

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: ○○										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		1.0		1.0		2.0		0.0		ET		—		—		—													
SPBR		1.0		2.0		2.0		—																					
Smoker in military power (SMP).					Cruise Spd.		5.5		Restr. Arcs:		—																		
					CL:																								
					Climb Spd.:		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													
Band		Ceil.		51		36		24		Speed		AB Oth		AB Oth		AB Oth													
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:					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							
															5					4,000		Nuc BB GP							
Notes:															6 and 7					600		EP							
															</														

F-111A 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: ○○ 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 1.0 1.0 2.0 0.0 SPBR 1.0 2.0 2.0 —					Cruise Spd. 5.5 Restr. Arcs: — CL: Climb Spd.: 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. Band	Conf. Ceil.	CL 51		1/2 36		DT 24	Dive Speed	CL AB Oth		1/2 AB Oth		DT AB Oth									
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	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	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	1.5 0.5	LO									
Radar: APQ-110/113 ECCM: 1 Arcs: 180+ Search: Gr. Nav. (420) Track: Gr. Attack (120) Lock-On: 8														ECM: IFF RWR: A DDS: A DJM: A3 AJM: — BJM: —				Weapon Stations Diagram:			
Guns: One 20 mm M61A1 gun pack To Hit: 5/3/2 Ammunition: 10.0 Gunsight: TT+0/HT+2/BT+3 Ranging: — AtA/AtG: 6/8*				Technology: Terrain Following-B				Load Point Limits: CL : 0–8 1/2: 9–18 Weight Limit: 34,000 DT : 19+													
Bomb System: Ballistic computed								Station Limit Allowed Loads 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: 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).								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												v2 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: ○○										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		1.0		1.0		2.0		0.0		ET		—		—		—							
SPBR		1.0		2.0		2.0		—															
Smoker in military power (SMP).					Cruise Spd.		5.5		Restr. Arcs:		—												
					CL:																		
					Climb Spd.:		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							
Band		Ceil.		51		36		24		Speed		AB Oth		AB Oth		AB Oth							
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:										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	
										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: Ballistic 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 aft geometry. 3. High bleed rate (HBR). 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																						v2 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: ○○										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		1.0		1.0		2.0		0.0		ET		—		—		—																							
SPBR		1.0		2.0		2.0		—																															
Smoker in military power (SMP).					Cruise Spd.		5.5		Restr. Arcs:		—																												
					CL:																																		
					Climb Spd.:		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																							
Band		Ceil.		51		36		24		Speed		AB Oth		AB Oth		AB Oth																							
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:					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															1/2: 9–18														
Ammunition:					—										Weight Limit:										34,000					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															v2 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: ○○										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		1.0		1.0		2.0		0.0		ET		—		—		—													
SPBR		1.0		2.0		2.0		—																					
Smoker in military power (SMP).					Cruise Spd.		5.5		Restr. Arcs:		—																		
					CL:																								
					Climb Spd.:		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													
Band		Ceil.		51		36		24		Speed		AB Oth		AB Oth		AB Oth													
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					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										1/2: 9–18									
Ammunition:					—										Weight Limit:					34,000					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.															1. May use AIM-54 AHMs, AIM-9 IRMs, and 2300L (600 gal) FTs.														
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.															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. Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).															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														
																				v2 00000000 0000-00-00T00:00:00									

F-111B					Crew: Pilot and Weapons Officer												
Power APs/DPs: ○○ 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 1.0 1.0 2.0 0.0 SPBR 1.0 2.0 2.0 —										Maneuver HFPs/DPs: LR/DR 1.0 2.0 VR 1.0							
										Turn DPs: CL 1/2 DT TT 3.0 3.0 3.0 HT 5.0 5.0 5.0 BT 6.0 6.0 6.0 ET — — —							
Smoker in military power (SMP).					Cruise Spd. 5.5 Restr. Arcs: — CL: Climb Spd.: 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									
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 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				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 aft geometry. 3. High bleed rate (HBR). Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).				Station Limit Allowed Loads 1 and 7 5,000 FT 2–3 and 5–6 5,000 AHM IRM 4 2,000 AHM									
								Load Notes: 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						v2 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: ○○ 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 1.0 1.0 2.0 0.0 SPBR 1.0 2.0 2.0 —					Cruise Spd. 5.5 Restr. Arcs: — CL: Climb Spd.: 4.5 Blind Arcs: 60– Visibility: 8 Internal Fuel: 1600 Size: –1 AtA Refuel: Yes Vulnerability: +0 Ejection Seat: Std					Turn DPs: CL 1/2 DT TT 2.0 2.0 2.0 HT 4.0 4.0 4.0 BT — — — ET — — —									
Smoker in military power (SMP).																			
Speeds and Ceilings										Climb Capabilities									
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT					
Band Ceil.		51		36		24		Speed		AB Oth		AB Oth		AB Oth					
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: 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.										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										v2 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: ○○										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		1.0		1.0		2.0		0.0		ET		—		—		—																		
SPBR		1.0		2.0		2.0		—																										
Smoker in military power (SMP).					Cruise Spd.		5.5		Restr. Arcs:		—																							
					CL:																													
					Climb Spd.:		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																		
Band		Ceil.		51		36		24		Speed		AB Oth		AB Oth		AB Oth																		
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:					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,																				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.				
The data shown here are for the mid geometry.																				3. Stations 1 and 11 were never used operationally.														
3. Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).																				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																				v2 00000000 0000-00-00T00:00:00														

F-111E Aardvark										Crew: Pilot and Weapons Officer				
										Maneuver HFPs/DPs:				
Power APs/DPs: ○○										LR/DR 1.0 2.0				
										VR 1.0				
CL 1/2 DT Fuel					Turn DPs:					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 1.0 1.0 2.0 0.0					ET — — —									
SPBR 1.0 2.0 2.0 —														
Smoker in military power (SMP).					Cruise Spd. 5.5 Restr. Arcs: —									
					CL:									
					Climb Spd.: 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						
Band	Ceil.	51	36	24	Speed	AB Oth	AB Oth	AB Oth						
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														
ECCM: 1														
Arcs: 180+														
Search: Gr. Nav. (420)														
Track: Gr. Attack (120)														
Lock-On: 8														
ECM: IFF														
RWR: B														
DDS: A														
DJM: B4														
AJM: —														
BJM: —														
Weapon Stations Diagram:														
Guns: One 20 mm M61A1 gun pack														
To Hit: 5/3/2														
Ammunition: 10.0														
Gunsight: TT+0/HT+2/BT+3														
Ranging: —														
AtA/AtG: 6/8*														
Technology: Terrain Following-B														
Load Point Limits: CL : 0–8														
1/2: 9–18														
Weight Limit: 34,000 DT : 19+														
Station Limit Allowed Loads														
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										v2 0000000 0000-00-00T00:00:00				