UH-60A/A+ or UH60L

Black Hawk Helicopters
with
GTN750 Avionics
and
Mission Equipment

We are greatly looking forward to working with you on this project and to establish a long lasting working relationship.

Confidentiality Notice

In the absence of a formal non-disclosure agreement (NDA), receipt of this document acknowledges an undertaking to act in the spirit of such an agreement solely for the information disclosed in this document. No information in this document may be shared with a third party without the consent

Section 1.0 Summary of Proposal

offering two (2) UH-60As and two (2) UH-60A+ Black Hawks. Each UH-60 will be upgraded with two (2) Garmin GTN-750s (VHF radio, GPS navigation with map in a multifunction display) and customer desired mission equipment. Other options are available to the customer to choose the best configuration to support their requirements while achieving a cost-effective means of delivering a high level of capability.



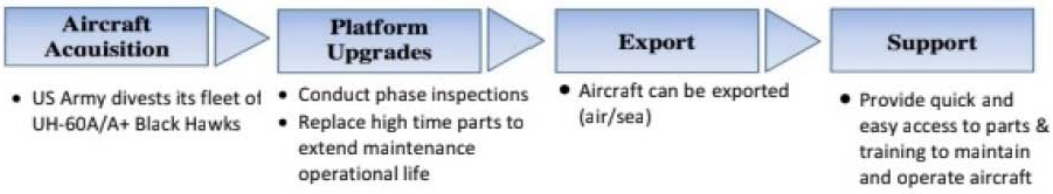
UH-60A Black Hawk after Preventive Maintenance Inspections

1.1

We offer the highest quality aircraft, personnel and services with the safest solutions to support governments in high risk and complex environments across the globe at competitive prices.

Section 2.0 The Black Hawk Solution

The US Army began decommissioning UH-60A/A+ Black Hawks in 2015. These aircraft are in excellent flyable condition. These UH-60A/A+s complete phase maintenance inspections (PMI 1 and PMI 2) in accordance with the US Army and Sikorsky technical manuals and ensures that the aircraft are fully functional, have acceptable component life expectancy and then paints the interior and exterior to customer specifications. During the aircraft inspections, the aircraft can be upgraded with desired communication, navigation and mission equipment before being shipped to the customer.



UH-60A/A+ Black



Standard UH-60A/A+ (Section 2.1)

- Analog flight instruments
- T700-GE-700 (A) or 701C/D (A+) Engines
- ARC-186 VHF Radio
- Completed PMI 1 & PMI 2 inspections
- Low time on dynamic components
- Painted to customer specifications



Proposed UH-60A/A+ Avionics (Section 2.2)

- GPS/NAV/COM
- Transponder



Optional Mission Equipment (Section 3.0)

- Fast rope system (FRIES)
- MX-10 or 15 EO/IR Sensor
- M-134 window mounts
- Weapons platform and management system
- Cabin ballistic protection

Standard UH-60A/A+ includes:

- NVG compatible cockpit & cabin
- Wire Strike Protection System (WSPS)
- Hover Infrared Suppression System (HIRSS)
- Crew served weapons mounts
- Large unobstructed cargo doors
- Crashworthy & self-sealing fuel tanks
- Auxiliary Power Unit (APU)
- Wide engine separation
- Engine driven suction fuel system to avoid high pressure fuel spray in the event of battle damage
- 30 minute run dry capability in all gear boxes
- Heavy duty undercarriage with crash energy absorption up to approx. 2,300 fpm
- Cargo hook (8000 lb capability)
- Separate pilot and co-pilot flight control linkages
- Redundant hydraulic systems
- Redundant electrical systems
- Engine, main and tail rotor icing protection
- Armoured pilots' seats
- Crash force absorbing pilot, aircrew and troop seating

2.1 Standard Aircraft

The standard UH-60A/A+ Black Hawk configuration consists of:

- Analog flight instruments
- T700-GE-700 Engines (UH-60A) or GE-T700-701C/D (UH-60A+) Engines
- ARC-186 VHF Radio
- Completed PMI 1 & PMI 2 inspection
- Low time on all dynamic components
- Painted to customer specifications (currently black with grey interior)
- Cargo hook (8000 lb capability)

Within this configuration the standard UH-60A/A+ Black Hawk comprises many battlefield attributes that are either very expensive optional extras or simply not available on other aircraft types. These systems include:

- NVG compatible cockpit and cabin
- Wire Strike Protection System (WSPS)
- Hover Infrared Suppression System (HIRSS)
- Crew served weapons mounts
- Large completely unobstructed cargo doors
- Crashworthy and self-sealing fuel tanks
- Engine driven suction fuel system to avoid high pressure fuel spray in the event of battle damage
- 30 min run dry capability in Main, Intermediate and Tail gearboxes
- Heavy duty undercarriage capable of normal operation at high touchdown descent rates and crash energy absorption up to approximately 2,300fpm.
- Auxiliary Power Unit (APU) for in flight emergency use and ground servicing
- Wide engine separation to prevent single hit dual engine loss
- Separate pilot and co-pilot flight control linkages
- Redundant hydraulic systems with 2 main and 1 backup system
- Redundant electrical systems with 2 main and 1 backup system
- Engine, main and tail rotor icing protection up to and including moderate icing
- Armored pilots seating
- Crash force absorbing pilot, aircrew and troop seating
- Air transportable with minimal disassembly

2.2 Avionics Upgrades

Based on customer requirements, the below avionics upgrade is a cost-effective solution to meet requirements. The system will increase situational awareness by providing GPS, navigation and communications. The upgrade includes:

Equipment	Product	Qty
GPS/NAV/COM/MFD (VHF Radios)	GTN 750	2
Transponder	GTX 345	1



UH-60A with dual Garmin GTN750s, ICS and Garmin GTX 345 Transponder

2.2.1 GPS/NAV/COM/MFD



The Garmin GTN 750 is a fully integrated GPS/NAV/COM/MFD solution that is ready and approved for installation in helicopters by the US FAA, Europe's EASA, Canada's TCCA and Brazil's ANAC authorities. The more than 6-inch-tall system's intuitive touchscreen controls and large display give unprecedented access to high-resolution terrain mapping, graphical flight planning, geo-referenced charting, traffic display, multiple weather options, connectivity, advanced navigation and more. Skycore would install two of these displays in the cockpit.

2.2.2 GTX 345 Transponder

The GTX 345R remote-mounted Mode S Extended Squitter (ES) transponder, Garmin provides the ideal upgrade path for aircraft operators looking to satisfy NextGen requirements for ADS-B "Out" — while providing all the weather and traffic benefits of ADS-B "In" with the GTN 750

Section 3.0 Mission Equipment

Mission equipment reduces pilot workload, enhances the safety of the aircrew and allows added capability to accomplish missions such as search and rescue, firefighting, troop transport, medical evacuation, surveillance and civil defence missions. Certain mission equipment can be moved from one aircraft to another. This enables the optimal number of units to be purchased for the fleet. The optional mission equipment is outlined in the following paragraphs.

3.1 Fast Rope Insertion / Extraction System (FRIES)





The fast-rope insertion and extraction system (FRIES) is used by small units to make rapid infiltration and exfiltration using rotary-wing aircraft in confined areas. The use of FRIES is normally restricted to situations where aircraft cannot land, and when mission requirements preclude the need for large amounts of equipment and ammunition or heavy crew-served weapons. This modification provides for fast rope operations from either side of the aircraft based upon mission needs. The telescoping capability greatly reduces the physical footprint of the mount.

3.2. Electro-Optical and Infrared Sensor (EO/IR) Wescam MX-10 or MX-15



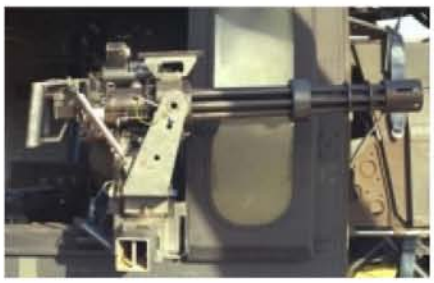
The WESCAM MX-10 is ideal for low-altitude, tactical surveillance & search and rescue (SAR) missions requiring low-weight installation flexibility.

The WESCAM MX-15 is ideal for medium-altitude, covert ISR, SAR missions and homeland security.

3.3. M134 with Window Weapons Mount

Duel window mount system for the M134s (mini guns). The M134s will have the option of being either fixed forward or crew served. The M134D Gatling Gun is the finest small calibre, defence suppression weapon available. It is a six barrelled, electrically driven machine gun chambered in 7.62mm NATO and fires at a fixed rate of 3,000 shots per minute.





3.3. M240B with Window Weapons Mount



Duel window mount and M240B. The 7.62mm NATO M240B/General Purpose Machine Gun (GPMG) is a very reliable, fully-automatic, gas-operated, disintegrating link, belt fed, air-cooled, crew-served weapon. It fires from an open bolt and features a quick change barrel with fixed headspace. The M240B is the US Infantry version and is equipped with a buttstock, folding bipod, forestock and multiple M1913 Picatinni rails for mounting optics, laser illuminators, and accessories. The M240B provides accurate and effective sustained rate of fire required to suppress and destroy enemy soft targets.

3.4. Weapons Platform and Management System

UH-60 weapons platform with four weapons stations. Depending on the mission profile the user has multiple configuration options. The weapons platform can easily and quickly be configured for M134D, GAU-19B, HMP-400, M260, or M261 rocket launchers based on mission requirements. The outer wing sections are capable of Smart Weapon Enhancements such as the Hydra, Hellfire or Griffin.





The system includes:

1. Weapons Management System;
   - Graphics based UI, which is very intuitive and designed so the operator can focus on the engagement, not the weapons management system.
   - Integrated with L3 Wescam Gen II sensors. System uses sensor data, and provides sensor control thru the weapons management system
2. Mission Computer
3. Weapons platform with four weapons stations
4. Two M261 19 shot rocket pods
5. Gun sights and Laser mounts

System may be upgraded to manage and launch Hellfire and Tow rockets

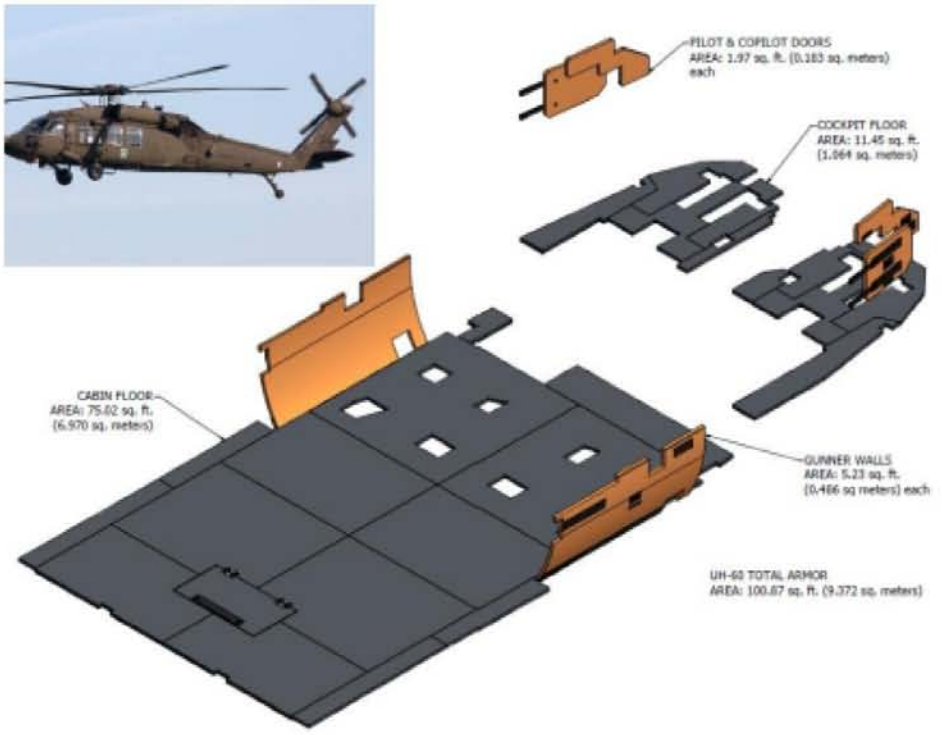
3.5 GAU-19 Gun Pod Option:



- GAU--19B .50 cal Gatling gun
- 554 round capacity
- 475 round magazine
- 79 rounds in feed system
- Self-contained
- 397lbs fully loaded
- Simple integration
- Trigger discrete
- Trickle charge (optional)
- 14" ejector rack

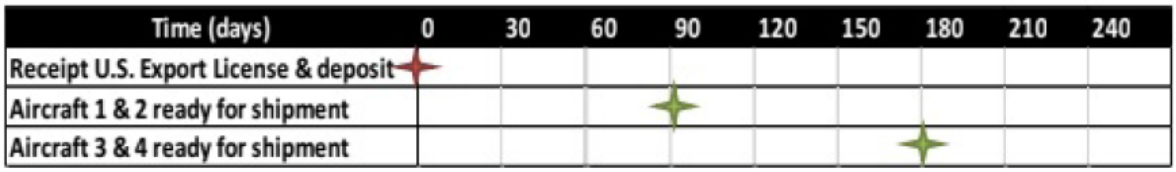
3.6. Ballistic Protection

- Modular protection on crew/cabin floors
- Provides multi-hit ballistic protection
- Defeats more aggressive threats than most current armor
- Easily removable/installable with full CIE
- 3.2- 4.2 psf solutions, ½" inch to ¾" inch thickness
- Theatre relevant protection against advanced small arms threats
- Multi-hit protection
- Chemical and fluid resistant
- Modular and reconfigurable based on mission
- Unit and depot level maintenance
- PROTECTION LEVELS:
    - 7.62 x 39mm AP/Ball
    - 7.62 x 54R AP/Ball
    - 7.62 x 51mm AP/Ball
    - 5.56 x 45mm M855
    - 5.56 x 45mm M193
    - NIJ Level III



Section 4.0 Timeline

Upon the signing of the contract, we will immediately seek U.S. export approval for the aircraft, support and training services. Once we receive U.S. approval and customer deposit we will begin modifications for the first two aircraft. Work on aircrafts three and four will follow immediately after completion of the first two aircraft.



Section 5.0 Pricing (ExWorks – USA)

Aircraft with Options	Qty		
UH-60A+ / L (701D engines) 90 Days ARO	2		
UH-60A / L (700 engines) (90-120ARO)	2		
Avionicks G750 & GTX 345	4		
-A-kit / EOIR Sensors (MX-10)	4		
-FRIES (FAST ROPE)	4		
-Weapons Platform, Management System & 2x M260 rocket pods (7 Shot / 70mm)	4		
-2 x M240B w/Window Mounts (7.62x51mm NATO)	4		
-Ballistics Protection	4		
AN124 - Shipping Per flight (4) four UH-60 AC	1		
Total for (4) UH60 Delivered to END-USER			**$ 74,000,000**

Additional Options / Add ons	Qty	Unit Price (USD)	FOB - USA
-Optional M260 rocket pod (7 Shot / 70mm)	1	$162,500	$162,500
-Optional M261 rocket pod (19 Shot / 70mm)	1	$185,450	$185,450
-Optional M2 with Pod (12.7x99/.50BMG)	1	$685,000	$685,000
-Optional GAU-19 w/Pod (12.7x99/.50BMG)	1	$1,550,000	$1,550,000
Optional Replacements:	**Qty**	**Unit Price (USD)**	**FOB - USA**
A-kit / EOIR Sensors (MX-15)	1	$ 3,950,000.00	$ 3,950,000.00
2 x M134 Miniguns with Window Mounts (7.62x51mm NATO)	1	$ 2,385,000.00	$ 2,385,000.00