

## THROTTLE QUADRANT LED PANEL - REMOVAL/INSTALLATION

### 1. General

- A. This section provides removal and installation instructions for the Throttle Quadrant LED Panel and the LED light above the Firewall Shutoff control knob. For more data concerning the flight compartment LED lights refer to LED Flight Compartment Lighting - Description and Operation.

### 2. Throttle Quadrant LED Panel Removal/Installation

- A. Remove the Throttle Quadrant LED Panel (UC019) (Refer to Figure 401).

**CAUTION: Be careful when you hold the LED panel. If you are not careful, damage to the panel can occur.**

- (1) Remove external electrical power from the airplane.
- (2) Make sure that the BATTERY switch (SC005), found on the circuit breaker switch panel, is set to the OFF position.
- (3) Make sure that the EXTERNAL POWER switch (SC006), found on the circuit breaker switch panel, is set to the OFF position.
- (4) Disengage the AVN/LED/STBY LIGHTS circuit breaker, found on the left circuit breaker panel.
- (5) Remove screw that attaches the emergency power control knob to the lever.
  - (a) Remove the knob from the lever.
- (6) Remove screw that attaches the propeller speed control knob to the lever.
  - (a) Remove the knob from the lever.
- (7) Remove screw that attaches the fuel condition knob to the lever.
  - (a) Remove the knob from the lever.
- (8) Remove screw that attaches the flap control knob to the lever.
  - (a) Turn the knob clockwise.
  - (b) Remove the knob from the lever.
- (9) Remove the quadrant cover from the pedestal by removing the screw and washer.
- (10) Carefully move the LED panel a sufficient distance from the throttle quadrant assembly to get access to the LED panel electrical connector (PC088).
  - (a) Disconnect the LED panel electrical connector from the pedestal led panel electrical connector.
- (11) Remove the Throttle Quadrant LED panel from the airplane.

- B. Install the Throttle Quadrant LED Panel (UC019) (Refer to Figure 401).

**CAUTION: Be careful when you hold the LED panel. If you are not careful, damage to the panel can occur.**

- (1) Put the LED panel sufficiently near its correct position on the throttle quadrant assembly to get access to the pedestal wire harness LED electrical connector.
  - (a) Connect the LED panel electrical connector (PC088) to the pedestal LED panel electrical connector.
- (2) Put the LED panel in its correct position on the throttle quadrant.
  - (a) Install the screws that attach the LED panel to the throttle quadrant.
- (3) Install the emergency power control knob.
  - (a) Put the knob in its correct position on the lever.
  - (b) Install screw that attaches the knob to the lever.
- (4) Install the propeller speed control knob.
  - (a) Put the knob in its correct position on the lever.
  - (b) Install screw that attaches the knob to the lever.
- (5) Install the fuel condition knob.
  - (a) Put the knob in its correct position on the lever.
  - (b) Install screw that attaches the knob to the lever.
- (6) Install the flap control knob.
  - (a) Put the knob in its correct position on the lever.

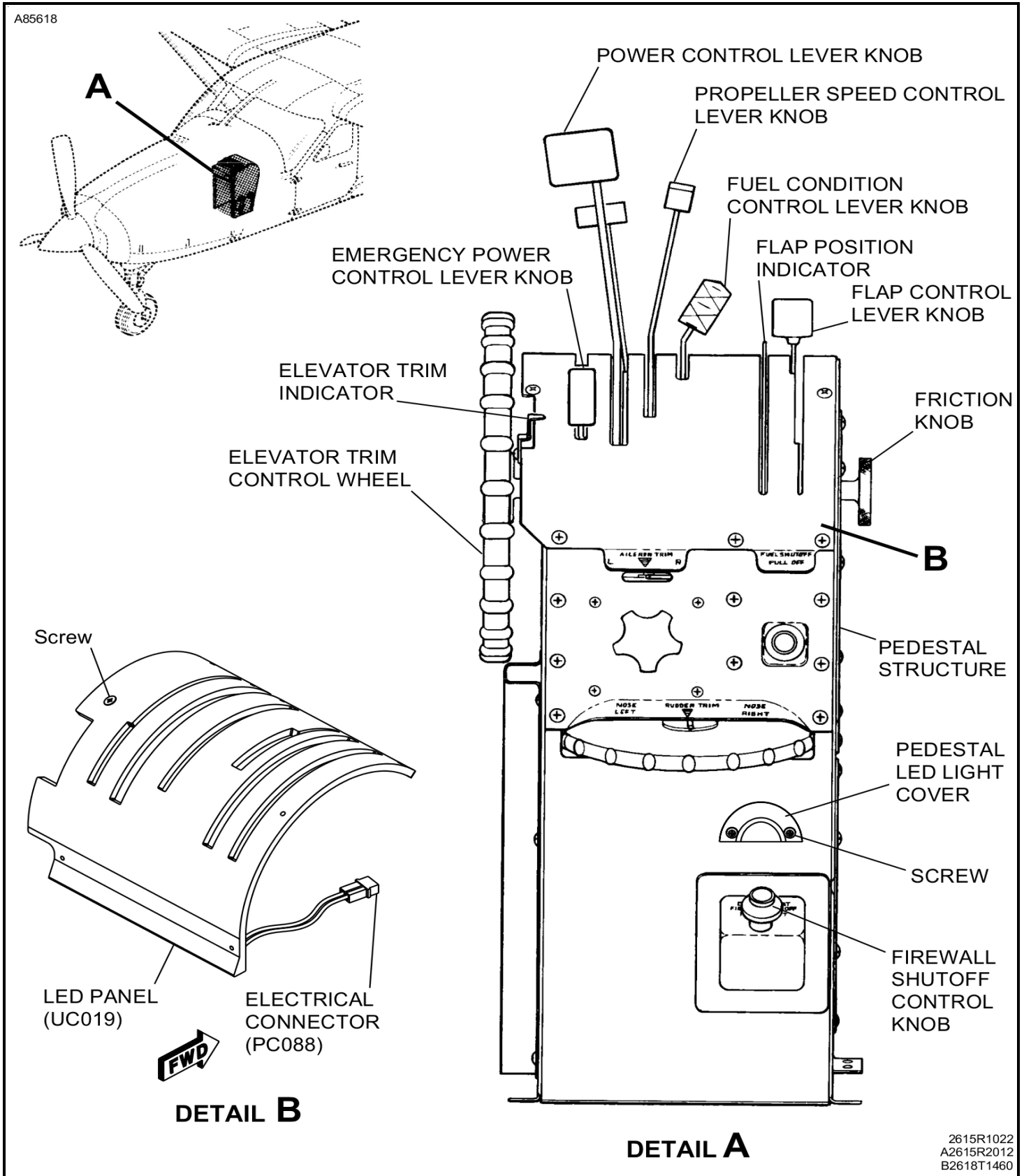
- (b) Turn the knob counterclockwise.
- (c) Install screw that attaches the knob to the lever.
- (7) Engage the AVN/LED/STBY LIGHTS circuit breaker.
- (8) Do a check of the Throttle Quadrant LED Panel. Refer to LED Flight Compartment Lighting - Adjustment/Test.

### 3. Pedestal LED Light Removal/Installation

**NOTE:** The pedestal LED light is installed above the Firewall Shutoff control knob.

- A. Remove the Pedestal LED Light (FC018) (Refer to Figure 401).
  - (1) Remove external electrical power from the airplane.
  - (2) Make sure that the BATTERY switch (SC005), found on the circuit breaker switch panel, is set to the OFF position.
  - (3) Make sure that the EXTERNAL POWER switch (SC006), found on the circuit breaker switch panel, is set to the OFF position.
  - (4) Disengage the AVN/LED/STBY LIGHTS circuit breaker, found on the left circuit breaker panel.
  - (5) Remove the screws that attach the LED light cover to the pedestal.
    - (a) Remove the cover from the pedestal.
  - (6) Remove the light clip sufficiently from the pedestal to get access to the LED light wire splices.
  - (7) Identify and remove the LED light splices from the wire harness.
    - (a) Remove the LED light from the airplane.
- B. Install the LED Light (FC018) (Refer to Figure 401).
  - (1) Put the Pedestal LED light sufficiently near its correct position to get access to the airplane wire harness.
  - (2) Identify the wire harness wiring and splice the LED wires to the wire harness.
  - (3) Install the LED light clip on the pedestal.
  - (4) Put the LED light cover in its correct position on the pedestal.
  - (5) Install the screws that attach the cover to the pedestal.
  - (6) Engage the AVN/LED/STBY LIGHTS circuit breaker.
  - (7) Do a check of the pedestal LED light. Refer to LED Flight Compartment Lighting - Adjustment/Test.

Figure 401 : Sheet 1 : Throttle Quadrant LED Panel Installation



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