

Weapons

With the current unavailability of new External Stores Support System (ESSS), Our partners have teamed with Fulcrum Concepts to offer the Fulcrum Configurable Lightweight Armament Wing (CLAW) system to facilitate weapons configurations on the UH-60 platform. The following is a brief description of the system.

Fulcrum Configurable Lightweight Armament Wing (CLAW) 4-Station

- Attaches to Aircraft Hard Points (Install or Remove in 10 minutes)
- Configurable for 2 or 4 Stations
- Allows for M261 Rocket Pod, GP-19 Machine Gun, or Lightweight Dual Rail Launcher (DRL) w/ Hellfire Interface Unit on any of the 4 stations, in any combination.



Figure 21: CLAWS 4-Station

Weapons Management System (WMS)

- Crew Stores Control Panel (CSCP)
 - Arm/Safe/Jettison Operations
 - Mounted in Lower Console between pilot stations
- Enhanced Stores Mission Computer (ESMC)
 - Fully Interfaced to Tactical Mission Computer for Information Display
 - Provides Fire Control Solutions
- Gun Rocket Unit (GRU)



Figure 22: Weapons Management System (WMS)

Gun Pod GAU-19 (GP-19)



Figure 23: GP-19

M261 19 shot Rocket Pod

- Hydra 70 rocket compatible

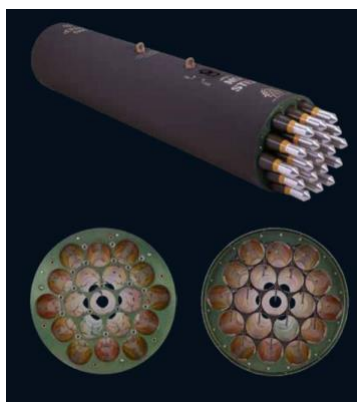


Figure 24: M261 19 Shot Rocket Pod

Light Attach Hellfire Launcher



Figure 25: Light Attach Hellfire Launcher

M134 Mini gun w/ Fixed Forward (Pilot Fire) and Flex Window Mounts (Door Gunner Fire), Mounting Provisions (3,000 round magazine) and Cabin Crew Seats

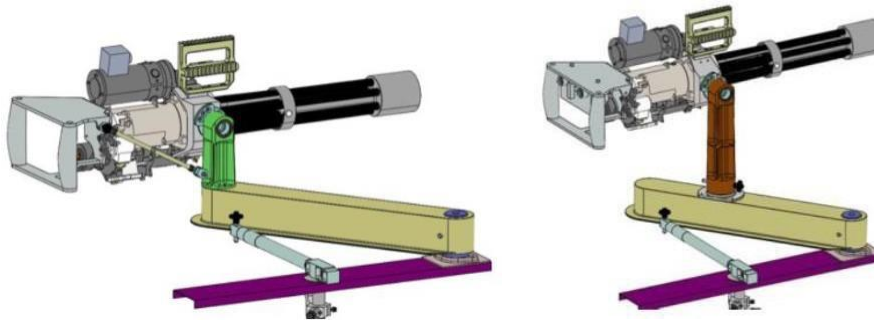


Figure 26: M134 Window Gun w/ Fixed Forward and Flex Mounts

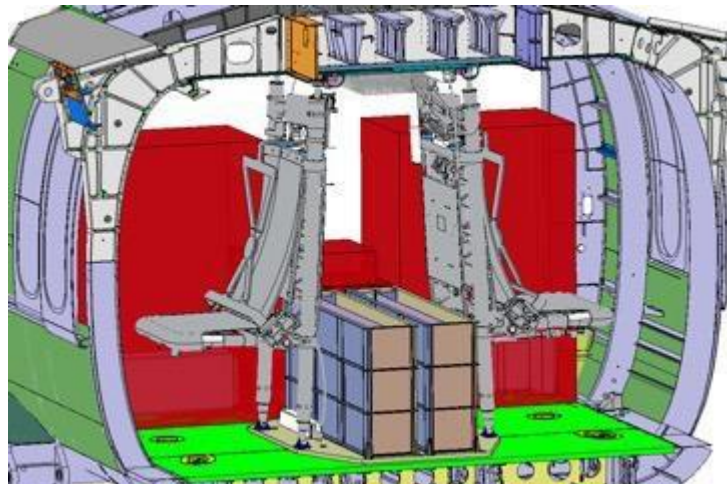


Figure 27: Cabin Crew Seats with M134 Ammunition Mounting Provisions

Infrared Laser Sights

- Nose Mounted (2 Mounts/Lasers per Aircraft)
- Switch Activated from Collective



Figure 28: IR Laser Sight

Embedded Global Positioning System Inertial Navigation System (EGI)



Figure 29: LN-251 EGI

Tactical Mission Equipment

Robertson Internal Auxiliary Fuel Tank System (IAFTS)

- 200 Gallon Fuel Capacity
- Cockpit Fuel Transfer Control
- Tank is easily installed and removed (10 minutes)



Figure 30: Internal Auxiliary Fuel Tank System

Fast Rope Insertion Extraction System (FRIES)



Figure 31: FRIES

Enhanced Ballistic Armor Protection System (BAPS) with Floor, Seat Panels, and Chin Bubble

- EBAPS Threat Protection Level: 7.62mm x 39mm PS Ball (Equivalent: NIJ Level III or STANAG Level 1)
- Protection Areas/Dimensions: Cockpit Armor (10 square feet) and Cabin Armor (85 sq feet)
- Total installed weight = 490 lbs.
- Compatible with IAFTS and M134 Machine Gun Pallet System



Figure 32: EBAPS

Multiple Impact Transparent Armor System (MITAS)

- NVG compatible
- Provides pilot & copilot armor piercing & sniper protection



Figure 33: MITAS

TALON MC Keeperless Cargo Hook Replacement Kit with Onboard Weighing System (Included in base configuration)

- Replacement kit for existing UH-60A/L Cargo Hook (9,000 lbs. hook rating)
- Eliminates high-cost Cartridge Activated Devices (CAD-explosive) for back-up release
- Weighing system allows crew to know instantly the weight on hook.



Figure 34: Cargo Hook Replacement System

Internal Electric Rescue Hoist System

- Collins model 42305
- 250 ft (76m) cable length
- 600 lbs. (272 kg) maximum lift load
- 275 fpm lowering speed / 150 – 275 raising speed (@ 600 lbs. & 300 lbs. load) times
- Separate control head



Figure 35: Collins model 42305

