

## **McDonnell Douglas F/A-18 Hornet**

An ADC is provided for the:

- F/A-18A

<div><div>F/A-18A Hornet</div><div><div>Power APs/DPs:</div><div><div>CL1/2DTFuel</div><div>AB4.03.02.512.0</div><div>M2.01.51.04.0</div><div>N0.00.00.02.0</div><div>I1.01.02.00.0</div><div>SPBR2.02.02.0—</div></div></div><div><div>○○</div><div>Cruise Spd. CL: 5.5</div><div>Restr. Arcs: -</div><div>Climb Spd.: 4.5</div><div>Blind Arcs: 30L</div><div>Visibility: 7</div><div>Internal Fuel: 540</div><div>Size: +0</div><div>AtA Refuel: Yes</div><div>Vulnerability: +1</div><div>Ejection Seat: Adv</div></div></div>						<div>Crew: Pilot</div> <div><div>Maneuver HFPs/DPs:</div><div><div>LR/DR1.01.0</div><div>VR0.0</div></div><div><div>Turn DPs:</div><div><div>CL1/2DT</div><div>TT1.0/1.01.0/1.01.0/1.0</div><div>HT1.0/2.01.0/2.02.0/3.0</div><div>BT2.0/3.03.0/4.03.0/4.0</div><div>ET3.0/4.04.0/5.0—</div></div><div>Automatic maneuvering flaps. If speed ≤ 3.5, use higher drag.</div></div></div>					
						<div>Speeds and Ceilings</div> <div><div><div>Alt. Conf. Band Ceil.</div><div>CL60</div><div>1/256</div><div>DT49</div><div>Dive Speed</div></div><div><div><div>CL</div><div>1/2</div><div>DT</div></div><div><div>AB Oth</div><div>AB Oth</div><div>AB Oth</div></div><div><div>EH+46+3.0 – 12.03.5 – 11.04.0 – 9.514.02.01.01.00.51.00.0EH+</div><div>VH36–452.5 – 12.03.0 – 11.03.5 – 9.014.03.01.02.00.51.00.5VH</div><div>HI26–352.0 – 11.52.0 – 10.52.5 – 9.013.04.01.03.01.01.00.5HI</div><div>MH17–251.5 – 11.01.5 – 10.02.0 – 8.012.06.02.04.01.02.01.0MH</div><div>ML8–161.5 – 10.01.5 – 9.02.0 – 8.012.06.02.06.01.02.01.0ML</div><div>LO0–71.0 – 9.01.5 – 8.02.0 – 7.011.08.03.08.02.03.01.0LO</div></div></div></div>					
						<div>Weapon Stations Diagram:</div>					
						<div><div><div>Radar:APG-65</div><div>ECCM:3</div><div>Arcs:150+</div><div>Search:180–40</div><div>Track:120–40</div><div>Lock-On:8</div></div><div><div>ECM:IFF</div><div>RWR:B</div><div>DDS:B</div><div>DJM:B4</div><div>AJM:—</div><div>BJM:—</div></div><div><div>Guns:20 mm M61 Vulcan</div><div>To Hit:7/5/3</div><div>Ammunition:3.0</div><div>Gunsight:TT+0/HT+0/BT+1</div><div>Ranging:IG</div><div>AtA/AtG:6/8*</div><div>Bomb System:Advanced</div></div><div><div>Technology:</div><div>Look-Down Radar, Auto-Track Radar, Track-While-Scan Radar (10), Target-ID Radar, HUD Interface, and IR Uncage</div></div><div><div>Load Point Limits:</div><div>CL : 0–6</div><div>1/2: 7–12</div><div>Weight Limit:17,000</div><div>DT : 13+</div><div><div><div>StationLimitAllowed Loads</div><div>1 and 9250IRM</div><div>2 and 82,500BB BG BS RP RG RS WR ARM ASM IRM RHM EP DP LP</div><div>3 and 73,000BB BG BS RP RG RS GP FT WR ARM ASM EP DP LP</div><div>4 and 6500RHM OP LP</div><div>53,000BB BG BS DR TR GP WP DP FT</div></div><div><div>Load Notes:</div><div>1. Weight limit for catapult take-off is 13,400.</div><div>2. Stations 2 and 8 may each carry two IRMs in addition to other non-missile stores.</div><div>3. May use AIM-9 IRMs and AIM-7 RHM.</div><div>4. May use AGM-88 and AGM-122 ARMs.</div><div>5. May use 330 US gal (1250L) FTs. May use 480 US gal (1800L) FTs for ferry flights.</div></div></div></div></div>					

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.

VPs: 36/24/12/6

v2 000000000000-00-00T00:00:00