

McDonnell F-101 Voodoo

- F-101B
- F-101C
- RF-101C
- RF-101C (Late)

F-101B Voodoo										Crew: Pilot and Radar Officer									
										Maneuver DPs:									
LR/DR		2.0																	
VR		1.5																	
Power APs/DPs: ○○										Turn DPs:									
CL	1/2	DT	Fuel			CL	1/2	DT											
AB	3.0	2.5	2.5	12.0		TT	1.5	1.5	1.5										
M	1.5	1.5	1.0	4.0		HT	2.0	2.5	2.5										
N	0.0	0.0	0.0	2.0		BT	2.5	3.0	3.0										
I	1.0	1.0	1.0	0.0		ET	—	—	—										
SPBR	1.0	1.0	2.0	—															
Smoker in military power (SMP).					Cruise Spd. CL: 5.5					Restr. Arcs: 60–									
					Climb Spd.: 4.5					Blind Arcs: 30–									
					Visibility: 7					Internal Fuel: 665									
					Size: +0					AtA Refuel: Yes									
					Vulnerability: +1					Ejection Seat: Std									
Speeds and Ceilings							Climb Capabilities												
Alt. Band	Conf. Ceil.	CL 55		1/2 50		DT 45	Dive Speed	CL AB Oth		1/2 AB Oth		DT AB Oth							
EH+	46+	4.0 – 10.0		4.5 – 9.0		—	12.0	2.0	0.5	1.0	0.5	—	—	EH+					
VH	36–45	3.5 – 11.0		4.0 – 10.0		4.0 – 8.5	12.0	2.0	1.0	1.0	0.5	1.0	0.5	VH					
HI	26–35	3.0 – 10.0		3.5 – 9.0		4.0 – 8.0	11.0	3.0	1.0	2.0	1.0	1.0	0.5	HI					
MH	17–25	2.5 – 9.0		3.0 – 8.0		3.5 – 7.0	10.0	4.0	1.0	3.0	1.0	2.0	1.0	MH					
ML	8–16	2.5 – 8.0		2.5 – 7.0		3.0 – 6.0	9.0	6.0	2.0	4.0	1.0	3.0	1.0	ML					
LO	0–7	2.0 – 7.0		2.5 – 6.5		2.5 – 6.0	8.0	7.0	3.0	5.0	2.0	3.0	1.0	LO					
Radar: MG-13														ECM: IFF		Weapon Stations Diagram:			
ECCM:		1		RWR:		—													
Arcs:		180+		DDS:		—													
Search:		180–30		DJM:		—													
Track:		60–20		AJM:		—													
Lock-On:		7		BJM:		—													
Guns:		—		Technology: IRSTS-A				Load Point Limits:				CL : < 5							
To Hit:		—										1/2: < 9							
Ammunition:		—						Weight Limit:				8,000		DT : ≥ 9					
Gunsight:		—						Station				Limit		Allowed Loads					
Ranging:		—						1 and 3				3,000		FT					
AtA/AtG:		—						2		2,000		IRM RHM Nuc RK							
Bomb System:		Manual						Load Notes:											
Notes:				1.				1. Station 2 is the internal weapons bay. It can carry two RHM/IRM and two MB-1 (AIR-2A) Genie nuclear rockets. 2. May only use GAR-1/1D (AIM-4/-4A) RHMs and GAR-2/-2A/-2B (AIM-4B/-4C/-4D) IRMs.											
							VPs: 24/16/8/4							v3 0000000 0000-00-00T00:00:00					

F-101C Voodoo										Crew: Pilot						
										Maneuver DPs:						
LR/DR		2.0														
VR		1.5														
Turn DPs:																
Power APs/DPs: ○○					Cruise Spd. CL: 5.5		Restr. Arcs: 60–		60–		CL		1/2	DT		
CL	1/2	DT	Fuel													
AB	3.0	2.5	2.5	12.0	Climb Spd.: 4.5		Blind Arcs: 30–		30–		TT	1.5	1.5	1.5		
M	1.5	1.5	1.0	4.0							HT	2.0	2.5	2.5		
N	0.0	0.0	0.0	2.0	Visibility: 7		Internal Fuel: 740		740		BT	2.5	3.0	3.0		
I	1.0	1.0	1.0	0.0							ET	—	—	—		
SPBR	1.0	1.0	2.0	—	Size: +0		AtA Refuel: Yes		Yes							
Smoker in military power (SMP).				Vulnerability: +1							Ejection Seat: Std					
Speeds and Ceilings						Climb Capabilities										
Alt. Band	Conf. Ceil.	CL 55		1/2 50		DT 45		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth		
EH+	46+	4.0 – 10.0		4.5 – 9.0		—		12.0		2.0 0.5		1.0 0.5		— —		EH+
VH	36–45	3.5 – 11.0		4.0 – 10.0		4.0 – 8.5		12.0		2.0 1.0		1.0 0.5		1.0 0.5		VH
HI	26–35	3.0 – 10.0		3.5 – 9.0		4.0 – 8.0		11.0		3.0 1.0		2.0 1.0		1.0 0.5		HI
MH	17–25	2.5 – 9.0		3.0 – 8.0		3.5 – 7.0		10.0		4.0 1.0		3.0 1.0		2.0 1.0		MH
ML	8–16	2.5 – 8.0		2.5 – 7.0		3.0 – 6.0		9.0		6.0 2.0		4.0 1.0		3.0 1.0		ML
LO	0–7	2.0 – 7.0		2.5 – 6.5		2.5 – 6.0		8.0		7.0 3.0		5.0 2.0		3.0 1.0		LO
Radar:		APS-154			ECM:		IFF		Weapon Stations Diagram:							
ECCM:		0			RWR:		—									
Arcs:		180+			DDS:		—									
Search:		60–12			DJM:		—									
Track:		48–12			AJM:		—									
Lock-On:		6			BJM:		—									
Guns:		Three 20 mm M39			Technology: None				Load Point Limits:				CL : < 5			
To Hit:		6/3/3											1/2: < 9			
Ammunition:		9.0							Weight Limit:				8,000 DT : ≥ 9			
Gunsight:		TT+0/HT+1/BT+2							Station				Limit		Allowed Loads	
Ranging:		RE							1 and 3				3,000		FT	
AtA/AtG:		4/6*							2				2,000		BB FT	
Bomb System:		Manual														
Notes:																
1.																
VPs: 16/11/5/3												v3 00000000 0000-00-00T00:00:00				

RF-101C Voodoo										Crew: Pilot				
										Maneuver DPs:				
LR/DR		2.0												
VR		1.5												
Power APs/DPs: ○○										Turn DPs:				
CL	1/2	DT	Fuel		CL	1/2	DT							
AB	3.0	2.5	2.5	12.0										
M	1.5	1.5	1.0	4.0										
N	0.0	0.0	0.0	2.0										
I	1.0	1.0	1.0	0.0										
SPBR	1.0	1.0	2.0	—										
Smoker in military power (SMP).					Cruise Spd. CL: 5.5 Restr. Arcs: 60–									
					Climb Spd.: 4.5 Blind Arcs: 30–									
					Visibility: 7 Internal Fuel: 740									
					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			
Band	Ceil.	55		50	45	Speed	AB	Oth	AB	Oth	AB	Oth		
EH+	46+	4.0 – 10.0		4.5 – 9.0	—	12.0	2.0	0.5	1.0	0.5	—	—		
VH	36–45	3.5 – 11.0		4.0 – 10.0	4.0 – 8.5	12.0	2.0	1.0	1.0	0.5	1.0	0.5		
HI	26–35	3.0 – 10.0		3.5 – 9.0	4.0 – 8.0	11.0	3.0	1.0	2.0	1.0	1.0	0.5		
MH	17–25	2.5 – 9.0		3.0 – 8.0	3.5 – 7.0	10.0	4.0	1.0	3.0	1.0	2.0	1.0		
ML	8–16	2.5 – 8.0		2.5 – 7.0	3.0 – 6.0	9.0	6.0	2.0	4.0	1.0	3.0	1.0		
LO	0–7	2.0 – 7.0		2.5 – 6.5	2.5 – 6.0	8.0	7.0	3.0	5.0	2.0	3.0	1.0		
Radar:					ECM:		Weapon Stations Diagram:							
ECCM:					RWR:									
Arcs:					DDS:									
Search:					DJM:									
Track:					AJM:									
Lock-On:					BJM:									
Guns:					Technology:		Load Point Limits:							
To Hit:					None		CL : < 5							
Ammunition:							1/2: < 9							
Gunsight:					TT+0/HT+1/BT+2		Weight Limit: 8,000							
Ranging:					RE		DT : ≥ 9							
AtA/AtG:					—		Station Limit Allowed Loads							
Bomb System: Manual							1 and 3 3,000 FT							
Notes:							2 2,000 BB FT							

RF-101C Voodoo (Late)										Crew: Pilot									
										Maneuver DPs:									
LR/DR 2.0																			
VR 1.5																			
Turn DPs:																			
Power APs/DPs: ○○					Cruise Spd. CL: 5.5					Restr. Arcs: 60–									
CL 1/2 DT Fuel					Climb Spd.: 4.5					Blind Arcs: 30–									
AB 3.0 2.5 2.5 12.0					Visibility: 7					Internal Fuel: 740									
M 1.5 1.5 1.0 4.0					Size: +0					AtA Refuel: Yes									
N 0.0 0.0 0.0 2.0					Vulnerability: +1					Ejection Seat: Std									
I 1.0 1.0 1.0 0.0																			
SPBR 1.0 1.0 2.0 —																			
Smoker in military power (SMP).																			
Speeds and Ceilings										Climb Capabilities									
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT					
Band Ceil.		55		50		45		Speed		AB Oth		AB Oth		AB Oth					
EH+ 46+		4.0 – 10.0		4.5 – 9.0		—		12.0		2.0 0.5		1.0 0.5		— —		EH+			
VH 36–45		3.5 – 11.0		4.0 – 10.0		4.0 – 8.5		12.0		2.0 1.0		1.0 0.5		1.0 0.5		VH			
HI 26–35		3.0 – 10.0		3.5 – 9.0		4.0 – 8.0		11.0		3.0 1.0		2.0 1.0		1.0 0.5		HI			
MH 17–25		2.5 – 9.0		3.0 – 8.0		3.5 – 7.0		10.0		4.0 1.0		3.0 1.0		2.0 1.0		MH			
ML 8–16		2.5 – 8.0		2.5 – 7.0		3.0 – 6.0		9.0		6.0 2.0		4.0 1.0		3.0 1.0		ML			
LO 0–7		2.0 – 7.0		2.5 – 6.5		2.5 – 6.0		8.0		7.0 3.0		5.0 2.0		3.0 1.0		LO			
Radar: —					ECM: IFF					Weapon Stations Diagram:									
ECCM: —					RWR: A														
Arcs: —					DDS: —														
Search: —					DJM: —														
Track: —					AJM: —														
Lock-On: —					BJM: —														
Guns: —					Technology:					Load Point Limits: CL : < 5									
To Hit: —					None					1/2: < 9									
Ammunition: —										Weight Limit: 8,000 DT : ≥ 9									
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads									
Ranging: RE										1 and 5 500 EP									
AtA/AtG: —										2 and 4 3,000 FT									
Bomb System: Manual										3 2,000 BB FT									
Notes:																			
1.																			
2. Camera-filled nose, with oblique and overhead cameras.																			
															VPs: 20/13/7/3				
															v3 00000000 0000-00-00T00:00:00				