5).
- (6) Install protective plastic plugs to the bleed duct (1) and APU bleed duct (REF.).

EFFECTIVITY: FOR AIRCRAFT WITH APU T-62T-40C14
APU Bleed Valve - Removal/Installation
Figure 401

EM145AMM360315B.DGN



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TASK 36-12-03-400-801-A

EFFECTIVITY: FOR AIRCRAFT PRE-MOD. S.B. 145-49-0031

3. APU BLEED VALVE - INSTALLATION

A. General

- (1) This task gives the procedure to install the APU bleed valve (this instructions is given in the latest revision of Hamilton Sundstrand engine manual T-62T-40C14-1 (P/N 4504112), 49-50-02.).

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM TASK 49-11-00-400-801-A/400	APU COWLING - INSTALLATION
AMM TASK 49-13-00-910-802-A/200	APU - START
AMM TASK 49-13-00-910-803-A/200	APU - SHUTDOWN
AMM TASK 49-15-00-400-801-A/400	APU COWLING - INSTALLATION
IPC 36-12-01	APU BLEED VALVE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313	APU

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench, range: 0 - 8.47 N.m (0 - 75 lb.in)	To apply torque on the nuts of the clamps	

E. Auxiliary Items

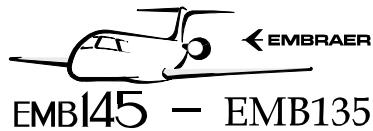
ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the APU work area	1

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Packing (1)	IPC 36-12-01	2



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H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	APU work area

I. Installation (Figure 401)

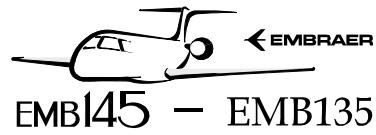
SUBTASK 420-002-A

- (1) Remove the protective plastic plugs from the duct (1) and APU bleed duct (REF.).
- (2) Put the new packing (6) and (2) on the APU Bleed Valve (3).
- (3) Put the clamps (7) and (5) on the APU bleed valve (3).
- (4) Put the APU bleed valve (3) in position, with the arrow in the bleed-air-flow direction.
- (5) Tighten the clamps (7) and (5) and apply the torque shown in (Figure 401).
NOTE: If applicable, install and tighten on the clamp (8) apply the torque shown in (Figure 401).
- (6) Connect the electrical connector (4).

J. Follow-on

SUBTASK 842-002-A

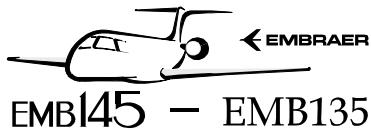
- (1) Remove the DO-NOT-CLOSE tags and close these circuit breakers.
 - APU BLEED VALVE (Location tip: ESSENTIAL DC BUS 1 / APU BLEED VALVE).
 - APU CONTROL (Location tip: ESSENTIAL DC BUS2 / APU / CONTROL).
 - APU FUEL SOV (Location tip: ESSENTIAL DC BUS2 / APU / FUEL SOV).
- (2) Do an operational test of the APU bleed valve as follows:
 - (a) Start the APU ([AMM TASK 49-13-00-910-802-A/200](#)).
 - (b) On the air conditioning/pneumatic control panel, push the APU-bleed valve pushbutton.
Result:
 - 1 On the pushbutton, the striped bar comes on.
 - 2 On the pushbutton, the legend OPEN comes on.
NOTE: To open the APU bleed valve, it is necessary that the APU be at more than 95% RPM and the engine bleed valves are closed.
 - (c) Make sure that there is no leakage at the connections between the ducts (1) and APU bleed duct (REF.) to the APU bleed valve (3).
 - (d) On the air conditioning/pneumatic control panel, release the APU bleed valve pushbutton.
Result:
 - 1 On the pushbutton, the striped bar goes off.



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- 2 On the pushbutton, the legend OPEN goes off.
- (e) Shut the APU down ([AMM TASK 49-13-00-910-803-A/200](#)).
- (3) Install the APU cowling ([AMM TASK 49-11-00-400-801-A/400](#)) or ([AMM TASK 49-15-00-400-801-A/400](#)).
- (4) Close access panel 313CL (AMM MPP 06-42-00/100).
- (5) Remove the workstand from the aircraft work area.



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TASK 36-12-03-000-802-A

EFFECTIVITY: FOR AIRCRAFT WITH APU 145-54858 SERIES COWLING - ACFT POST-MOD. S.B.
145-49-0031

4. APU BLEED VALVE - REMOVAL

A. General

- (1) This task gives the procedure to remove the APU bleed valve (this instructions given in the latest revision of Hamilton Sundstrand engine manual T-62T-40C14-1 (P/N 4504112), 49-50-02.).

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM TASK 49-15-00-000-801-A/400	APU COWLING - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313CL	APU

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the APU work area	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Commercially available	protective plastic plug	2

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	APU work area

I. Preparation

SUBTASK 841-003-A

WARNING: MAKE SURE THAT THE APU CONTROL MASTER SWITCH IS IN THE "OFF" POSITION TO PREVENT AN APU ACCIDENTAL OPERATION.

- (1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
 - APU BLEED VALVE (Location tip: ESSENTIAL DC BUS 1 / APU BLEED VALVE).
 - APU CONTROL (Location tip: ESSENTIAL DC BUS2 / APU / CONTROL).
 - APU FUEL SOV (Location tip: ESSENTIAL DC BUS2 / APU / FUEL SOV).
- (2) Put the workstand to get access to the APU work area.
- (3) Remove the APU cowling ([AMM TASK 49-15-00-000-801-A/400](#)).
- (4) Open access panel 313CL (AMM MPP 06-42-00/100).

J. Removal ([Figure 402](#))

SUBTASK 020-003-A

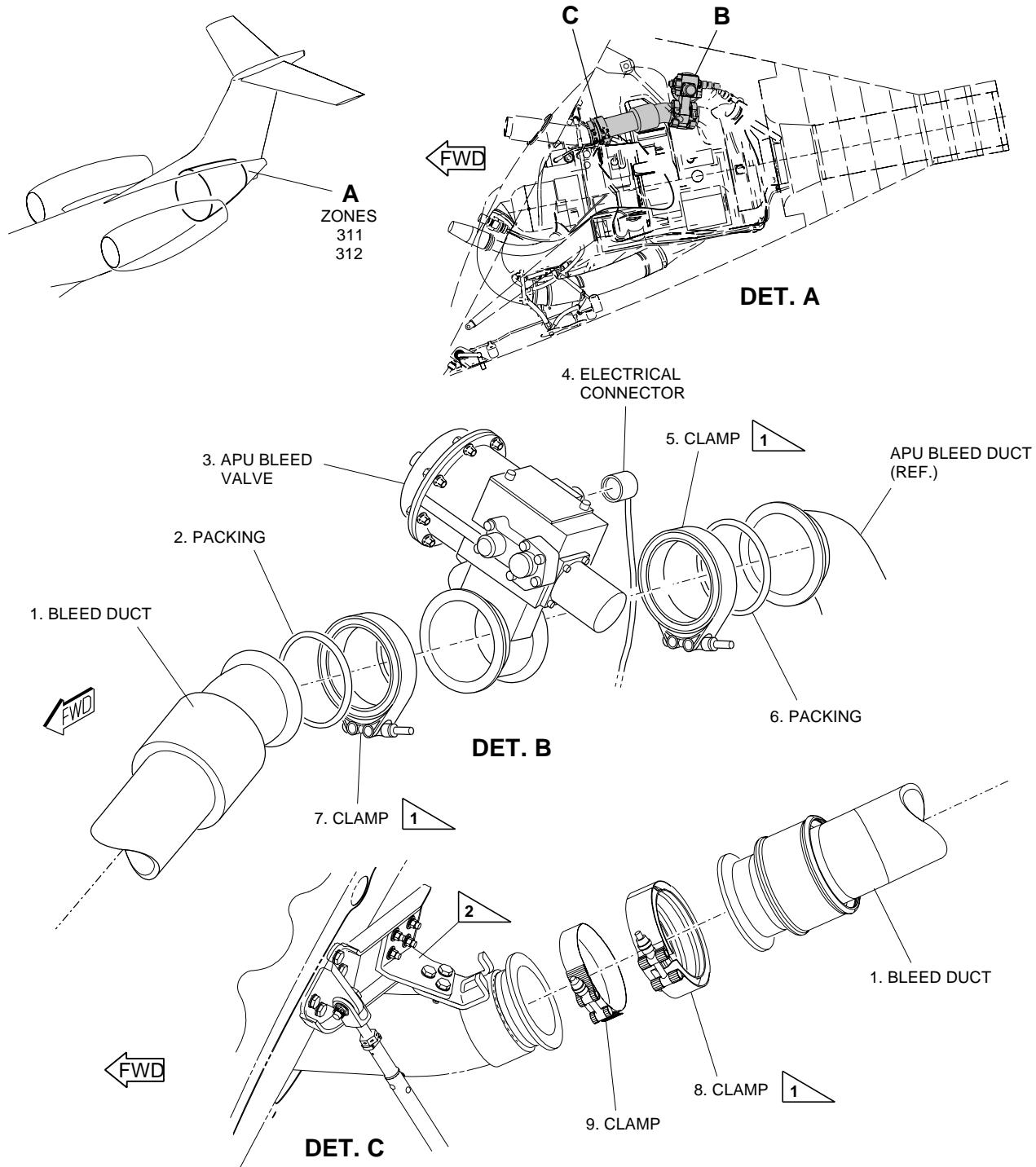
WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE APU STOPS BECAUSE OF THE HIGH BLEED AIR TEMPERATURE.

- (1) Disconnect the electrical connector (4).
- (2) Loosen the clamps (7) and (5).
- (3) **NOTE:** If necessary, loosen the clamp (9) and (8) of the bleed duct (1) to remove the APU bleed valve (3).
Remove the APU bleed valve (3).
- (4) Remove and discard the packing (2) and (6).
- (5) Remove the clamps (7) and (5).
- (6) Install protective plastic plugs to the bleed duct (1) and APU bleed duct (REF.).

EFFECTIVITY: FOR AIRCRAFT WITH APU T-62T-40C14

APU Bleed Valve - Removal/Installation

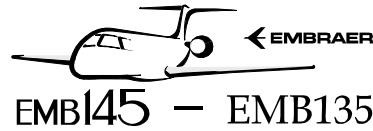
Figure 402



1 TORQUE: 4.5 – 5.7 N.m (40 – 50 lb.in)
REFER TO TASK 20-10-10-910-801 – A FOR CORRECT INSTALLATION OF V-CLAMP.

2 A/C POST-MOD SB 145-49-0031.

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TASK 36-12-03-400-802-A

EFFECTIVITY: FOR AIRCRAFT WITH APU 145-54858 SERIES COWLING - ACFT POST-MOD. S.B.
145-49-0031

5. APU BLEED VALVE - INSTALLATION

A. General

(1) This task gives the procedure to install the APU bleed valve.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM TASK 49-13-00-910-802-A/200	APU - START
AMM TASK 49-13-00-910-803-A/200	APU - SHUTDOWN
AMM TASK 49-15-00-400-801-A/400	APU COWLING - INSTALLATION
IPC 36-12-01	APU BLEED VALVE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313CL	APU

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench, range: 0 - 8.47 N.m (0 - 75 lb.in)	To apply torque on the nuts of the clamps	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the APU work area	1

F. Consumable Materials

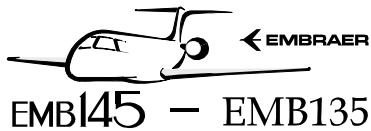
Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Packing	IPC 36-12-01	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	APU work area



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I. Installation (Figure 402)

SUBTASK 420-003-A

- (1) Remove the protective plastic plugs from the duct (1) and APU bleed duct (REF.).
- (2) **NOTE:** Loosen the bolts of the bracket, it will permit the correct alignment and free assembly of all components.

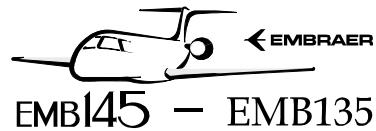
For the APU Bleed Valve installation, do as follows:

- (a) First, install the clamps (9) and (8) between the bleed duct (1) and bleed line duct. Then apply the torque shown in (Figure 402).
 - (b) Put the new packing (2) and (6) on the APU bleed valve (3).
 - (c) Put the APU bleed valve (3) in position, with the arrow in the bleed-air-flow direction.
 - (d) Put the clamps (7) and (5) on the APU bleed valve (3) and install between APU bleed Duct (REF.) and Bleed duct (1). Then apply the torque shown in (Figure 402).
 - (e) Then, align the bracket and bolts in correct position.
 - (f) It will permit the correct alignment along the APU-bleed line system.
- (3) Connect the electrical connector (4).

J. Follow-on

SUBTASK 842-003-A

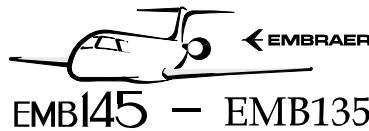
- (1) Remove the DO-NOT-CLOSE tags and close these circuit breakers.
 - APU BLEED VALVE (Location tip: ESSENTIAL DC BUS 1 / APU BLEED VALVE).
 - APU CONTROL (Location tip: ESSENTIAL DC BUS2 / APU / CONTROL).
 - APU FUEL SOV (Location tip: ESSENTIAL DC BUS2 / APU / FUEL SOV).
- (2) Do an operational test of the APU bleed valve as follows:
 - (a) Start the APU ([AMM TASK 49-13-00-910-802-A/200](#)).
 - (b) On the air conditioning/pneumatic control panel, push the APU-bleed valve pushbutton.
Result:
 - 1 On the pushbutton, the striped bar comes on.
 - 2 On the pushbutton, the legend OPEN comes on.
- (c) Make sure that there is no leakage at the connections between the ducts (1) and APU bleed duct (REF.) to the APU bleed valve (3).
NOTE: To open the APU bleed valve, it is necessary that the APU be at more than 95% RPM and the engine bleed valves are closed.



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- (d) On the air conditioning/pneumatic control panel, release the APU bleed valve pushbutton.
Result:
 - 1 On the pushbutton, the striped bar goes off.
 - 2 On the pushbutton, the legend OPEN goes off.
- (e) Shut the APU down ([AMM TASK 49-13-00-910-803-A/200](#)).
- (3) Install the APU cowling ([AMM TASK 49-15-00-400-801-A/400](#)).
- (4) Close access panel 313CL (AMM MPP 06-42-00/100).
- (5) Remove the workstand from the aircraft work area.



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TASK 36-12-03-000-803-A

EFFECTIVITY: FOR AIRCRAFT WITH APU 145-54858 SERIES COWLING.

6. APU-BLEED VALVE FILTER - REMOVAL

A. General

(1) This task gives the procedure to remove the APU-bleed valve filter.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
IPC 36-12-01	APU BLEED VALVE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313CL	APU

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the APU work area	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Commercially available	Protective Cover	1

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	IPC 36-12-01	2

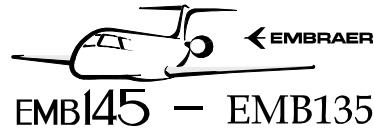
H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	APU work area

I. Preparation

SUBTASK 841-013-A

WARNING: MAKE SURE THAT THE APU CONTROL MASTER SWITCH IS IN THE "OFF" POSITION TO PREVENT AN APU ACCIDENTAL OPERATION.



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- (1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
 - APU BLEED VALVE (Location tip: ESSENTIAL DC BUS 1 / APU BLEED VALVE).
 - APU CONTROL (Location tip: ESSENTIAL DC BUS2 / APU / CONTROL).
 - APU FUEL SOV (Location tip: ESSENTIAL DC BUS2 / APU / FUEL SOV).
- (2) Put the workstand to get access to the APU work area.
- (3) Open access panel 313CL (AMM MPP 06-42-00/100).

J. Removal ([Figure 403](#))

SUBTASK 020-011-A

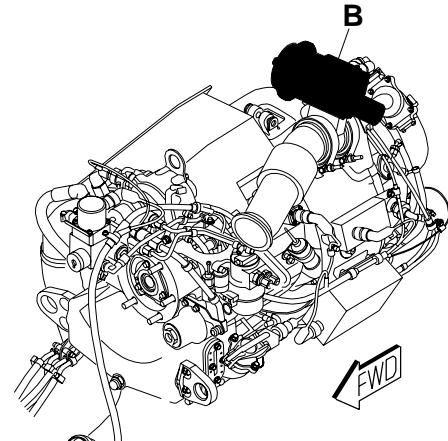
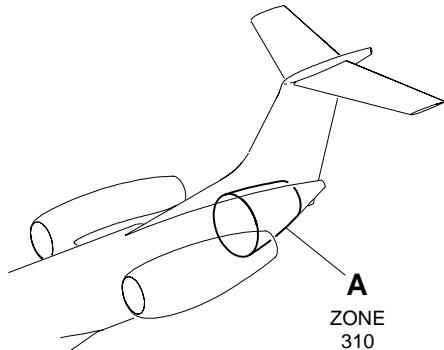
WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE APU STOPS BECAUSE OF THE HIGH BLEED AIR TEMPERATURE.

- (1) Remove the plug (5), packing (4), spring (3), filter (2), and packing (1) from the bleed air valve.
- (2) Discard the packing (1) and (4).
- (3) Examine the filter (2) for contamination and do a cleaning, as applicable.
- (4) Install the protective cover to the housing of the plug (5).

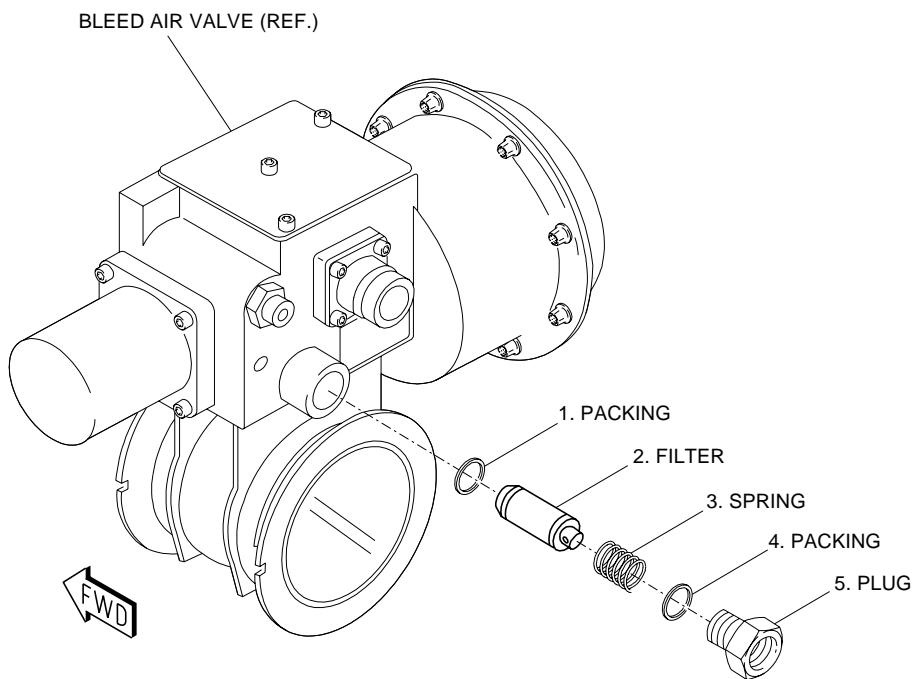
EFFECTIVITY: FOR AIRCRAFT WITH APU 145-54858 SERIES COWLING.

APU-Bleed Valve Filter - Removal/Installation

Figure 403



DET. A



DET. B

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TASK 36-12-03-400-803-A

EFFECTIVITY: FOR AIRCRAFT WITH APU 145-54858 SERIES COWLING.

7. APU-BLEED VALVE FILTER - INSTALLATION

A. General

(1) This task gives the procedures to install the APU-bleed valve filter.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM TASK 49-13-00-910-802-A/200	APU - START
AMM TASK 49-13-00-910-803-A/200	APU - SHUTDOWN
IPC 36-12-01	APU BLEED VALVE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313CL	APU

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

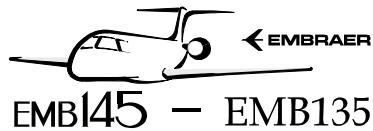
ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the APU work area	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
A-A-59173	Molykote DC-33	AR
MIL-S-46163, grade N	Loctite 241	AR
MIL-S-46163, grade T	Loctite 7407	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Packing (1)	IPC 36-12-01	1
Packing (4)	IPC 36-12-01	1



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H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	APU work area

I. Installation (Figure 403)

SUBTASK 420-011-A

- (1) Remove the protective cover from the APU bleed valve.
- (2) Lubricate the packing (1) and (4) with Molykote DC-33.
- (3) Install the packing (4) in the groove of the plug (5).

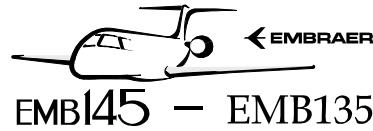
WARNING: CORRECTLY USE ANAEROBIC ADHESIVE MIL-S-46163, GRADE N, AND THE ACTIVATOR ADHESIVE MIL-S-46163, GRADE T. THEY ARE FLAMMABLE AND A MILD POISON. THEY CAN HAVE A BAD EFFECT ON YOUR HEALTH OR SAFETY. BEFORE YOU USE THEM, GET THE MATERIAL SAFETY DATA SHEET (MSDS) FROM THE MANUFACTURER OR SUPPLIER OF THE MATERIAL AND READ IT CAREFULLY, READ THE DETAILED WARNING IN THE WARNING REGISTRY. BEFORE YOU USE THE PRODUCTS, PUT ON CHEMICAL-SPASH GOGGLES AND SOLVENT-RESISTANT GLOVES (BUTYL-RUBBER). MAKE SURE THAT YOU HAVE SUFFICIENT AIRFLOW TO KEEP THE FUMES BELOW THE MSDS LIMIT.

- (4) Apply the activator adhesive (Loctite 7407) and anaerobic adhesive (Loctite 241) to the threads of the plug (5).
- (5) Install the packing (1), filter (2), spring (3), and plug (5) in the actuator housing assembly of the APU bleed valve.
- (6) Torque the plug (5) to 80 lbf-in (9.0 N·m).

J. Follow-on

SUBTASK 842-015-A

- (1) On the circuit breaker panel, remove the DO-NOT-CLOSE tags and close these circuit breakers:
 - APU BLEED VALVE (Location tip: ESSENTIAL DC BUS 1 / APU BLEED VALVE).
 - APU CONTROL (Location tip: ESSENTIAL DC BUS2 / APU / CONTROL).
 - APU FUEL SOV (Location tip: ESSENTIAL DC BUS2 / APU / FUEL SOV).
- (2) Start the APU [AMM TASK 49-13-00-910-802-A/200](#).
- (3) Examine the plug (5) for leakage.
- (4) Shut the APU down ([AMM TASK 49-13-00-910-803-A/200](#)).
- (5) Close access panel 313CL (AMM MPP 06-42-00/100).
- (6) Remove the workstand from the aircraft work area.



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TASK 36-12-03-040-801-A

EFFECTIVITY: FOR AIRCRAFT WITH APU T-62T-40C14

8. APU BLEED VALVE - DEACTIVATION

A. General

- (1) This task gives the procedure to deactivate the Servo-Controlled Bleed Air Valve.
- (a) It is permitted to dispatch the aircraft with APU bleed valve inoperative if:
- the valve is closed;
 - the APU bleed is not used.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM MPP 49-00-00/200	- MAINTENANCE PRACTICES

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313	APU

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
	Workstand	To get access to the APU work area	1
	Flashlight	To illuminate the position indicate of the APU bleed valve	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	APU work area

I. Preparation

SUBTASK 841-005-A

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN (AMM MPP 49-00-00/200) TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.

- (1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag from it:
 - APU BLEED VALVE (Location tip: ESSENTIAL DC BUS 1 / APU BLEED VALVE).
 - APU CONTROL (Location tip: ESSENTIAL DC BUS2 / APU / CONTROL).
 - APU FUEL SOV (Location tip: ESSENTIAL DC BUS2 / APU / FUEL SOV).
- (2) Put the workstand below the aircraft tail cone.
- (3) Open APU-cowling access panel 313CL (AMM MPP 06-42-00/100).

J. APU Bleed Valve - Deactivation Procedure (Figure 401)

SUBTASK 040-002-A

- (1) Do a check on the APU bleed valve position indicator:
 - (a) With the aid of a flashlight and a mirror, make sure that the position indicator on the bleed valve shows that the valve is closed.
- (2) Close APU-cowling access panel 313CL (AMM MPP 06-42-00/100).
- (3) Remove the workstand below the aircraft tail cone.

K. Follow-on

SUBTASK 842-005-A

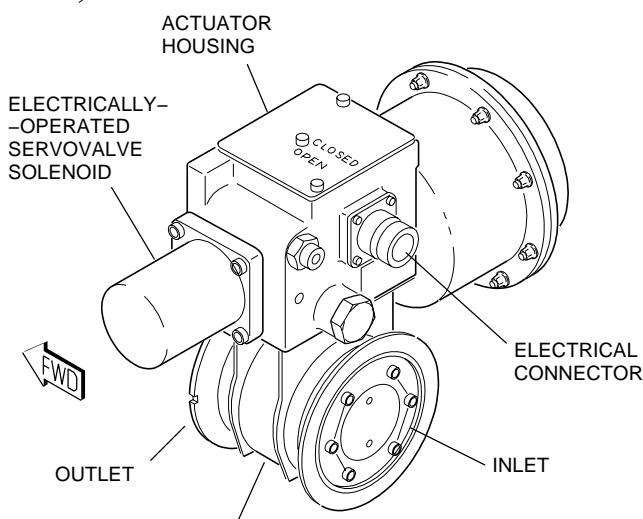
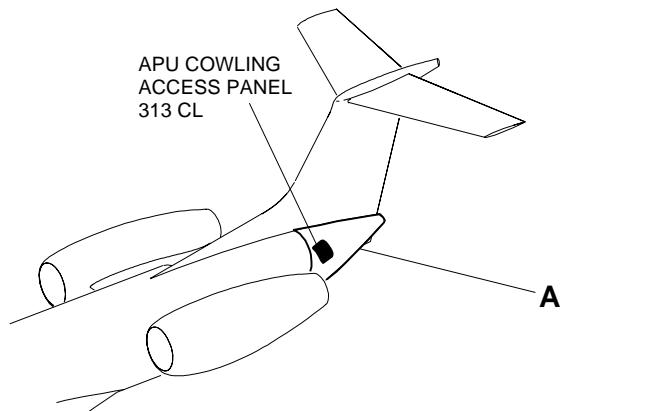
WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN (AMM MPP 49-00-00/200) TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.

- (1) On the circuit breaker panel, close these circuit breakers and attach a DO-NOT-CLOSE tag to it:
 - APU CONTROL (Location tip: ESSENTIAL DC BUS2 / APU / CONTROL).
 - APU FUEL SOV (Location tip: ESSENTIAL DC BUS2 / APU / FUEL SOV).

EFFECTIVITY: FOR AIRCRAFT WITH APU T-62T-40C14

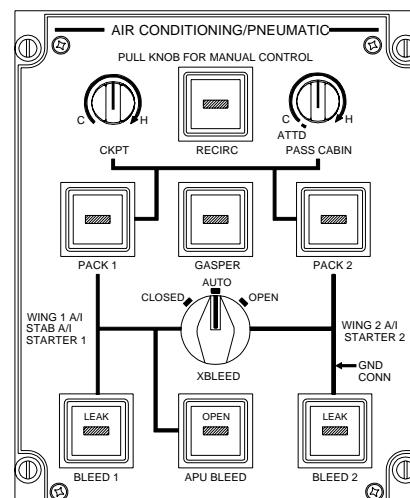
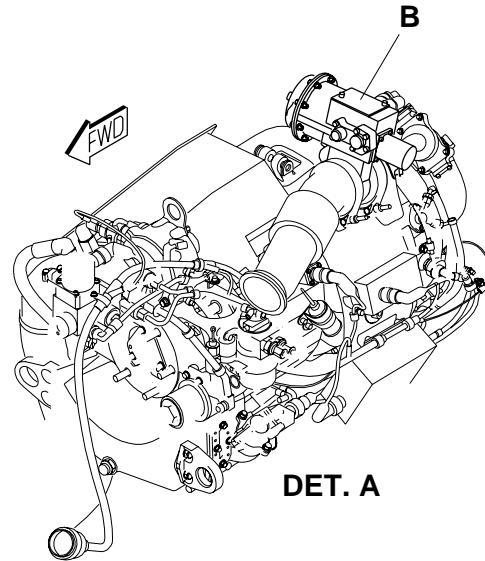
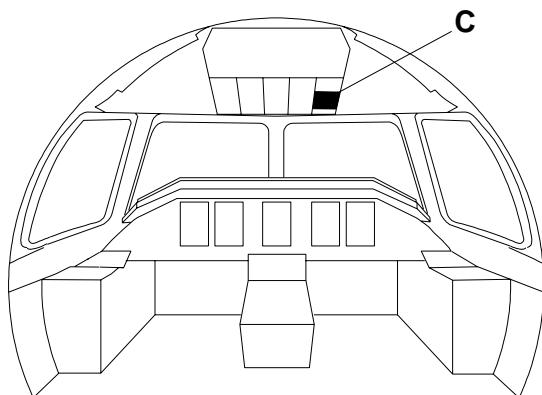
APU Bleed Valve - Deactivation

Figure 404



DET. B

SERVO-CONTROLLED BLEED AIR VALVE



DET. C

EM145AMM360475A.DGN

TASK 36-12-03-440-801-A
EFFECTIVITY: FOR AIRCRAFT WITH APU T-62T-40C14
9. APU BLEED VALVE - REACTIVATION
A. General

- (1) This task gives the instructions to reactivate the APU Bleed Valve.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-42-00/100	-
AMM MPP 49-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 49-13-00-910-802-A/200	APU - START
AMM TASK 49-13-00-910-803-A/200	APU - SHUTDOWN

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
313	313	APU

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
	Workstand	To get access to the APU work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	APU work area

I. Preparation
SUBTASK 841-006-A

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN ([AMM MPP 49-00-00/200](#)) TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.

- (1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag from it:



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- APU CONTROL (Location tip: ESSENTIAL DC BUS2 / APU / CONTROL).
- APU FUEL SOV (Location tip: ESSENTIAL DC BUS2 / APU / FUEL SOV).

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN (AMM MPP 49-00-00/200) TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.

- (2) On the circuit breaker panel, close this circuit breaker and attach a DO-NOT-CLOSE tag from it:
 - APU BLEED VALVE (Location tip: ESSENTIAL DC BUS 1 / APU BLEED VALVE).
 - (3) Put the workstand below the aircraft tail cone.
 - (4) Open APU-cowling access panel 313CL (AMM MPP 06-42-00/100).
- J. APU Bleed Valve - Reactivation Procedure (Figure 401)
- SUBTASK 440-002-A**
- (1) Do a check on the APU bleed valve position indicator:
 - (a) With the aid of a flashlight and a mirror, make sure that the position indicator on the bleed valve shows that the valve is open.
 - (2) Close APU cowling access panel 313CL (AMM MPP 06-42-00/100).
 - (3) Remove the workstand below the aircraft tail cone.
 - (4) Do the check procedures for the APU on-the-ground starting/shutdown ([AMM TASK 49-13-00-910-802-A/200](#)) and ([AMM TASK 49-13-00-910-803-A/200](#)).

- K. Follow-on

SUBTASK 842-006-A

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN (AMM MPP 49-00-00/200) TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.

- (1) On the circuit breaker panel, close these circuit breakers and attach a DO-NOT-CLOSE tag to it:
 - APU CONTROL (Location tip: ESSENTIAL DC BUS2 / APU / CONTROL).
 - APU FUEL SOV (Location tip: ESSENTIAL DC BUS2 / APU / FUEL SOV).

