



AIRCRAFT MAINTENANCE MANUAL

WINDSHIELD TEMPERATURE CONTROLLER - INSPECTION/CHECK

EFFECTIVITY: POST-MOD. S.B. 145-30-0033

1. General

- A. This section gives the procedures to do a visual inspection on the LEDs installed on the windshield temperature controller.
- 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
30-42-01-200-801-A	WINDSHIELD TEMPERATURE CONTROLLER - GENERAL VISUAL INSPECTION	POST-MOD. S.B. 145-30-0033



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TASK 30-42-01-200-801-A

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2. WINDSHIELD TEMPERATURE CONTROLLER - GENERAL VISUAL INSPECTION

A. General

- (1) The function of this check is to know the condition of the windshield temperature controller LEDs.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 28-41-00-200-801-A/600	-
AMM TASK 53-01-01-000-801-A/400	COCKPIT FLOOR PANELS - REMOVAL
AMM TASK 53-01-01-400-801-A/400	COCKPIT FLOOR PANELS - INSTALLATION
FIM TASK 30-42-00-810-801-A	-
FIM TASK 30-42-00-810-802-A	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
221	221CF	Cockpit floor, LH side
222	222BF	Cockpit floor, RH side

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit floor, RH or LH side

I. Preparation

SUBTASK 841-002-A

- (1) Remove panel 221CF to get access to windshield temperature controller 1 and panel 222BF to get access to windshield temperature controller 2 (AMM MPP 06-41-02/100) ([AMM TASK 53-01-01-000-801-A/400](#)).
- (2) On the overhead Circuit Breaker Panel, make sure that these circuit breakers are closed:
 - WSHLD TEMP 1 (Location tip: DC BUS 1/ICE AND RAIN PROTECTION/ WSHLD TEMP 1).
 - WSHLD TEMP 2 (Location tip: SHED DC BUS 2/ WSHLD TEMP 2).
- (3) Energize the aircraft with the External DC-Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).

J. Inspect (General Visual) Windshield Temperature Controller ([Figure 601](#))

SUBTASK 212-002-A

- (1) Do an inspection on windshield temperature controller 1 as follows:
 - (a) Set the WINDSHIELD 1 heating pushbutton, on the overhead panel, to ON.
 - (b) On windshield temperature controller 1, look at LEDs A, B, C, and D.
Result:
 - 1 LEDs A, B, C, and D must be off.

NOTE: If one of the windshield temperature controller LEDs is on, refer to FIM TASK 30-42-00-810-801-A.
 - (c) Set the WINDSHIELD 1 heating pushbutton, on the overhead panel, to OFF.
- (2) Do an inspection on windshield temperature controller 2 as follows:
 - (a) Set the WINDSHIELD 2 heating pushbutton, on the overhead panel, to ON.
 - (b) On windshield temperature controller 2, look at LEDs A, B, C, and D.
Result:
 - 1 LEDs A, B, C, and D must be off.

NOTE: If one of the windshield temperature controller LEDs is on, refer to FIM TASK 30-42-00-810-802-A.
 - (c) Set the WINDSHIELD 2 heating pushbutton, on the overhead panel, to OFF.

K. Follow-on

SUBTASK 842-002-A

- (1) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

NOTE: The inspection of fuel quantity indication harness is part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Aircraft Maintenance Program.



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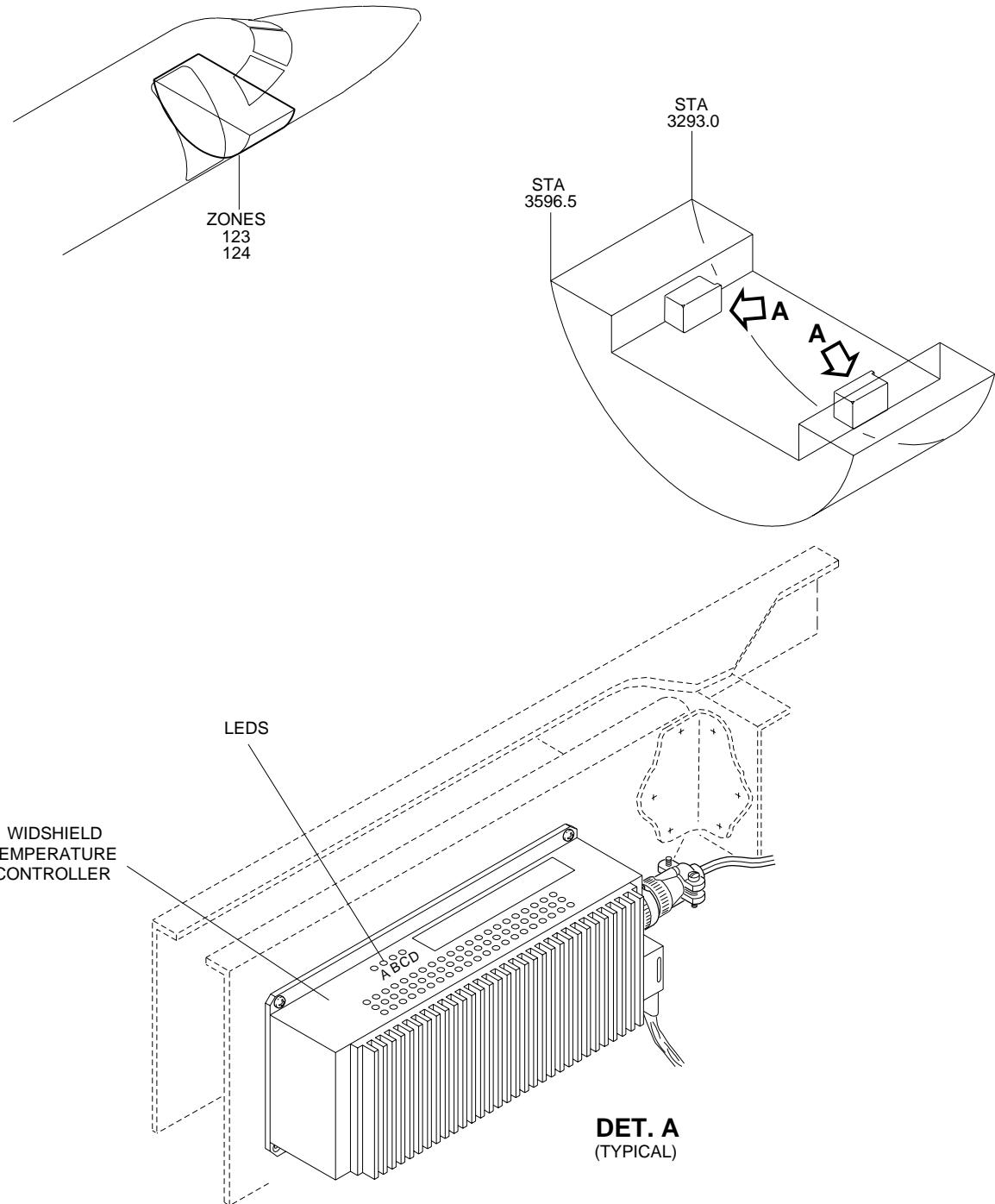
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- (2) Install access panel 221CF for windshield temperature controller 1 and access panel 222BF for windshield temperature controller 2 (AMM MPP 06-41-02/100) ([AMM TASK 53-01-01-400-801-A/400](#)).
- (3) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

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Windshield Temperature Controller - Inspection/Check

Figure 601



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