

McDonnell F-101 Voodoo

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

F-101B Voodoo										Crew: Pilot and Radar Officer														
										Maneuver HFPs/DPs:														
LR/DR		1.0		1.5																				
VR				1.0																				
Power APs/DPs: ○○										Turn DPs:														
CL		1/2		DT		Fuel		CL		1/2		DT												
AB		3.0		2.5		2.5		12.0		TT		2.0												
M		1.5		1.5		1.0		4.0		HT		3.0												
N		0.0		0.0		0.0		2.0		BT		4.0												
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. 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										
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										
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										
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										
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										
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:					Load Point Limits:					CL : 0–4				
To Hit:					—					IRSTS-A										1/2: 5–8				
Ammunition:					—										Weight Limit:					8,000				
Gunsight:					—										Station					Limit				
Ranging:					—										1 and 3					3,000				
AtA/AtG:					—										2					2,000				
Bomb System:					Manual										Allowed Loads									
Notes:															1 and 3					FT				
1.															2					IRM RHM Nuc RK				
															Load Notes:									
															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									
																				v2 0000000 0000-00-00T00:00:00				

F-101C Voodoo										Crew: Pilot						
										Maneuver HFPs/DPs:						
LR/DR		1.0	1.5													
VR			1.0													
Turn DPs:																
Power APs/DPs: ○○ CL 1/2 DT Fuel 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 —					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					TT CL 1/2 DT 2.0 2.0 2.0						
										HT 3.0 4.0 4.0 BT 4.0 5.0 5.0 ET — — —						
Smoker in military power (SMP).																
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:				Load Point Limits:				CL : 0–4	
To Hit:		6/3/3										1/2: 5–8	
Ammunition:		9.0										DT : 9+	
Gunsight:		TT+0/HT+1/BT+2											
Ranging:		RE											
AtA/AtG:		4/6*						Station		Limit		Allowed Loads	
								1 and 3		3,000		FT	
								2		2,000		BB FT	
Bomb System:		Manual											
Notes: 1.													
VPs: 16/11/5/3								v2 0000000 0000-00-00T00:00:00					

RF-101C Voodoo										Crew: Pilot																			
										Maneuver HFPs/DPs:																			
LR/DR		1.0		1.5																									
VR				1.0																									
Power APs/DPs: ○○										Turn DPs:																			
CL		1/2		DT		Fuel		CL		1/2		DT																	
AB		3.0		2.5		2.5		12.0		TT		2.0																	
M		1.5		1.5		1.0		4.0		HT		3.0																	
N		0.0		0.0		0.0		2.0		BT		4.0																	
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: 740																			
					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:					—					ECM:					IFF					Weapon Stations Diagram:									
ECCM:					—					RWR:					—														
Arcs:					—					DDS:					—														
Search:					—					DJM:					—														
Track:					—					AJM:					—														
Lock-On:					—					BJM:					—														
Guns:					—					Technology:					Load Point Limits:					CL : 0–4									
To Hit:					—					None										1/2: 5–8									
Ammunition:					—										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:					—										2					2,000					BB FT				
Bomb System:					Manual																								
Notes:																													
1.																													
2. Camera-filled nose, with oblique and overhead cameras.																													
VPs: 20/13/7/3															v2 0000000 0000-00-00T00:00:00														

RF-101C Voodoo (Late)										Crew: Pilot							
										Maneuver HFPs/DPs:							
LR/DR		1.0		1.5													
VR				1.0													
Power APs/DPs: ○○										Turn DPs:							
CL		1/2		DT		Fuel		CL		1/2		DT					
AB		3.0		2.5		2.5		12.0		TT		2.0					
M		1.5		1.5		1.0		4.0		HT		3.0					
N		0.0		0.0		0.0		2.0		BT		4.0					
I		1.0		1.0		1.0		0.0		ET		5.0					
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:				IFF		Weapon Stations Diagram:					
ECCM:				—		RWR:				A							
Arcs:				—		DDS:				—							
Search:				—		DJM:				—							
Track:				—		AJM:				—							
Lock-On:				—		BJM:				—							
Guns:				—		Technology:				Load Point Limits: CL : 0–4 1/2: 5–8 Weight Limit: 8,000 DT : 9+							
To Hit:				—		None											
Ammunition:				—													
Gunsight:				TT+0/HT+1/BT+2													
Ranging:				RE													
AtA/AtG:				—						Station Limit Allowed Loads							
Bomb System:				Manual						1 and 5 500 EP							
										2 and 4 3,000 FT							
										3 2,000 BB FT							
Notes:																	
1.																	
2. Camera-filled nose, with oblique and overhead cameras.																	