

Northrop F-5 Freedom Fighter

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

<div><div><div>F-5A Freedom Fighter</div></div><div><div>Power APs/DPs:</div><div><div>CL1/2DTFuel</div><div>AB2.52.01.53.0</div><div>M1.01.01.01.0</div><div>N0.00.00.00.5</div><div>I1.01.02.00.0</div><div>SPBR1.01.02.0—</div></div></div><div><div>○○</div><div>Cruise Spd. CL: 5.5</div><div>Restr. Arcs: 60–</div><div>Climb Spd.: 4.5</div><div>Blind Arcs: 30–</div><div>Visibility: 4</div><div>Internal Fuel: 185</div><div>Size: +1</div><div>AtA Refuel: No</div><div>Vulnerability: –1</div><div>Ejection Seat: Std</div></div></div>	<div>Crew: Pilot</div> <div>Maneuver DPs:<div>LR/DR1.5</div><div>VR0.5</div></div> <div>Turn DPs:<div><div>CL1/2DT</div><div>TT1.01.01.5</div><div>HT1.51.52.0</div><div>BT2.02.52.5</div><div>ET— — —</div></div></div>
	<div>Speeds and Ceilings</div> <div><div><div>Alt. Conf. Band Ceil.</div><div>CL48</div><div>1/242</div><div>DT34</div><div>Dive Speed</div></div><div><div>EH+46+</div><div>VH36–45</div><div>HI26–35</div><div>MH17–25</div><div>ML8–16</div><div>LO0–7</div></div><div><div>4.0 – 9.0</div><div>3.5 – 9.0</div><div>3.0 – 8.5</div><div>2.5 – 8.0</div><div>2.0 – 7.5</div><div>1.5 – 7.0</div></div><div><div>—</div><div>4.0 – 8.0</div><div>3.5 – 7.5</div><div>3.0 – 7.0</div><div>2.5 – 7.0</div><div>2.0 – 6.5</div></div><div><div>—</div><div>—</div><div>4.0 – 6.5</div><div>3.0 – 6.0</div><div>2.5 – 6.0</div><div>2.5 – 6.0</div></div><div><div>10.0</div><div>10.0</div><div>10.0</div><div>9.0</div><div>8.5</div><div>7.5</div></div></div>

Climb Capabilities

CL1/2DT

AB OthAB OthAB Oth

1.0 0.5

1.0 0.5

2.0 1.0

2.0 1.0

2.0 1.0

2.0 1.0

— —

1.0 0.5

1.0 0.5

1.5 1.0

2.0 1.0

2.0 1.0

— —

— —

1.0 0.5

1.0 0.5

1.5 0.5

2.0 1.0

EH+

VH

HI

MH

ML

LO

RF-5A Freedom Fighter										Crew: Pilot								
										Maneuver DPs:								
LR/DR1.5																		
VR0.5																		
Turn DPs:																		
Power APs/DPs:○○					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					CL1/2DT								
CL1/2DTFuel										TT1.01.01.5								
AB2.52.01.53.0										HT1.51.52.0								
M1.01.01.01.0										BT2.02.52.5								
N0.00.00.00.5										ET— — —								
I1.01.02.00.0																		
SPBR1.01.02.0—																		
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						Station			Limit			Allowed Loads						
Ranging: —						1 and 7			350			IRM FT						
AtA/AtG: 4/4*						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						
Bomb System: Manual						Load Notes:												
Notes: 1. 2. High roll rate (HRR). Low transonic drag (LTD). Rapid power response (RPR). 3. Overhead and oblique cameras in extended nose.						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: 18/12/6/3						v3 0000000 0000-00-00T00:00:00						

F-5C Freedom Fighter										Crew: Pilot				
										Maneuver DPs:				
LR/DR		1.5												
VR		0.5												
Power APs/DPs: ○○										Turn DPs:				
CL	1/2	DT	Fuel		Cruise Spd. CL: 5.5		Restr. Arcs: 60–							
AB	2.5	2.0	1.5	3.0	Climb Spd.: 4.5		Blind Arcs: 30–							
M	1.0	1.0	1.0	1.0	Visibility: 4		Internal Fuel: 185							
N	0.0	0.0	0.0	0.5	Size: +1		AtA Refuel: Yes							
I	1.0	1.0	2.0	0.0	Vulnerability: +0		Ejection Seat: Std							
SPBR	1.0	1.0	2.0	—										
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: —														
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*														
Load Point Limits: CL : < 6														
1/2: <10														
Weight Limit: 6,200 DT : ≥10														
Bomb System: Manual														
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														
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.														
Notes:														
1.														
2. High roll rate (HRR). Low transonic drag (LTD). Rapid power response (RPR).														
VPs: 18/12/6/3														
v3 0000000														
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