



AIRCRAFT MAINTENANCE MANUAL

ANTI SURGE VALVE - REMOVAL/INSTALLATION

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

1. General

- A. This section gives the procedures to remove/install the anti surge 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
49-55-01-000-801-A	ANTI SURGE VALVE - REMOVAL	AIRCRAFT WITH APU T-62T-40C14
49-55-01-400-801-A	ANTI SURGE VALVE - INSTALLATION	AIRCRAFT WITH APU T-62T-40C14



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 49-55-01-000-801-A

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

2. ANTI SURGE VALVE - REMOVAL

A. General

- (1) To do this task, refer to the instructions given in the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-50-01.

B. References

REFERENCE	DESIGNATION
AMM TASK 53-32-00-000-801-A/400	TAIL CONE - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
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

Not Applicable

G. Expandable Parts

Not Applicable

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 FUEL SOV.
- (2) On the left power control and distribution box, open the APU GEN START circuit breaker and attach DO-NOT-CLOSE tag to it.



AIRCRAFT MAINTENANCE MANUAL

(3) Remove the tail cone ([AMM TASK 53-32-00-000-801-A/400](#)), if applicable.

(4) Put a container or drip pan under the APU to collect spilled fuel.

J. Removal

SUBTASK 020-002-A

(1) Remove the APU anti surge valve. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-50-01.

TASK 49-55-01-400-801-A
EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14
3. ANTI SURGE VALVE - INSTALLATION
A. General

- (1) To do this task, refer to the instructions given in the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-50-01.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 53-32-00-400-801-A/400	TAIL CONE - INSTALLATION

C. Zones and Accesses

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

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	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. Installation
SUBTASK 420-002-A

- (1) Install the APU anti surge valve. Refer to the latest revision of Hamilton Sundstrand engine manual T-62T-40C14 (P/N 4504112), 49-50-01.

J. Follow-on
SUBTASK 842-002-A
EFFECTIVITY: AIRCRAFT WITH APU 500R

- (1) Remove the DO-NOT-CLOSE tags and close these circuit breakers.



AIRCRAFT MAINTENANCE MANUAL

- APU FUEL SOV.
- (2) On the left power control and distribution box, remove the DO-NOT-CLOSE tag and close the APU GEN START circuit breaker.
- (3) Install the tail cone ([AMM TASK 53-32-00-400-801-A/400](#)), if applicable.

