

DCS AV-8B NA - WEIGHT AND LIMITATIONS REFERENCE CARD

Data from DCS Loading-Editor V 2.5 Beta, Limitations from NATOPS for Pegasus Engine F402-RR-408
03.03.2018, Virus_AT

Type	Weight in lbs
Water Tank	500
Internal Fuel max.	7.759
Ordonance, Equipment max.	8.522
Airframe	14.305
	31.086

Max. Rolling takeoff weight	at Seal Level	31.086
Max. VSTOL landing weight	at Seal Level	20.755

Missile	Name	Weight in lbs
AIM-9M	Sidewinder	225
AGM-122	Sidarm	236
AGM-65 H	Maverick	589
AGM-65 D	Maverick	610
AGM-65 G	Maverick	794
AGM-65 K	Maverick	924

Bombs	Name	Weight in lbs
MK-81		260
MK-20	Rockeye	489
MK-82	SnakeEye, Air	511
MK-82	Standard	531
GBU-12		606
MK-83		985
2 x MK-20	Rockeye	1.111
2 x MK-82	Standard, SnakeEye, Air	1.195
GBU-16		1.243
2 x GBU-12		1.345
3 x MK-82	Standard, SnakeEye, Air	1.726
3 x GBU-12		1.951

Rockets	Name	Weight in lbs
7 M257	LAU-68 2.75'	220
7 Mk1 HE	LAU-68 FFAR	260
7 Mk5 HEAT	LAU-68 FFAR	262
7 M156 WP	LAU-68 FFAR	282
19 Mk1 HE	LAU-3 FFAR	628
19 Mk5 HEAT	LAU-3 FFAR	631
19 M156 WP	LAU-3 FFAR	690
4 MK-71	LAU-10 Zuni	970
3 x 7 M151 HE	LAU-68 2.75'	1.548
3 x 7 M156 WP	LAU-68 2.75'	1.548
3 x 7 M257	LAU-68 2.75'	1.548
3 x 7 Mk5 HE	LAU-68 2.75'	1.548

Equipment	Name	lbs
Aero 1 D (empty)	Fuel Tank	207
AN/ALQ-164	DECM Pod	317
AN-AAQ/28	Litening Targetpod	661
GAU 12	Gunpod	1.314

Airspeed Limiations	15 degrees, 1015,32 Hg	kts
Canopy open		40
Max. airspeed for STOL flaps landing		130
Wheels in contact with ground		180
Landing gear emergency Extension		210
Landing gear operation		250
Air refueling probe extended		300
Flaps: cruise		580
Max. Speed		585