

Republic F-105 Thunderchief

- F-105B
- F-105D
- F-105D (Thunderstick II)
- F-105F (Early Wild Weasel)
- F-105F (Late Wild Weasel)
- F-105G (Early Wild Weasel)
- F-105G (Late Wild Weasel)

F-105B Thunderchief										Crew: Pilot				
										Maneuver HFPs/DPs: LR/DR 1.0 1.0 VR 0.0				
Turn DPs: CL 1/2 DT TT 2.0 2.0 2.0 HT 3.0 4.0 4.0 BT 4.0 5.0 5.0 ET — — —														
										Power APs/DPs/FPs: ○ CL 1/2 DT Fuel AB 2.0 2.0 1.5 9.0 M 1.0 1.0 1.0 2.0 N 0.0 0.0 0.0 1.0 I 0.5 0.5 0.5 0.0 SPBR 0.5 0.5 1.0 —				
Cruise Speed: 5.5 Restr. Arcs: - Climb Speed: 4.5 Blind Arcs: 60– Visibility: 7 Internal Fuel: 375 Size: +0 AtA Refuel: Yes Vulnerability: +1 Ejection Seat: Std														
Smoker in military power (SMP).														
Speeds and Ceilings							Climb Capabilities							
Alt. Band	Conf. Ceil.	CL 48	1/2 38	DT 32	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	Alt. Band					
EH+	46+	5.0 – 13.0	—	—	14.0	1.0 0.5	— —	— —	EH+					
VH	36–45	4.0 – 13.5	4.0 – 11.0	—	14.0	2.0 0.5	1.0 0.5	— —	VH					
HI	26–35	3.0 – 12.0	3.5 – 10.0	4.0 – 9.0	14.0	3.0 1.0	2.0 0.5	1.0 0.5	HI					
MH	17–25	2.5 – 11.0	3.0 – 9.0	3.5 – 8.0	13.0	4.0 1.0	3.0 1.0	1.0 0.5	MH					
ML	8–16	2.5 – 10.0	3.0 – 8.0	3.0 – 7.0	11.0	4.0 1.0	3.0 1.0	1.5 0.5	ML					
LO	0–7	2.0 – 8.5	2.5 – 7.5	2.5 – 6.0	9.5	5.0 2.0	3.0 1.0	2.0 1.0	LO					
Radar: APG-31					ECM: IFF		Weapon Stations Diagram:							
ECCM: —					RWR: —									
Arcs: —					DDS: —									
Search: —					DJM: —									
Track: —					AJM: —									
Lock-On: 7					BJM: —									
Guns: 20 mm M61 Vulcan					Technology: None		Load Point Limits: CL : 0–4							
To Hit: 7/5/3							1/2: 5–12							
Ammunition: 5.0							Weight Limit: 14,000 DT : 13+							
Gunsight: TT+0/HT+1/BT+2							Station Limit Allowed Loads							
Ranging: RE							1 and 6 1,000 BB RP RG EP ARM IRM MDR							
AtA/AtG: 6/8*					2 and 5 3,500 BB RP RG WR FT									
Bomb System: Manual					3 3,000 Nuc. BB FT									
					4 5,000 BB RP WR FT									
Notes: 1. 2. Low transonic drag (LTD). Rapid acceleration (RA) if CL.					Load Notes:									
					1. Station 3 is the internal bomb bay. These guns may carry two nuclear BBs or a special 350 gal (1300L) FT.									
					2. Station 4 is the external centerline pylon. These guns may not be used if weapons are carried in the internal bomb bay.									
					3. May only use AIM-9 IRMs, AGM-45 ARMs, and AGM-12 RGs.									
					VPs: 22/15/7/4									
					v1 00000000 0000-00-00T00:00:00									

Radar: R-14A ECCM: 0 Arcs: 180+ Search: 60-15 Track: 40-10 Lock-On: 6	ECM: IFF RWR: — DDS: — DJM: — AJM: — BJM: —	Weapon Stations Diagram:															
Guns: 20 mm M61 Vulcan To Hit: 7/5/3 Ammunition: 5.0 Gunsight: TT+0/HT+1/BT+2 Ranging: RE AtA/AtG: 6/8*	Technology: None	Load Point Limits: CL : 0-4 1/2: 5-12 Weight Limit: 14,000 DT : 13+															
Bomb System: Manual		<table border="1"> <thead> <tr> <th>Station</th> <th>Limit</th> <th>Allowed Loads</th> </tr> </thead> <tbody> <tr> <td>1 and 6</td> <td>1,000</td> <td>BB RP RG EP ARM IRM MDR</td> </tr> <tr> <td>2 and 5</td> <td>3,500</td> <td>BB RP RG WR FT</td> </tr> <tr> <td>3</td> <td>3,000</td> <td>Nuc. BB FT</td> </tr> <tr> <td>4</td> <td>5,000</td> <td>BB RP WR FT</td> </tr> </tbody> </table>	Station	Limit	Allowed Loads	1 and 6	1,000	BB RP RG EP ARM IRM MDR	2 and 5	3,500	BB RP RG WR FT	3	3,000	Nuc. BB FT	4	5,000	BB RP WR FT
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1 and 6	1,000	BB RP RG EP ARM IRM MDR															
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Notes: 1. 2. Low transonic drag (LTD). Rapid acceleration (RA) if CL. 3. Radar in air-to-ground mode has: Gr. Nav. (180) and Gr. Attack (90).		Load Notes: 1. Station 3 is the internal bomb bay. These guns may carry two nuclear BBs or a special 350 gal (1300L) FT. 2. Station 4 is the external centerline pylon. These guns may not be used if weapons are carried in the internal bomb bay. 3. May only use AIM-9 IRMs, AGM-45 ARMs, and AGM-12 RGs.															
		VPs: 24/16/8/4															
		v1 0000000 0000-00-00T00:00:00															

Radar: R-14A ECCM: 0 Arcs: 180+ Search: 60–15 Track: 40–10 Lock-On: 6	ECM: IFF RWR: — DDS: — DJM: — AJM: — BJM: —	Weapon Stations Diagram:															
Guns: 20 mm M61 Vulcan To Hit: 7/5/3 Ammunition: 5.0 Gunsight: TT+0/HT+1/BT+2 Ranging: RE AtA/AtG: 6/8*	Technology: None	Load Point Limits: CL : 0–4 1/2: 5–12 Weight Limit: 14,000 DT : 13+															
Bomb System: Ballistic	<table border="1"> <thead> <tr> <th>Station</th> <th>Limit</th> <th>Allowed Loads</th> </tr> </thead> <tbody> <tr> <td>1 and 6</td> <td>1,000</td> <td>BB RP RG EP ARM IRM MDR</td> </tr> <tr> <td>2 and 5</td> <td>3,500</td> <td>BB RP RG WR FT</td> </tr> <tr> <td>3</td> <td>3,000</td> <td>Nuc. BB FT</td> </tr> <tr> <td>4</td> <td>5,000</td> <td>BB RP WR FT</td> </tr> </tbody> </table>		Station	Limit	Allowed Loads	1 and 6	1,000	BB RP RG EP ARM IRM MDR	2 and 5	3,500	BB RP RG WR FT	3	3,000	Nuc. BB FT	4	5,000	BB RP WR FT
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VPs: 24/16/8/4		v1 0000000 0000-00-00T00:00:00															

F-105F Thunderchief (Early Wild Weasel)										Crew: Pilot				
										Maneuver HFPs/DPs:				
LR/DR		1.0		1.0										
VR				0.0										
Power APs/DPs/FPs: ○														
CL	1/2	DT	Fuel											
AB	2.5	2.0	2.0	9.0										
M	1.0	1.0	1.0	2.0										
N	0.0	0.0	0.0	1.0										
I	0.5	0.5	0.5	0.0										
SPBR	0.5	0.5	1.0	—										
Smoker in military power (SMP).					Cruise Speed: 5.5 Restr. Arcs: -									
					Climb Speed: 4.5 Blind Arcs: 60–									
					Visibility: 7 Internal Fuel: 500									
					Size: +0 AtA Refuel: Yes									
					Vulnerability: +1 Ejection Seat: Std									
Speeds and Ceilings						Climb Capabilities								
Alt. Band	Conf. Ceil.	CL 48		1/2 38	DT 32	Dive Speed	CL AB Oth		1/2 AB Oth		DT AB Oth		Alt. Band	
EH+	46+	5.0 – 13.0		—	—	14.0	1.0 0.5		— —		— —		EH+	
VH	36–45	4.0 – 13.5		4.0 – 11.0	—	14.0	2.0 0.5		1.0 0.5		— —		VH	
HI	26–35	3.0 – 12.0		3.5 – 10.0	4.0 – 9.0	14.0	3.0 1.0		2.0 0.5		1.0 0.5		HI	
MH	17–25	2.5 – 11.0		3.0 – 9.0	3.5 – 8.0	13.0	4.0 1.0		3.0 1.0		1.0 0.5		MH	
ML	8–16	2.5 – 10.0		3.0 – 8.0	3.0 – 7.0	11.0	4.0 1.0		3.0 1.0		1.5 0.5		ML	
LO	0–7	2.0 – 8.5		2.5 – 7.5	2.5 – 6.0	9.5	5.0 2.0		3.0 1.0		2.0 1.0		LO	

Radar:	R-14A	ECM:	IFF	Weapon Stations Diagram:		
ECCM:	0	RWR:	A			
Arcs:	180+	DDS:	A			
Search:	60–15	DJM:	—			
Track:	40–10	AJM:	—			
Lock-On:	6	BJM:	—			
Guns:	20 mm M61 Vulcan	Technology: None		Load Point Limits:	CL : 0–4	
To Hit:	7/5/3			1/2: 5–10		
Ammunition:	5.0			Weight Limit:	12,500	DT : 11+
Gunsight:	TT+0/HT+1/BT+2			Station	Limit	Allowed Loads
Ranging:	RE			1 and 5	1,000	BB RP RG WR EP MDR IRM ARM
AtA/AtG:	6/8*	2 and 4	3,500	BB RP RG WR EP ADR ARM FT		
Bomb System:	Manual	3	5,000	BB RP WR EP FT		
Notes: 1. 2. Low transonic drag (LTD). Rapid acceleration (RA) if CL. 3. Radar in air-to-ground mode has: Gr. Nav. (180) and Gr. Attack (90). 4. Internal fuel includes 350 gal fuel tank in bomb bay.				Load Notes:		
				1. May only use AIM-9 IRMs, AGM-45 ARMs, and AGM-12 RGs.		
				VPs: 24/16/8/4	v1 0000000 0000-00-00T00:00:00	

<i>F-105F Thunderchief</i> <i>(Late Wild Weasel)</i>										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	2.0	9.0				TT	2.0	2.0	2.0		
M	1.0	1.0	1.0	2.0				HT	3.0	4.0	4.0		
N	0.0	0.0	0.0	1.0				BT	4.0	5.0	5.0		
I	0.5	0.5	0.5	0.0	Cruise Speed: 5.5	Restr. Arcs: -		ET	—	—	—		
SPBR	0.5	0.5	1.0	—	Climb Speed: 4.5	Blind Arcs: 60–							
Smoker in military power (SMP).					Visibility: 7	Internal Fuel: 500							
					Size: +0	AtA Refuel: Yes							
					Vulnerability: +1	Ejection Seat: Std							
Speeds and Ceilings								Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 48		1/2 38	DT 32	Dive Speed	CL AB Oth		1/2 AB Oth		DT AB Oth		Alt. Band
EH+	46+	5.0 – 13.0		—	—	14.0	1.0 0.5		— —		— —		EH+
VH	36–45	4.0 – 13.5		4.0 – 11.0	—	14.0	2.0 0.5		1.0 0.5		— —		VH
HI	26–35	3.0 – 12.0		3.5 – 10.0	4.0 – 9.0	14.0	3.0 1.0		2.0 0.5		1.0 0.5		HI
MH	17–25	2.5 – 11.0		3.0 – 9.0	3.5 – 8.0	13.0	4.0 1.0		3.0 1.0		1.0 0.5		MH
ML	8–16	2.5 – 10.0		3.0 – 8.0	3.0 – 7.0	11.0	4.0 1.0		3.0 1.0		1.5 0.5		ML
LO	0–7	2.0 – 8.5		2.5 – 7.5	2.5 – 6.0	9.5	5.0 2.0		3.0 1.0		2.0 1.0		LO

Radar: R-14A ECCM: 0 Arcs: 180+ Search: 60–15 Track: 40–10 Lock-On: 6	ECM: IFF RWR: B DDS: A DJM: — AJM: — BJM: —	Weapon Stations Diagram:												
Guns: 20 mm M61 Vulcan To Hit: 7/5/3 Ammunition: 5.0 Gunsight: TT+0/HT+1/BT+2 Ranging: RE AtA/AtG: 6/8*	Technology: None	Load Point Limits: CL : 0–4 1/2: 5–10 Weight Limit: 12,500 DT : 11+												
Bomb System: Manual		<table border="1"> <thead> <tr> <th>Station</th> <th>Limit</th> <th>Allowed Loads</th> </tr> </thead> <tbody> <tr> <td>1 and 5</td> <td>1,000</td> <td>BB RP RG WR EP MDR IRM ARM</td> </tr> <tr> <td>2 and 4</td> <td>3,500</td> <td>BB RP RG WR EP ADR ARM FT</td> </tr> <tr> <td>3</td> <td>5,000</td> <td>BB RP WR EP FT</td> </tr> </tbody> </table>	Station	Limit	Allowed Loads	1 and 5	1,000	BB RP RG WR EP MDR IRM ARM	2 and 4	3,500	BB RP RG WR EP ADR ARM FT	3	5,000	BB RP WR EP FT
Station	Limit	Allowed Loads												
1 and 5	1,000	BB RP RG WR EP MDR IRM ARM												
2 and 4	3,500	BB RP RG WR EP ADR ARM FT												
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Notes: 1. 2. Low transonic drag (LTD). Rapid acceleration (RA) if CL. 3. Radar in air-to-ground mode has: Gr. Nav. (180) and Gr. Attack (90). 4. Internal fuel includes 350 gal fuel tank in bomb bay.		Load Notes: 1. May only use AIM-9 IRMs, AGM-45 and AGM-78 ARMs, and AGM-12 RGs.												
VPs: 24/16/8/4		v1 0000000 0000-00-00T00:00:00												

F-105G Thunderchief (Early Wild Weasel)										Crew: Pilot						
										Maneuver HFPs/DPs:						
LR/DR		1.0		1.0												
VR				0.0												
Turn DPs:																
					CL		1/2		DT							
AB					2.5		2.0		2.0							
M					1.0		1.0		2.0							
N					0.0		0.0		1.0							
I					0.5		0.5		0.0							
SPBR					0.5		0.5		1.0							
Smoker in military power (SMP).					Cruise Speed: 5.5		Restr. Arcs: -									
					Climb Speed: 4.5		Blind Arcs: 60–									
					Visibility: 7		Internal Fuel: 500									
					Size: +0		AtA Refuel: Yes									
					Vulnerability: +1		Ejection Seat: Std									
Speeds and Ceilings						Climb Capabilities										
Alt.	Conf.	CL		1/2		DT		Dive		CL		1/2		DT		Alt.
Band	Ceil.	48		38		32		Speed		AB Oth		AB Oth		AB Oth		Band
EH+	46+	5.0 – 13.0		—		—		14.0		1.0 0.5		— —		— —		EH+
VH	36–45	4.0 – 13.5		4.0 – 11.0		—		14.0		2.0 0.5		1.0 0.5		— —		VH
HI	26–35	3.0 – 12.0		3.5 – 10.0		4.0 – 9.0		14.0		3.0 1.0		2.0 0.5		1.0 0.5		HI
MH	17–25	2.5 – 11.0		3.0 – 9.0		3.5 – 8.0		13.0		4.0 1.0		3.0 1.0		1.0 0.5		MH
ML	8–16	2.5 – 10.0		3.0 – 8.0		3.0 – 7.0		11.0		4.0 1.0		3.0 1.0		1.5 0.5		ML
LO	0–7	2.0 – 8.5		2.5 – 7.5		2.5 – 6.0		9.5		5.0 2.0		3.0 1.0		2.0 1.0		LO

Radar:	R-14A	ECM:	IFF	Weapon Stations Diagram:		
ECCM:	0	RWR:	B			
Arcs:	180+	DDS:	B			
Search:	60–15	DJM:	A3			
Track:	40–10	AJM:	A3			
Lock-On:	6	BJM:	—			
Guns:	20 mm M61 Vulcan	Technology: None		Load Point Limits:	CL : 0–4	
To Hit:	7/5/3			1/2: 5–10		
Ammunition:	5.0			Weight Limit:	12,500	DT : 11+
Gunsight:	TT+0/HT+1/BT+2			Station	Limit	Allowed Loads
Ranging:	RE			1 and 5	1,000	BB RP RG WR EP MDR IRM ARM
AtA/AtG:	6/8*	2 and 4	3,500	BB RP RG WR EP ADR ARM FT		
Bomb System:	Ballistic	3	5,000	BB RP WR EP FT		
Notes: 1. 2. Low transonic drag (LTD). Rapid acceleration (RA) if CL. 3. Radar in air-to-ground mode has: Gr. Nav. (180) and Gr. Attack (90). 4. Internal fuel includes 350 gal fuel tank in bomb bay.				Load Notes:		
				1. May only use AIM-9 IRMs, AGM-45 and AGM-78 ARMs, and AGM-12 RGs.		
				VPs: 24/16/8/4	v1 0000000 0000-00-00T00:00:00	

F-105G Thunderchief (Late Wild Weasel)										Crew: Pilot									
										Maneuver HFPs/DPs:									
LR/DR		1.0		1.0															
VR				0.0															
Power APs/DPs/FPs: ○																			
CL	1/2	DT	Fuel																
AB	2.5	2.0	2.0	9.0															
M	1.0	1.0	1.0	2.0															
N	0.0	0.0	0.0	1.0															
I	0.5	0.5	0.5	0.0															
SPBR	0.5	0.5	1.0	—															
Smoker in military power (SMP).					Cruise Speed: 5.5					Restr. Arcs: -									
					Climb Speed: 4.5					Blind Arcs: 60–									
					Visibility: 7					Internal Fuel: 500									
					Size: +0					AtA Refuel: Yes									
					Vulnerability: +1					Ejection Seat: Std									
Speeds and Ceilings										Climb Capabilities									
Alt. Band	Conf. Ceil.	CL 48		1/2 38		DT 32		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth		Alt. Band			
EH+	46+	5.0 – 13.0		—		—		14.0		1.0 0.5		— —		— —		EH+			
VH	36–45	4.0 – 13.5		4.0 – 11.0		—		14.0		2.0 0.5		1.0 0.5		— —		VH			
HI	26–35	3.0 – 12.0		3.5 – 10.0		4.0 – 9.0		14.0		3.0 1.0		2.0 0.5		1.0 0.5		HI			
MH	17–25	2.5 – 11.0		3.0 – 9.0		3.5 – 8.0		13.0		4.0 1.0		3.0 1.0		1.0 0.5		MH			
ML	8–16	2.5 – 10.0		3.0 – 8.0		3.0 – 7.0		11.0		4.0 1.0		3.0 1.0		1.5 0.5		ML			
LO	0–7	2.0 – 8.5		2.5 – 7.5		2.5 – 6.0		9.5		5.0 2.0		3.0 1.0		2.0 1.0		LO			

Radar:	R-14A	ECM:	IFF	Weapon Stations Diagram:		
ECCM:	0	RWR:	C			
Arcs:	180+	DDS:	B			
Search:	60–15	DJM:	A3			
Track:	40–10	AJM:	B4			
Lock-On:	6	BJM:	—			
Guns:	20 mm M61 Vulcan	Technology: None		Load Point Limits:	CL : 0–4	
To Hit:	7/5/3			1/2: 5–10		
Ammunition:	5.0			Weight Limit:	12,500	DT : 11+
Gunsight:	TT+0/HT+1/BT+2			Station	Limit	Allowed Loads
Ranging:	RE			1 and 5	1,000	BB RP RG WR EP MDR IRM ARM
AtA/AtG:	6/8*			2 and 4	3,500	BB RP RG WR EP ADR ARM FT
Bomb System:	Ballistic			3	5,000	BB RP WR EP FT
Notes: 1. 2. Low transonic drag (LTD). Rapid acceleration (RA) if CL. 3. Radar in air-to-ground mode has: Gr. Nav. (180) and Gr. Attack (90). 4. Internal fuel includes 350 gal fuel tank in bomb bay.				Load Notes: 1. May only use AIM-9 IRMs, AGM-45 and AGM-78 ARMs, and AGM-12 RGs.		
				VPs: 24/16/8/4		
				v1 0000000 0000-00-00T00:00:00		