

# H-60A/L/M – BLACK HAWK

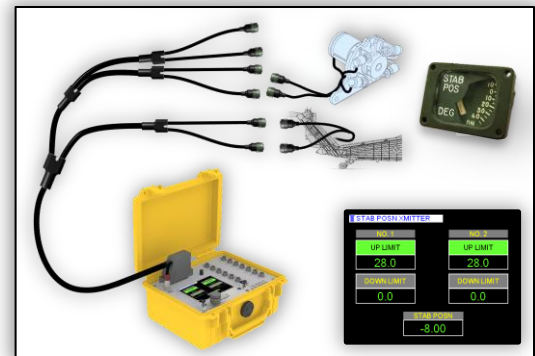
# STAB POSITION LIMITS

## STABILATOR POSITION SENSOR / LIMIT SWITCH

NSN IN PROCESS ► PN 10-1009-56

## ON-AIRCRAFT TESTING

- An UxValidator Family Solution
- Required for M Model Maintenance
- On-Aircraft and Bench Adjustment Solution in a Single Set
- Reduces Maintenance and Improves Aircraft System Reliability
- Stabilator Position within  $\pm 0.2^\circ$  Accuracy
- Allows for Single, "Install-and Forget" One-Time Adjustment
- Includes Lock Pin and Bench Power Adapter
- Replaces Locally Fabricated Test Equipment as specified in:
  - TM1-1520-237-23 H-60A/L
  - TM1-1520-280-23 H-60M
- AMCOM Approved



### Stab Limit Switch

The H-60A/L/M Stab Limit Switch Test Set, when used with an UxValidator, allows the maintainer to verify and adjust the stabilator position sensor and limit switch settings while on either the aircraft or on the bench.

For the H-60M, inaccuracies introduced by using the A/L analog gauge when adjusting the position sensor are eliminated.

For the H-60A/L, accuracy is improved by eliminating the impedance variations between substitute indicators used at the AVIM and those installed in the aircraft.

Simultaneous display of both switches along with their voltage and corresponding stabilator position permits easy adjustment of the up/down limits. Switch opening and closing is adjusted by locking the switch assembly into the  $-8^\circ$  and  $+40^\circ$  positions. Locking the switch assembly in the  $+10^\circ$  position allows adjustment of displayed position on the cockpit stabilator position indicators.

### UxValidator™ Technology . . .

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

The UxValidator requires no external gauges or meters, all that is needed is the UxValidator, BrainPak™ and interface cable. Power is received from the aircraft harness when adjusting on the aircraft and from the included 26VDC power adapter when working on the bench.



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