

Dassault Mirage III



The Dassault Mirage III is a supersonic interceptor and multirole aircraft.

Versions

Mirage IIIEA

The IIIEA version was bought by the Argentinian FAA and saw combat in the South Atlantic War.

Armament and Stores

The gun armament is two 30 mm DEFA cannons.

For air-to-air missions, the central station can carry an R.530 RHM or IRM, and the two outer wing stations can carry R.550 Magic IRMs.

To increase endurance, 500L, 900L, 1100L, 1300L, or 1700L fuel tanks could be carried, although only the 500L and 900L tanks could be carried at supersonic speeds. Not all tanks were available to all users. The original French 500L tanks were fixed, but jettisonable versions were later developed by Israel.

Combat

Argentine FAA Mirage IIIEAs saw combat in the 1982 South Atlantic War.

ADCs

- Mirage IIIEA

See Also

- Dassault Mirage 5

Photo Credit

- Mirage III: Curt Eddings (Public Domain)

Mirage IIIEA					Crew: Pilot									
					Maneuver HFPs/DPs:									
Power APs/DPs/FPs: ○					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	1.0	2.0	2.0						
I	0.5	0.5	1.0	0.0	HT	2.0	3.0	3.0						
SPBR	0.5	0.5	1.0	—	BT	3.0	4.0	5.0						
Cruise Speed: 6.0 Restr. Arcs: —					ET	4.0	—	—						
Climb Speed: 4.5 Blind Arcs: 30—														
Visibility: 6 Internal Fuel: 285														
Size: +0 AtA Refuel: No														
Vulnerability: +0 Ejection Seat: Std														
Speeds and Ceilings														
Alt.	Conf.	CL	1/2	DT	Dive	CL	1/2	DT	Alt.					
Band	Ceil.	54	48	40	Speed	AB Oth	AB Oth	AB Oth	Band					
EH+	46+	4.5 – 14.0	—	—	15.0	0.5 0.0	— —	— —	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	3.0 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	3.0 1.0	2.0 1.0	LO					
Radar: Cyrano II		ECM:	IFF	Weapon Stations Diagram:										
ECCM:	0	RWR:	—											
Arcs:	180+	DDS:	—											
Search:	80–15	DJM:	—											
Track:	50–12	AJM:	—											
Lock-On:	7	BJM:	—											
Guns: Two 30 mm DEFA		Technology:		Load Point Limits:										
To Hit:	6/3/2	None		CL : 0–4										
Ammunition:	3.0			1/2: 5–8										
Gunsight:	TT+0/HT+0/BT+2			Weight Limit: 8,800										
Ranging:	RE			DT : 9+										
AtA/AtG:	6/6			Station Limit Allowed Loads										
Bomb System: Manual				1 and 5	550	IRM								
				2 and 4	3,000	BB DR FT MRT								
				3	2,600	BB RHM FT DR								
Notes:														
1. The Dassault Mirage IIIEA is single-seat fighter, interceptor, and strike aircraft. The EA version was specifically built for the Argentine air force. 2. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).														
Load Notes:														
1. May carry two BBs or DRs on station 3. 2. May use Matra R.550 Magic IRMs on stations 1 and 5. 3. May use Matra R.530 RHMs on station 3. 4. May carry 1300L FTs on station 2, 3, and 4 and 1700L FTs on stations 2 and 4. 5. No supersonic flight while carrying FTs.														
VPs: 22/15/7/4								v1.0000000 0000-00-00T00:00:00						