

McDonnell Douglas F/A-18 Hornet

An ADC is provided for the:

- F/A-18A

F/A-18A Hornet										Crew: Pilot			
					Maneuver HFPs/DPs:					LR/DR 1.0 1.0			
					VR 0.0								
					Turn DPs:					CL 1/2 DT			
					TT 1.0/1.0 1.0/1.0 1.0/1.0								
					HT 1.0/2.0 1.0/2.0 2.0/3.0								
					BT 2.0/3.0 3.0/4.0 3.0/4.0								
					ET 3.0/4.0 4.0/5.0 —								
					Automatic maneuvering flaps. If speed ≤ 3.5, use higher drag.								
Speeds and Ceilings										Climb Capabilities			
Alt. Band	Conf. Ceil.	CL 60	1/2 56	DT 49	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	Alt. Band				
EH+	46+	3.0 – 12.0	3.5 – 11.0	4.0 – 9.5	14.0	2.0 1.0	1.0 0.5	1.0 0.0	EH+				
VH	36–45	2.5 – 12.0	3.0 – 11.0	3.5 – 9.0	14.0	3.0 1.0	2.0 0.5	1.0 0.5	VH				
HI	26–35	2.0 – 11.5	2.0 – 10.5	2.5 – 9.0	13.0	4.0 1.0	3.0 1.0	1.0 0.5	HI				
MH	17–25	1.5 – 11.0	1.5 – 10.0	2.0 – 8.0	12.0	6.0 2.0	4.0 1.0	2.0 1.0	MH				
ML	8–16	1.5 – 10.0	1.5 – 9.0	2.0 – 8.0	12.0	6.0 2.0	6.0 1.0	2.0 1.0	ML				
LO	0–7	1.0 – 9.0	1.5 – 8.0	2.0 – 7.0	11.0	8.0 3.0	8.0 2.0	3.0 1.0	LO				
Radar: APG-65		ECM: IFF	Weapon Stations Diagram:										
ECCM:	3	RWR: B											
Arcs:	150+	DDS: B											
Search:	180–40	DJM: B4											
Track:	120–40	AJM: —											
Lock-On:	8	BJM: —											
Guns: 20 mm M61 Vulcan		Technology:			Load Point Limits:					CL : 0–6			
To Hit:	7/5/3	Look-Down Radar, Auto-Track Radar, Track-While-Scan Radar (10), Target-ID Radar, HUD Interface, and IR Uncage			1/2: 7–12								
Ammunition:	3.0				Weight Limit: 17,000					DT : 13+			
Gunsight:	TT+0/HT+0/BT+1				Station					Allowed Loads			
Ranging:	IG				1 and 9	250	IRM						
AtA/AtG:	6/8*				2 and 8	2,500	BB BG BS RP RG RS WR ARM ASM IRM RHM EP DP LP						
Bomb System: Advanced					3 and 7	3,000	BB BG BS RP RG RS GP FT WR ARM ASM EP DP LP						
					4 and 6	500	RHM OP LP						
					5	3,000	BB BG BS DR TR GP WP DP FT						
Notes:										Load Notes:			
1. The McDonnell Douglas F/A-18A Hornet is a carrier-capable all-weather fighter and attack aircraft. The version described here is the initial one that entered service in 1983, equipped with the APG-65 radar and ALQ-126B DJM.										1. Weight limit for catapult take-off is 13,400.			
2. Fly-by-wire (FBW). Good supersonic maneuverability (GSSM). High pitch rate (HPR). High roll rate (HRR). Rapid power response (RPR).										2. Stations 2 and 8 may each carry two IRMs in addition to other non-missile stores.			
3. Maneuvering flaps at speed ≤ 3.5.										3. May use AIM-9 IRMs and AIM-7 RHMs.			
										4. May use AGM-88 and AGM-122 ARMs.			
										5. May use 330 US gal (1250L) FTs. May use 480 US gal (1800L) FTs for ferry flights.			
										VPs: 36/24/12/6			
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