
DILLON AERO

M134D MINIGUN

PRODUCT INFORMATION GUIDE



DILLON AERO, INC. 2006



LAND



AIR



SEA

M134D Stats and Operating Information

Length: 31.56 in./80.16 cm.
 Width: 12 in./30.48 cm.
 Weight:

Gun Assembly, Steel	29.12 lbs./13.5 kgs.
Gun Assembly, Titanium	20.8 lbs./9.3 kgs.
Gun Housing only, Steel	4.12 lbs./1.87 kgs.
Gun Housing only, Titanium	2.1 lbs./0.95 kgs.
Rotor only, Steel	8.3 lbs./3.76 kgs.
Rotor only, Titanium	3.7 lbs./1.68 kgs.
Feeder/Delinker, Steel	9.2 lbs./4.17 kgs.
Feeder/Delinker, Titanium	7.1 lbs./3.22 kgs.
GCU	3.3 lbs./1.5 kgs.
Flash Suppressor, Steel	3.11 lbs./1.68 kgs.
Flash Suppressor, Titanium	2.7 lbs./1.12 kgs.
Drive motor, 28vdc (dc/ac)	8 lbs./3.6 kgs.
*Battery	User Specified

Total System Weight - (*less ammunition, battery and mount*):
 Steel, fixed forward fire:
 56.9 lbs./25.81 kgs.
 Titanium, fixed forward fire: 45.1 lbs./20.46 kgs.
 Steel, crew served: 66.1 lbs./29.98 kgs.
 Titanium, crew served: 53.13 lbs./24.1 kgs.

Ammunition Magazines:

1,500 rd:	Empty	31 lbs./14.06 kgs.
	Full	125 lbs./56.82 kgs.
4,400 rd:	Empty	31 lbs./11.09 kgs.
	Full	295 lbs./134 kgs.
HMMWV, 3,000 rd:	Empty	24.4 lbs./12.25 kgs.
	Full	204 lbs./93 kgs.
Standard, 3,000 rd:	Empty	27 lbs./12.25 kgs.
	Full	208 lbs./94.5 kgs.
Feed Chute:	7 ft./2.13 m	6 lbs./2.7 kgs

Feed System:	Linked Ammunition Belt
Firing Rate:	Fixed 3,000 SPM or 4,000 SPM
Acceleration Time:	0.5 seconds
Deceleration Time:	0.25 seconds
Dispersion:	hard mount, 6.5 Mills 80% circle
Operation:	External Power (Electric)

Recommended Service Life/Replacement Limits & System Integrity:

M134 Gun Operating Life	1,500,000 rounds
Gun Housing Life - steel	1,000,000 rounds
Gun Housing Life - titanium	300,000 rounds
Feeder/Delinker	1,500,000 rounds
Barrel Group Life	100,000 rounds
Bolt Set Life	250,000 rounds
Firing Pin Springs	125,000 rounds

Recommended Service Life/Replacement Limits & System Integrity continued:

All other weapon components on condition	
Reliability	500,000 MRBF
Mean Rounds Between Jams	30,000

Power Requirements:

continuous	24 - 28 vdc, 58 amps
vac	available

Recoil Forces (at 3,000 SPM)

Average	150 lbs./67.5 kgs.
Peak	300 lbs./135 kgs.

Operating Temperature Range:

from -65°F/-53°C to +165°F/+73°C

Barrels:

Length	22 in./55.88 cm.
Weight - Heavy Barrel	2.85 lbs./1.29 kgs.
Weight - Light Barrel	2.45 lbs./1.11 kgs.
Rotation of Barrel Cluster	Counterclockwise from breech end
Grooves	4
Twist	Right Hand
Length	20 in./50.8 cm.
One Turn In	10 in./25.4 cm.

Mounts:

Huey Mount Assembly - per side:	34.1 lbs./15.47 kgs.
Chinook Mount Assembly - per side:	45 lbs./20.41 kgs.
Black Hawk Mount Assembly - per side:	
Dillon Aero:	22.9 lbs./10.39 kgs.
General Dynamics:	41.8 lbs./18.96 kgs.

Mount Subassemblies:

Yoke Assembly, Steel	3.6 lbs./1.63 kgs.
Yoke Assembly, Titanium	2.3 lbs./1.04 kgs.
Vertical Arm, Steel	9.3 lbs./4.22 kgs.
Vertical Arm, Titanium	5.5 lbs./2.49 kgs.
Vertical Arm, General Dynamics	12.6 lbs./5.72 kgs.
Height (from mounting surface):	13.45 in./34.16 cm.

DVRM HMMWV Ring Mounts:

	DVRM-1	DVRM-2/3
Ring Diameter	42 in./106.68 cm.	N/A
Height:	45 in./114.3 cm.	24.5 in./62.23 cm.
Length:	53.5 in./135.89 cm.	35.25 in./89.54 cm.
Width:	48 in./121.92 cm.	43.13 in./109.55 cm.
Weight:	374 lbs./169.65 kgs.	250 lbs./113.4 kgs.
Install Time:	60 minutes	30 Minutes

Dillon Aero, Inc.

(800) 881-4231 • (480) 444-2919 • FAX (480) 948-6616 • www.dillonaero.com