

## **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															
Power APs/DPs/FPs: ○○										Turn DPs:									
CL		1/2		DT		Fuel		CL		1/2		DT							
AB		4.0		3.0		2.5		12.0		TT		1.0/1.0 1.0/1.0 1.0/1.0							
M		2.0		1.5		1.0		4.0		HT		1.0/2.0 1.0/2.0 2.0/3.0							
N		0.0		0.0		0.0		2.0		BT		2.0/3.0 3.0/4.0 3.0/4.0							
I		0.5		0.5		1.0		0.0		ET		3.0/4.0 4.0/5.0 —							
SPBR		1.0		1.0		1.0		—		Automatic maneuvering flaps. If speed ≤ 3.5, use higher drag.									
Cruise Speed: 5.5					Restr. Arcs: -														
Climb Speed: 4.5					Blind Arcs: 30L														
Visibility: 7					Internal Fuel: 540														
Size: +0					AtA Refuel: Yes														
Vulnerability: +1					Ejection Seat: Adv														
Speeds and Ceilings						Climb Capabilities													
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT		Alt.			
Band Ceil.		60		56		49		Speed		AB Oth		AB Oth		AB Oth		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: —					Load Point Limits: CL : 0–6 1/2: 7–12 Weight Limit: 17,000 DT : 13+									
Guns: 20 mm M61 Vulcan					Technology:														
To Hit: 7/5/3					Look-Down Radar, Auto-Track Radar, Track-While-Scan Radar (10), Target-ID Radar, HUD Interface, and IR Uncage														
Ammunition: 3.0																			
Gunsight: TT+0/HT+0/BT+1																			
Ranging: IG																			
AtA/AtG: 6/8*					Notes: 1. The McDonnell Douglas F/A-18A Hortnet 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. 2. Fly-by-wire (FBW). Good supersonic maneuverability (GSSM). High pitch rate (HPR). High roll rate (HRR). Rapid power response (RPR). 3. Maneuvering flaps at speed ≤ 3.5.					Station Limit Allowed Loads									
Bomb System: Advanced										1 and 9 250 IRM									
										2 and 8 2,500 BB BG BS RP RG RS WR ARM ASM IRM RHM EP DP LP									
										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														
					Load Notes: 1. Weight limit for catapult take-off is 13,400. 2. Stations 2 and 8 may each carry two IRMs in addition to other non-missile stores. 3. May use AIM-9 IRMs and AIM-7 RHM. 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								v1.0000000 0000-00-00T00:00:00						