

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																					
Power APs/DPs/FPs: ○										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		0.5		0.5		0.5		ET		—		—													
SPBR		0.5		0.5		1.0																			
					Cruise Speed: 5.0 Restr. Arcs: —																				
					Climb Speed: 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		Alt.									
Band Ceil.		44		40		38		Speed		AB Oth		AB Oth		AB Oth		Band									
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		7.0		— 0.5		— 0.5		— 0.5		HI									
MH		17–25		2.0 – 6.5		2.5 – 6.0		7.0		— 1.0		— 1.0		— 0.5		MH									
ML		8–16		1.5 – 6.5		2.0 – 6.0		7.5		— 1.0		— 1.0		— 0.5		ML									
LO		0–7		1.5 – 6.5		1.5 – 6.5		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:										Four 20 mm M3		Technology:				Load Point Limits:									
To Hit:										6/4/3		None				CL : 0–4									
Ammunition:										8.0						1/2: 5–8									
Gunsight:										TT+0/HT+1/BT+2						Weight Limit:									
Ranging:										RE						2,000									
AtA/AtG:										5/6*						DT : 9+									
Bomb System:										Manual						Station									
																Limit									
																Allowed Loads									
																1 and 2									
																1,000									
																BB FT									
Notes:																									
1.																									
2. High transonic drag (HTD).																									
																</									

CL1/2DTAlt. AB Oth AB Oth AB Oth Band

— — — — —

— 0.5 — 0.5 — —

— 0.5 — 0.5 — 0.5

— 1.0 — 1.0 — 0.5

— 1.0 — 1.0 — 0.5

— 1.0 — 1.0 — 1.0

EH+VH

HI

MH

ML

LO

F9F-6P Cougar										Crew: Pilot									
										Maneuver HFPs/DPs:									
LR/DR		1.0		1.0															
VR				0.0															
Power APs/DPs/FPs: ○										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		0.5		0.5		0.5		ET		—		—							
SPBR		0.5		0.5		1.0													
					Cruise Speed: 5.0 Restr. Arcs: —														
					Climb Speed: 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		Alt. Band	
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: 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.																						

F9F-8 Cougar										Crew: Pilot																			
										Maneuver HFPs/DPs:																			
LR/DR										1.0		1.0																	
VR										0.0																			
Turn DPs:																													
CL										1/2		DT																	
AB					1.0		1.0		1.0																				
M					1.0		1.0		2.0																				
N					3.0		3.0		3.0																				
I					—		—		—																				
SPBR					—		—		—																				
					Cruise Speed: 5.0					Restr. Arcs: —																			
					Climb Speed: 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		Alt.													
Band Ceil.		42		38		34		Speed		AB Oth		AB Oth		AB Oth		Band													
EH+		46+		—		—		—		—		—		—		EH+													
VH		36–45		3.0 – 5.5		3.5 – 5.5		—		6.5		—		0.5		VH													
HI		26–35		2.5 – 6.0		3.0 – 5.5		3.5 – 5.0		7.0		—		0.5		HI													
MH		17–25		2.0 – 6.5		2.5 – 6.0		2.5 – 5.5		7.0		—		1.0		MH													
ML		8–16		1.5 – 6.5		2.0 – 6.0		2.0 – 5.5		7.5		—		1.0		ML													
LO		0–7		1.5 – 6.5		1.5 – 6.5		2.0 – 6.0		7.5		—		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									
To Hit:					6/4/3					None										1/2: 5–8									
Ammunition:					8.0										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:					5/6*										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).																													

F9F-8P Cougar										Crew: Pilot														
										Maneuver HFPs/DPs:														
LR/DR		1.0		1.0																				
VR				0.0																				
Power APs/DPs/FPs: ○										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		0.5		0.5		0.5		ET		—		—												
SPBR		0.5		0.5		1.0																		
					Cruise Speed: 5.0 Restr. Arcs: —																			
					Climb Speed: 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. Band		Conf. Ceil.		CL 42		1/2 38		DT 34		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth		Alt. Band						
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.																								
VPs: 9/6/3/2										v1.0000000 0000-00-00T00:00:00														

F9F-8B Cougar										Crew: Pilot			
										Maneuver HFPs/DPs:			
LR/DR		1.0		1.0									
VR				0.0									
Power APs/DPs/FPs: ○										Turn DPs:			
CL	1/2	DT	Fuel										
AB	—	—	—										
M	1.5	1.0	1.0										
N	0.0	0.0	0.0										
I	0.5	0.5	0.5										
SPBR	0.5	0.5	1.0										
					Cruise Speed: 5.0	Restr. Arcs: —							
					Climb Speed: 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. Band	Conf. Ceil.	CL 42		1/2 38	DT 34	Dive Speed	CL AB Oth		1/2 AB Oth		DT AB Oth	Alt. Band	
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:	Four 20 mm M3	Technology: None	Load Point Limits:								
To Hit:	6/4/3		CL : 0–4								
Ammunition:	8.0		1/2: 5–8								
Gunsight:	TT+0/HT+1/BT+2		Weight Limit: 4,000 DT : 9+								
Ranging:	RE										
AtA/AtG:	5/6*										
Bomb System:	Manual				<table><tr><td>Station</td><td>Limit</td><td>Allowed Loads</td></tr><tr><td>1 and 2</td><td>1,200</td><td>Nuclear BB FT</td></tr></table>	Station	Limit	Allowed Loads	1 and 2	1,200	Nuclear BB FT
Station	Limit	Allowed Loads									
1 and 2	1,200	Nuclear BB FT									
Notes: 1. 2. High transonic drag (HTD).		Load 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).									
		VPs: 12/8/4/2									
		v1 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/FPs: ○					Cruise Speed: 5.0		Restr. Arcs: —							
					Climb Speed: 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. Band	Conf. Ceil.	CL 42	1/2 38	DT 34	Dive Speed	CL AB	Oth	1/2 AB	Oth	DT AB	Oth	Alt. Band		
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).														

