

Vought F8U/F-8 Crusader

- F8U-1P
- RF-8A
- F8U-2
- F-8C
- F-8C (1966 Upgrade)
- F-8C (1969 Upgrade)
- F8U-2N
- F-8D
- F-8D (1966 Upgrade)
- F-8D (1969 Upgrade)
- F8U-2NE
- F-8E
- F-8E (1966 Upgrade)
- F-8E (1969 Upgrade)
- F-8E (FN)
- F-8J

Radar:	APS-67	ECM:	IFF	Weapon Stations Diagram:		
ECCM:	0	RWR:	—			
Arcs:	180+	DDS:	—			
Search:	40–8	DJM:	—			
Track:	24–6	AJM:	—			
Lock-On:	6	BJM:	—			
Guns:	—	Technology: IRSTS-A		Load Point Limits:	CL : < 1	
To Hit:	—			1/2: < 5		
Ammunition:	—			Weight Limit: 1,400	DT : ≥ 5	
Gunsight:	TT+0/HT+1/BT+2			Station	Limit	Allowed Loads
Ranging:	RE					
AtA/AtG:	—					
Bomb System:	Manual					
Notes: 1. 2. Rapid acceleration (RA). 3. Equipped with oblique camera and overhead day-and-night camera.						
VPs: 20/13/7/3				v3 0000000 0000-00-00T00:00:00		

F8U-2 Crusader										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: 6 Internal Fuel: 410 Size: +0 AtA Refuel: Yes Vulnerability: +0 Ejection Seat: Std					CL1/2DT										
CL1/2DTFuel										TT1.01.01.0										
AB2.52.52.07.0										HT1.01.51.5										
M1.01.01.02.0										BT2.02.02.0										
N0.00.00.01.0										ET2.02.52.5										
I1.01.01.00.0																				
SPBR1.01.01.0—																				
Speeds and Ceilings										Climb Capabilities										
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT						
Band Ceil.		52		50		48		Speed		AB Oth		AB Oth		AB Oth						
EH+		46+		3.5 – 11.0		4.0 – 10.0		4.0 – 9.0		12.0		1.0 0.5		1.0 0.5		1.0 0.5 EH+				
VH		36–45		3.0 – 11.0		3.0 – 10.0		3.0 – 9.0		12.0		1.0 0.5		1.0 0.5		1.0 0.5 VH				
HI		26–35		2.5 – 10.0		2.5 – 10.0		2.5 – 9.0		11.0		2.0 1.0		2.0 1.0		2.0 1.0 HI				
MH		17–25		2.0 – 9.0		2.0 – 9.0		2.0 – 8.0		10.0		3.0 1.0		3.0 1.0		2.0 1.0 MH				
ML		8–16		2.0 – 8.0		2.0 – 8.0		2.0 – 7.5		9.5		3.0 1.5		3.0 1.0		3.0 1.0 ML				
LO		0–7		1.5 – 7.5		2.0 – 7.5		2.0 – 7.5		8.5		4.0 2.0		3.0 1.0		3.0 1.0 LO				
Radar:				APS-67				ECM:				IFF				Weapon Stations Diagram:				
ECCM:				0				RWR:				—								
Arcs:				180+				DDS:				—								
Search:				40–8				DJM:				—								
Track:				24–6				AJM:				—								
Lock-On:				6				BJM:				—								
Guns:				Four 20 mm Mk 12				Technology:								Load Point Limits:				
To Hit:				6/4/3				CC Rocket Attack								CL : < 1				
Ammunition:				4.0												1/2: < 5				
Gunsight:				TT+0/HT+1/BT+2												Weight Limit: 1,400				
Ranging:				RE												DT : ≥ 5				
AtA/AtG:				5/6*																
Bomb System:				Manual												Station Limit Allowed Loads				
																1 and 3 350 IRM RP				
																2 0				
																Load Notes:				
																1. Station 2 is a retractable rocket pack with 3 factors of air-to-air rockets.				
																2. May only use AIM-9 IRMs.				
																3. May only use LAU-33 RPs.				
																</				

F-8C Crusader										Crew: Pilot							
										Maneuver DPs:							
LR/DR		1.5															
VR		0.5															
Turn DPs:																	
		CL	1/2	DT													
TT		1.0	1.0	1.0													
HT		1.0	1.5	1.5													
BT		2.0	2.0	2.0													
ET		2.0	2.5	2.5													
Power APs/DPs: ○					Cruise Spd. CL: 5.5					Restr. Arcs: 60–							
CL 1/2 DT Fuel					Climb Spd.: 4.5					Blind Arcs: 30–							
AB 2.5 2.5 2.0 7.0					Visibility: 6					Internal Fuel: 410							
M 1.0 1.0 1.0 2.0					Size: +0					AtA Refuel: Yes							
N 0.0 0.0 0.0 1.0					Vulnerability: +0					Ejection Seat: Std							
I 1.0 1.0 1.0 0.0																	
SPBR 1.0 1.0 1.0 —																	
Speeds and Ceilings							Climb Capabilities										
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT			
Band Ceil.		52		50		48		Speed		AB Oth		AB Oth		AB Oth			
EH+ 46+		3.5 – 11.0		4.0 – 10.0		4.0 – 9.0		12.0		1.0 0.5		1.0 0.5		1.0 0.5		EH+	
VH 36–45		3.0 – 11.0		3.0 – 10.0		3.0 – 9.0		12.0		1.0 0.5		1.0 0.5		1.0 0.5		VH	
HI 26–35		2.5 – 10.0		2.5 – 10.0		2.5 – 9.0		11.0		2.0 1.0		2.0 1.0		2.0 1.0		HI	
MH 17–25		2.0 – 9.0		2.0 – 9.0		2.0 – 8.0		10.0		3.0 1.0		3.0 1.0		2.0 1.0		MH	
ML 8–16		2.0 – 8.0		2.0 – 8.0		2.0 – 7.5		9.5		3.0 1.5		3.0 1.0		3.0 1.0		ML	
LO 0–7		1.5 – 7.5		2.0 – 7.5		2.0 – 7.5		8.5		4.0 2.0		3.0 1.0		3.0 1.0		LO	
Radar: APS-67					ECM: IFF					Weapon Stations Diagram:							
ECCM: 0					RWR: —												
Arcs: 180+					DDS: —												
Search: 40–8					DJM: —												
Track: 24–6					AJM: —												
Lock-On: 6					BJM: —												
Guns: Four 20 mm Mk 12					Technology:					Load Point Limits: CL : < 1							
To Hit: 6/4/3					CC Rocket Attack					1/2: < 5							
Ammunition: 4.0										Weight Limit: 1,400 DT : ≥ 5							
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads							
Ranging: RE										1 and 3 350 IRM RP							
AtA/AtG: 5/6*										2 0							
Bomb System: Manual										Load Notes:							
Notes: 1. 2. Rapid acceleration (RA).										1. Station 2 is a retractable rocket pack with 3 factors of air-to-air rockets.							
										2. May only use AIM-9 IRMs.							
										3. May only use LAU-33 RPs.							
					VPs: 20/13/7/3					v3 0000000 0000-00-00T00:00:00							

F-8D Crusader										Crew: Pilot									
										Maneuver DPs:									
LR/DR		1.5																	
VR		0.5																	
Turn DPs:																			
		CL	1/2	DT															
TT		1.0	1.0	1.0															
HT		1.0	1.5	1.5															
BT		2.0	2.0	2.0															
ET		2.0	2.5	2.5															
Power APs/DPs: ○					Cruise Spd. CL: 5.5					Restr. Arcs: 60–									
CL 1/2 DT Fuel					Climb Spd.: 4.5					Blind Arcs: 30–									
AB 2.5 2.5 2.0 7.0					Visibility: 6					Internal Fuel: 480									
M 1.0 1.0 1.0 2.0					Size: +0					AtA Refuel: Yes									
N 0.0 0.0 0.0 1.0					Vulnerability: +0					Ejection Seat: Std									
I 1.0 1.0 1.0 0.0																			
SPBR 1.0 1.0 1.0 —																			
Speeds and Ceilings						Climb Capabilities													
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT					
Band Ceil.		52		50		48		Speed		AB Oth		AB Oth		AB Oth					
EH+		46+		3.5 – 11.0		4.0 – 10.0		4.0 – 9.0		12.0		1.0 0.5		1.0 0.5		1.0 0.5			
VH		36–45		3.0 – 11.0		3.0 – 10.0		3.0 – 9.0		12.0		1.0 0.5		1.0 0.5		1.0 0.5			
HI		26–35		2.5 – 10.0		2.5 – 10.0		2.5 – 9.0		11.0		2.0 1.0		2.0 1.0		2.0 1.0			
MH		17–25		2.0 – 9.0		2.0 – 9.0		2.0 – 8.0		10.0		3.0 1.0		3.0 1.0		2.0 1.0			
ML		8–16		2.0 – 8.0		2.0 – 8.0		2.0 – 7.5		9.5		3.0 1.5		3.0 1.0		3.0 1.0			
LO		0–7		1.5 – 7.5		2.0 – 7.5		2.0 – 7.5		8.5		4.0 2.0		3.0 1.0		3.0 1.0			
Radar:				APQ-83				ECM:				IFF				Weapon Stations Diagram:			
ECCM:				0				RWR:				—							
Arcs:				180+				DDS:				—							
Search:				80–10				DJM:				—							
Track:				40–10				AJM:				—							
Lock-On:				6				BJM:				—							
Guns:				Four 20 mm Mk 12				Technology:				Load Point Limits:				CL : < 1			
To Hit:				6/4/3				IRSTS-A								1/2: < 5			
Ammunition:				4.0								Weight Limit:				1,400			
Gunsight:				TT+0/HT+1/BT+2								Station				Limit			
Ranging:				RE								1 and 2				700			
AtA/AtG:				5/6*												Allowed Loads			
Bomb System:				Manual												IRM RHM RP			
Notes:																Load Notes:			
1.																1. May only use AIM-9 IRMs and AIM-9C RHMs.			
2. Rapid acceleration (RA).																2. May only use LAU-33 RPs.			
								</											

F8U-2NE Crusader										Crew: Pilot					
										Maneuver DPs:					
LR/DR		1.5													
VR		0.5													
Turn DPs:															
Power APs/DPs: ○					CL		1/2		DT						
					AB		2.5		2.0		2.0		8.0		
M					1.0		1.0		1.0		2.0				
N					0.0		0.0		0.0		1.0				
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: 6		Internal Fuel: 435								
					Size: +0		AtA Refuel: Yes								
					Vulnerability: +0		Ejection Seat: Std								
Speeds and Ceilings						Climb Capabilities									
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT	
Band Ceil.		58		52		45		Speed		AB Oth		AB Oth		AB Oth	
EH+		46+		4.0 – 11.0		4.0 – 9.5		—		12.0		1.0 0.5		1.0 0.5	
VH		36–45		3.5 – 11.0		3.5 – 9.5		4.0 – 8.5		12.0		1.0 0.5		1.0 0.5	
HI		26–35		3.0 – 10.0		3.0 – 9.0		3.5 – 8.0		11.0		2.0 1.0		1.0 0.5	
MH		17–25		2.5 – 9.0		2.5 – 8.5		3.0 – 7.5		10.0		3.0 1.0		1.0 0.5	
ML		8–16		2.0 – 8.0		2.0 – 7.5		2.5 – 7.0		9.0		3.0 1.5		2.0 1.0	
LO		0–7		1.5 – 7.5		2.0 – 7.5		2.0 – 6.5		8.0		3.0 1.5		2.0 1.0	
Radar:				APQ-94		ECM:		IFF		Weapon Stations Diagram:					
ECCM:				0		RWR:		—							
Arcs:				180+		DDS:		—							
Search:				120–20		DJM:		—							
Track:				90–15		AJM:		—							
Lock-On:				6		BJM:		—							
Guns:				Four 20 mm Mk 12		Technology:				Load Point Limits:					
To Hit:				6/4/3		IRSTS-A				CL : < 3					
Ammunition:				4.0						1/2: < 7					
Gunsight:				TT+0/HT+1/BT+2						Weight Limit: 5,500					
Ranging:				RE						DT : ≥ 7					
AtA/AtG:				5/6*											
Bomb System:				Manual						Station Limit Allowed Loads					
Notes:										1 and 4 2,700 BB RP RG WR					
										2 and 3 700 IRM RHM RP MDR DR					
										Load Notes:					
										1. May only use AIM-9 IRMs and RHM.					
										2. May only use LAU-33 RPs on stations 2 and 3.					
3. May only use AGM-12 RGs.															
VPs: 24/16/8/4						v3 00000000 0000-00-00T00:00:00									

Radar: APQ-94 ECCM: 0 Arcs: 180+ Search: 120–20 Track: 90–15 Lock-On: 6	ECM: IFF RWR: A DDS: — DJM: A3 AJM: — BJM: —	Weapon Stations Diagram:									
Guns: Four 20 mm Mk 12 To Hit: 6/4/3 Ammunition: 2.5 Gunsight: TT+0/HT+1/BT+2 Ranging: RE AtA/AtG: 5/6*	Technology: IRSTS-A										
Bomb System: Manual	Load Point Limits: CL : < 3 1/2: < 7 Weight Limit: 5,500 DT : ≥ 7										
<table border="1"> <thead> <tr> <th>Station</th> <th>Limit</th> <th>Allowed Loads</th> </tr> </thead> <tbody> <tr> <td>1 and 4</td> <td>2,700</td> <td>BB RP RG WR</td> </tr> <tr> <td>2 and 3</td> <td>700</td> <td>IRM RHM RP MDR DR</td> </tr> </tbody> </table>			Station	Limit	Allowed Loads	1 and 4	2,700	BB RP RG WR	2 and 3	700	IRM RHM RP MDR DR
Station	Limit	Allowed Loads									
1 and 4	2,700	BB RP RG WR									
2 and 3	700	IRM RHM RP MDR DR									
Load Notes: 1. May only use AIM-9 IRMs and RHMs. 2. May only use LAU-33 RPs on stations 2 and 3. 3. May only use AGM-12 RGs.											
Notes: 1. 2. Rapid acceleration (RA).											
VPs: 24/16/8/4		v3 0000000 0000-00-00T00:00:00									

Radar: APQ-94 ECCM: 0 Arcs: 180+ Search: 120–20 Track: 90–15 Lock-On: 6	ECM: IFF RWR: — DDS: — DJM: — AJM: — BJM: —	Weapon Stations Diagram:								
Guns: Four 20 mm Mk 12 To Hit: 6/4/3 Ammunition: 4.0 Gunsight: TT+0/HT+1/BT+2 Ranging: RE AtA/AtG: 5/6*	Technology: IRSTS-A									
Bomb System: Manual	Notes: 1. 2. Rapid acceleration (RA).	Load Point Limits: CL : < 3 1/2: < 7 Weight Limit: 5,500 DT : ≥ 7								
		<table border="1"> <thead> <tr> <th>Station</th> <th>Limit</th> <th>Allowed Loads</th> </tr> </thead> <tbody> <tr> <td>1 and 4</td> <td>2,700</td> <td>BB RP RG WR</td> </tr> <tr> <td>2 and 3</td> <td>700</td> <td>IRM RHM RP MDR DR</td> </tr> </tbody> </table> Load Notes: 1. May only use Matra 550 IRMs and Matra 530 RHM's. 2. May only use LAU-33 RPs on stations 2 and 3. 3. May only use AS-30 RGs.	Station	Limit	Allowed Loads	1 and 4	2,700	BB RP RG WR	2 and 3	700
Station	Limit	Allowed Loads								
1 and 4	2,700	BB RP RG WR								
2 and 3	700	IRM RHM RP MDR DR								
VPs: 24/16/8/4		v3 0000000 0000-00-00T00:00:00								

F-8J Crusader										Crew: Pilot									
										Maneuver DPs: <div>LR/DR1.5 VR0.5</div>									
Turn DPs: <div><div>CL1/2DT</div><div>TT1.01.01.0 HT1.51.51.5 BT2.02.02.5 ET2.5— —</div></div>																			
															Power APs/DPs: ○ <div><div>CL1/2DTFuel</div><div>AB2.52.02.08.0 M1.01.01.02.0 N0.00.00.01.0 I1.01.01.00.0 SPBR1.01.02.0—</div></div>				
Speeds and Ceilings										Climb Capabilities									
Alt. Band	Conf. Ceil.	CL 58		1/2 52		DT 45		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth					
EH+	46+	4.0 – 11.0		4.0 – 9.5		—		12.0		1.0 0.5		1.0 0.5		— —		EH+			
VH	36–45	3.5 – 11.0		3.5 – 9.5		4.0 – 8.5		12.0		1.0 0.5		1.0 0.5		1.0 0.5		VH			
HI	26–35	3.0 – 10.0		3.0 – 9.0		3.5 – 8.0		11.0		2.0 1.0		1.0 0.5		1.0 0.5		HI			
MH	17–25	2.5 – 9.0		2.5 – 8.5		3.0 – 7.5		10.0		3.0 1.0		2.0 1.0		1.0 0.5		MH			
ML	8–16	2.0 – 8.0		2.0 – 7.5		2.5 – 7.0		9.0		3.0 1.5		2.0 1.0		2.0 1.0		ML			
LO	0–7	1.5 – 7.5		2.0 – 7.5		2.0 – 6.5		8.0		3.0 1.5		3.0 1.0		2.0 1.0		LO			

Radar:			APQ-124		ECM:		IFF		Weapon Stations Diagram:							
ECCM:			0		RWR:		A									
Arcs:			180+		DDS:		—									
Search:			150–30		DJM:		A3									
Track:			90–30		AJM:		—									
Lock-On:			6		BJM:		—									
Guns:			Four 20 mm Mk 12			Technology:			Load Point Limits:							
To Hit:			6/4/3			IRSTS-A			CL : < 3							
Ammunition:			2.5						1/2: < 7							
Gunsight:			TT+0/HT+1/BT+2						Weight Limit: 5,500 DT : ≥ 7							
Ranging:			RE						StationLimitAllowed Loads							
AtA/AtG:			5/6*						1 and 42,700BB RP RG WR FT							
									2 and 3700IRM RHM RP MDR DR							
Bomb System:			Manual						Load Notes:							
Notes: 1. 2. Rapid acceleration (RA).										1. May only use AIM-9 IRMs and RHM.						
										2. May only use LAU-33 RPs on stations 2 and 3.						
										3. May only use AGM-12 RGs.						
VPs: 24/16/8/4										v3 0000000 0000-00-00T00:00:00						