



MCAS - UH

MISSION CONFIGURABLE AIRCRAFT SYSTEM

 DillonAero

MCAS - UH ARMAMENT OPTIONS

(4 WEAPON STATION CONFIGURATION)



MCAS - UH SYSTEM WEIGHTS

UH-1H MAX 9500/4309 KG

WEIGHT MCAS - UH		
2 X M134D-H CREW SERVED DOOR GUNS		
2 X M260 70MM ROCKET LAUNCHERS		
	LB	KG
Empty	5245.0	2379.1
MCAS (mount only)	273.8	124.2
MCAS armed with: 2 x M134D-H Crew Served door guns & 2 x M260 70mm Rocket Launchers	596.8	270.7
MCAS armed and loaded with: 6,000 rounds 7.62mm & 14 x H163 10# FFAR	1292.8	586.4
Fuel	1404.0	636.8
Weight No Crew (subtotal)	7941.8	3602.3
Crew x 4	1000.0	453.6
Total (mount, guns, ammunition, and crew)	8941.8	4055.9
Available Payload	558.2	253.2

*FOR SYSTEM WEIGHT ESTIMATION ONLY.

GUNS: M134, 7.62mm; M240, 7.62mm; M60, 7.62mm; PKM, 7.62mm; GAU-19, .50 BMG (12.7 x 99)
ROCKETS: M260, 7 shot, 70mm / 2.75" FFAR; M261, 19 shot, 70mm / 2.75" FFAR; LWL12, 12 shot, 70mm / 2.75" FFAR

HUEY II MAX 10500/4763 KG

WEIGHT MCAS - UH		
2 X M134D-H CREW SERVED DOOR GUNS		
1 X GUN POD WEAPON SYSTEM		
1 X M261 70MM ROCKET LAUNCHER		
	LB	KG
Empty (Estimated)	5440.0	2467.5
MCAS (mount only)	273.8	124.2
MCAS armed with: 2 x M134D-H Crew Served door guns, 1 x Gun Pod Weapon System & 1 M261 Rocket Launcher	768.1	348.5
MCAS armed and loaded with: 9,000 rounds 7.62mm & 19 H163 10# FFAR	1766.1	801.3
Fuel	1404.0	636.8
Weight No Crew (subtotal)	8610.1	3905.6
Crew x 4	1000.0	453.6
Total (mount, guns, ammunition, and crew)	9610.1	4359.2
Available Payload	889.9	403.8

*FOR SYSTEM WEIGHT ESTIMATION ONLY.