

Fuel Boost Pump Control

Model A81-118

NSN 1680-01-216-1923



Model A81-118

**THIS UNIT IS USED ON THE
FOLLOWING AIRCRAFT:**

- UH-60

GENERAL CHARACTERISTICS AND SPECIFICATIONS*

CONTROLS/DISPLAYS

- 2 Toggle Switches for Boost Pump Control
 - Rated 20A Resistive, 12A Inductive @ 28 VDC
 - Rated 15A Resistive, 15A Inductive @ 115 VAC
- 2 Indicators for Boost Pump Advisory
 - 28 VDC @ 40mA with Press-To-Test and Rotate to Dim
 - NVG Compatible

POWER REQUIREMENTS..... Panel Lighting (NVG Compatible)
115 VAC 400 Hz Lamps

PHYSICAL CHARACTERISTICS

- Size..... 5.75" W x 2.25" H x 5.53" D
- Weight..... 1.5 Lbs. Max.
- Mounting..... Panel Mount via Quarter-Turn
Mil-F-25173 Fasteners
- Connector..... Unit: MS3472W16-26P
Mate: MS 3476W16-26S

ENVIRONMENTAL

- Altitude (Operating)..... 30,000 FT.
- (Non-Operating)..... 40,000 FT.
- Temperature (Operating)..... -55°C to 55°C, 71°C for 30 min.
- (Non-Operating)..... -57°C to 85°C,
- Vibration..... MIL-STD-810F, Method 514.5,
Procedure I, Cat 14 using Table
514.5C-IV and Figure 514.5C-10
- Shock..... MIL-STD-810F, Method 516.4,
Procedure I, V, VI
- Functional..... 20 G's 11 mS
- Crash Safety..... 40 G's 11 mS

DESCRIPTION AND USE

The A81-118 Is used on the UH-60 Blackhawk Helicopter. The unit has Two (2) switches for the control of Two (2) Fuel Boost Pumps. The unit also has Two (2) Boost Pump Advisory Indicators.

*Specifications subject to change without notice