

Convair F-106 Delta Dart

- F-106A
- F-106A (SIX SHOOTER)

F-106A Delta Dart									Crew: Pilot			
									Maneuver DPs:			
									LR/DR	2.0		
									VR	1.0		
Power APs/DPs: ○									Turn DPs:			
	CL	1/2	DT	Fuel					CL	1/2	DT	
AB	2.5	2.5	2.0	9.0					TT	1.25	1.75	1.75
M	1.5	1.5	1.0	3.0					HT	1.75	2.25	2.25
N	0.0	0.0	0.0	1.0					BT	2.25	2.75	2.75
I	1.0	1.0	1.0	0.0	Cruise Spd. CL: 6.0				ET	2.75	—	—
SPBR	1.0	1.0	1.0	—	Restr. Arcs: —							
Smoker in military power (SMP).					Climb Spd.: 4.0							
					Blind Arcs: 60–							
					Visibility: 7							
					Internal Fuel: 465							
					Size: +0				AtA Refuel:	Yes		
					Vulnerability: -1				Ejection Seat:	Std		

Speeds and Ceilings						Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 57	1/2 52	DT 48	Dive Speed	CL AB	1/2 AB	DT AB			
EH+	46+	4.0 – 13.0	4.0 – 11.0	4.5 – 10.0	15.0	2.0	1.0	2.0	0.5	1.0	0.5
VH	36–45	3.5 – 14.0	3.5 – 12.0	4.0 – 10.5	15.0	2.0	1.0	2.0	1.0	1.0	0.5
HI	26–35	3.0 – 12.5	3.5 – 12.0	4.0 – 10.5	14.0	3.0	1.0	3.0	1.0	2.0	1.0
MH	17–25	2.5 – 12.0	3.0 – 11.0	3.0 – 10.0	12.0	4.0	2.0	3.0	1.0	2.0	1.0
ML	8–16	2.5 – 10.0	2.5 – 9.0	2.5 – 8.0	10.0	5.0	2.0	3.0	1.0	2.0	1.0
LO	0–7	2.0 – 8.0	2.0 – 8.0	2.5 – 7.5	9.0	5.0	2.0	4.0	2.0	3.0	1.0

Radar:	Hughes MA-1	ECM:	IFF	Weapon Stations Diagram:
ECCM:	2	RWR:	—	
Arcs:	180+	DDS:	—	
Search:	180–30	DJM:	—	
Track:	60–30	AJM:	—	
Lock-On:	7	BJM:	—	
Guns:	—	Technology:		Load Point Limits:
To Hit:	—	IRSTS-A		CL : < 6 1/2: < 9
Ammunition:	—			Weight Limit: 7,000 DT : ≥ 9
Gunsight:	—			
Ranging:	—			
AtA/AtG:	—			
Bomb System:	None			
Notes:				Station Limit Allowed Loads
1.				1 and 3 2,700 FT
2. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).				2 1,600 IRM RHM Nuc RK
				Load Notes:
				1. Station 2 is the internal weapons bay. It can carry four RHMs or IRMs and one MB-1 (AIR-2A) Genie nuclear rocket.
				2. May only use GAR-3/-3A (AIM-4E/-4F) RHMs and GAR-4/-4A (AIM-4H) IRMs.
				3. Typical load is two IRMs and two RHMs plus the Genie.
				VPs: 25/17/8/4
				v3.0000000 0000-00-00T00:00:00

F-106A Delta Dart (SIX SHOOTER)										Crew: Pilot					
Power APs/DPs: ○										Maneuver DPs:					
AB 2.5 2.5 2.0 9.0 M 1.5 1.5 1.0 3.0 N 0.0 0.0 0.0 1.0 I 1.0 1.0 1.0 0.0 SPBR 1.0 1.0 1.0 —										LR/DR 2.0	VR 1.0				
Smoker in military power (SMP).					Cruise Spd. CL: 6.0 Restr. Arcs: — Climb Spd.: 4.0 Blind Arcs: 60– Visibility: 7 Internal Fuel: 465 Size: +0 AtA Refuel: Yes Vulnerability: -1 Ejection Seat: Std					Turn DPs:					
					CL 1/2 DT TT 1.25 1.75 1.75 HT 1.75 2.25 2.25 BT 2.25 2.75 2.75 ET 2.75 — —										
Speeds and Ceilings															
Alt. Band	Conf. Ceil.	CL 57	1/2 52	DT 48	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth							
EH+	46+	4.0 – 13.0	4.0 – 11.0	4.5 – 10.0	15.0	2.0 1.0	2.0 0.5	1.0 0.5					EH+		
VH	36–45	3.5 – 14.0	3.5 – 12.0	4.0 – 10.5	15.0	2.0 1.0	2.0 1.0	1.0 0.5					VH		
HI	26–35	3.0 – 12.5	3.5 – 12.0	4.0 – 10.5	14.0	3.0 1.0	3.0 1.0	2.0 1.0					HI		
MH	17–25	2.5 – 12.0	3.0 – 11.0	3.0 – 10.0	12.0	4.0 2.0	3.0 1.0	2.0 1.0					MH		
ML	8–16	2.5 – 10.0	2.5 – 9.0	2.5 – 8.0	10.0	5.0 2.0	3.0 1.0	2.0 1.0					ML		
LO	0–7	2.0 – 8.0	2.0 – 8.0	2.5 – 7.5	9.0	5.0 2.0	4.0 2.0	3.0 1.0					LO		
Radar: Hughes MA-1				ECM:	IFF	Weapon Stations Diagram:									
ECCM:	2			RWR:	—										
Arcs:	180+			DDS:	—										
Search:	180–30			DJM:	—										
Track:	60–30			AJM:	—										
Lock-On:	7			BJM:	—										
Guns: 20 mm M61A1 Vulcan				Technology: IRSTS-A		Load Point Limits: CL : < 6 1/2: < 9									
To Hit:	7/5/3					Weight Limit: 7,000 DT : ≥ 9									
Ammunition:	3.0					Station Limit Allowed Loads									
Gunsight:	TT+0/HT+1/BT+2					1 and 3 2,700 FT									
Ranging:	RE					2 1,600 IRM RHM									
AtA/AtG:	6/8*					Load Notes:									
Bomb System:	None					1. Station 2 is the internal weapons bay. It can carry four RHMs or IRMs and the M61A1 gun. 2. May only use GAR-3/-3A (AIM-4E/-4F) RHMs and GAR-4/-4A (AIM-4H) IRMs. 3. Typical load is two IRMs and two RHMs.									
Notes:															
1.															
2. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).															
												VPs: 25/17/8/4 0000-00-00T00:00:00			
												v3 0000000 0000-00-00T00:00:00			