

## 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

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
<a href="#">AMM TASK 53-32-00-000-801-A/400</a>	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.

- (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

REFERENCE	DESIGNATION
<a href="#">AMM TASK 53-32-00-400-801-A/400</a>	TAIL CONE - INSTALLATION

#### 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. 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.

– 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.

