

MILITARY AIRCRAFT DIRECTORY

Manufacturer Aircraft Mission	Powerplant	Max power (kW) Max thrust dry (lb) Max thrust reheat (lb)	Wing span (m) Wing area (m ²) Overall length (m) Fuselage length (m) Fuselage height (m)	OEW (kg) MTOW (kg) MLW (kg) Max payload (kg) Max weapon load ext (kg) Max weapon load int (kg)	Range, max payload (km) Range, max fuel (km) Endurance (h) Combat radius, max payload, no refuel (km) Hardpoints	Cruise (kt) Mmo Max speed (kt) Max landing dist, sea level ISA (m) Max take-off dist, sea level ISA (m)	Max ceiling (ft)	Typical crew	Internal fuel (kg) Fuel, std int (litre) Fuel, opt ext (litre) Air refuel? Air refuel optional?
Comments									
CHENGDU									
FC-1 Fighter/attack	1 x Klimov RD-33 turbofan	- 11,110 18,300	9.50 - 13.95 - 5.02	9,300 12,500 - - 3,600	- 2,200 - 700 7	- M1.8 - 700 500	52,000	1	- - - - -
DAIMLERCHRYSLER AEROSPACE									
Mako Advanced trainer/light attack	1 x Eurojet EJ100 turbofan	- 13,500	8 25.1 13.75 - 4.5	5,582 12,500 - - -	- - - - 7	- M1.6 - - -	50,000	2	2,850 - - - No Yes
SAAB									
JAS39A Gripen Fighter/attack/recon	1 x Volvo RM12 turbofan	- 12,150 18,113	8.4 30 14.1 14.1 4.5	6,622 14,000 - - 4,500	3,000 - - 800 8	- M2 - 500 400	-	1	- 3,300 3,300 - under development -
<i>Three of the eight hardpoints are wet, JAS39B is 14.76m long</i>									
BOEING/BAE SYSTEMS									
AV-8B Harrier II Plus Attack	1 x RR Pegasus 11-61 turbofan	- 23,850	9.25 21.4 14.6 14.53 3.5	5,900 14,100 9,000 5,973 5,339	- 1,480 3h 1,110 9	585 M1 - 0 455	45,000	1	3,530 4,540 4,500 No Yes
<i>MLW is for vertical landing, TAV-8B is 15.8m long and 4.1m high</i>									
BAE SYSTEMS/BOEING									
Harrier GR7 Attack	1 x RR Pegasus 11-21 turbofan	- 21,450	9.25 21.37 14.53 14.36 3.5	6,969 14,515 9,000 - 4,175	- - - 1,110 9	585 M0.87 - 0 435	45,000	1	3,451 4,540 - No Yes
<i>MLW is for vertical landing, T10 is 15.8m long and 4.1m high</i>									
SUKHOI									
Su-25BM Frogfoot Attack	2 x Soyuz R-195 turbojet	- 9,945	14.36 33.7 - 15.53 4.8	9,500 14,600 10,800 - 4,340	- 1,850 - 510 9	- M0.82 - 600 900	22,965	1	6,614 - 3,280 Yes Yes
DASSAULT									
Mirage F1 Fighter/attack	1 x Snecma Atar 9K50 turbojet	- 11,070 15,885	8.4 25 - 15 4.5	8,100 15,200 - - 4,800	- - - 2h 15min 740 7	- M2.2 - 1,260 - -	52,000	1	3,200 - - 1,800kg Yes No
<i>Endurance is for combat air patrol</i>									
SEPECAT									
Jaguar Attack	2 x RR Turboméca Adour 811 turbofan	- 5,535 8,415	8.7 24.2 16.83 15.52 4.89	7,000 15,700 - - 4,760	- 3,520 - 535 7	700 M1.4 920 785 940	45,930	1	3,337 4,200 3,600 Yes No
<i>Two hardpoints are overwing missile rails</i>									
ISRAEL AIRCRAFT INDUSTRIES									
Kfir C10 (Kfir 2000) Fighter/attack	1 x GE J79-J1E turbojet	- 11,900 18,770	8.22 34.8 - 15.77 4.5	7,285 16,200 - - 5,540	- 1,685 - 888 9	- M2.2 750 - -	55,000	1	- 3,191 4,586 Yes No
DASSAULT									
Mirage 2000-5MKII Fighter/attack	1 x Snecma M53-P2 turbofan	- 14,470 21,375	9.1 41 - 14.4 5.2	8,000 17,500 - - 6,300	1,550 1,852 - 2h 30min 1,500 9	800 2.2M - 600 500	56,000	1	3,200 4,000 4,200kg Yes Yes
MIKOYAN									
MIG-23ML Flogger G Fighter/attack	1 x Soyuz R35-300 turbojet	- 18,850 28,660	7.8/13.97 34.16/37.35 - 16.71 4.82	10,200 17,800 - - 3,000	- 3,000 - 1,150 5	850 M2.35 - 1,350 -	60,700	1	- 4,250 2,400 Yes Yes
<i>Wing span and area are swept and unswept</i>									
CHENGDU									
F-10 (J-10) Fighter/attack	1 x Klimov RD-93 turbofan	- 11,115 18,315	8.78 33.05 - 14.57 4.78	- 18,370 - - 7,260	- - - - -	- M1.85 800 - -	-	1	2,625 - 4,164kg No No
<i>Figures are estimates</i>									