

Northrop F-5 Freedom Fighter

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

F-5A Freedom Fighter									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					2.0				
HT		2.0		2.0		3.0							
BT		3.0		4.0		4.0							
ET		—		—		—							
Power APs/DPs/FPs: ○○					Cruise Speed: 5.5	Restr. Arcs: 60–							
CL 1/2 DT Fuel					Climb Speed: 4.5	Blind Arcs: 30–							
AB 2.5 2.0 1.5 3.0					Visibility: 4	Internal Fuel: 185							
M 1.0 1.0 1.0 1.0					Size: +1	AtA Refuel: No							
N 0.0 0.0 0.0 0.5					Vulnerability: –1	Ejection Seat: Std							
I 0.5 0.5 1.0 0.0													
SPBR 0.5 0.5 1.0 —													
Speeds and Ceilings							Climb Capabilities						
Alt.	Conf.	CL		1/2	DT	Dive	CL		1/2		DT	Alt.	
Band	Ceil.	48		42	34	Speed	AB	Oth	AB	Oth	AB	Oth	Band
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: — ECCM: — Arcs: — Search: — Track: — Lock-On: —	ECM: IFF RWR: — DDS: — DJM: — AJM: — BJM: —	Weapon Stations Diagram:														
Guns: Two 20 mm M39 To Hit: 5/3/1 Ammunition: 5.5 Gunsight: TT+1/HT+2/BT+3 Ranging: — AtA/AtG: 4/4*	Technology: None	Load Point Limits: CL : 0–5 1/2: 6–9	Weight Limit: 6,200 DT : 10+													
Bomb System: Manual		<table><tr><td>Station</td><td>Limit</td><td>Allowed Loads</td></tr><tr><td>1 and 7</td><td>350</td><td>IRM FT</td></tr><tr><td>2 and 6</td><td>750</td><td>BB BG RP RG EP</td></tr><tr><td>3 and 5</td><td>1,100</td><td>BB BG RP RG EP WR GP FT</td></tr><tr><td>4</td><td>2,200</td><td>BB BG RP WR GP EP PP FT</td></tr></table>		Station	Limit	Allowed Loads	1 and 7	350	IRM FT	2 and 6	750	BB BG RP RG EP	3 and 5	1,100	BB BG RP RG EP WR GP FT	4
Station	Limit	Allowed Loads														
1 and 7	350	IRM FT														
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														
Notes: 1. 2. High roll rate (HRR). Low transonic drag (LTD). Rapid power response (RPR).		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.														
		VPs: 16/11/5/3	v1 0000000 0000-00-00T00:00:00													

RF-5A Freedom Fighter										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		2.5		2.0		1.5		3.0		TT		1.0		1.0		2.0			
M		1.0		1.0		1.0		1.0		HT		2.0		2.0		3.0			
N		0.0		0.0		0.0		0.5		BT		3.0		4.0		4.0			
I		0.5		0.5		1.0		0.0		ET		—		—		—			
SPBR		0.5		0.5		1.0		—											
					Cruise Speed: 5.5					Restr. Arcs: 60–									
					Climb Speed: 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		Alt. Band	
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 : 0–5									
To Hit: 5/3/1					None					1/2: 6–9									
Ammunition: 5.5										Weight Limit: 6,200 DT : 10+									
Gunsight: TT+1/HT+2/BT+3										Station Limit Allowed Loads									
Ranging: —										1 and 7 350 IRM FT									
AtA/AtG: 4/4*										2 and 6 750 BB BG RP RG EP									
Bomb System: Manual										3 and 5 1,100 BB BG RP RG EP WR GP FT									
										4 2,200 BB BG RP WR GP EP PP FT									
Notes:										Load Notes:									
1.										1. May only use AIM-9 IRMs and AGM-12 RGs.									
2. High roll rate (HRR). Low transonic drag (LTD). Rapid power response (RPR).										2. Stations 1 and 7 are the wing-tip stations. They may carry IRMs or special supersonic 50 US gal (190L) FTs.									
3. Overhead and oblique cameras in extended nose.																			
										VPs: 18/12/6/3									
										v1 0000000 0000-00-00T00:00:00									

F-5C Freedom Fighter										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		2.5		2.0		1.5		3.0		TT		1.0		1.0		2.0			
M		1.0		1.0		1.0		1.0		HT		2.0		2.0		3.0			
N		0.0		0.0		0.0		0.5		BT		3.0		4.0		4.0			
I		0.5		0.5		1.0		0.0		ET		—		—		—			
SPBR		0.5		0.5		1.0		—											
					Cruise Speed: 5.5 Restr. Arcs: 60–														
					Climb Speed: 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. Band		Conf. Ceil.		CL 48		1/2 42		DT 34		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth		Alt. Band	
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 : 0–5									
To Hit: 5/3/1					None					1/2: 6–9									
Ammunition: 5.5										Weight Limit: 6,200 DT : 10+									
Gunsight: TT+1/HT+2/BT+3										Station Limit Allowed Loads									
Ranging: —										1 and 7 350 IRM FT									
AtA/AtG: 4/4*										2 and 6 750 BB BG RP RG EP									
Bomb System: Manual										3 and 5 1,100 BB BG RP RG EP WR GP FT									
										4 2,200 BB BG RP WR GP EP PP FT									
Notes:										Load Notes:									
1.										1. May only use AIM-9 IRMs and AGM-12 RGs.									
2. High roll rate (HRR). Low transonic drag (LTD). Rapid power response (RPR).										2. Stations 1 and 7 are the wing-tip stations. They may carry IRMs or special supersonic 50 US gal (190L) FTs.									
										VPs: 18/12/6/3									
										v1 00000000 0000-00-00T00:00:00									