

DILLON **AERO**

MCAS - UH

Mission Configurable Aircraft System



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The Dillon Aero Mission Configurable Aircraft System (MCAS-UH) offers numerous configurations allowing for any combination of both Fixed Forward, outboard weapons/storage locations, and internally mounted Crew-Served Weapons without any aircraft modifications.

Both internal and external weapons stations can be mounted on the cross-cabin floor plate system, which swings out of the way when not in use. Two 3,000- or 4,000-round magazines may be accommodated with the M134D gun systems.

Compatible with dual M134D Miniguns, dual M260 rocket pods, dual .50 caliber pods, or a combination of guns and rockets. The Dillon Aero MCAS-UH is currently in service with the U.S. and foreign militaries, as well as in government service branches. Outboard station arms fold upwards, reducing overall aircraft footprint for storage or transport.



Internally Mounted Crew-Served Options:

- Kick-out mount supports any two of the M134D, M240/MAG58, PKM, or M60
- Both Crew Served options may retract/fold/swing back into the cabin, allowing closure of cabin doors

Externally Mounted Fixed Forward Options:

- Outboard stations (14" NATO bomb rack on each side)
- Fixed Forward Hard Back M134D Weapon System
- Rocket pod (7-, 12- or 19-tube)
- Total outboard station capacity of 800 pounds



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MCAS - UH (Armament Options)

4 Weapon Station Configuration

KICK-OUT MOUNT

M134D-H
M240/MAG 58
M60
PKM



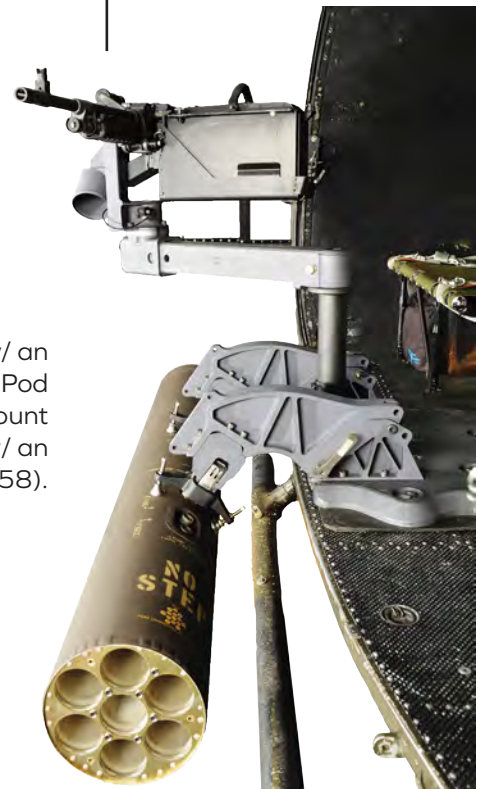
Left side stations w/ Fixed Forward & Crew-Served M134D-H Miniguns.

FIXED FORWARD

M134D-H
GRIFFIN MISSILE
GUN POD WEAPON SYSTEM
M260, M261, LWL12
GAU-19

KICK-OUT MOUNT

M134D-H
M240/MAG 58
M60
PKM



Outboard Station w/ an M260 Rocket Pod (Also shown-Mount with w/ an M240/MAG 58).

FIXED FORWARD

M134D-H
GRIFFIN MISSILE
GUN POD WEAPON SYSTEM
M260, M261, LWL12
GAU-19



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MCAS - UH (Armament Options)

System Weights

UH-1H Max 9500 lb (4309 kg)

DESCRIPTION	LB	KG
Empty (Estimated)	5,245.0	2,379.1
MCAS (Mount Only)	273.8	124.2
MCAS Armed w/: 2 x M134D-H Crew Served 1 x Gun Pod Weapon System 1 M261 70mm Rocket Launcher	596.8	270.7
MCAS Armed & Loaded w/: 2 x M134D-H Crew Served 1 x Gun Pod Weapon System 1 M261 70mm Rocket Launcher	1,292.8	586.4
Fuel	1,404.0	636.8
Weight No Crew (subtotal)	7,941.8	3,602.3
Crew x 4	1,000.0	453.6
Total (mount,guns, ammunition & crew)	8,941.8	4,055.9
Available Payload	558.2	253.2

*For System Weight Estimation Only



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MCAS - UH (Armament Options)

System Weights

Huey II Max 10500 lb (4763 kg)

DESCRIPTION	LB	KG
Empty (Estimated)	5,440.0	2,467.5
MCAS (Mount Only)	273.8	124.2
MCAS Armed w/: 2 x M134D-H Crew Served 1 x Gun Pod Weapon System 1 M261 70mm Rocket Launcher	768.1	348.5
MCAS Armed & Loaded w/: 2 x M134D-H Crew Served 1 x Gun Pod Weapon System 1 M261 70mm Rocket Launcher	1,766.1	801.3
Fuel	1,404.0	636.8
Weight No Crew (subtotal)	8,610.1	3,905.6
Crew x 4	1,000.0	453.6
Total (mount,guns, ammunition & crew)	9,610.1	4,359.2
Available Payload	889.9	403.8

*For System Weight Estimation Only

Part Number: TBD



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