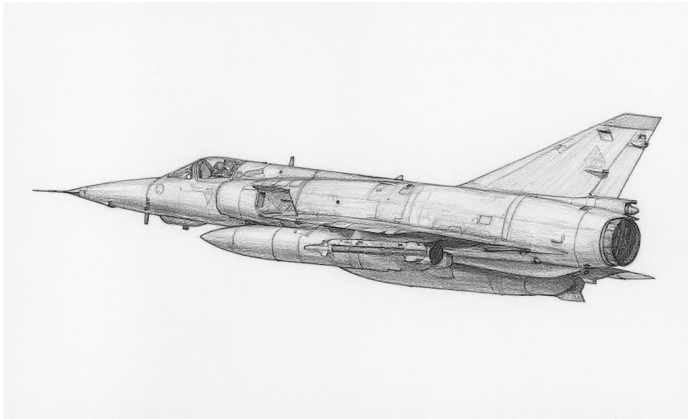


Dassault Mirage 5



The Mirage 5 is a day fighter and strike aircraft. It was developed by Dassault at the suggestion of the IAF, and to a large degree is a Mirage IIIE with the radar and other all-weather avionics removed and replaced by additional fuel and with an additional pair of weapon stations. In some later versions, more compact electronics allowed all-weather capabilities to be restored.

Versions

Mirage 5F

The Mirage 5F was the original version built for Israel but eventually being used by France.

These aircraft were originally built for Israel as the 5J. However, when delivery to Israel was blocked by the 1967 embargo, they entered service with the Armée de l'air as the 5F around 1970.

Mirage 5BA

The 5BA was a strike version for the Belgian Air Force. Changes included US avionics. It entered service in 1970 and was retired at the end of the 1980s.

Armament and Stores

The internal armament of the Mirage 5 was two 30 mm DEFA cannons. The external options were similar to the Mirage III, although RHMs were obviously not used on models without radar.

Combat

ADCs

- Mirage 5F
- Mirage 5BA

See Also

- Dassault Mirage III

Photo Credit

- Mirage 5: Chris Lofting (GFDL 1.2)

Mirage 5F										Crew: Pilot																			
										Maneuver HFPs/DPs:																			
LR/DR		1.0		1.0																									
VR				0.0																									
Power APs/DPs: ○				Turn DPs:																									
CL		1/2		DT		Fuel		CL		1/2		DT																	
AB		2.5		2.0		1.5		5.0		TT		2.0		2.0		2.0													
M		1.5		1.0		1.0		2.0		HT		3.0		3.0		4.0													
N		0.0		0.0		0.0		1.0		BT		5.0		—		—													
I		1.0		1.0		2.0		0.0		ET		—		—		—													
SPBR		1.0		2.0		2.0		—																					
					Cruise Spd. CL: 6.0					Restr. Arcs: —																			
					Climb Spd.: 0.0					Blind Arcs: 30–																			
					Visibility: 6					Internal Fuel: 325																			
					Size: +0					AtA Refuel: No																			
					Vulnerability: +0					Ejection Seat: Std																			
Speeds and Ceilings										Climb Capabilities																			
Alt.		Conf.		CL		1/2		DT		Dive		CL		1/2		DT													
Band		Ceil.		52		44		35		Speed		AB Oth		AB Oth		AB Oth													
EH+		46+		4.5 – 13.5		—		—		14.0		0.5 —		— —		— —		EH+											
VH		36–45		3.5 – 13.0		4.0 – 10.5		4.5 – 8.5		14.0		1.0 0.5		1.0 0.0		0.5 0.0		VH											
HI		26–35		3.0 – 11.0		3.5 – 10.0		4.0 – 8.0		13.0		2.0 1.0		1.0 0.5		1.0 0.5		HI											
MH		17–25		2.5 – 10.0		3.0 – 9.0		3.5 – 7.5		12.0		2.0 1.0		1.0 0.5		1.0 0.5		MH											
ML		8–16		2.0 – 9.0		2.5 – 8.0		2.5 – 6.5		11.0		4.0 2.0		2.0 1.0		2.0 1.0		ML											
LO		0–7		2.0 – 8.5		2.0 – 7.5		2.5 – 6.0		10.0		4.0 2.0		2.0 1.0		2.0 1.0		LO											
Radar:					Alpha-II					ECM:					IFF					Weapon Stations Diagram:									
ECCM:					0					RWR:					B														
Arcs:					Limited					DDS:					—														
Search:					—					DJM:					—														
Track:					8–8					AJM:					—														
Lock-On:					7					BJM:					—														
Guns:					Two 30 mm DEFA					Technology:					Load Point Limits:					CL : 0–6									
To Hit:					6/3/2					None										1/2: 7–9									
Ammunition:					3.0										Weight Limit:					9,200					DT : 10+				
Gunsight:					TT+0/HT+0/BT+2										Station					Limit					Allowed Loads				
Ranging:					RE										1 and 7					550					BB BG RP RK IRM EP				
AtA/AtG:					6/6										2 and 4					2,200					BB BG RP RG RS RK GP ARM ASM DR FT RPT MRT				
Bomb System:					Ballistic										3 and 5					1,100					BB				
															4					2,200					BB BG RP RG RS RK GP ARM ASM PP EP WR WP FT IRM				
Notes:															Load Notes:														
1. The Dassault Mirage 5F is a day attack aircraft.															1. Stations 3 and 5 are under the rear fuselage.														
2. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).															2. Stations 2 and 4 may be overloaded to 3000 lb.														
															3. May carry two BBs on station 4 without using a WR.														
															4. May use AIM-9 and Matra 550 IRMs on stations 1 and 7														
															5. May use Matra 530 IRMs on station 4.														
															6. May use AS-37 ASMs.														
VPs: 21/14/7/4																				v2 00000000 0000-00-00T00:00:00									

Mirage 5BA										Crew: Pilot																			
										Maneuver HFPs/DPs:																			
LR/DR		1.0		1.0																									
VR				0.0																									
Turn DPs:																													
		CL		1/2		DT																							
TT		2.0		2.0		2.0																							
HT		3.0		3.0		4.0																							
BT		5.0		—		—																							
ET		—		—		—																							
Power APs/DPs: ○					Cruise Spd. CL: 6.0					Restr. Arcs: —																			
					Climb Spd.: 0.0					Blind Arcs: 30–																			
					Visibility: 6					Internal Fuel: 325																			
					Size: +0					AtA Refuel: No																			
					Vulnerability: +0					Ejection Seat: Std																			
Speeds and Ceilings						Climb Capabilities																							
Alt. Band		Conf. Ceil.		CL 52		1/2 44		DT 35		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth													
EH+		46+		4.5 – 13.5		—		—		14.0		0.5 —		— —		— —		EH+											
VH		36–45		3.5 – 13.0		4.0 – 10.5		4.5 – 8.5		14.0		1.0 0.5		1.0 0.0		0.5 0.0		VH											
HI		26–35		3.0 – 11.0		3.5 – 10.0		4.0 – 8.0		13.0		2.0 1.0		1.0 0.5		1.0 0.5		HI											
MH		17–25		2.5 – 10.0		3.0 – 9.0		3.5 – 7.5		12.0		2.0 1.0		1.0 0.5		1.0 0.5		MH											
ML		8–16		2.0 – 9.0		2.5 – 8.0		2.5 – 6.5		11.0		4.0 2.0		2.0 1.0		2.0 1.0		ML											
LO		0–7		2.0 – 8.5		2.0 – 7.5		2.5 – 6.0		10.0		4.0 2.0		2.0 1.0		2.0 1.0		LO											
Radar:					Alpha-II					ECM:					IFF					Weapon Stations Diagram:									
ECCM:					0					RWR:					B														
Arcs:					Limited					DDS:					—														
Search:					—					DJM:					—														
Track:					8–8					AJM:					—														
Lock-On:					7					BJM:					—														
Guns:					Two 30 mm DEFA					Technology:					Load Point Limits:					CL : 0–6									
To Hit:					6/3/2					None										1/2: 7–9									
Ammunition:					3.0										Weight Limit:					9,200 DT : 10+									
Gunsight:					TT+0/HT+0/BT+2										Station					Limit					Allowed Loads				
Ranging:					RE										1 and 7					550					BB BG RP RK IRM EP				
AtA/AtG:					6/6										2 and 4					2,200					BB BG RP RG RS RK GP ARM ASM DR FT RPT MRT				
Bomb System:					Ballistic										3 and 5					1,100					BB				
															4					2,200					BB BG RP RG RS RK GP ARM ASM PP EP WR WP FT IRM				
Notes:															Load Notes:														
1. The Mirage 5BA is a single-seat day attack aircraft built for the Belgian Air Force.															1. Stations 3 and 5 are under the rear fuselage.														
2. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).															2. Stations 2 and 4 may be overloaded to 3000 lb.														
															3. May carry two BBs on station 4 without using a WR.														
															4. May use AIM-9 IRMs on stations 1 and 7														
															VPs: 21/14/7/4														
																				v2 0000000 0000-00-00T00:00:00									