

## **Northrop F-5 Freedom Fighter**

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

<b>F-5A Freedom Fighter</b>					Crew: Pilot				
					<b>Maneuver HFPs/DPs:</b>				
					LR/DR	1.0	1.0		
					VR	0.0			
					<b>Turn DPs:</b>				
					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	—	—	—	

<b>RF-5A Freedom Fighter</b>								<b>Crew:</b> Pilot							
								<b>Maneuver HFPs/DPs:</b>							
<b>Power APs/DPs/FPs:</b> ○○								LR/DR	1.0	1.0					
AB 2.5 2.0 1.5 3.0								VR	0.0						
M 1.0 1.0 1.0 1.0								<b>Turn DPs:</b>							
N 0.0 0.0 0.0 0.5								CL	1/2	DT					
I 0.5 0.5 1.0 0.0								TT	1.0	1.0	2.0				
SPBR 0.5 0.5 1.0 —								HT	2.0	2.0	3.0				
								BT	3.0	4.0	4.0				
								ET	—	—	—				
				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											
<b>Speeds and Ceilings</b>						<b>Climb Capabilities</b>									
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						
<b>Radar:</b> —				<b>ECM:</b> IFF				<b>Weapon Stations Diagram:</b>							
ECCM: —				RWR: —											
Arcs: —				DDS: —											
Search: —				DJM: —											
Track: —				AJM: —											
Lock-On: —				BJM: —											
<b>Guns:</b> Two 20 mm M39				<b>Technology:</b>				<b>Load Point Limits:</b>							
To Hit: 5/3/1				None				CL : 0–5							
Ammunition: 5.5								1/2: 6–9							
Gunsight: TT+1/HT+2/BT+3								<b>Weight Limit:</b> 6,200							
Ranging: —								DT : 10+							
AtA/AtG: 4/4*								<b>Station</b>							
<b>Bomb System:</b> Manual								<b>Limit</b>							
								<b>Allowed Loads</b>							
								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							
<b>Notes:</b>				<b>Load Notes:</b>											
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.															
								<b>VPs:</b> 18/12/6/3							
								v1.0000000 0000-00-00T00:00:00							

<b>F-5C Freedom Fighter</b>					Crew: Pilot							
					<b>Maneuver HFPs/DPs:</b>							
					LR/DR	1.0	1.0					
					VR	0.0						
					<b>Turn DPs:</b>							
					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	—	—	—				
					<b>Speeds and Ceilings</b>							
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			
<b>Radar:</b>		—	<b>ECM:</b>	IFF	<b>Weapon Stations Diagram:</b>							
ECCM:	—	—	RWR:	—								
Arcs:	—	—	DDS:	—								
Search:	—	—	DJM:	—								
Track:	—	—	AJM:	—								
Lock-On:	—	—	BJM:	—								
<b>Guns:</b> Two 20 mm M39		<b>Technology:</b> None			<b>Load Point Limits:</b>							
To Hit:	5/3/1				CL : 0–5	1/2: 6–9						
Ammunition:	5.5				<b>Weight Limit:</b> 6,200							
Gunsight:	TT+1/HT+2/BT+3				DT : 10+							
Ranging:	—				<b>Station</b>							
AtA/AtG:	4/4*				1 and 7	350	IRM FT					
<b>Bomb System:</b> 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					
<b>Notes:</b>												
1.												
2. High roll rate (HRR). Low transonic drag (LTD). Rapid power response (RPR).												
<b>Load Notes:</b>												
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.												
<b>VPs:</b> 18/12/6/3								v1.000000 0000-00-00T00:00:00				