

## **Convair F-106 Delta Dart**

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

F-106A Delta Dart										Crew: Pilot										
										Maneuver HFPs/DPs:										
										LR/DR		1.0		1.5						
										VR				0.5						
Power APs/DPs/FPs: ○										Turn DPs:										
CL		1/2		DT						Fuel										
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		TT					1.0		2.0		2.0	
I		0.5		0.5		0.5		0.0		HT					2.0		3.0		3.0	
SPBR		0.5		0.5		0.5		—		BT					3.0		4.0		4.0	
										ET					4.0		—		—	
Smoker in military power (SMP).					Cruise Speed: 6.0					Restr. Arcs: —										
					Climb Speed: 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 Oth		1/2 AB Oth		DT AB Oth		Alt. Band		
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: —					Technology: IRSTS-A					Load Point Limits: CL : 0–5										
To Hit: —										1/2: 6–8										
Ammunition: —										Weight Limit: 7,000 DT : 9+										
Gunsight: —										Station Limit Allowed Loads										
Ranging: —										1 and 3 2,700 FT										
AtA/AtG: —										2 1,600 IRM RHM Nuc RK										
Bomb System: None										Load Notes:										
Notes: 1. 2. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).										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										v1.0000000 0000-00-00T00:00:00										

<div><div><div>F-106A Delta Dart</div><div>(SIX SHOOTER)</div></div><div><div>Power APs/DPs/FPs:</div><div><div>CL1/2DTFuel</div><div>AB2.52.52.09.0</div><div>M1.51.51.03.0</div><div>N0.00.00.01.0</div><div>I0.50.50.50.0</div><div>SPBR0.50.50.5—</div></div></div><div>Smoker in military power (SMP).</div></div>					<div>Crew: Pilot</div> <div><div>Maneuver HFPs/DPs:</div><div><div>LR/DR1.01.5</div><div>VR0.5</div></div><div><div>Turn DPs:</div><div><div>CL1/2DT</div><div>TT1.02.02.0</div><div>HT2.03.03.0</div><div>BT3.04.04.0</div><div>ET4.0—</div></div></div></div>						
										<div>Cruise Speed: 6.0</div> <div>Restr. Arcs: —</div> <div>Climb Speed: 4.0</div> <div>Blind Arcs: 60–</div> <div>Visibility: 7</div> <div>Internal Fuel: 465</div> <div>Size: +0</div> <div>AtA Refuel: Yes</div> <div>Vulnerability: −1</div> <div>Ejection Seat: Std</div>	
Speeds and Ceilings						Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 57	1/2 52	DT 48	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	Alt. Band		
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		

<div><div>Radar:</div><div>Hughes MA-1</div><div>ECCM: 2</div><div>Arcs: 180+</div><div>Search: 180–30</div><div>Track: 60–30</div><div>Lock-On: 7</div></div>	<div><div>ECM:</div><div>IFF</div><div>RWR: —</div><div>DDS: —</div><div>DJM: —</div><div>AJM: —</div><div>BJM: —</div></div>	<div>Weapon Stations Diagram:</div>
<div><div>Guns:</div><div>20 mm M61A1 Vulcan</div><div>To Hit: 7/5/3</div><div>Ammunition: 3.0</div><div>Gunsight: TT+0/HT+1/BT+2</div><div>Ranging: RE</div><div>AtA/AtG: 6/8*</div></div>	<div><div>Technology:</div><div>IRSTS-A</div></div>	<div><div>Load Point Limits:</div><div>CL : 0–5</div><div>1/2: 6–8</div><div>Weight Limit: 7,000</div><div>DT : 9+</div></div>
<div><div>Bomb System:</div><div>None</div></div>		<div><div>Station</div><div>Limit</div><div>Allowed Loads</div><div>1 and 3</div><div>2,700</div><div>FT</div><div>2</div><div>1,600</div><div>IRM RHM</div></div> <div><div>Load Notes:</div><div>1. Station 2 is the internal weapons bay. It can carry four RHMs or IRMs and the M61A1 gun.</div><div>2. May only use GAR-3/-3A (AIM-4E/-4F) RHMs and GAR-4/-4A (AIM-4H) IRMs.</div><div>3. Typical load is two IRMs and two RHMs.</div></div>
<div><div>Notes:</div><div>1.</div><div>2. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).</div></div>		
VPs: 25/17/8/4		<div><div>v1 0000000</div><div>0000-00-00T00:00:00</div></div>