

LTV A-7 Corsair II

- A-7A
- A-7B
- A-7C
- A-7D
- A-7D (1975 Upgrade)
- A-7D (1981 Upgrade)
- A-7E
- A-7E (1980 Upgrade)
- A-7E (1985 Upgrade)
- A-7P

A-7A Corsair II					Crew: Pilot
Power APs/DPs: ○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5 VR 0.5
AB — — — — M 1.0 1.0 1.0 2.0 N 0.0 0.0 0.0 1.0 I 1.0 2.0 2.0 0.0 SPBR 2.0 2.0 2.0 —					Turn DPs: CL 1/2 DT TT 1.0 1.0 1.0 HT 1.5 1.5 1.5 BT 2.0 2.5 2.5 ET — — —
Smoker in military power (SMP).					Cruise Spd. CL: 4.5 Restr. Arcs: 60– Climb Spd.: 3.5 Blind Arcs: 30– Visibility: 6 Internal Fuel: 480 Size: +0 AtA Refuel: Yes Vulnerability: +0 Ejection Seat: Std

Speeds and Ceilings				Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 40	1/2 32	DT 26	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	
EH+	46+	—	—	—	—	— —	— —	— —	EH+
VH	36–45	3.0 – 5.0	—	—	6.5	— 0.5	— —	— —	VH
HI	26–35	3.0 – 5.0	3.0 – 4.5	3.5 – 4.5	7.0	— 0.5	— 0.5	— 0.5	HI
MH	17–25	2.5 – 5.0	2.5 – 5.0	3.0 – 4.5	7.0	— 1.0	— 0.5	— 0.5	MH
ML	8–16	2.0 – 5.5	2.0 – 5.0	2.5 – 5.0	7.5	— 1.0	— 1.0	— 0.5	ML
LO	0–7	1.5 – 5.5	2.0 – 5.5	2.5 – 5.0	7.5	— 1.0	— 1.0	— 0.5	LO

Radar: APQ-116 ECCM: 0 Arcs: 180+ Search: Gr. Nav. (90) Track: Gr. Attack (30) Lock-On: 6	ECM: IFF RWR: A DDS: A DJM: A3 AJM: — BJM: —	Weapon Stations Diagram:
Guns: Two 20 mm Mk 12 To Hit: 5/3/1 Ammunition: 8.0 Gunsight: TT+1/HT+2/BT+3 Ranging: — AtA/AtG: 4/4*	Technology: None	Load Point Limits: CL : < 7 1/2: <13 Weight Limit: 10,000 DT : ≥13
Bomb System: Ballistic		Station Limit Allowed Loads 1 and 8 3,500 BB BG RP RG WR EP ARM IRM FT 2 and 7 3,500 BB BG RP RG WR EP ARM PP GP 3 and 6 2,500 BB BG RP RG WR EP ARM PP FT 4 and 5 250 IRM
Notes: 1. 2. High transonic drag (HTD).		Load Notes: 1. May only used AIM-9 IRMs, AGM-12 RGs, and AGM-45 ARMs.
		VPs: 18/12/6/3 v3.0000000 0000-00-00T00:00:00

A-7B Corsair II					Crew: Pilot
Power APs/DPs: ○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5 VR 0.5
AB — — — — M 1.0 1.0 1.0 2.0 N 0.0 0.0 0.0 1.0 I 1.0 2.0 2.0 0.0 SPBR 2.0 2.0 2.0 —					Turn DPs: CL 1/2 DT TT 1.0 1.0 1.0 HT 1.5 1.5 1.5 BT 2.0 2.5 2.5 ET — — —
Smoker in military power (SMP).					Cruise Spd. CL: 4.5 Restr. Arcs: 60– Climb Spd.: 3.5 Blind Arcs: 30– Visibility: 6 Internal Fuel: 480 Size: +0 AtA Refuel: Yes Vulnerability: +0 Ejection Seat: Std

Speeds and Ceilings				Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 40	1/2 32	DT 26	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	
EH+	46+	—	—	—	—	— —	— —	— —	EH+
VH	36–45	3.0 – 5.0	—	—	6.5	— 0.5	— —	— —	VH
HI	26–35	3.0 – 5.0	3.0 – 4.5	3.5 – 4.5	7.0	— 0.5	— 0.5	— 0.5	HI
MH	17–25	2.5 – 5.0	2.5 – 5.0	3.0 – 4.5	7.0	— 1.0	— 0.5	— 0.5	MH
ML	8–16	2.0 – 5.5	2.0 – 5.0	2.5 – 5.0	7.5	— 1.0	— 1.0	— 0.5	ML
LO	0–7	1.5 – 5.5	2.0 – 5.5	2.5 – 5.0	7.5	— 1.0	— 1.0	— 0.5	LO

Radar: APQ-116	ECM: IFF	Weapon Stations Diagram:
ECCM: 0	RWR: A	
Arcs: 180+	DDS: A	
Search: Gr. Nav. (90)	DJM: A3	
Track: Gr. Attack (30)	AJM: —	
Lock-On: 6	BJM: —	
Guns: Two 20 mm Mk 12	Technology:	Load Point Limits: CL : < 7 1/2: <13
To Hit: 5/3/1	None	Weight Limit: 15,000 DT : ≥13
Ammunition: 8.0		Station Limit Allowed Loads
Gunsight: TT+1/HT+2/BT+3		1 and 8 3,500 BB BG RP RG WR EP ARM IRM FT
Ranging: —		2 and 7 3,500 BB BG RP RG WR EP ARM PP GP
AtA/AtG: 4/4*		3 and 6 2,500 BB BG RP RG WR EP ARM PP FT
Bomb System: Ballistic		4 and 5 250 IRM
Notes:		Load Notes:
1. 2. High transonic drag (HTD).		1. May only used AIM-9 IRMs, AGM-12 RGs, and AGM-45 ARMs.
		VPs: 18/12/6/3
		v3 0000000 0000-00-00T00:00:00

A-7C Corsair II					Crew: Pilot
Power APs/DPs: ○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5 VR 0.5
AB — — — — M 1.0 1.0 1.0 2.0 N 0.0 0.0 0.0 1.0 I 1.0 2.0 2.0 0.0 SPBR 2.0 2.0 2.0 —					Turn DPs: CL 1/2 DT TT 1.0 1.0 1.0 HT 1.5 1.5 1.5 BT 2.0 2.5 2.5 ET — — —
Smoker in military power (SMP).					Cruise Spd. CL: 4.5 Restr. Arcs: 60– Climb Spd.: 3.5 Blind Arcs: 30– Visibility: 6 Internal Fuel: 480 Size: +0 AtA Refuel: Yes Vulnerability: +0 Ejection Seat: Std

Speeds and Ceilings				Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 40	1/2 32	DT 26	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	
EH+	46+	—	—	—	—	— —	— —	— —	EH+
VH	36–45	3.0 – 5.0	—	—	6.5	— 0.5	— —	— —	VH
HI	26–35	3.0 – 5.0	3.0 – 4.5	3.5 – 4.5	7.0	— 0.5	— 0.5	— 0.5	HI
MH	17–25	2.5 – 5.0	2.5 – 5.0	3.0 – 4.5	7.0	— 1.0	— 0.5	— 0.5	MH
ML	8–16	2.0 – 5.5	2.0 – 5.0	2.5 – 5.0	7.5	— 1.0	— 1.0	— 0.5	ML
LO	0–7	1.5 – 5.5	2.0 – 5.5	2.5 – 5.0	7.5	— 1.0	— 1.0	— 0.5	LO

Radar: APQ-126 ECCM: 0 Arcs: 180+ Search: Gr. Nav. (120) Track: Gr. Attack (30) Lock-On: 7	ECM: IFF RWR: B DDS: B DJM: B4 AJM: — BJM: —	Weapon Stations Diagram:
Guns: 20 mm M61A1 Vulcan To Hit: 6/3/1 Ammunition: 5.0 Gunsight: HT+2/BT+3 Ranging: — AtA/AtG: 6/8*	Technology: Terrain Following - A	Load Point Limits: CL : < 7 1/2: <13 Weight Limit: 15,000 DT : ≥13
Bomb System: Computed		Station Limit Allowed Loads 1 and 8 3,500 BB BG RP RG WR EP ARM IRM FT 2 and 7 3,500 BB BG RP RG WR EP ARM PP GP 3 and 6 2,500 BB BG RP RG WR EP ARM PP FT 4 and 5 250 IRM
Notes: 1. 2. High transonic drag (HTD).		Load Notes: 1. May only used AIM-9 IRMs, AGM-12 RGs, and AGM-45 ARMs.
		VPs: 20/13/7/3

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A-7D Corsair II					Crew: Pilot
Power APs/DPs: ○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5 VR 0.5
AB — — — — M 1.5 1.0 1.0 2.0 N 0.0 0.0 0.0 1.0 I 1.0 2.0 2.0 0.0 SPBR 2.0 2.0 2.0 —					Turn DPs: CL 1/2 DT TT 1.0 1.0 1.0 HT 1.0 1.0 1.5 BT 2.0 2.0 2.5 ET — — —
Smoker in military power (SMP). Cruise Spd. CL: 4.5 Restr. Arcs: 60– Climb Spd.: 4.0 Blind Arcs: 30– Visibility: 6 Internal Fuel: 500 Size: +0 AtA Refuel: Yes Vulnerability: +1 Ejection Seat: Std					

Speeds and Ceilings				Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 45	1/2 35	DT 28	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	
EH+	46+	—	—	—	—	— —	— —	— —	EH+
VH	36–45	3.5 – 6.0	—	—	7.0	— 0.5	— —	— —	VH
HI	26–35	3.0 – 6.5	3.0 – 6.0	3.5 – 5.0	7.0	— 1.0	— 0.5	— 0.5	HI
MH	17–25	2.5 – 6.5	3.0 – 6.0	3.0 – 5.0	7.0	— 1.0	— 1.0	— 0.5	MH
ML	8–16	2.0 – 6.0	2.5 – 5.5	2.5 – 5.0	7.5	— 1.0	— 1.0	— 1.0	ML
LO	0–7	2.0 – 6.0	2.0 – 5.5	2.5 – 5.0	7.5	— 2.0	— 1.0	— 1.0	LO

Radar: APQ-126 ECCM: 0 Arcs: 180+ Search: Gr. Nav. (120) Track: Gr. Attack (30) Lock-On: 7	ECM: IFF RWR: B DDS: B DJM: — AJM: — BJM: —	Weapon Stations Diagram:
Guns: 20 mm M61A1 Vulcan To Hit: 6/3/1 Ammunition: 5.0 Gunsight: HT+2/BT+3 Ranging: — AtA/AtG: 6/8*	Technology: Terrain Following - A	Load Point Limits: CL : < 7 1/2: <15 Weight Limit: 15,000 DT : ≥15
Bomb System: Computed		Station Limit Allowed Loads 1 and 8 3,500 BB BG RP RG WR EP DP IRM FT 2 and 7 3,500 BB BG BS RP RG RS WR EP DP PP GP 3 and 6 2,500 BB BG BS RP RG RS WR EP DP PP OP FT 4 and 5 250 IRM
Notes: 1. 2. High transonic drag (HTD).		Load Notes: 1. May only used AIM-9 IRMs, AGM-12 RGs, and AGM-45 ARMs.
		VPs: 24/16/8/4 v3 0000000 0000-00-00T00:00:00

Speeds and Ceilings						Climb Capabilities							
Alt. Band	Conf. Ceil.	CL 45	1/2 35	DT 28	Dive Speed	CL AB	1/2 AB	DT AB		CL Oth	1/2 Oth	DT Oth	
EH+	46+	—	—	—	—	—	—	—	—	—	—	—	EH+
VH	36–45	3.5 – 6.0	—	—	7.0	—	0.5	—	—	—	—	—	VH
HI	26–35	3.0 – 6.5	3.0 – 6.0	3.5 – 5.0	7.0	—	1.0	—	0.5	—	0.5	—	HI
MH	17–25	2.5 – 6.5	3.0 – 6.0	3.0 – 5.0	7.0	—	1.0	—	1.0	—	0.5	—	MH
ML	8–16	2.0 – 6.0	2.5 – 5.5	2.5 – 5.0	7.5	—	1.0	—	1.0	—	1.0	—	ML
LO	0–7	2.0 – 6.0	2.0 – 5.5	2.5 – 5.0	7.5	—	2.0	—	1.0	—	1.0	—	LO

Radar: APQ-126	ECM: IFF	Weapon Stations Diagram:		
ECCM: 0	RWR: B			
Arcs: 180+	DDS: B			
Search: Gr. Nav. (120)	DJM: —			
Track: Gr. Attack (30)	AJM: —			
Lock-On: 7	BJM: —			
Guns: 20 mm M61A1 Vulcan	Technology: Terrain Following - A and Laser Spot Tracker	Load Point Limits:		
To Hit: 6/3/1		CL : < 7		
Ammunition: 5.0		1/2: <15		
Gunsight: HT+2/BT+3		Weight Limit: 15,000		
Ranging: —		Station	Limit	Allowed Loads
AtA/AtG: 6/8*		1 and 8	3,500	BB BG RP RG WR EP DP IRM FT
Bomb System: Computed		2 and 7	3,500	BB BG BS RP RG RS WR EP DP PP GP
Notes:		3 and 6	2,500	BB BG BS RP RG RS WR EP DP PP OP FT
1.		4 and 5	250	IRM
2. High transonic drag (HTD).		Load Notes:		
		1. May only used AIM-9 IRMs, AGM-12 RGs, and AGM-45 ARMs.		
		VPs: 24/16/8/4		
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A-7D Corsair II (1981 Upgrade)					Crew: Pilot
Power APs/DPs: ○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5 VR 0.5
AB — — — — M 1.5 1.0 1.0 2.0 N 0.0 0.0 0.0 1.0 I 1.0 2.0 2.0 0.0 SPBR 2.0 2.0 2.0 —					Turn DPs: CL 1/2 DT TT 1.0 1.0 1.0 HT 1.0 1.0 1.5 BT 2.0 2.0 2.5 ET — — —
Smoker in military power (SMP). Cruise Spd. CL: 4.5 Restr. Arcs: 60– Climb Spd.: 4.0 Blind Arcs: 30– Visibility: 6 Internal Fuel: 500 Size: +0 AtA Refuel: Yes Vulnerability: +1 Ejection Seat: Std					

Speeds and Ceilings				Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 45	1/2 35	DT 28	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	
EH+	46+	—	—	—	—	— —	— —	— —	EH+
VH	36–45	3.5 – 6.0	—	—	7.0	— 0.5	— —	— —	VH
HI	26–35	3.0 – 6.5	3.0 – 6.0	3.5 – 5.0	7.0	— 1.0	— 0.5	— 0.5	HI
MH	17–25	2.5 – 6.5	3.0 – 6.0	3.0 – 5.0	7.0	— 1.0	— 1.0	— 0.5	MH
ML	8–16	2.0 – 6.0	2.5 – 5.5	2.5 – 5.0	7.5	— 1.0	— 1.0	— 1.0	ML
LO	0–7	2.0 – 6.0	2.0 – 5.5	2.5 – 5.0	7.5	— 2.0	— 1.0	— 1.0	LO

Radar: APQ-126 ECCM: 0 Arcs: 180+ Search: Gr. Nav. (120) Track: Gr. Attack (30) Lock-On: 7	ECM: IFF RWR: C DDS: B DJM: — AJM: — BJM: —	Weapon Stations Diagram:
Guns: 20 mm M61A1 Vulcan To Hit: 6/3/1 Ammunition: 5.0 Gunsight: HT+2/BT+3 Ranging: — AtA/AtG: 6/8*	Technology: Terrain Following - A	Load Point Limits: CL : < 7 1/2: <15 Weight Limit: 15,000 DT : ≥15
Bomb System: Computed		Station Limit Allowed Loads 1 and 8 3,500 BB BG RP RG WR EP DP IRM FT 2 and 7 3,500 BB BG BS RP RG RS WR EP DP PP GP 3 and 6 2,500 BB BG BS RP RG RS WR EP DP PP OP FT 4 and 5 250 IRM
Notes: 1. 2. High transonic drag (HTD).		Load Notes: 1. May only used AIM-9 IRMs, AGM-12 RGs, and AGM-45 ARMs.
		VPs: 24/16/8/4

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A-7E Corsair II					Crew: Pilot
Power APs/DPs: ○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5 VR 0.5
AB — — — —					
M 1.5 1.0 1.0 2.0					
N 0.0 0.0 0.0 1.0					
I 1.0 2.0 2.0 0.0					
SPBR 2.0 2.0 2.0 —					
Smoker in military power (SMP).					
Cruise Spd. CL: 4.5 Restr. Arcs: 60– Climb Spd.: 4.0 Blind Arcs: 30– Visibility: 6 Internal Fuel: 500 Size: +0 AtA Refuel: Yes Vulnerability: +1 Ejection Seat: Std					

Speeds and Ceilings				Climb Capabilities							
Alt.	Conf.	CL	1/2	DT	Dive Speed	CL AB	1/2 AB	DT AB	Oth Oth	Oth Oth	Oth Oth
Alt.	Conf.	CL	1/2	DT	Dive Speed	CL AB	1/2 AB	DT AB	Oth Oth	Oth Oth	Oth Oth
Band	Ceil.	45	35	28							
EH+	46+	—	—	—	—	—	—	—	—	—	EH+
VH	36–45	3.5 – 6.0	—	—	7.0	—	0.5	—	—	—	VH
HI	26–35	3.0 – 6.5	3.0 – 6.0	3.5 – 5.0	7.0	—	1.0	—	0.5	—	0.5
MH	17–25	2.5 – 6.5	3.0 – 6.0	3.0 – 5.0	7.0	—	1.0	—	1.0	—	0.5
ML	8–16	2.0 – 6.0	2.5 – 5.5	2.5 – 5.0	7.5	—	1.0	—	1.0	—	1.0
LO	0–7	2.0 – 6.0	2.0 – 5.5	2.5 – 5.0	7.5	—	2.0	—	1.0	—	1.0

Radar: APQ-126	ECM: IFF	Weapon Stations Diagram:
ECCM: 0	RWR: B	
Arcs: 180+	DDS: B	
Search: Gr. Nav. (120)	DJM: B4	
Track: Gr. Attack (30)	AJM: —	
Lock-On: 7	BJM: —	
Guns: 20 mm M61A1 Vulcan	Technology:	Load Point Limits: CL : < 7 1/2: <15
To Hit: 6/3/1	Terrain Following - A	Weight Limit: 15,000 DT : ≥15
Ammunition: 5.0		Station Limit Allowed Loads
Gunsight: HT+2/BT+3		1 and 8 3,500 BB BG RP RG WR EP ARM DP IRM FT
Ranging: —		2 and 7 3,500 BB BG BS RP RG RS WR EP ARM DP PP GP
AtA/AtG: 6/8*		3 and 6 2,500 BB BG BS RP RG RS WR EP ARM DP PP OP FT
Bomb System: Computed		4 and 5 250 IRM
Notes:		Load Notes:
1. 2. High transonic drag (HTD).		1. May only used AIM-9 IRMs, AGM-12 RGs, and AGM-45 ARMs.
		VPs: 24/16/8/4
		v3 0000000 0000-00-00T00:00:00

A-7E Corsair II (1980 Upgrade)					Crew: Pilot
Power APs/DPs: ○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5 VR 0.5
AB — — — — M 1.5 1.0 1.0 2.0 N 0.0 0.0 0.0 1.0 I 1.0 2.0 2.0 0.0 SPBR 2.0 2.0 2.0 —					Turn DPs: CL 1/2 DT TT 1.0/1.0 1.0/1.0 1.0/1.5 HT 1.0/1.5 1.0/1.5 1.5/2.0 BT 2.0/2.5 2.0/2.5 2.5/3.0 ET — — —
Smoker in military power (SMP).					Automatic maneuvering flaps. If speed ≤ 3.5, use higher drag and reduce minimum speeds by 0.5.

Speeds and Ceilings				Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 45	1/2 35	DT 28	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	
EH+	46+	—	—	—	—	— —	— —	— —	EH+
VH	36–45	3.5 – 6.0	—	—	7.0	— 0.5	— —	— —	VH
HI	26–35	3.0 – 6.5	3.0 – 6.0	3.5 – 5.0	7.0	— 1.0	— 0.5	— 0.5	HI
MH	17–25	2.5 – 6.5	3.0 – 6.0	3.0 – 5.0	7.0	— 1.0	— 1.0	— 0.5	MH
ML	8–16	2.0 – 6.0	2.5 – 5.5	2.5 – 5.0	7.5	— 1.0	— 1.0	— 1.0	ML
LO	0–7	2.0 – 6.0	2.0 – 5.5	2.5 – 5.0	7.5	— 2.0	— 1.0	— 1.0	LO

Radar: APQ-126	ECM: IFF	Weapon Stations Diagram:		
ECCM: 0	RWR: B			
Arcs: 180+	DDS: B			
Search: Gr. Nav. (120)	DJM: B4			
Track: Gr. Attack (30)	AJM: —			
Lock-On: 7	BJM: —			
Guns: 20 mm M61A1 Vulcan	Technology: Terrain Following - A	Load Point Limits: CL : < 7 1/2: <15		
To Hit: 6/3/1		Weight Limit: 15,000 DT : ≥15		
Ammunition: 5.0		Station Limit Allowed Loads		
Gunsight: HT+2/BT+3		1 and 8	3,500	BB BG RP RG WR EP ARM DP IRM FT
Ranging: —		2 and 7	3,500	BB BG BS RP RG RS WR EP ARM DP PP GP
AtA/AtG: 6/8*		3 and 6	2,500	BB BG BS RP RG RS WR EP ARM DP PP OP FT
Bomb System: Computed		4 and 5	250	IRM
Notes:		Load Notes:		
1. 2. High transonic drag (HTD).		1. May only used AIM-9 IRMs, AGM-12 RGs, and AGM-45 ARMs.		
		VPs: 24/16/8/4		
		v3 0000000 0000-00-00T00:00:00		

A-7E Corsair II (1985 Upgrade)					Crew: Pilot
Power APs/DPs: ○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5 VR 0.5
AB — — — — M 1.5 1.0 1.0 2.0 N 0.0 0.0 0.0 1.0 I 1.0 2.0 2.0 0.0 SPBR 2.0 2.0 2.0 —					Turn DPs: CL 1/2 DT TT 1.0/1.0 1.0/1.0 1.0/1.5 HT 1.0/1.5 1.0/1.5 1.5/2.0 BT 2.0/2.5 2.0/2.5 2.5/3.0 ET — — —
Smoker in military power (SMP).					Automatic maneuvering flaps. If speed ≤ 3.5, use higher drag and reduce minimum speeds by 0.5.

Speeds and Ceilings				Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 45	1/2 35	DT 28	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	
EH+	46+	—	—	—	—	— —	— —	— —	EH+
VH	36–45	3.5 – 6.0	—	—	7.0	— 0.5	— —	— —	VH
HI	26–35	3.0 – 6.5	3.0 – 6.0	3.5 – 5.0	7.0	— 1.0	— 0.5	— 0.5	HI
MH	17–25	2.5 – 6.5	3.0 – 6.0	3.0 – 5.0	7.0	— 1.0	— 1.0	— 0.5	MH
ML	8–16	2.0 – 6.0	2.5 – 5.5	2.5 – 5.0	7.5	— 1.0	— 1.0	— 1.0	ML
LO	0–7	2.0 – 6.0	2.0 – 5.5	2.5 – 5.0	7.5	— 2.0	— 1.0	— 1.0	LO

Radar: APQ-126	ECM: IFF	Weapon Stations Diagram:		
ECCM: 0	RWR: C			
Arcs: 180+	DDS: B			
Search: Gr. Nav. (120)	DJM: C4			
Track: Gr. Attack (30)	AJM: —			
Lock-On: 7	BJM: —			
Guns: 20 mm M61A1 Vulcan	Technology: Terrain Following - A	Load Point Limits: CL : < 7 1/2: <15		
To Hit: 6/3/1		Weight Limit: 15,000 DT : ≥15		
Ammunition: 5.0		Station Limit Allowed Loads		
Gunsight: HT+2/BT+3		1 and 8	3,500	BB BG RP RG WR EP ARM DP IRM FT
Ranging: —		2 and 7	3,500	BB BG BS RP RG RS WR EP ARM DP PP GP
AtA/AtG: 6/8*		3 and 6	2,500	BB BG BS RP RG RS WR EP ARM DP PP OP FT
Bomb System: Computed		4 and 5	250	IRM
Notes:		Load Notes:		
1.		1. May only used AIM-9 IRMs, AGM-12 RGs, and AGM-45 and AGM-88 ARMs.		
2. High transonic drag (HTD).				
		VPs: 24/16/8/4		
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A-7P Corsair II					Crew: Pilot
Power APs/DPs: ○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5 VR 0.5
AB — — — — M 1.0 1.0 1.0 2.0 N 0.0 0.0 0.0 1.0 I 1.0 2.0 2.0 0.0 SPBR 2.0 2.0 2.0 —					Turn DPs: CL 1/2 DT TT 1.0 1.0 1.0 HT 1.5 1.5 1.5 BT 2.0 2.5 2.5 ET — — —
Smoker in military power (SMP). Cruise Spd. CL: 4.5 Restr. Arcs: 60– Climb Spd.: 3.5 Blind Arcs: 30– Visibility: 6 Internal Fuel: 480 Size: +0 AtA Refuel: Yes Vulnerability: +0 Ejection Seat: Std					

Speeds and Ceilings				Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 40	1/2 32	DT 26	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth	
EH+	46+	—	—	—	—	— —	— —	— —	EH+
VH	36–45	3.0 – 5.0	—	—	6.5	— 0.5	— —	— —	VH
HI	26–35	3.0 – 5.0	3.0 – 4.5	3.5 – 4.5	7.0	— 0.5	— 0.5	— 0.5	HI
MH	17–25	2.5 – 5.0	2.5 – 5.0	3.0 – 4.5	7.0	— 1.0	— 0.5	— 0.5	MH
ML	8–16	2.0 – 5.5	2.0 – 5.0	2.5 – 5.0	7.5	— 1.0	— 1.0	— 0.5	ML
LO	0–7	1.5 – 5.5	2.0 – 5.5	2.5 – 5.0	7.5	— 1.0	— 1.0	— 0.5	LO

Radar: APQ-126 ECCM: 0 Arcs: 180+ Search: Gr. Nav. (120) Track: Gr. Attack (30) Lock-On: 7	ECM: IFF RWR: B DDS: — DJM: — AJM: — BJM: —	Weapon Stations Diagram:
Guns: Two 20 mm Mk 12 To Hit: 5/3/1 Ammunition: 8.0 Gunsight: TT+1/HT+2/BT+3 Ranging: — AtA/AtG: 4/4*	Technology: Terrain Following - A	Load Point Limits: CL : < 7 1/2: <13 Weight Limit: 15,000 DT : ≥13
Bomb System: Computed		Station Limit Allowed Loads 1 and 8 3,500 BB BG RP RG WR EP ARM IRM FT 2 and 7 3,500 BB BG RP RG WR EP ARM PP GP 3 and 6 2,500 BB BG RP RG WR EP ARM PP FT 4 and 5 250 IRM
Notes: 1. 2. High transonic drag (HTD).		Load Notes: 1. May only used AIM-9 IRMs, AGM-12 RGs, and AGM-45 ARMs.
		VPs: 20/13/7/3

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