

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:									
Power APs/DPs: ○										LR/DR	1.0	1.0							
CL 1/2 DT Fuel										VR	0.0								
AB	2.5	2.0	1.5	5.0						Turn DPs:									
M	1.5	1.0	1.0	2.0						CL	1/2	DT							
N	0.0	0.0	0.0	1.0						TT	2.0	2.0	2.0						
I	1.0	1.0	2.0	0.0	Cruise Spd. CL: 6.0 Restr. Arcs: —					HT	3.0	3.0	4.0						
SPBR	1.0	2.0	2.0	—	Climb Spd.: 0.0 Blind Arcs: 30–					BT	5.0	—	—						
					Visibility: 6 Internal Fuel: 325					ET	—	—	—						
					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:											
To Hit:	6/3/2	None						CL : 0–6											
Ammunition:	3.0							1/2: 7–9											
Gunsight:	TT+0/HT+0/BT+2							Weight Limit: 9,200											
Ranging:	RE							DT : 10+											
AtA/AtG:	6/6																		
Bomb System: Ballistic																			
Notes:																			
1. The Dassault Mirage 5F is a day attack aircraft. 2. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).																			

Mirage 5BA					Crew: Pilot				
					Maneuver HFPs/DPs:				
Power APs/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	—	—	—	