

Grumman F9F Cougar

- F9F-6
- F9F-6P
- F9F-8
- F9F-8P
- F9F-8B
- F9F-8T
- TF-9J

See Also

- Grumman F9F Panther

F9F-6 Cougar										Crew: Pilot								
					Maneuver DPs:					LR/DR 1.5 VR 0.5								
Power APs/DPs: ○					Turn DPs:					CL 1/2 DT TT 1.0 1.0 1.0 HT 1.0 1.0 1.5 BT 2.0 2.0 2.0 ET — — —								
AB CL 1/2 DT Fuel					Cruise Spd. CL: 5.0 Restr. Arcs: — Climb Spd.: 3.5 Blind Arcs: 30– Visibility: 5 Internal Fuel: 345 Size: +0 AtA Refuel: No Vulnerability: +0 Ejection Seat: Early													
Speeds and Ceilings					Climb Capabilities													
Alt. Band	Conf. Ceil.	CL 44	1/2 40	DT 38	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth										
EH+	46+	—	—	—	—	— —	— —	— —	EH+									
VH	36–45	3.0 – 5.5	3.5 – 5.5	—	6.5	— 0.5	— 0.5	— —	VH									
HI	26–35	2.5 – 6.0	3.0 – 5.5	3.5 – 5.0	7.0	— 0.5	— 0.5	— 0.5	HI									
MH	17–25	2.0 – 6.5	2.5 – 6.0	2.5 – 5.5	7.0	— 1.0	— 1.0	— 0.5	MH									
ML	8–16	1.5 – 6.5	2.0 – 6.0	2.0 – 5.5	7.5	— 1.0	— 1.0	— 0.5	ML									
LO	0–7	1.5 – 6.5	1.5 – 6.5	2.0 – 6.0	7.5	— 1.0	— 1.0	— 1.0	LO									
Radar: APG-30A		ECM: IFF		Weapon Stations Diagram:														
ECCM:	—	ECM:	IFF															
Arcs:	—	RWR:	—															
Search:	—	DDS:	—															
Track:	—	DJM:	—															
Lock-On:	6	AJM:	—															
Guns: Four 20 mm M3		Technology:		Load Point Limits: CL : < 5 1/2: < 9														
To Hit:	6/4/3	None																
Ammunition:	8.0			Weight Limit: 2,000 DT : ≥ 9														
Gunsight:	TT+0/HT+1/BT+2			Station Limit Allowed Loads														
Ranging:	RE	1 and 2		1,000 BB FT														
AtA/AtG:	5/6*																	
Bomb System: Manual																		
Notes:																		
1. 2. High transonic drag (HTD).																		
VPs: 9/6/3/2								v3 0000000 0000-00-00T00:00:00										

F9F-6P Cougar					Crew: Pilot								
					Maneuver DPs:								
					LR/DR	1.5							
					VR	0.5							
					Turn DPs:								
					CL	1/2	DT						
					TT	1.0	1.0	1.0					
					HT	1.0	1.0	1.5					
					BT	2.0	2.0	2.0					
					ET	—	—	—					
					Cruise Spd. CL: 5.0	Restr. Arcs: —							
					Climb Spd.: 3.5	Blind Arcs: 30–							
					Visibility: 5	Internal Fuel: 345							
					Size: +0	AtA Refuel: No							
					Vulnerability: +0	Ejection Seat: Early							
Speeds and Ceilings													
Alt.	Conf.	CL	1/2	DT	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth					
Band	Ceil.	44	40	38									
EH+	46+	—	—	—	—	— —	— —	— —	EH+				
VH	36–45	3.0 – 5.5	3.5 – 5.5	—	6.5	— 0.5	— 0.5	— —	VH				
HI	26–35	2.5 – 6.0	3.0 – 5.5	3.5 – 5.0	7.0	— 0.5	— 0.5	— 0.5	HI				
MH	17–25	2.0 – 6.5	2.5 – 6.0	2.5 – 5.5	7.0	— 1.0	— 1.0	— 0.5	MH				
ML	8–16	1.5 – 6.5	2.0 – 6.0	2.0 – 5.5	7.5	— 1.0	— 1.0	— 0.5	ML				
LO	0–7	1.5 – 6.5	1.5 – 6.5	2.0 – 6.0	7.5	— 1.0	— 1.0	— 1.0	LO				
Radar:		—	ECM:	IFF	Weapon Stations Diagram:								
ECCM:		—	RWR:	—									
Arcs:		—	DDS:	—									
Search:		—	DJM:	—									
Track:		—	AJM:	—									
Lock-On:		—	BJM:	—									
Guns:		—	Technology:		Load Point Limits:								
To Hit:		—											
Ammunition:		—			CL : < 5 1/2: < 9								
Gunsight:		TT+0/HT+1/BT+2			Weight Limit: 2,000 DT : ≥ 9								
Ranging:		—											
AtA/AtG:		—			Station Limit Allowed Loads								
Bomb System:		Manual			1 and 2	1,000	BB FT						
Notes:													
1. 2. High transonic drag (HTD). 3. Oblique and overhead cameras in the nose.													
VPs: 9/6/3/2								v3 0000000 0000-00-00T00:00:00					

F9F-8 Cougar					Crew: Pilot				
					Maneuver DPs:				
					LR/DR	1.5			
					VR	0.5			
					Turn DPs:				
					CL	1/2	DT		
					TT	1.0	1.0	1.0	
					HT	1.0	1.0	1.5	
					BT	2.0	2.0	2.0	
					ET	—	—	—	

F9F-8P Cougar					Crew: Pilot				
					Maneuver DPs:				
					LR/DR	1.5			
					VR	0.5			
					Turn DPs:				
					CL	1/2	DT		
					TT	1.0	1.0	1.0	
					HT	1.0	1.0	1.5	
					BT	2.0	2.0	2.0	
					ET	—	—	—	

F9F-8B Cougar					Crew: Pilot
Power APs/DPs: ○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5 VR 0.5
AB — — — —					Turn DPs:
M 1.5 1.0 1.0 1.0					CL 1/2 DT
N 0.0 0.0 0.0 0.5					TT 1.0 1.0 1.0
I 1.0 1.0 1.0 0.0					HT 1.0 1.0 1.5
SPBR 1.0 1.0 2.0 —					BT 2.0 2.0 2.0
Cruise Spd. CL: 5.0 Restr. Arcs: —					ET — — —
Climb Spd.: 3.5 Blind Arcs: 30—					
Visibility: 5 Internal Fuel: 345					
Size: +0 AtA Refuel: Yes					
Vulnerability: +0 Ejection Seat: Early					

Speeds and Ceilings				Climb Capabilities							
Alt.	Conf.	CL	1/2	DT	Dive Speed	CL AB	1/2 AB	DT AB	Oth Oth	Oth Oth	Oth Oth
Alt.	Conf.	CL	1/2	DT	Dive Speed	CL AB	1/2 AB	DT AB	Oth Oth	Oth Oth	Oth Oth
Band	Ceil.	42	38	34							
EH+	46+	—	—	—	—	—	—	—	—	—	EH+
VH	36–45	3.0 – 5.5	3.5 – 5.5	—	6.5	—	0.5	—	0.5	—	VH
HI	26–35	2.5 – 6.0	3.0 – 5.5	3.5 – 5.0	7.0	—	0.5	—	0.5	—	HI
MH	17–25	2.0 – 6.5	2.5 – 6.0	2.5 – 5.5	7.0	—	1.0	—	1.0	—	MH
ML	8–16	1.5 – 6.5	2.0 – 6.0	2.0 – 5.5	7.5	—	1.0	—	1.0	—	ML
LO	0–7	1.5 – 6.5	1.5 – 6.5	2.0 – 6.0	7.5	—	1.0	—	1.0	—	LO

Radar: APG-30A	ECM: IFF	Weapon Stations Diagram:		
ECCM: —	RWR: —			
Arcs: —	DDS: —			
Search: —	DJM: —			
Track: —	AJM: —			
Lock-On: 6	BJM: —			
Guns: Four 20 mm M3	Technology:	Load Point Limits:		
To Hit: 6/4/3	None	CL : < 5		
Ammunition: 8.0		1/2: < 9		
Gunsight: TT+0/HT+1/BT+2		Weight Limit: 4,000		DT : ≥ 9
Ranging: RE		Station 1 and 2	Limit 1,200	Allowed Loads Nuclear BB FT
AtA/AtG: 5/6*				
Bomb System: Manual		Load Notes:		
Notes:		1. Station 1 may carry a Mk 12 nuclear bomb (weight 1200 and load 3.0). 2. Station 2 may carry a 150 gal FT (600L, weight 1100, load 3.0/2.0, and 50 fuel points).		
1.				
2. High transonic drag (HTD).				
			VPs: 12/8/4/2	
			v3 0000000 0000-00-00T00:00:00	

F9F-8T Cougar										Crew: Pilot and Observer	
										Maneuver DPs:	
										LR/DR	1.5
										VR	0.5
										Turn DPs:	
										CL	1/2
										TT	1.0
										HT	1.0
										BT	2.0
										ET	—

TF-9J Cougar					Crew: Pilot and Observer												
					Maneuver DPs:												
Power APs/DPs: ○					LR/DR	1.5											
AB CL 1/2 DT Fuel					VR	0.5											
M	1.5	1.0	1.0	1.0	Turn DPs:												
N	0.0	0.0	0.0	0.5	CL	1/2	DT										
I	1.0	1.0	1.0	0.0	TT	1.0	1.0	1.0									
SPBR	1.0	1.0	2.0	—	HT	1.0	1.0	1.5									
Cruise Spd. CL: 5.0 Restr. Arcs: —					BT	2.0	2.0	2.0									
Climb Spd.: 3.5 Blind Arcs: 30—					ET	—	—	—									
Visibility: 5 Internal Fuel: 345																	
Size: +0 AtA Refuel: Yes																	
Vulnerability: +0 Ejection Seat: Early																	
Speeds and Ceilings																	
Alt.	Conf.	CL	1/2	DT	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth									
Band	Ceil.	42	38	34													
EH+	46+	—	—	—	—	— —	— —	— —	EH+								
VH	36–45	3.0 – 5.5	3.5 – 5.5	—	6.5	— 0.5	— 0.5	— —	VH								
HI	26–35	2.5 – 6.0	3.0 – 5.5	3.5 – 5.0	7.0	— 0.5	— 0.5	— 0.5	HI								
MH	17–25	2.0 – 6.5	2.5 – 6.0	2.5 – 5.5	7.0	— 1.0	— 1.0	— 0.5	MH								
ML	8–16	1.5 – 6.5	2.0 – 6.0	2.0 – 5.5	7.5	— 1.0	— 1.0	— 0.5	ML								
LO	0–7	1.5 – 6.5	1.5 – 6.5	2.0 – 6.0	7.5	— 1.0	— 1.0	— 1.0	LO								
Radar: APG-30A		ECM: IFF		Weapon Stations Diagram:													
ECCM:	—	RWR:	—														
Arcs:	—	DDS:	—														
Search:	—	DJM:	—														
Track:	—	AJM:	—														
Lock-On:	6	BJM:	—														
Guns: Two 20 mm M3		Technology:		Load Point Limits:													
To Hit:	6/4/3	None		CL : < 5 1/2: < 9													
Ammunition:	5.5			Weight Limit: 4,000 DT : ≥ 9													
Gunsight:	TT+0/HT+1/BT+2			Station Limit Allowed Loads													
Ranging:	RE			1 and 6 1,000 BB RK RG FT													
AtA/AtG:	3/4*			2–3 and 4–5 500 BB RK RP IRM													
Bomb System: Manual		Load Notes:		1. May use AIM-9B IRMs and AGM-12 RGs from 1958.													
Notes:																	
1. 2. High transonic drag (HTD).																	
VPs: 12/8/4/2								v3 0000000	0000-00-00T00:00:00								