

Grumman F9F Panther

- F9F-2
- F9F-2P
- F9F-2B
- F9F-5
- F9F-5P

See Also

- Grumman F9F Cougar

F9F-2 Panther										Crew: Pilot				
										Maneuver DPs:				
LR/DR		2.0												
VR		1.0												
Power APs/DPs: ○										Turn DPs:				
CL	1/2	DT	Fuel		CL		1/2	DT						
AB	—	—	—	—	TT		0.5	0.5	0.5					
M	1.0	1.0	1.0	1.0	HT		1.0	1.0	1.0					
N	0.0	0.0	0.0	0.5	BT		1.0	1.5	1.5					
I	1.0	1.0	1.0	0.0	ET		—	—	—					
SPBR	1.0	1.0	1.0	—										
					Cruise Spd. CL: 4.5 Restr. Arcs: —									
					Climb Spd.: 3.5 Blind Arcs: 30–									
					Visibility: 5 Internal Fuel: 300									
					Size: +0 AtA Refuel: No									
					Vulnerability: +1 Ejection Seat: Early									
Speeds and Ceilings						Climb Capabilities								
Alt.	Conf.	CL	1/2	DT	Dive	CL		1/2		DT				
Band	Ceil.	44	40	35	Speed	AB	Oth	AB	Oth	AB	Oth			
EH+	46+	—	—	—	—	—	—	—	—	—	—	EH+		
VH	36–45	2.0 – 5.0	2.5 – 5.0	—	6.0	—	0.5	—	0.5	—	—	VH		
HI	26–35	2.0 – 5.0	2.0 – 5.0	2.5 – 4.5	6.5	—	0.5	—	0.5	—	0.5	HI		
MH	17–25	1.5 – 5.5	1.5 – 5.0	2.0 – 4.5	6.5	—	1.0	—	0.5	—	0.5	MH		
ML	8–16	1.0 – 5.5	1.5 – 5.5	2.0 – 5.0	6.5	—	1.0	—	1.0	—	0.5	ML		
LO	0–7	1.0 – 6.0	1.5 – 5.5	1.5 – 5.0	6.5	—	1.0	—	1.0	—	1.0	LO		
Radar:			APG-30		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 : < 3							
Ammunition:			6.0				1/2: < 7							
Gunsight:			TT+0/HT+1/BT+2				Weight Limit: 2,000							
Ranging:			RE				DT : ≥ 7							
AtA/AtG:			5/6*				Station Limit Allowed Loads							
Bomb System:			Manual				1–3 and 4–6 250 RK							
Notes:														
1. The Grumman F9F-2 Panther is a carrier-capable day fighter. This version has outer-wing stations capable of carrying only six HVARs. All F9F-2 versions were subsequently converted to F9F-2B versions.														
2. High transonic drag (HTD).														
VPs: 7/5/2/1										v3 0000000 0000-00-00T00:00:00				

F9F-2P Panther										Crew: Pilot									
										Maneuver DPs:									
LR/DR		2.0																	
VR		1.0																	
Turn DPs:																			
Power APs/DPs: ○					CL		1/2		DT										
					AB		—		—		—								
					M		1.0		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		1.0		—								
					Cruise Spd. CL: 4.5				Restr. Arcs:		—								
					Climb Spd.:		3.5		Blind Arcs:		30—								
					Visibility:		5		Internal Fuel:		300								
					Size:		+0		AtA Refuel:		No								
					Vulnerability:		+1		Ejection Seat:		Early								
Speeds and Ceilings						Climb Capabilities													
Alt. Band		Conf. Ceil.		CL 44		1/2 40		DT 35		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth			
EH+		46+		—		—		—		—		— —		— —		— —		EH+	
VH		36–45		2.0 – 5.0		2.5 – 5.0		—		6.0		— 0.5		— 0.5		— —		VH	
HI		26–35		2.0 – 5.0		2.0 – 5.0		2.5 – 4.5		6.5		— 0.5		— 0.5		— 0.5		HI	
MH		17–25		1.5 – 5.5		1.5 – 5.0		2.0 – 4.5		6.5		— 1.0		— 0.5		— 0.5		MH	
ML		8–16		1.0 – 5.5		1.5 – 5.5		2.0 – 5.0		6.5		— 1.0		— 1.0		— 0.5		ML	
LO		0–7		1.0 – 6.0		1.5 – 5.5		1.5 – 5.0		6.5		— 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 : < 3			
To Hit:				—												1/2: < 7			
Ammunition:				—								Weight Limit:				2,000 DT : ≥ 7			
Gunsight:				TT+0/HT+1/BT+2								Station				Limit		Allowed Loads	
Ranging:				—								1–3 and 4–6				250		RK	
AtA/AtG:				—															
Bomb System:				Manual															
Notes:																			
1. The Grumman F9F-2P Panther is a carrier-capable photo-reconnaissance aircraft. It is derived from the F9F-2 fighter version and has a nose equipped with cameras rather than guns.																			
2. High transonic drag (HTD).																			
3. Oblique and overhead cameras in the nose.																			
VPs: 7/5/2/1												v3 0000000 0000-00-00T00:00:00							

F9F-2B Panther										Crew: Pilot						
										Maneuver DPs:						
LR/DR		2.0														
VR		1.0														
Turn DPs:																
		CL	1/2	DT												
TT		0.5	0.5	0.5												
HT		1.0	1.0	1.0												
BT		1.0	1.5	1.5												
ET		—	—	—												
Power APs/DPs: ○					Cruise Spd. CL: 4.5					Restr. Arcs: —						
					Climb Spd.: 3.5			Blind Arcs: 30–								
					Visibility: 5			Internal Fuel: 300								
					Size: +0			AtA Refuel: No								
					Vulnerability: +1			Ejection Seat: Early								
Speeds and Ceilings						Climb Capabilities										
Alt.	Conf.	CL		1/2		DT		Dive		CL		1/2		DT		
Band	Ceil.	44		40		35		Speed		AB	Oth	AB	Oth	AB	Oth	
EH+	46+	—		—		—		—		—	—	—	—	—	—	EH+
VH	36–45	2.0 – 5.0		2.5 – 5.0		—		6.0		—	0.5	—	0.5	—	—	VH
HI	26–35	2.0 – 5.0		2.0 – 5.0		2.5 – 4.5		6.5		—	0.5	—	0.5	—	0.5	HI
MH	17–25	1.5 – 5.5		1.5 – 5.0		2.0 – 4.5		6.5		—	1.0	—	0.5	—	0.5	MH
ML	8–16	1.0 – 5.5		1.5 – 5.5		2.0 – 5.0		6.5		—	1.0	—	1.0	—	0.5	ML
LO	0–7	1.0 – 6.0		1.5 – 5.5		1.5 – 5.0		6.5		—	1.0	—	1.0	—	1.0	LO
Radar:				APG-30		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 : < 3 1/2: < 7 Weight Limit: 2,000 DT : ≥ 7				
To Hit:				6/4/3				None								
Ammunition:				6.0												
Gunsight:				TT+0/HT+1/BT+2												
Ranging:				RE												
AtA/AtG:				5/6*												
Bomb System:				Manual								Notes: 1. The Grumman F9F-2B Panther is a carrier-capable day fighter and fighter-bomber. This version is a development of the F9F-2 version and has additional stations on the wing root and can carry both bombs and HVARs. All F9F-2 aircraft were converted to this standard, and subsequently commonly referred to as the F9F-2 rather than the F9F-2B. 2. High transonic drag (HTD).				
VPs: 7/5/2/1								v3 0000000 0000-00-00T00:00:00								

F9F-5 Panther										Crew: Pilot									
										Maneuver DPs: LR/DR 2.0 VR 1.0 Turn DPs: CL 1/2 DT TT 0.5 1.0 1.0 HT 1.0 1.5 1.5 BT 1.5 1.5 1.5 ET — — —									
Power APs/DPs: ○ CL 1/2 DT Fuel AB — — — — M 1.0 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 1.0 —																			
															Cruise Spd. CL: 4.5 Restr. Arcs: — Climb Spd.: 3.5 Blind Arcs: 30– Visibility: 5 Internal Fuel: 320 Size: +0 AtA Refuel: No Vulnerability: +1 Ejection Seat: Early				
Speeds and Ceilings						Climb Capabilities													
Alt. Band	Conf. Ceil.	CL 44	1/2 40	DT 35	Dive Speed	CL AB	Oth	1/2 AB	Oth	DT AB	Oth								
EH+	46+	—	—	—	—	—	—	—	—	—	—	EH+							
VH	36–45	2.0 – 5.0	2.5 – 5.0	—	6.0	—	0.5	—	0.5	—	—	VH							
HI	26–35	2.0 – 5.0	2.0 – 5.0	2.5 – 4.5	6.5	—	0.5	—	0.5	—	0.5	HI							
MH	17–25	1.5 – 5.5	1.5 – 5.0	2.0 – 4.5	6.5	—	1.0	—	0.5	—	0.5	MH							
ML	8–16	1.0 – 5.5	1.5 – 5.5	2.0 – 5.0	6.5	—	1.0	—	1.0	—	0.5	ML							
LO	0–7	1.0 – 6.0	1.5 – 5.5	1.5 – 5.0	6.5	—	1.0	—	1.0	—	1.0	LO							

Radar:		APG-30	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 : < 3		
To Hit:		6/4/3								1/2: < 7		
Ammunition:		6.0				Weight Limit:				3,000	DT : ≥ 7	
Gunsight:		TT+0/HT+1/BT+2				Station				Limit	Allowed Loads	
Ranging:		RE				1–3 and 6–8				500	BB RK	
AtA/AtG:		5/6*				4 and 5				1,000	BB RK FT	
Bomb System:		Manual										
Notes:												
1. The Grumman F9F-5 Panther is a carrier-capable day fighter and fighter-bomber. This version is a development of the F9F-2B version and has more powerful engines, blown flaps, a larger fuselage, and more internal fuel.												
2. High transonic drag (HTD).												

