

Honeywell

UH-60 PLATFORM SUPPORT

Retrofit, Modification and Upgrade Solutions



UH-60

Optimizing performance throughout the lifespan of the UH-60 helicopter.

Honeywell's world-class retrofit, modification and upgrade (RMU) solutions cost-effectively enhance UH-60 operational capabilities, improve helicopter efficiencies and extend platform life.

RETROFIT MODIFICATION & UPGRADE SOLUTIONS FOR THE UH-60 BLACK HAWK

Honeywell is proud to be a significant content-provider for the UH-60 helicopter. From advanced avionics to mechanical systems, our solutions are proven to be highly reliable and capable, providing the power to protect and the technology to perform in any airspace environment.

With aging aircraft, budget constraints, and pressing needs to maintain combat viability, Honeywell builds upon our existing

technologies and platform experience to present a comprehensive range of RMU solutions to extend the life of the UH-60 helicopter and sustain mission effectiveness throughout its operational life cycle.

Regardless of your theatre of operation, our advanced technologies, products and services cost-effectively enhance mission-critical capabilities and deliver proven operational advantages.





1) Weather Radar – Superior range, ground mapping and weather analysis.

- Reduces life cycle costs more than four-fold
- 25% reduction in diversions and earlier detection reduces delays due to bad weather.

2) Radar Altimeter System – New design reduces obsolescence issues

- Low probability of intercept/detection
- Integrates with CAAS cockpit
- MIL-STD 1553, ARINC 429 or analog
- Twice the reliability of alternative systems.

3) ELT – Portable Survival Emergency Locator Transponder.

- Automatic activation instantly upon immersion in water
- 12-year battery life service

- Meets crash survivability requirements of FAA TSO C91a, TSO C126/TSO-126A.

4) HUMS – Condition-based maintenance system

- that supports rotor track and balance and vibration/health monitoring of critical aircraft rotating components
- Enhances safety, increases availability, and reduces man hour and parts cost.
- Smaller size, weight, and power consumption
- More memory, smaller data file size, and variety of transfer methods
- Easier data analysis and management
- Lower software procurement and support costs
- Shorter product lead times, and shorter installation time (2 vs. 6 weeks per airframe). We are currently the HUMS provider for Special Operations MH-60L/M, US Coast Guard MH-60T, and USAF HH-60 fleets.

5) Universal Search Light – Fully integrated dual-mode search light

- solid-state laser diodes boosts infrared performance to an unprecedented 80 NRI.
- Sealed actuation mechanism protects gears, ensuring a longer life span and reduced maintenance costs for operators.
- Water resistant to 2 ft. depth.

6) 60 kVA Generator – 25% more power with minimum aircraft modifications

- Same proven performance and reliability as existing 45kVA system
- Drop-in replacement for existing generator
- No change or modification required for the generator control unit either.

7) Embedded GPS/INS – Self contained, all-attitude tightly coupled navigation system

- that meets the most challenging military requirements and DO-178/254 Level A civil interoperability capabilities.

8) Air Turbine Starter Upgrade – Enables higher reliability with >4,000 hours MTBF.

- Drop-in replacement with no modifications required.

9) Sky Connect Tracker 3 Advanced – Iridium-based SATCOM system for tracking, texting and telephone.

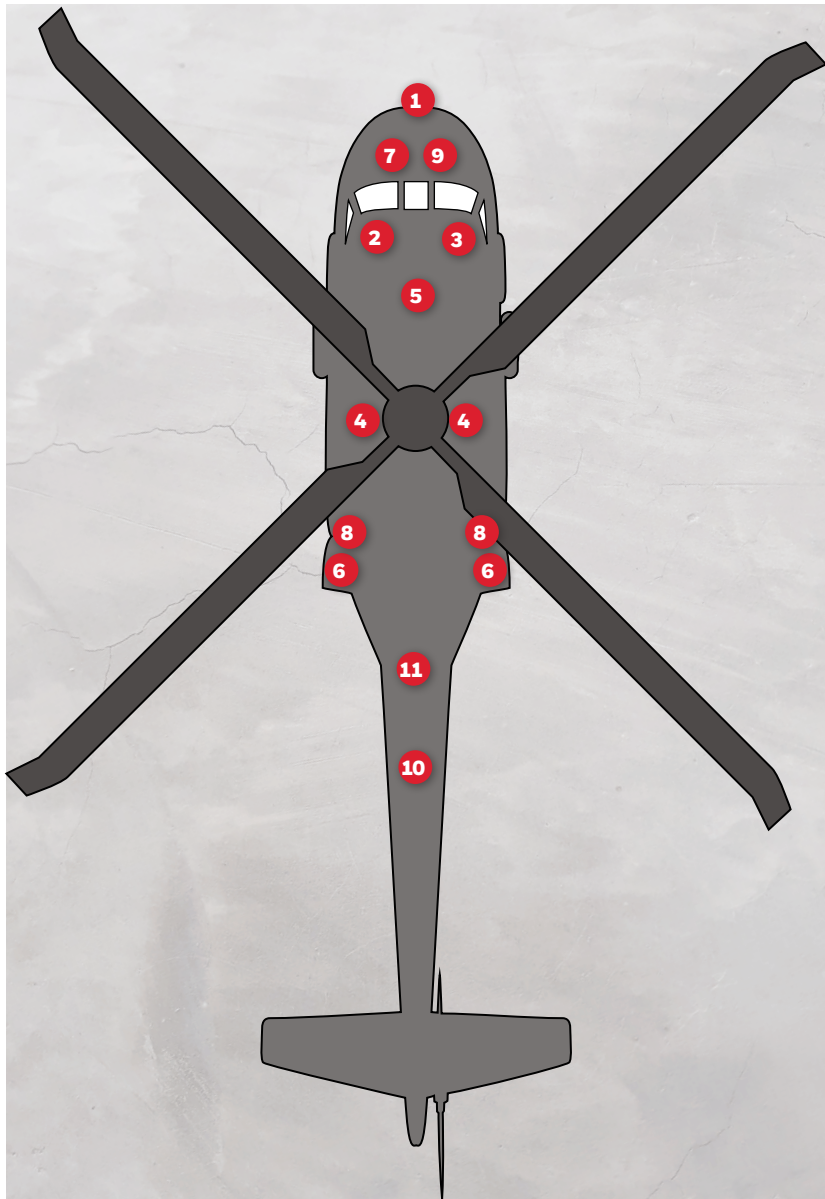
- New support for Iridium Push-to-Talk service and cellular data service for Flight Data Monitoring

10) Aspire 200 – HDR software upgrade used to enhance Inmarsat L-band services.

- The upgrade to SwiftBroadband channels provides up to 650 Kbps per channel.

11) 36-150 APU – Higher reliability design to ensure power when you need it, and less maintenance.

- 20 variations flying on military and commercial aircraft. Backed by Global support network.



Defense & Space

Providing the power to protect and the technology to perform, Honeywell Aerospace innovations are helping transform the combat environment by boosting operational capabilities and providing unrivalled accuracy to support soldiers, vehicles and aircraft and enhance fleet safety. Our products offer superior efficiency and performance to lower fuel consumption and maintenance expenditures, while increasing the productivity and lifespan of critical assets.

For more information on Honeywell Aerospace, visit us online at aerospace.honeywell.com

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All estimates on performance, operational benefits and cost savings provided within this document are based on Honeywell data.



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