

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:														
Power APs/DPs: ○○								LR/DR	1.0	2.0												
CL 1/2 DT Fuel								VR	1.0													
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	Cruise Spd.	5.5	Restr. Arcs:	—														
I	1.0	1.0	2.0	0.0	CL:																	
SPBR	1.0	2.0	2.0	—	Climb Spd.:	4.5	Blind Arcs:	60–	CL	1/2	DT											
Smoker in military power (SMP).								TT	2.0	2.0	2.0											
Visibility: 8 Internal Fuel: 1600								HT	4.0	4.0	4.0											
Size: -1 AtA Refuel: Yes								BT	—	—	—											
Vulnerability: +0 Ejection Seat: Std								ET	—	—	—											
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+	—	—	—	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																			
Arcts:	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: Terrain Following-B	Load Point Limits: CL : 0–8 1/2: 9–18																	
To Hit:	5/3/2	Weight Limit: 34,000							DT : 19+													
Ammunition:	10.0	Station Limit Allowed Loads																				
Gunsight:	TT+0/HT+2/BT+3	1 and 11	2,500	BB WR																		
Ranging:	—	2 and 10	5,000	BB WR FT																		
AtA/AtG:	6/8*	3–4 and 8–9	5,000	BB BG WR FT IRM																		
Bomb System:	Ballistic computed	5	4,000	Nuc BB GP																		
Notes:																						
1. 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-111A Aardvark									Crew: Pilot and Weapons Officer
Power APs/DPs: ○○									Maneuver HFPs/DPs:
CL 1/2 DT Fuel									LR/DR 1.0 2.0
AB 2.0 1.5 1.0 16.0									VR 1.0
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 —									
Smoker in military power (SMP).									
Cruise Spd. 5.5 Restr. Arcs: —									
CL: 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 Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	
Alt.	Band	Ceil.	51	36	24				
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								
Arcts: 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: Terrain Following-B	Load Point Limits: CL : 0–8 1/2: 9–18							
To Hit: 5/3/2		Weight Limit: 34,000 DT : 19+							
Ammunition: 10.0		Station Limit Allowed Loads							
Gunsight: TT+0/HT+2/BT+3		1 and 11	2,500	BB WR					
Ranging: —		2 and 10	5,000	BB WR FT					
AtA/AtG: 6/8*		3–4 and 8–9	5,000	BB BG WR FT IRM					
Bomb System: Ballistic computed		5	4,000	Nuc BB GP					
Notes:		6 and 7	600	EP					
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 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
Power APs/DPs: ○○									Maneuver HFPs/DPs:
CL 1/2 DT Fuel									LR/DR 1.0 2.0
AB 2.0 1.5 1.0 16.0									VR 1.0
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 —									
Smoker in military power (SMP).									
Cruise Spd. 5.5 Restr. Arcs: —									
CL: 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 Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	
Alt.	Band	Ceil.	51	36	24				
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								
Arcts: 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: Terrain Following-B	Load Point Limits: CL : 0–8 1/2: 9–18							
To Hit: 5/3/2		Weight Limit: 34,000 DT : 19+							
Ammunition: 10.0		Station Limit Allowed Loads							
Gunsight: TT+0/HT+2/BT+3		1 and 11	2,500	BB WR					
Ranging: —		2 and 10	5,000	BB WR FT					
AtA/AtG: 6/8*		3–4 and 8–9	5,000	BB BG WR FT IRM					
Bomb System: Ballistic computed		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.	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:										
Power APs/DPs: ○○								LR/DR	1.0	2.0								
CL 1/2 DT Fuel								VR	1.0									
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	Cruise Spd. 5.5 Restr. Arcs: —													
I	1.0	1.0	2.0	0.0	CL: 4.5 Blind Arcs: 60–													
SPBR	1.0	2.0	2.0	—	Visibility: 8 Internal Fuel: 1600													
Smoker in military power (SMP).								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+	—	—	—	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:										
To Hit:	—	Autotrack, Look-Down Radar, Track-While-Scan (18), Multi-Target (6), and IRSTS-A				CL : 0–8 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:																		
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.																		
VPs: 32/21/11/5								v2.0000000 0000-00-00T00:00:00										

F-111B								Crew: Pilot and Weapons Officer										
								Maneuver HFPs/DPs:										
Power APs/DPs: ○○								LR/DR	1.0	2.0								
CL 1/2 DT Fuel								VR	1.0									
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	Cruise Spd.	5.5	Restr. Arcs:	—										
I	1.0	1.0	2.0	0.0	CL:													
SPBR	1.0	2.0	2.0	—	Climb Spd.:	4.5	Blind Arcs:	60–	CL	1/2	DT							
Smoker in military power (SMP).								Visibility:	8	Internal Fuel:	1600	TT	2.0	2.0	2.0			
								Size:	-1	AtA Refuel:	Yes	HT	4.0	4.0	4.0			
								Vulnerability:	+0	Ejection Seat:	Std	BT	6.0	6.0	6.0			
								ET	—	—	—							
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	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															
Arcts:	150+	DDS:	B															
Search:	500–60	DJM:	A3															
Track:	360–60	AJM:	—															
Lock-On:	7	BJM:	—															
Guns: —				Technology:				Load Point Limits:										
To Hit:	—	Autotrack, Look-Down Radar, Track-While-Scan (18), Multi-Target (6), and IRSTS-A				CL : 0–8 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:																		
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 mid geometry.																		
3. Low transonic drag (LTD). Poor supersonic maneuverability (PSSM).																		
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-111B								Crew: Pilot and Weapons Officer										
								Maneuver HFPs/DPs:										
Power APs/DPs: ○○								LR/DR	1.0	2.0								
CL 1/2 DT Fuel								VR	1.0									
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	Cruise Spd.	5.5	Restr. Arcs:	—										
I	1.0	1.0	2.0	0.0	CL:													
SPBR	1.0	2.0	2.0	—	Climb Spd.:	4.5	Blind Arcs:	60–	CL	1/2	DT							
Smoker in military power (SMP).								Visibility:	8	Internal Fuel:	1600	TT	3.0	3.0	3.0			
								Size:	-1	AtA Refuel:	Yes	HT	5.0	5.0	5.0			
								Vulnerability:	+0	Ejection Seat:	Std	BT	6.0	6.0	6.0			
								ET	—	—	—							
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				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:										
To Hit:	—	Autotrack, Look-Down Radar, Track-While-Scan (18), Multi-Target (6), and IRSTS-A				CL : 0–8 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:																		
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).																		
VPs: 32/21/11/5								v2.0000000 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												
CL 1/2 DT Fuel								VR	1.0													
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	Cruise Spd.	5.5	Restr. Arcs:	—														
I	1.0	1.0	2.0	0.0	CL:																	
SPBR	1.0	2.0	2.0	—	Climb Spd.:	4.5	Blind Arcs:	60–	CL	1/2	DT											
Smoker in military power (SMP).								Visibility:	8	Internal Fuel:	1600	TT	2.0	2.0	2.0							
								Size:	-1	AtA Refuel:	Yes	HT	4.0	4.0	4.0							
								Vulnerability:	+0	Ejection Seat:	Std	BT	—	—	—							
								ET	—	—	—											
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+	—	—	—	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		DDS:	A																	
Arcts:	180+	DJM: B4		AJM:	—																	
Search:	Gr. Nav. (420)	BJM: —																				
Track:	Gr. Attack (120)																					
Lock-On:	8																					
Guns: One 20 mm M61A1 gun pack				Technology: Terrain Following-B				Load Point Limits: CL : 0–8 1/2: 9–18														
To Hit:	5/3/2							Weight Limit: 34,000 DT : 19+														
Ammunition:	10.0							Station Limit Allowed Loads														
Gunsight:	TT+0/HT+2/BT+3							1 and 11	2,500	BB WR												
Ranging:	—							2 and 10	5,000	BB WR FT												
AtA/AtG:	6/8*							3–4 and 8–9	5,000	BB BG WR FT IRM												
Bomb System: Computed								5	4,000	Nuc BB GP												
								6 and 7	600	EP												
Notes:																						
1. 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.																						

F-111E Aardvark								
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 —								
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 Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	
Band	Ceil.	51	36	24					
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								
Arcts: 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: Terrain Following-B	Load Point Limits: CL : 0–8 1/2: 9–18							
To Hit: 5/3/2		Weight Limit: 34,000 DT : 19+							
Ammunition: 10.0		Station Limit Allowed Loads							
Gunsight: TT+0/HT+2/BT+3		1 and 11	2,500	BB WR					
Ranging: —		2 and 10	5,000	BB WR FT					
AtA/AtG: 6/8*		3–4 and 8–9	5,000	BB BG WR FT IRM					
Bomb System: Computed		5	4,000	Nuc BB GP					
Notes:		6 and 7	600	EP					
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 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-111E Aardvark								Crew: Pilot and Weapons Officer													
								Maneuver HFPs/DPs:													
Power APs/DPs: ○○								LR/DR	1.0	2.0											
AB 2.0 1.5 1.0 16.0								VR	1.0												
M 1.0 1.0 0.5 4.0								Turn DPs:													
N 0.0 0.0 0.0 2.0								CL	1/2	DT											
I 1.0 1.0 2.0 0.0								TT	3.0	3.0	3.0										
SPBR 1.0 2.0 2.0 —								HT	5.0	5.0	5.0										
Smoker in military power (SMP).								BT	6.0	6.0	6.0										
								ET	—	—	—										
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:	B																		
Arcts:	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:	—																				
AtA/AtG:	6/8*					Station				Limit											
Bomb System: Computed								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. 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.																					
2. High bleed rate (HBR). 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													