

Northrop F-5 Freedom Fighter

- F-5A
- RF-5A
- F-5C

F-5A Freedom Fighter					Crew: Pilot
Power APs/DPs: ○○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5
AB 2.5 2.0 1.5 3.0					VR 0.5
M 1.0 1.0 1.0 1.0					
N 0.0 0.0 0.0 0.5					
I 1.0 1.0 2.0 0.0					
SPBR 1.0 1.0 2.0 —					
Cruise Spd. CL: 5.5 Restr. Arcs: 60–					
Climb Spd.: 4.5 Blind Arcs: 30–					
Visibility: 4 Internal Fuel: 185					
Size: +1 AtA Refuel: No					
Vulnerability: -1 Ejection Seat: Std					

Speeds and Ceilings						Climb Capabilities					
Alt.	Conf.	CL	1/2	DT	Dive Speed	CL	1/2	DT			
Band	Ceil.	48	42	34	AB Oth	AB Oth	AB Oth	AB Oth			
EH+	46+	4.0 – 9.0	—	—	10.0	1.0 0.5	— —	— —	EH+		
VH	36–45	3.5 – 9.0	4.0 – 8.0	—	10.0	1.0 0.5	1.0 0.5	— —	VH		
HI	26–35	3.0 – 8.5	3.5 – 7.5	4.0 – 6.5	10.0	2.0 1.0	1.0 0.5	1.0 0.5	HI		
MH	17–25	2.5 – 8.0	3.0 – 7.0	3.0 – 6.0	9.0	2.0 1.0	1.5 1.0	1.0 0.5	MH		
ML	8–16	2.0 – 7.5	2.5 – 7.0	2.5 – 6.0	8.5	3.0 1.0	2.0 1.0	1.5 0.5	ML		
LO	0–7	1.5 – 7.0	2.0 – 6.5	2.5 – 6.0	7.5	3.0 2.0	2.0 1.0	2.0 1.0	LO		

Radar: —	ECM: IFF	Weapon Stations Diagram:
ECCM: —	RWR: —	
Arcs: —	DDS: —	
Search: —	DJM: —	
Track: —	AJM: —	
Lock-On: —	BJM: —	
Guns: Two 20 mm M39	Technology:	Load Point Limits: CL : < 6 1/2: <10
To Hit: 5/3/1	None	Weight Limit: 6,200 DT : ≥10
Ammunition: 5.5		Station Limit Allowed Loads
Gunsight: TT+1/HT+2/BT+3		1 and 7 350 IRM FT
Ranging: —		2 and 6 750 BB BG RP RG EP
AtA/AtG: 4/4*		3 and 5 1,100 BB BG RP RG EP WR GP FT
Bomb System: Manual		4 2,200 BB BG RP WR GP EP PP FT
Notes:	Load Notes: 1. May only use AIM-9 IRMs and AGM-12 RGs. 2. Stations 1 and 7 are the wing-tip stations. They may carry IRMs or special supersonic 50 US gal (190L) FTs.	
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RF-5A Freedom Fighter										Crew: Pilot					
					Maneuver DPs:					LR/DR 1.5					
Power APs/DPs: ○○					VR 0.5										
CL 1/2 DT Fuel															
AB	2.5	2.0	1.5	3.0											
M	1.0	1.0	1.0	1.0											
N	0.0	0.0	0.0	0.5											
I	1.0	1.0	2.0	0.0											
SPBR	1.0	1.0	2.0	—											
					Cruise Spd. CL: 5.5	Restr. Arcs: 60-									
					Climb Spd.: 4.5	Blind Arcs: 30-									
					Visibility: 4	Internal Fuel: 185									
					Size: +1	AtA Refuel: No									
					Vulnerability: -1	Ejection Seat: Std									
Speeds and Ceilings						Climb Capabilities									
Alt. Band	Conf. Ceil.	CL 48	1/2 42	DT 34	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth							
EH+	46+	4.0 – 9.0	—	—	10.0	1.0 0.5	— —	— —	EH+						
VH	36–45	3.5 – 9.0	4.0 – 8.0	—	10.0	1.0 0.5	1.0 0.5	— —	VH						
HI	26–35	3.0 – 8.5	3.5 – 7.5	4.0 – 6.5	10.0	2.0 1.0	1.0 0.5	1.0 0.5	HI						
MH	17–25	2.5 – 8.0	3.0 – 7.0	3.0 – 6.0	9.0	2.0 1.0	1.5 1.0	1.0 0.5	MH						
ML	8–16	2.0 – 7.5	2.5 – 7.0	2.5 – 6.0	8.5	3.0 1.0	2.0 1.0	1.5 0.5	ML						
LO	0–7	1.5 – 7.0	2.0 – 6.5	2.5 – 6.0	7.5	3.0 2.0	2.0 1.0	2.0 1.0	LO						
Radar: —			ECM: IFF	Weapon Stations Diagram:											
ECCM: —			RWR: —												
Arcs: —			DDS: —												
Search: —			DJM: —												
Track: —			AJM: —												
Lock-On: —			BJM: —												
Guns: Two 20 mm M39			Technology: None		Load Point Limits:					CL : < 6					
To Hit: 5/3/1					1/2: <10										
Ammunition: 5.5					Weight Limit: 6,200					DT : ≥10					
Gunsight: TT+1/HT+2/BT+3															
Ranging: —					Station					Allowed Loads					
AtA/AtG: 4/4*					1 and 7	350	IRM FT								
Bomb System: Manual					2 and 6	750	BB BG RP RG EP								
					3 and 5	1,100	BB BG RP RG EP WR GP FT								
					4	2,200	BB BG RP WR GP EP PP FT								
					Load Notes:										
Notes:			1. May only use AIM-9 IRMs and AGM-12 RGs. 2. High roll rate (HRR). Low transonic drag (LTD). Rapid power response (RPR). 3. Overhead and oblique cameras in extended nose.												
VPs: 18/12/6/3								v3 0000000 0000-00-00T00:00:00							

F-5C Freedom Fighter					Crew: Pilot
Power APs/DPs: ○○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5
AB 2.5 2.0 1.5 3.0					VR 0.5
M 1.0 1.0 1.0 1.0					
N 0.0 0.0 0.0 0.5					
I 1.0 1.0 2.0 0.0					
SPBR 1.0 1.0 2.0 —					
Cruise Spd. CL: 5.5 Restr. Arcs: 60–					
Climb Spd.: 4.5 Blind Arcs: 30–					
Visibility: 4 Internal Fuel: 185					
Size: +1 AtA Refuel: Yes					
Vulnerability: +0 Ejection Seat: Std					

Speeds and Ceilings						Climb Capabilities					
Alt.	Conf.	CL	1/2	DT	Dive Speed	CL	1/2	DT			
Band	Ceil.	48	42	34	AB Oth	AB Oth	AB Oth	AB Oth			
EH+	46+	4.0 – 9.0	—	—	10.0	1.0 0.5	— —	— —	EH+		
VH	36–45	3.5 – 9.0	4.0 – 8.0	—	10.0	1.0 0.5	1.0 0.5	— —	VH		
HI	26–35	3.0 – 8.5	3.5 – 7.5	4.0 – 6.5	10.0	2.0 1.0	1.0 0.5	1.0 0.5	HI		
MH	17–25	2.5 – 8.0	3.0 – 7.0	3.0 – 6.0	9.0	2.0 1.0	1.5 1.0	1.0 0.5	MH		
ML	8–16	2.0 – 7.5	2.5 – 7.0	2.5 – 6.0	8.5	3.0 1.0	2.0 1.0	1.5 0.5	ML		
LO	0–7	1.5 – 7.0	2.0 – 6.5	2.5 – 6.0	7.5	3.0 2.0	2.0 1.0	2.0 1.0	LO		

Radar: —	ECM: IFF	Weapon Stations Diagram:		
ECCM: —	RWR: —			
Arcs: —	DDS: —			
Search: —	DJM: —			
Track: —	AJM: —			
Lock-On: —	BJM: —			
Guns: Two 20 mm M39	Technology: None	Load Point Limits: CL : < 6 1/2: <10		
To Hit: 5/3/1				
Ammunition: 5.5				
Gunsight: TT+1/HT+2/BT+3				
Ranging: —				
AtA/AtG: 4/4*				
Bomb System: Manual		Weight Limit: 6,200	DT : ≥10	
Notes:		Station	Limit	Allowed Loads
1.		1 and 7	350	IRM FT
2. High roll rate (HRR). Low transonic drag (LTD). Rapid power response (RPR).		2 and 6	750	BB BG RP RG EP
		3 and 5	1,100	BB BG RP RG EP WR GP FT
		4	2,200	BB BG RP WR GP EP PP FT
		Load Notes:		
		1. May only use AIM-9 IRMs and AGM-12 RGs.		
		2. Stations 1 and 7 are the wing-tip stations. They may carry IRMs or special supersonic 50 US gal (190L) FTs.		
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