

General Dynamics F-111 Aardvark

- F-111A — forward geometry
- F-111A — mid geometry
- F-111A — aft geometry
- F-111E — forward geometry
- F-111E — mid geometry
- F-111E — aft geometry

F-111A Aardvark										Crew: Pilot and Weapons Officer									
										Maneuver HFPs/DPs:									
LR/DR		1.0		2.0															
VR				1.0															
Power APs/DPs/FPs: ○○										Turn DPs:									
CL		1/2		DT		Fuel		CL		1/2		DT							
AB		2.0		1.5		1.0		16.0		TT		2.0		2.0					
M		1.0		1.0		0.5		4.0		HT		4.0		4.0					
N		0.0		0.0		0.0		2.0		BT		—		—					
I		0.5		0.5		1.0		0.0		ET		—		—					
SPBR		0.5		1.0		1.0		—											
Smoker in military power (SMP).					Cruise Speed: 5.5					Restr. Arcs: —									
					Climb Speed: 4.5					Blind Arcs: 60–									
					Visibility: 8					Internal Fuel: 1600									
					Size: –1					AtA Refuel: Yes									
					Vulnerability: +0					Ejection Seat: Std									
Speeds and Ceilings										Climb Capabilities									
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT		Alt.			
Band Ceil.		51		36		24		Speed		AB Oth		AB Oth		AB Oth		Band			
EH+		46+		—		—		—		3.5		1.0 0.5		— —		EH+			
VH		36–45		3.5 – 3.5		3.5 – 3.5		—		3.5		1.0 0.5		1.0 0.5		VH			
HI		26–35		2.5 – 3.5		3.5 – 3.5		—		3.5		2.0 1.0		1.0 0.5		HI			
MH		17–25		2.5 – 3.5		3.0 – 3.5		3.0 – 3.5		3.5		2.0 1.0		1.0 0.5		MH			
ML		8–16		2.0 – 3.5		2.5 – 3.5		2.5 – 3.5		3.5		3.0 1.0		2.0 1.0		ML			
LO		0–7		1.5 – 3.5		2.5 – 3.5		2.5 – 3.5		3.5		3.0 1.0		2.0 1.0		LO			
Radar: APQ-110/113					ECM: IFF					Weapon Stations Diagram:									
ECCM: 1					RWR: A														
Arcs: 180+					DDS: A														
Search: Gr. Nav. (420)					DJM: A3														
Track: Gr. Attack (120)					AJM: —														
Lock-On: 8					BJM: —														
Guns: One 20 mm M61A1 gun pack					Technology:					Load Point Limits: CL : 0–8									
To Hit: 5/3/2					Terrain Following-B					1/2: 9–18									
Ammunition: 10.0										Weight Limit: 34,000 DT : 19+									
Gunsight: TT+0/HT+2/BT+3										Station Limit Allowed Loads									
Ranging: —										1 and 11 2,500 BB WR									
AtA/AtG: 6/8*										2 and 10 5,000 BB WR FT									
Bomb System: Ballistic computed										3–4 and 8–9 5,000 BB BG WR FT IRM									
Notes: 1. 2. This is a variable-geometry aircraft with allowed geometries of forward, mid, and aft. The geometry may be changed by one step at the end of each turn. The data shown here are for the forward geometry.										5 4,000 Nuc BB GP									
										6 and 7 600 EP									
										Load Notes:									
										1. The wing stations (1 to 4 and 8 to 11) may only carry a total weight of 30,000.									
										2. Stations 1, 2, 10, and 11 do not swivel. If used, wings must remain forward until all stores carried on them are expended or jettisoned.									
										3. Stations 1 and 11 were never used operationally.									
					4. Stations 3, 4, 8, and 9 may carry one AIM-9 IRM in addition to other non-missile stores.														
					5. Station 5 is the internal weapon bay. It may carry a 20 mm M61A1 gun pack (weight 2000 and load 1) and a nuclear BB or two nuclear BBs.														
					6. Stations 6 and 7 are the rear centerline stations.														
VPs: 32/21/11/5										v1 0000000 0000-00-00T00:00:00									

F-111A Aardvark										Crew: Pilot and Weapons Officer				
										Maneuver HFPs/DPs: <div>LR/DR1.02.0</div> <div>VR1.0</div>				
Turn DPs: <div>CL1/2DT</div> <div>TT2.02.02.0</div> <div>HT4.04.04.0</div> <div>BT6.06.06.0</div> <div>ET— — —</div>														
					Power APs/DPs/FPs: ○○ <div>CL1/2DTFuel</div> <div>AB2.01.51.016.0</div> <div>M1.01.00.54.0</div> <div>N0.00.00.02.0</div> <div>I0.50.51.00.0</div> <div>SPBR0.51.01.0—</div>									
Smoker in military power (SMP).														
Speeds and Ceilings							Climb Capabilities							
Alt. Band	Conf. Ceil.	CL 51	1/2 36	DT 24	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	Alt. Band					
EH+	46+	4.0 – 8.0	—	—	8.0	1.0 0.5	— —	— —	EH+					
VH	36–45	3.5 – 8.0	3.5 – 8.0	—	8.0	1.0 0.5	1.0 0.5	— —	VH					
HI	26–35	2.5 – 8.0	3.5 – 8.0	—	8.0	2.0 1.0	1.0 0.5	— —	HI					
MH	17–25	2.5 – 8.0	3.0 – 8.0	3.0 – 7.5	8.0	2.0 1.0	1.0 0.5	1.0 0.5	MH					
ML	8–16	2.0 – 8.0	2.5 – 8.0	2.5 – 7.0	8.0	3.0 1.0	2.0 1.0	1.0 0.5	ML					
LO	0–7	2.0 – 8.0	3.0 – 7.5	3.0 – 6.5	8.0	3.0 1.0	2.0 1.0	1.5 0.5	LO					

Radar: APQ-110/113		ECM: IFF		Weapon Stations Diagram:	
ECCM: 1		RWR: A			
Arcs: 180+		DDS: A			
Search: Gr. Nav. (420)		DJM: A3			
Track: Gr. Attack (120)		AJM: —			
Lock-On: 8		BJM: —			
Guns: One 20 mm M61A1 gun pack		Technology:		Load Point Limits:	
To Hit: 5/3/2		Terrain Following-B		CL : 0–8	
Ammunition: 10.0				1/2: 9–18	
Gunsight: TT+0/HT+2/BT+3				Weight Limit: 34,000	
Ranging: —				DT : 19+	
AtA/AtG: 6/8*					
Bomb System: Ballistic computed				StationLimitAllowed Loads	
Notes: 1. 2. This is a variable-geometry aircraft with allowed geometries of forward, mid, and aft. The geometry may be changed by one step at the end of each turn. The data shown here are for the mid geometry. 3. Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).				1 and 112,500BB WR	
				2 and 105,000BB WR FT	
				3–4 and 8–95,000BB BG WR FT IRM	
				54,000Nuc BB GP	
				6 and 7600EP	
		Load Notes:			
				1. The wing stations (1 to 4 and 8 to 11) may only carry a total weight of 30,000.	
				2. Stations 1, 2, 10, and 11 do not swivel. If used, wings must remain forward until all stores carried on them are expended or jettisoned.	
				3. Stations 1 and 11 were never used operationally.	
				4. Stations 3, 4, 8, and 9 may carry one AIM-9 IRM in addition to other non-missile stores.	
				5. Station 5 is the internal weapon bay. It may carry a 20 mm M61A1 gun pack (weight 2000 and load 1) and a nuclear BB or two nuclear BBs.	
				6. Stations 6 and 7 are the rear centerline stations.	
				VPs: 32/21/11/5	
				v1 0000000 0000-00-00T00:00:00	

F-111A Aardvark										Crew: Pilot and Weapons Officer									
										Maneuver HFPs/DPs:									
LR/DR		1.0		2.0															
VR				1.0															
Power APs/DPs/FPs: ○○										Turn DPs:									
CL		1/2		DT		Fuel		CL		1/2		DT							
AB		2.0		1.5		1.0		16.0		TT		3.0		3.0		3.0			
M		1.0		1.0		0.5		4.0		HT		5.0		5.0		5.0			
N		0.0		0.0		0.0		2.0		BT		6.0		6.0		6.0			
I		0.5		0.5		1.0		0.0		ET		—		—		—			
SPBR		0.5		1.0		1.0		—											
Smoker in military power (SMP).					Cruise Speed: 5.5					Restr. Arcs: —									
					Climb Speed: 4.5					Blind Arcs: 60–									
					Visibility: 8					Internal Fuel: 1600									
					Size: –1					AtA Refuel: Yes									
					Vulnerability: +0					Ejection Seat: Std									
Speeds and Ceilings										Climb Capabilities									
Alt.		Conf.		CL		1/2		DT		Dive		CL		1/2		DT		Alt.	
Band		Ceil.		51		36		24		Speed		AB Oth		AB Oth		AB Oth		Band	
EH+		46+		4.5 – 13.0		—		—		15.0		1.0 0.5		— —		— —		EH+	
VH		36–45		4.0 – 14.0		4.0 – 11.0		—		14.0		1.0 0.5		1.0 0.5		— —		VH	
HI		26–35		3.0 – 12.0		4.0 – 10.0		—		13.0		2.0 1.0		1.0 0.5		— —		HI	
MH		17–25		3.0 – 10.0		3.5 – 9.0		3.5 – 7.5		12.0		2.0 1.0		1.0 0.5		1.0 0.5		MH	
ML		8–16		2.5 – 9.5		3.0 – 8.5		3.0 – 7.0		10.0		3.0 1.0		2.0 1.0		1.0 0.5		ML	
LO		0–7		2.0 – 8.5		3.0 – 7.5		3.0 – 6.5		9.0		3.0 1.0		2.0 1.0		1.5 0.5		LO	
Radar: APQ-110/113					ECM: IFF					Weapon Stations Diagram:									
ECCM: 1					RWR: A														
Arcs: 180+					DDS: A														
Search: Gr. Nav. (420)					DJM: A3														
Track: Gr. Attack (120)					AJM: —														
Lock-On: 8					BJM: —														
Guns: One 20 mm M61A1 gun pack					Technology:					Load Point Limits:									
To Hit: 5/3/2					Terrain Following-B					CL : 0–8									
Ammunition: 10.0										1/2: 9–18									
Gunsight: TT+0/HT+2/BT+3										Weight Limit: 34,000									
Ranging: —										DT : 19+									
AtA/AtG: 6/8*										Station Limit Allowed Loads									
Bomb System: Ballistic computed										1 and 11 2,500 BB WR									
										2 and 10 5,000 BB WR FT									
										3–4 and 8–9 5,000 BB BG WR FT IRM									
										5 4,000 Nuc BB GP									
										6 and 7 600 EP									
Notes:										Load Notes:									
										1. The wing stations (1 to 4 and 8 to 11) may only carry a total weight of 30,000.									
										2. Stations 1, 2, 10, and 11 do not swivel. If used, wings must remain forward until all stores carried on them are expended or jettisoned.									
										3. Stations 1 and 11 were never used operationally.									
										4. Stations 3, 4, 8, and 9 may carry one AIM-9 IRM in addition to other non-missile stores.									
										5. Station 5 is the internal weapon bay. It may carry a 20 mm M61A1 gun pack (weight 2000 and load 1) and a nuclear BB or two nuclear BBs.									
										6. Stations 6 and 7 are the rear centerline stations.									
VPs: 32/21/11/5										v1 0000000 0000-00-00T00:00:00									

F-111B										Crew: Pilot and Weapons Officer																			
										Maneuver HFPs/DPs:																			
LR/DR		1.0		2.0																									
VR				1.0																									
Power APs/DPs/FPs: ○○										Turn DPs:																			
CL		1/2		DT		Fuel		CL		1/2		DT																	
AB		2.0		1.5		1.0		16.0		TT		2.0																	
M		1.0		1.0		0.5		4.0		HT		2.0																	
N		0.0		0.0		0.0		2.0		BT		4.0																	
I		0.5		0.5		1.0		0.0		ET		—																	
SPBR		0.5		1.0		1.0		—																					
Smoker in military power (SMP).					Cruise Speed: 5.5					Restr. Arcs: —																			
					Climb Speed: 4.5					Blind Arcs: 60–																			
					Visibility: 8					Internal Fuel: 1600																			
					Size: –1					AtA Refuel: Yes																			
					Vulnerability: +0					Ejection Seat: Std																			
Speeds and Ceilings						Climb Capabilities																							
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT		Alt.													
Band Ceil.		51		36		24		Speed		AB Oth		AB Oth		AB Oth		Band													
EH+		46+		—		—		—		3.5		1.0 0.5		— —		EH+													
VH		36–45		3.5 – 3.5		3.5 – 3.5		—		3.5		1.0 0.5		1.0 0.5		VH													
HI		26–35		2.5 – 3.5		3.5 – 3.5		—		3.5		2.0 1.0		1.0 0.5		HI													
MH		17–25		2.5 – 3.5		3.0 – 3.5		3.0 – 3.5		3.5		2.0 1.0		1.0 0.5		MH													
ML		8–16		2.0 – 3.5		2.5 – 3.5		2.5 – 3.5		3.5		3.0 1.0		2.0 1.0		ML													
LO		0–7		1.5 – 3.5		2.5 – 3.5		2.5 – 3.5		3.5		3.0 1.0		2.0 1.0		LO													
Radar:					AWG-9					ECM:					IFF					Weapon Stations Diagram:									
ECCM:					3					RWR:					B														
Arcs:					150+					DDS:					B														
Search:					500–60					DJM:					A3														
Track:					360–60					AJM:					—														
Lock-On:					7					BJM:					—														
Guns:					—					Technology:					Load Point Limits:					CL : 0–8									
To Hit:					—					Autotrack, Look-Down Radar, Track-While-Scan (18), Multi-Target (6), and IRSTS-A					Weight Limit:					34,000					1/2: 9–18				
Ammunition:					—										DT : 19+														
Gunsight:					TT+0/HT+0/BT+2										Station					Limit					Allowed Loads				
Ranging:					RE										1 and 7					5,000					FT				
AtA/AtG:					—										2–3 and 5–6					5,000					AHM IRM				
Bomb System:					Manual										4					2,000					AHM				
Notes:															Load Notes:														
1. The General Dynamics-Grumman F-111B is prototype carrier-based interceptor. 2. This is a variable-geometry aircraft with allowed geometries of forward, mid, and aft. The geometry may be changed by one step at the end of each turn. The data shown here are for the forward geometry.															1. May use AIM-54 AHMs, AIM-9 IRMs, and 2300L (600 gal) FTs.														
															2. Stations 1 and 7 do not swivel. If used, the wings must remain forward until all stores carried on them are expended or jettisoned.														
															3. Stations 2, 3, 5, and 7 may each carry one AHM and one IRM.														
															4. Station 4 is the internal bay. It may carry two AHMs (contributing only half their normal load) or a 20 mm M61A1 gun pack (weight 2000 and load 1). The gun pack has hit rolls of 5/3/2, 10.0 ammunition, and AtA/AtG damage ratings of 6/8*.														
															VPs: 32/21/11/5					v1 00000000 0000-00-00T00:00:00									

F-111B										Crew: Pilot and Weapons Officer				
										Maneuver HFPs/DPs:				
LR/DR		1.0		2.0										
VR				1.0										
Power APs/DPs/FPs: ○○										Turn DPs:				
CL	1/2	DT	Fuel				CL	1/2	DT					
AB	2.0	1.5	1.0	16.0			TT	2.0	2.0	2.0				
M	1.0	1.0	0.5	4.0			HT	4.0	4.0	4.0				
N	0.0	0.0	0.0	2.0			BT	6.0	6.0	6.0				
I	0.5	0.5	1.0	0.0			ET	—	—	—				
SPBR	0.5	1.0	1.0	—										
Smoker in military power (SMP).					Cruise Speed: 5.5		Restr. Arcs: —							
					Climb Speed: 4.5		Blind Arcs: 60–							
					Visibility: 8		Internal Fuel: 1600							
					Size: –1		AtA Refuel: Yes							
					Vulnerability: +0		Ejection Seat: Std							
Speeds and Ceilings						Climb Capabilities								
Alt. Band	Conf. Ceil.	CL 51	1/2 36	DT 24	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	Alt. Band					
EH+	46+	4.0 – 8.0	—	—	8.0	1.0 0.5	— —	— —	EH+					
VH	36–45	3.5 – 8.0	3.5 – 8.0	—	8.0	1.0 0.5	1.0 0.5	— —	VH					
HI	26–35	2.5 – 8.0	3.5 – 8.0	—	8.0	2.0 1.0	1.0 0.5	— —	HI					
MH	17–25	2.5 – 8.0	3.0 – 8.0	3.0 – 7.5	8.0	2.0 1.0	1.0 0.5	1.0 0.5	MH					
ML	8–16	2.0 – 8.0	2.5 – 8.0	2.5 – 7.0	8.0	3.0 1.0	2.0 1.0	1.0 0.5	ML					
LO	0–7	2.0 – 8.0	3.0 – 7.5	3.0 – 6.5	8.0	3.0 1.0	2.0 1.0	1.5 0.5	LO					

Radar: AWG-9 ECCM: 3 Arcs: 150+ Search: 500–60 Track: 360–60 Lock-On: 7	ECM: IFF RWR: B DDS: B DJM: A3 AJM: — BJM: —	Weapon Stations Diagram:												
Guns: — To Hit: — Ammunition: — Gunsight: TT+0/HT+0/BT+2 Ranging: RE AtA/AtG: —	Technology: Autotrack, Look-Down Radar, Track-While-Scan (18), Multi-Target (6), and IRSTS-A	Load Point Limits: CL : 0–8 1/2: 9–18 Weight Limit: 34,000 DT : 19+												
Bomb System: Manual		<table border="1"> <thead> <tr> <th>Station</th> <th>Limit</th> <th>Allowed Loads</th> </tr> </thead> <tbody> <tr> <td>1 and 7</td> <td>5,000</td> <td>FT</td> </tr> <tr> <td>2–3 and 5–6</td> <td>5,000</td> <td>AHM IRM</td> </tr> <tr> <td>4</td> <td>2,000</td> <td>AHM</td> </tr> </tbody> </table> <p>Load Notes:</p> <ol style="list-style-type: none"> May use AIM-54 AHMs, AIM-9 IRMs, and 2300L (600 gal) FTs. Stations 1 and 7 do not swivel. If used, the wings must remain forward until all stores carried on them are expended or jettisoned. Stations 2, 3, 5, and 7 may each carry one AHM and one IRM. Station 4 is the internal bay. It may carry two AHMs (contributing only half their normal load) or a 20 mm M61A1 gun pack (weight 2000 and load 1). The gun pack has hit rolls of 5/3/2, 10.0 ammunition, and AtA/AtG damage ratings of 6/8*. 	Station	Limit	Allowed Loads	1 and 7	5,000	FT	2–3 and 5–6	5,000	AHM IRM	4	2,000	AHM
Station	Limit	Allowed Loads												
1 and 7	5,000	FT												
2–3 and 5–6	5,000	AHM IRM												
4	2,000	AHM												
Notes: <ol style="list-style-type: none"> The General Dynamics-Grumman F-111B is prototype carrier-based interceptor. This is a variable-geometry aircraft with allowed geometries of forward, mid, and aft. The geometry may be changed by one step at the end of each turn. The data shown here are for the mid geometry. Low transonic drag (LTD). Poor supersonic maneuverability (PSSM). 		VPs: 32/21/11/5												
		v1 0000000 0000-00-00T00:00:00												

F-111B										Crew: Pilot and Weapons Officer																	
										Maneuver HFPs/DPs:																	
Power APs/DPs/FPs: ○○										LR/DR 1.0 2.0																	
										VR 1.0																	
CL 1/2 DT Fuel										Turn DPs:																	
AB 2.0 1.5 1.0 16.0										CL 1/2 DT																	
M 1.0 1.0 0.5 4.0										TT 3.0 3.0 3.0																	
N 0.0 0.0 0.0 2.0										HT 5.0 5.0 5.0																	
I 0.5 0.5 1.0 0.0										BT 6.0 6.0 6.0																	
SPBR 0.5 1.0 1.0 —										ET — — —																	
Smoker in military power (SMP).					Cruise Speed: 5.5 Restr. Arcs: —																						
					Climb Speed: 4.5 Blind Arcs: 60–																						
					Visibility: 8 Internal Fuel: 1600																						
					Size: −1 AtA Refuel: Yes																						
					Vulnerability: +0 Ejection Seat: Std																						
Speeds and Ceilings						Climb Capabilities																					
Alt. Band	Conf. Ceil.	CL 51	1/2 36	DT 24	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	Alt. Band																		
EH+	46+	4.5 – 13.0	—	—	15.0	1.0 0.5	— —	— —	EH+																		
VH	36–45	4.0 – 14.0	4.0 – 11.0	—	14.0	1.0 0.5	1.0 0.5	— —	VH																		
HI	26–35	3.0 – 12.0	4.0 – 10.0	—	13.0	2.0 1.0	1.0 0.5	— —	HI																		
MH	17–25	3.0 – 10.0	3.5 – 9.0	3.5 – 7.5	12.0	2.0 1.0	1.0 0.5	1.0 0.5	MH																		
ML	8–16	2.5 – 9.5	3.0 – 8.5	3.0 – 7.0	10.0	3.0 1.0	2.0 1.0	1.0 0.5	ML																		
LO	0–7	2.0 – 8.5	3.0 – 7.5	3.0 – 6.5	9.0	3.0 1.0	2.0 1.0	1.5 0.5	LO																		
Radar:										AWG-9		ECM:		IFF		Weapon Stations Diagram:											
ECCM:										3		RWR:		B													
Arcs:										150+		DDS:		B													
Search:										500–60		DJM:		A3													
Track:										360–60		AJM:		—													
Lock-On:										7		BJM:		—													
Guns:										—		Technology:				Load Point Limits:				CL : 0–8							
To Hit:										—		Autotrack, Look-Down Radar, Track-While-Scan (18), Multi-Target (6), and IRSTS-A				Weight Limit:				34,000		1/2: 9–18					
Ammunition:										—						Station				Limit		Allowed Loads					
Gunsight:										TT+0/HT+0/BT+2						1 and 7				5,000		FT					
Ranging:										RE						2–3 and 5–6				5,000		AHM IRM					
AtA/AtG:										—						4				2,000		AHM					
Bomb System:										Manual						Load Notes:											
Notes:																				1. May use AIM-54 AHMs, AIM-9 IRMs, and 2300L (600 gal) FTs.							
1. The General Dynamics-Grumman F-111B is prototype carrier-based interceptor.																				2. Stations 1 and 7 do not swivel. If used, the wings must remain forward until all stores carried on them are expended or jettisoned.							
2. This is a variable-geometry aircraft with allowed geometries of forward, mid, and aft. The geometry may be changed by one step at the end of each turn. The data shown here are for the aft geometry.																				3. Stations 2, 3, 5, and 7 may each carry one AHM and one IRM.							
3. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).																				4. Station 4 is the internal bay. It may carry two AHMs (contributing only half their normal load) or a 20 mm M61A1 gun pack (weight 2000 and load 1). The gun pack has hit rolls of 5/3/2, 10.0 ammunition, and AtA/AtG damage ratings of 6/8*.							
																				VPs: 32/21/11/5				v1 0000000 0000-00-00T00:00:00			

F-111E Aardvark										Crew: Pilot and Weapons Officer									
										Maneuver HFPs/DPs:									
LR/DR		1.0		2.0															
VR				1.0															
Power APs/DPs/FPs: ○○										Turn DPs:									
CL		1/2		DT		Fuel		CL		1/2		DT							
AB		2.0		1.5		1.0		16.0		TT		2.0		2.0		2.0			
M		1.0		1.0		0.5		4.0		HT		4.0		4.0		4.0			
N		0.0		0.0		0.0		2.0		BT		—		—		—			
I		0.5		0.5		1.0		0.0		ET		—		—		—			
SPBR		0.5		1.0		1.0		—											
Smoker in military power (SMP).					Cruise Speed: 5.5					Restr. Arcs: —									
					Climb Speed: 4.5					Blind Arcs: 60–									
					Visibility: 8					Internal Fuel: 1600									
					Size: –1					AtA Refuel: Yes									
					Vulnerability: +0					Ejection Seat: Std									
Speeds and Ceilings										Climb Capabilities									
Alt. Band		Conf. Ceil.		CL 51		1/2 36		DT 24		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth		Alt. Band	
EH+		46+		—		—		—		3.5		1.0 0.5		— —		— —		EH+	
VH		36–45		3.5 – 3.5		3.5 – 3.5		—		3.5		1.0 0.5		1.0 0.5		— —		VH	
HI		26–35		2.5 – 3.5		3.5 – 3.5		—		3.5		2.0 1.0		1.0 0.5		— —		HI	
MH		17–25		2.5 – 3.5		3.0 – 3.5		3.0 – 3.5		3.5		2.0 1.0		1.0 0.5		1.0 0.5		MH	
ML		8–16		2.0 – 3.5		2.5 – 3.5		2.5 – 3.5		3.5		3.0 1.0		2.0 1.0		1.0 0.5		ML	
LO		0–7		1.5 – 3.5		2.5 – 3.5		2.5 – 3.5		3.5		3.0 1.0		2.0 1.0		1.5 0.5		LO	
Radar: APQ-110/113					ECM: IFF					Weapon Stations Diagram:									
ECCM: 1					RWR: B														
Arcs: 180+					DDS: A														
Search: Gr. Nav. (420)					DJM: B4														
Track: Gr. Attack (120)					AJM: —														
Lock-On: 8					BJM: —														
Guns: One 20 mm M61A1 gun pack					Technology:					Load Point Limits: CL : 0–8									
To Hit: 5/3/2					Terrain Following-B					1/2: 9–18									
Ammunition: 10.0										Weight Limit: 34,000 DT : 19+									
Gunsight: TT+0/HT+2/BT+3										Station Limit Allowed Loads									
Ranging: —										1 and 11 2,500 BB WR									
AtA/AtG: 6/8*										2 and 10 5,000 BB WR FT									
Bomb System: Computed										3–4 and 8–9 5,000 BB BG WR FT IRM									
										5 4,000 Nuc BB GP									
										6 and 7 600 EP									
Notes:										Load Notes:									
1.										1. The wing stations (1 to 4 and 8 to 11) may only carry a total weight of 30,000.									
2. This is a variable-geometry aircraft with allowed geometries of forward, mid, and aft. The geometry may be changed by one step at the end of each turn. The data shown here are for the forward geometry.										2. Stations 1, 2, 10, and 11 do not swivel. If used, wings must remain forward until all stores carried on them are expended or jettisoned.									
										3. Stations 1 and 11 were never used operationally.									
										4. Stations 3, 4, 8, and 9 may carry one AIM-9 IRM in addition to other non-missile stores.									
										5. Station 5 is the internal weapon bay. It may carry a 20 mm M61A1 gun pack (weight 2000 and load 1) and a nuclear BB or two nuclear BBs.									
										6. Stations 6 and 7 are the rear centerline stations.									
VPs: 32/21/11/5										v1 0000000 0000-00-00T00:00:00									

F-111E Aardvark										Crew: Pilot and Weapons Officer									
										Maneuver HFPs/DPs: LR/DR 1.0 2.0 VR 1.0									
Turn DPs: CL 1/2 DT TT 2.0 2.0 2.0 HT 4.0 4.0 4.0 BT 6.0 6.0 6.0 ET — — —																			
					Power APs/DPs/FPs: ○○ CL 1/2 DT Fuel AB 2.0 1.5 1.0 16.0 M 1.0 1.0 0.5 4.0 N 0.0 0.0 0.0 2.0 I 0.5 0.5 1.0 0.0 SPBR 0.5 1.0 1.0 —					Cruise Speed: 5.5 Restr. Arcs: — Climb Speed: 4.5 Blind Arcs: 60– Visibility: 8 Internal Fuel: 1600 Size: –1 AtA Refuel: Yes Vulnerability: +0 Ejection Seat: Std									
Smoker in military power (SMP).																			
Speeds and Ceilings										Climb Capabilities									
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT		Alt.			
Band Ceil.		51		36		24		Speed		AB Oth		AB Oth		AB Oth		Band			
EH+ 46+		4.0 – 8.0		—		—		8.0		1.0 0.5		— —		— —		EH+			
VH 36–45		3.5 – 8.0		3.5 – 8.0		—		8.0		1.0 0.5		1.0 0.5		— —		VH			
HI 26–35		2.5 – 8.0		3.5 – 8.0		—		8.0		2.0 1.0		1.0 0.5		— —		HI			
MH 17–25		2.5 – 8.0		3.0 – 8.0		3.0 – 7.5		8.0		2.0 1.0		1.0 0.5		1.0 0.5		MH			
ML 8–16		2.0 – 8.0		2.5 – 8.0		2.5 – 7.0		8.0		3.0 1.0		2.0 1.0		1.0 0.5		ML			
LO 0–7		2.0 – 8.0		3.0 – 7.5		3.0 – 6.5		8.0		3.0 1.0		2.0 1.0		1.5 0.5		LO			

Radar: APQ-110/113		ECM: IFF		Weapon Stations Diagram:	
ECCM: 1		RWR: B			
Arcs: 180+		DDS: A			
Search: Gr. Nav. (420)		DJM: B4			
Track: Gr. Attack (120)		AJM: —			
Lock-On: 8		BJM: —			
Guns: One 20 mm M61A1 gun pack		Technology:		Load Point Limits:	
To Hit: 5/3/2		Terrain Following-B		CL : 0–8	
Ammunition: 10.0				1/2: 9–18	
Gunsight: TT+0/HT+2/BT+3				Weight Limit: 34,000 DT : 19+	
Ranging: —				Station Limit Allowed Loads	
AtA/AtG: 6/8*				1 and 11 2,500 BB WR	
				2 and 10 5,000 BB WR FT	
				3–4 and 8–9 5,000 BB BG WR FT IRM	
				5 4,000 Nuc BB GP	
				6 and 7 600 EP	
Bomb System: Computed				Load Notes:	
Notes: 1. 2. This is a variable-geometry aircraft with allowed geometries of forward, mid, and aft. The geometry may be changed by one step at the end of each turn. The data shown here are for the mid geometry. 3. Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).				1. The wing stations (1 to 4 and 8 to 11) may only carry a total weight of 30,000.	
				2. Stations 1, 2, 10, and 11 do not swivel. If used, wings must remain forward until all stores carried on them are expended or jettisoned.	
				3. Stations 1 and 11 were never used operationally.	
				4. Stations 3, 4, 8, and 9 may carry one AIM-9 IRM in addition to other non-missile stores.	
				5. Station 5 is the internal weapon bay. It may carry a 20 mm M61A1 gun pack (weight 2000 and load 1) and a nuclear BB or two nuclear BBs.	
				6. Stations 6 and 7 are the rear centerline stations.	
				VPs: 32/21/11/5	
				v1 0000000 0000-00-00T00:00:00	

F-111E Aardvark										Crew: Pilot and Weapons Officer									
										Maneuver HFPs/DPs:									
LR/DR		1.0		2.0															
VR				1.0															
Power APs/DPs/FPs: ○○										Turn DPs:									
CL		1/2		DT		Fuel		CL		1/2		DT							
AB		2.0		1.5		1.0		16.0		TT		3.0		3.0		3.0			
M		1.0		1.0		0.5		4.0		HT		5.0		5.0		5.0			
N		0.0		0.0		0.0		2.0		BT		6.0		6.0		6.0			
I		0.5		0.5		1.0		0.0		ET		—		—		—			
SPBR		0.5		1.0		1.0		—											
Smoker in military power (SMP).					Cruise Speed: 5.5					Restr. Arcs: —									
					Climb Speed: 4.5					Blind Arcs: 60–									
					Visibility: 8					Internal Fuel: 1600									
					Size: –1					AtA Refuel: Yes									
					Vulnerability: +0					Ejection Seat: Std									
Speeds and Ceilings										Climb Capabilities									
Alt. Band		Conf. Ceil.		CL 51		1/2 36		DT 24		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth		Alt. Band	
EH+		46+		4.5 – 13.0		—		—		15.0		1.0 0.5		— —		— —		EH+	
VH		36–45		4.0 – 14.0		4.0 – 11.0		—		14.0		1.0 0.5		1.0 0.5		— —		VH	
HI		26–35		3.0 – 12.0		4.0 – 10.0		—		13.0		2.0 1.0		1.0 0.5		— —		HI	
MH		17–25		3.0 – 10.0		3.5 – 9.0		3.5 – 7.5		12.0		2.0 1.0		1.0 0.5		1.0 0.5		MH	
ML		8–16		2.5 – 9.5		3.0 – 8.5		3.0 – 7.0		10.0		3.0 1.0		2.0 1.0		1.0 0.5		ML	
LO		0–7		2.0 – 8.5		3.0 – 7.5		3.0 – 6.5		9.0		3.0 1.0		2.0 1.0		1.5 0.5		LO	
Radar: APQ-110/113					ECM: IFF					Weapon Stations Diagram:									
ECCM: 1					RWR: B														
Arcs: 180+					DDS: A														
Search: Gr. Nav. (420)					DJM: B4														
Track: Gr. Attack (120)					AJM: —														
Lock-On: 8					BJM: —														
Guns: One 20 mm M61A1 gun pack					Technology:					Load Point Limits:									
To Hit: 5/3/2					Terrain Following-B					CL : 0–8									
Ammunition: 10.0										1/2: 9–18									
Gunsight: TT+0/HT+2/BT+3										Weight Limit: 34,000									
Ranging: —																			
AtA/AtG: 6/8*																			
Bomb System: Computed										Station Limit Allowed Loads									
Notes: 1. 2. This is a variable-geometry aircraft with allowed geometries of forward, mid, and aft. The geometry may be changed by one step at the end of each turn. The data shown here are for the aft geometry. 3. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).										1 and 11 2,500 BB WR									
										2 and 10 5,000 BB WR FT									
										3–4 and 8–9 5,000 BB BG WR FT IRM									
										5 4,000 Nuc BB GP									
										6 and 7 600 EP									
										Load Notes:									
										1. The wing stations (1 to 4 and 8 to 11) may only carry a total weight of 30,000.									
					2. Stations 1, 2, 10, and 11 do not swivel. If used, wings must remain forward until all stores carried on them are expended or jettisoned.														
					3. Stations 1 and 11 were never used operationally.														
					4. Stations 3, 4, 8, and 9 may carry one AIM-9 IRM in addition to other non-missile stores.														
					5. Station 5 is the internal weapon bay. It may carry a 20 mm M61A1 gun pack (weight 2000 and load 1) and a nuclear BB or two nuclear BBs.														
					6. Stations 6 and 7 are the rear centerline stations.														
VPs: 32/21/11/5										v1 0000000 0000-00-00T00:00:00									