

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 HFPs/DPs:							
LR/DR		1.0		1.0													
VR				0.0													
Turn DPs:																	
		CL		1/2		DT											
TT		1.0		1.0		1.0											
HT		1.0		1.0		2.0											
BT		3.0		3.0		3.0											
ET		—		—		—											
Power APs/DPs: ○					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. Conf.		CL		1/2		DT		Dive		CL		1/2		DT			
Band Ceil.		44		40		38		Speed		AB Oth		AB Oth		AB Oth			
EH+		46+		—		—		—		—		—		—		EH+	
VH		36–45		3.0 – 5.5		3.5 – 5.5		—		6.5		— 0.5		— 0.5		— 0.5	
HI		26–35		2.5 – 6.0		3.0 – 5.5		3.5 – 5.0		7.0		— 0.5		— 0.5		— 0.5	
MH		17–25		2.0 – 6.5		2.5 – 6.0		2.5 – 5.5		7.0		— 1.0		— 1.0		— 0.5	
ML		8–16		1.5 – 6.5		2.0 – 6.0		2.0 – 5.5		7.5		— 1.0		— 1.0		— 0.5	
LO		0–7		1.5 – 6.5		1.5 – 6.5		2.0 – 6.0		7.5		— 1.0		— 1.0		— 1.0	

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:		None		Load Point Limits:				CL : 0–4			
To Hit:		6/4/3						1/2: 5–8							
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).															

F9F-6P Cougar										Crew: Pilot									
										Maneuver HFPs/DPs:									
LR/DR		1.0		1.0															
VR				0.0															
Turn DPs:																			
		CL		1/2		DT													
TT		1.0		1.0		1.0													
HT		1.0		1.0		2.0													
BT		3.0		3.0		3.0													
ET		—		—		—													
Power APs/DPs: ○					Cruise Spd. CL: 5.0					Restr. Arcs: —									
CL 1/2 DT Fuel					Climb Spd.: 3.5					Blind Arcs: 30–									
AB — — — —					Visibility: 5					Internal Fuel: 345									
M 1.5 1.0 1.0 1.0					Size: +0					AtA Refuel: No									
N 0.0 0.0 0.0 0.5					Vulnerability: +0					Ejection Seat: Early									
I 1.0 1.0 1.0 0.0																			
SPBR 1.0 1.0 2.0 —																			
Speeds and Ceilings										Climb Capabilities									
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT					
Band Ceil.		44		40		38		Speed		AB Oth		AB Oth		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: —					ECM: IFF					Weapon Stations Diagram:									
ECCM: —					RWR: —														
Arcs: —					DDS: —														
Search: —					DJM: —														
Track: —					AJM: —														
Lock-On: —					BJM: —														
Guns: —					Technology:					Load Point Limits: CL : 0–4									
To Hit: —					None					1/2: 5–8									
Ammunition: —										Weight Limit: 2,000 DT : 9+									
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads									
Ranging: —										1 and 2 1,000 BB FT									
AtA/AtG: —																			
Bomb System: Manual																			
Notes:																			
1.																			
2. High transonic drag (HTD).																			
3. Oblique and overhead cameras in the nose.																			
VPs: 9/6/3/2															v2 00000000 0000-00-00T00:00:00				

F9F-8 Cougar										Crew: Pilot						
										Maneuver HFPs/DPs:						
LR/DR		1.0	1.0													
VR			0.0													
Turn DPs:																
Power APs/DPs: ○					CL		1/2	DT								
					AB		—	—	—	—						
M		1.5	1.0	1.0	1.0											
N		0.0	0.0	0.0	0.5											
I		1.0	1.0	1.0	0.0											
SPBR		1.0	1.0	2.0	—											
					Cruise Spd. CL: 5.0		Restr. Arcs: —									
					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		CL		1/2		DT		
Band Ceil.		42		38		34		Speed		AB Oth		AB Oth		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		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: CL : 0–4 1/2: 5–8 Weight Limit: 4,000 DT : 9+							
To Hit:					6/4/3		None									
Ammunition:					8.0											
Gunsight:					TT+0/HT+1/BT+2											
Ranging:					RE											
AtA/AtG:					5/6*											
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							v2 00000000 0000-00-00T00:00:00									

F9F-8P Cougar										Crew: Pilot									
										Maneuver HFPs/DPs:									
LR/DR		1.0		1.0															
VR				0.0															
Turn DPs:																			
Power APs/DPs: ○					Cruise Spd. CL: 5.0 Restr. Arcs: — Climb Spd.: 3.5 Blind Arcs: 30– Visibility: 5 Internal Fuel: 345 Size: +0 AtA Refuel: Yes Vulnerability: +0 Ejection Seat: Early					CL		1/2		DT					
AB		—		—						—									
M		1.5		1.0						1.0		1.0							
N		0.0		0.0						0.0		0.5							
I		1.0		1.0						1.0		0.0							
SPBR		1.0		1.0		2.0		—											
										TT		1.0		1.0		1.0			
										HT		1.0		1.0		2.0			
										BT		3.0		3.0		3.0			
										ET		—		—		—			
Speeds and Ceilings						Climb Capabilities													
Alt. Band		Conf. Ceil.		CL 42		1/2 38		DT 34		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:				—		ECM:		IFF		Weapon Stations Diagram:									
ECCM:				—		RWR:		—											
Arcs:				—		DDS:		—											
Search:				—		DJM:		—											
Track:				—		AJM:		—											
Lock-On:				—		BJM:		—											
Guns:				—		Technology:		None		Load Point Limits:				CL : 0–4					
To Hit:				—						1/2: 5–8									
Ammunition:				—		Weight Limit:				4,000 DT : 9+									
Gunsight:				TT+0/HT+1/BT+2		Station				Limit		Allowed Loads							
Ranging:				—		1 and 6				1,000		BB RK RG FT							
AtA/AtG:				—		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).																			
3. Oblique and overhead cameras in the nose.																			

F9F-8B Cougar										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		—		—		—		TT		1.0		1.0			
M		1.5		1.0		1.0		HT		1.0		1.0			
N		0.0		0.0		0.0		BT		3.0		3.0			
I		1.0		1.0		1.0		ET		—		—			
SPBR		1.0		1.0		2.0									
					Cruise Spd. CL: 5.0 Restr. Arcs: —										
					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		CL		1/2		DT	
Band Ceil.		42		38		34		Speed		AB Oth		AB Oth		AB Oth	
EH+		46+		—		—		—		—		—		EH+	
VH		36–45		3.0 – 5.5		3.5 – 5.5		—		6.5		—		VH	
HI		26–35		2.5 – 6.0		3.0 – 5.5		3.5 – 5.0		7.0		—		HI	
MH		17–25		2.0 – 6.5		2.5 – 6.0		2.5 – 5.5		7.0		—		MH	
ML		8–16		1.5 – 6.5		2.0 – 6.0		2.0 – 5.5		7.5		—		ML	
LO		0–7		1.5 – 6.5		1.5 – 6.5		2.0 – 6.0		7.5		—		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:		None		Load Point Limits:				CL : 0–4	
To Hit:		6/4/3						1/2: 5–8					
Ammunition:		8.0						Weight Limit:		4,000			
Gunsight:		TT+0/HT+1/BT+2						Station		Limit			
Ranging:		RE						1 and 2		1,200			
AtA/AtG:		5/6*								Allowed Loads		Nuclear BB FT	
Bomb System:		Manual										Load Notes:	
Notes: 1. 2. High transonic drag (HTD).								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).					
				VPs: 12/8/4/2				v2 0000000 0000-00-00T00:00:00					

F9F-8T Cougar										Crew: Pilot and Observer																			
										Maneuver HFPs/DPs:																			
LR/DR		1.0		1.0																									
VR				0.0																									
Turn DPs:																													
		CL		1/2		DT																							
TT		1.0		1.0		1.0																							
HT		1.0		1.0		2.0																							
BT		3.0		3.0		3.0																							
ET		—		—		—																							
Power APs/DPs: ○					Cruise Spd. CL: 5.0					Restr. Arcs: —																			
					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		CL		1/2		DT															
Band Ceil.		42		38		34		Speed		AB Oth		AB Oth		AB Oth															
EH+		46+		—		—		—		—		—		—		EH+													
VH		36–45		3.0 – 5.5		3.5 – 5.5		—		6.5		— 0.5		— 0.5		—													
HI		26–35		2.5 – 6.0		3.0 – 5.5		3.5 – 5.0		7.0		— 0.5		— 0.5		— 0.5													
MH		17–25		2.0 – 6.5		2.5 – 6.0		2.5 – 5.5		7.0		— 1.0		— 1.0		— 0.5													
ML		8–16		1.5 – 6.5		2.0 – 6.0		2.0 – 5.5		7.5		— 1.0		— 1.0		— 0.5													
LO		0–7		1.5 – 6.5		1.5 – 6.5		2.0 – 6.0		7.5		— 1.0		— 1.0		— 1.0													
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:					CL : 0–4									
To Hit:					6/4/3					None										1/2: 5–8									
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).																													

TF-9J Cougar										Crew: Pilot and Observer																			
										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		—		—		—		TT		1.0		1.0																	
M		1.5		1.0		1.0		HT		1.0		1.0																	
N		0.0		0.0		0.0		BT		3.0		3.0																	
I		1.0		1.0		1.0		ET		—		—																	
SPBR		1.0		1.0		2.0																							
					Cruise Spd. CL: 5.0 Restr. Arcs: —																								
					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		CL		1/2		DT													
Band		Ceil.		42		38		34		Speed		AB Oth		AB Oth		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:					—					RWR:					—														
Arcs:					—					DDS:					—														
Search:					—					DJM:					—														
Track:					—					AJM:					—														
Lock-On:					6					BJM:					—														
Guns:					Two 20 mm M3					Technology:					Load Point Limits:					CL : 0–4									
To Hit:					6/4/3					None										1/2: 5–8									
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).																													