

Convair F-102 Delta Dagger

- F-102A
- F-102A (Late)

F-102A Delta Dagger					Crew: Pilot												
					Maneuver DPs:												
					LR/DR	2.0											
					VR	1.0											
					Turn DPs:												
					CL	1/2	DT										
					TT	0.75	0.75	1.25									
					HT	1.25	1.25	1.75									
					BT	1.75	1.75	2.25									
					ET	2.25	—	—									
Smoker in military power (SMP).																	
Speeds and Ceilings																	
Alt. Band	Conf. Ceil.	CL 55	1/2 53	DT 50	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth									
EH+	46+	3.0 – 7.5	3.5 – 6.0	3.5 – 6.0	10.0	1.0 0.5	1.0 0.5	1.0 0.5	EH+								
VH	36–45	3.5 – 8.0	3.0 – 6.5	3.5 – 6.0	10.0	2.0 0.5	1.0 0.5	1.0 0.5	VH								
HI	26–35	2.5 – 8.0	3.0 – 6.5	3.0 – 6.0	9.5	2.0 0.5	1.0 0.5	1.0 0.5	HI								
MH	17–25	2.5 – 8.0	2.5 – 6.5	2.5 – 6.0	9.0	2.0 1.0	2.0 1.0	1.0 0.5	MH								
ML	8–16	2.0 – 7.5	2.5 – 7.0	2.5 – 6.5	8.0	3.0 1.0	2.0 1.0	2.0 1.0	ML								
LO	0–7	1.5 – 7.0	2.0 – 7.0	2.0 – 6.5	7.5	3.0 1.0	2.0 1.0	2.0 1.0	LO								
Radar: Hughes MG-3		ECM: IFF		Weapon Stations Diagram:													
ECCM:	0	RWR:	—														
Arcs:	180+	DDS:	—														
Search:	90–10	DJM:	—														
Track:	40–8	AJM:	—														
Lock-On:	7	BJM:	—														
Guns: —		Technology: CC Rocket Attack		Load Point Limits: CL : < 4 1/2: < 7													
To Hit:	—			Weight Limit: 4,000 DT : ≥ 7													
Ammunition:	—			Station Limit Allowed Loads													
Gunsight:	—			1 and 5 1,500 FT													
Ranging:	—			2 and 4 280 IRM RHM													
AtA/AtG:	—			3 280 IRM RHM													
Bomb System: None		Load Notes:															
<p>Notes:</p> <ol style="list-style-type: none"> 1. 2. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM). 																	
<p>1. Stations 2 to 4 corresponds to the internal weapons bays. They can each carry two RHM and IRMs. The central bay 3 also has two factors of air-to-air rocket.</p> <p>2. May only use GAR-1/1D (AIM-4/-4A) RHMs and GAR-2/-2A/-2B (AIM-4B/-4C/-4D) IRMs.</p>																	
VPs: 20/13/7/3								v3 0000000 0000-00-00T00:00:00									

F-102A Delta Dagger (Late)						Crew: Pilot		
						Maneuver DPs:		
					Turn DPs:	CL	1/2	DT
Power APs/DPs: ○					TT	0.75	0.75	1.25
	CL	1/2	DT	Fuel	HT	1.25	1.25	1.75
AB	2.5	2.0	2.0	7.0	BT	1.75	1.75	2.25
M	1.0	1.0	1.0	2.0	ET	2.25	—	—
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	—				
Smoker in military power (SMP).								
Cruise Spd. CL: 5.5 Restr. Arcs: —								
Climb Spd.: 4.5 Blind Arcs: 60–								
Visibility: 7 Internal Fuel: 340								
Size: +0 AtA Refuel: No								
Vulnerability: -1 Ejection Seat: Std								

Speeds and Ceilings						Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 55	1/2 53	DT 50	Dive Speed	CL AB	1/2 AB	DT AB		0.5 Oth	0.5 Oth
EH+	46+	3.0 – 7.5	3.5 – 6.0	3.5 – 6.0	10.0	1.0	0.5	1.0	0.5	1.0	0.5
VH	36–45	3.5 – 8.0	3.0 – 6.5	3.5 – 6.0	10.0	2.0	0.5	1.0	0.5	1.0	0.5
HI	26–35	2.5 – 8.0	3.0 – 6.5	3.0 – 6.0	9.5	2.0	0.5	1.0	0.5	1.0	0.5
MH	17–25	2.5 – 8.0	2.5 – 6.5	2.5 – 6.0	9.0	2.0	1.0	2.0	1.0	1.0	0.5
ML	8–16	2.0 – 7.5	2.5 – 7.0	2.5 – 6.5	8.0	3.0	1.0	2.0	1.0	2.0	1.0
LO	0–7	1.5 – 7.0	2.0 – 7.0	2.0 – 6.5	7.5	3.0	1.0	2.0	1.0	2.0	1.0

Radar:	Hughes MG-3	ECM:	IFF	Weapon Stations Diagram:		
ECCM:	0	RWR:	—			
Arcs:	180+	DDS:	—			
Search:	90–10	DJM:	—			
Track:	40–8	AJM:	—			
Lock-On:	7	BJM:	—			
Guns:	—	Technology:		Load Point Limits:		
To Hit:	—	CC Rocket Attack and IRST-A		CL : < 4		
Ammunition:	—			1/2: < 7		
Gunsight:	—					
Ranging:	—			Weight Limit:		
AtA/AtG:	—			4,080		
Bomb System: None				DT : ≥ 7		
Notes:						
1.						
2. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).						
Load Point Limits:						
Station		Limit	Allowed Loads			
1 and 5		1,500	FT			
2 and 4		280	IRM RHM			
3		520	IRM RHM			
Load Notes:						
1. Stations 2 to 4 corresponds to the internal weapons bays. They can each carry two RHMs and IRMs.						
2. The side bays 2 and 4 may carry only AIM-4B/-4C/-4D (GAR-2/-2A/-2B) IRMs and AIM-4/-4A (GAR-1/1D). The central bay 3 may also carry AIM-26A/-26B RHMs.						
VPs: 20/13/7/3				v3.0000000 0000-00-00T00:00:00		