

H-60/S-70 BLADE BURN

Black Hawk Blade Burn Pod Set

An UxValidator™ Family Pod Set

On-Aircraft Testing

- Dramatically Reduces Heater Mat Resistance Test Time to Less Than 5 Minutes per Blade
- Simple, Fast, Menu-Driven Procedures
- No External Breakout Box Required
- Current Limit Circuit Automatically Removes Power from Blade if Monitored Current Exceeds 1A Threshold
- Compatible with all H-60 Model Blades
- AED Approved
- Replaces Local Fab TGN55-01052-041
- Complies with TM 1-1520-237-23 and TM 1-1520-280-23



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The H-60/S-70 Blade Burn Pod Set (used with the UxValidator) simplifies testing and troubleshooting of the blade de-ice heater mats.

Blade heater mat testing is accomplished by applying a precisely controlled 1-amp current stimulus and continuously measuring the resulting voltage. The heater mat elements are tested in rapid succession, with all results logged automatically into memory. Through advanced automation pioneered by ULTRAX, the time needed to test the 4 main rotor blades is reduced from 4 hours to under 30 minutes.

Heavy test sets and bulky cabling are a thing of the past with the ULTRAX H-60/S-70 Blade Burn Pod Set. The Blade Burn Pod connects directly to main rotor blade de-ice connector.

An included harness connects Pod to tail rotor to allow automated testing of those blades as well. Test results are communicated to the UxValidator via high-speed data cable (5 foot and 20 foot cables included).

Blade Burn Parts and Descriptions

Part Number	NSN	Description
12-1012-01	NSN 4920-01-647-3874	H60/S70 Blade Burn Pod Set
18-1140-00	NSN 4920-01-708-1968	Set, Blade Burn System, USAF
18-2140-00	N/A	Blade Burn Set, S70

Size and Weight (INCHES/POUNDS)

H-60/S-70 Blade Burn Pod Set			
Width	Height	Depth	Weight
16	6.9	13	11.5

The UxValidator shows resistance readings for the individual heater elements on an easy-to-interpret bar graph and clearly displays pass or fail results. Using the UxUSB Stick (included), test results can be stored for later use.

UxValidator™ Technology

The UxValidator family of test solutions delivers versatility, ease-of-use and reliability never before available in portable, application-specific troubleshooting equipment.