

WINDSHIELD ANTI-ICE - INSPECTION/CHECK**1. General**

- A. This section has the inspections and checks necessary to keep the windshield anti-ice system in a serviceable condition.

TASK 30-40-00-710**2. Windshield Anti-Ice System Operational Check**

A. General

- (1) This task gives the procedures to do an operational check of the windshield anti-ice system (non TKS airplanes).

B. Tools and Equipment

- (1) None

C. Access

- (1) None

D. Do the Windshield Anti-Ice System Operational Check.

- (1) For Airplanes 20800001 thru 20800381 and 208B0001 thru 208B1087, and incorporating SK208-113

- (a) Put the battery switch to the ON position.
- (b) Put the windshield anti-ice switch to the AUTO position for one minute.
- (c) Make sure that the anti-ice panel temperature increases.

NOTE: The anti-ice panel will feel warm to the touch.

- (d) Put the battery switch to the OFF position.
- (e) Put the windshield anti-ice switches to the OFF position.

- (2) For Airplanes 20800382 and On and 208B1088 and On and incorporating SK208-146

- (a) Put the battery switch to the ON position.
- (b) Put the ammeter selector switch to the BATT position.
- (c) Make sure that the W/S ANTI-ICE PRI, W/S ANTI-ICE SEC and W/S ANTI-ICE CONT circuit breakers are engaged.

NOTE: Each time you move a switch as follows, there will be a change in the ammeter indication and illumination of the WINDSHIELD ANTI-ICE annunciator. If you do not see a change when you move the switch(es), then record the difference and continue the test.

- (d) Put the W/S PRIMARY switch to the AUTO position, then record the time.
- (e) Put the W/S SECONDARY switch to the AUTO position.
- (f) Make sure that the WINDSHIELD ANTI-ICE annunciator goes off in less than 120 seconds from the time that you put the W/S PRIMARY switch to the AUTO position.
- (g) If you do not see a change in the ammeter indication when you move the switch(es), then record the difference and continue the test.
- (h) Momentarily put the W/S PRIMARY switch to the MANUAL position.
- (i) Momentarily put the W/S SECONDARY switch to the MANUAL position.
- (j) Put the BATTERY switch to the OFF position.

E. Restore Access

- (1) None

END OF TASK