

## **North American A3J/A-5 Vigilante**

- A3J-1
- A-5A
- A3J-2
- A-5B
- A3J-3P
- RA-5C
- RA-5C (1967 Upgrade)
- RA-5C (1971 Upgrade)

A3J-1 Vigilante										Crew: Pilot and Navigator														
										Maneuver HFPs/DPs:														
Power APs/DPs: ○○										LR/DR 1.0 2.0														
										VR 1.0														
										Turn DPs:														
										CL 1/2 DT														
										TT 1.0 1.0 1.0														
										HT 2.0 2.0 2.0														
										BT 3.0 4.0 4.0														
										ET — — —														
Smoker in military power (SMP).					Cruise Spd. CL: 5.5					Restr. Arcs: 90–														
					Climb Spd.: 4.5					Blind Arcs: 60–														
					Visibility: 8					Internal Fuel: 720														
					Size: +0					AtA Refuel: No														
					Vulnerability: +0					Ejection Seat: Std														
Speeds and Ceilings										Climb Capabilities														
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT										
Band Ceil.		62		58		48		Speed		AB Oth		AB Oth		AB Oth										
EH+		46+		4.0 – 12.5		4.5 – 10.5		5.0 – 10.0		14.0		2.0 0.5		1.0 0.5		1.0 0.5 EH+								
VH		36–45		3.5 – 13.5		4.0 – 11.5		4.0 – 10.5		14.0		2.0 0.5		1.0 0.5		1.0 0.5 VH								
HI		26–35		3.0 – 11.5		3.5 – 10.0		3.5 – 9.0		12.0		3.0 1.0		2.0 0.5		1.0 0.5 HI								
MH		17–25		2.5 – 9.5		3.0 – 8.5		3.0 – 8.0		10.0		3.0 1.0		2.0 1.0		2.0 0.5 MH								
ML		8–16		2.0 – 7.5		2.5 – 7.0		2.5 – 6.5		8.0		4.0 2.0		3.0 1.0		2.0 1.0 ML								
LO		0–7		2.0 – 7.0		2.5 – 6.5		2.5 – 6.0		7.5		4.0 2.0		3.0 1.0		2.0 1.0 LO								
Radar: ASB-12					ECM: IFF					Weapon Stations Diagram:														
ECCM: 0					RWR: —																			
Arcs: 180+					DDS: —																			
Search: Gr. Nav. (420)					DJM: —																			
Track: Gr. Attack (90)					AJM: —																			
Lock-On: 7					BJM: —																			
Guns: —					Technology: Terrain Following-A					Load Point Limits: CL : 0–2														
To Hit: —										1/2: 3–10														
Ammunition: —										Weight Limit: 12,000 DT : 11+														
Gunsight: —										Station Limit Allowed Loads														
Ranging: —										1 and 3 3,200 BB RP RG WR FT														
AtA/AtG: —										2 0 Nuc BB FT														
Bomb System: Ballistic computed										Load Notes:														
Notes: 1. 2. Good supersonic maneuverability (GSSM). Rapid acceleration (RA). Rapid power response (RPR). 3. Bomb system is computed for level or radar bombing and ballistic otherwise.										1. Station 2 is the internal weapons tube. It can carry one nuclear BB and two FTs or three FTs. The special FTs have a capacity of 295 gal (1100L).														
										2. May only use AGM-12 RGs.														
VPs: 32/21/11/5										v2 0000000 0000-00-00T00:00:00														

A-5A Vigilante										Crew: Pilot and Navigator																			
										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		1.5		12.0		TT		1.0																	
M		1.0		1.0		1.0		4.0		HT		2.0																	
N		0.0		0.0		0.0		2.0		BT		3.0																	
I		1.0		1.0		1.0		0.0		ET		—																	
SPBR		1.0		1.0		1.0		—																					
Smoker in military power (SMP).					Cruise Spd. CL: 5.5					Restr. Arcs: 90–																			
					Climb Spd.: 4.5					Blind Arcs: 60–																			
					Visibility: 8					Internal Fuel: 720																			
					Size: +0					AtA Refuel: No																			
					Vulnerability: +0					Ejection Seat: Std																			
Speeds and Ceilings						Climb Capabilities																							
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT															
Band Ceil.		62		58		48		Speed		AB Oth		AB Oth		AB Oth															
EH+		46+		4.0 – 12.5		4.5 – 10.5		5.0 – 10.0		14.0		2.0 0.5		1.0 0.5															
VH		36–45		3.5 – 13.5		4.0 – 11.5		4.0 – 10.5		14.0		2.0 0.5		1.0 0.5															
HI		26–35		3.0 – 11.5		3.5 – 10.0		3.5 – 9.0		12.0		3.0 1.0		2.0 0.5															
MH		17–25		2.5 – 9.5		3.0 – 8.5		3.0 – 8.0		10.0		3.0 1.0		2.0 0.5															
ML		8–16		2.0 – 7.5		2.5 – 7.0		2.5 – 6.5		8.0		4.0 2.0		3.0 1.0															
LO		0–7		2.0 – 7.0		2.5 – 6.5		2.5 – 6.0		7.5		4.0 2.0		3.0 1.0															
Radar:					ASB-12					ECM:					IFF					Weapon Stations Diagram:									
ECCM:					0					RWR:					—														
Arcs:					180+					DDS:					—														
Search:					Gr. Nav. (420)					DJM:					—														
Track:					Gr. Attack (90)					AJM:					—														
Lock-On:					7					BJM:					—														
Guns:					—					Technology:					Load Point Limits:					CL : 0–2									
To Hit:					—					Terrain Following-A					Weight Limit:					12,000					DT : 3–10				
Ammunition:					—										Station					Limit					Allowed Loads				
Gunsight:					—										1 and 3					3,200					BB RP RG WR FT				
Ranging:					—										2					0					Nuc BB FT				
AtA/AtG:					—										Load Notes:														
Bomb System:					Ballistic computed					1. Station 2 is the internal weapons tube. It can carry one nuclear BB and two FTs or three FTs. The special FTs have a capacity of 295 gal (1100L).																			
Notes:															2. May only use AGM-12 RGs.														
1.																													
2. Good supersonic maneuverability (GSSM). Rapid acceleration (RA). Rapid power response (RPR).																													
3. Bomb system is computed for level or radar bombing and ballistic otherwise.																													
VPs: 32/21/11/5										v2 0000000 0000-00-00T00:00:00																			

A3J-2 Vigilante										Crew: Pilot and Navigator																			
										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		1.5		12.0		TT		1.0																	
M		1.0		1.0		1.0		4.0		HT		2.0																	
N		0.0		0.0		0.0		2.0		BT		3.0																	
I		1.0		1.0		1.0		0.0		ET		—																	
SPBR		1.0		1.0		1.0		—																					
Smoker in military power (SMP).					Cruise Spd. CL: 5.5					Restr. Arcs: 90–																			
					Climb Spd.: 4.5					Blind Arcs: 60–																			
					Visibility: 8					Internal Fuel: 880																			
					Size: +0					AtA Refuel: No																			
					Vulnerability: +0					Ejection Seat: Std																			
Speeds and Ceilings							Climb Capabilities																						
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT															
Band Ceil.		62		58		48		Speed		AB Oth		AB Oth		AB Oth															
EH+		46+		4.0 – 12.5		4.5 – 10.5		5.0 – 10.0		14.0		2.0 0.5		1.0 0.5															
VH		36–45		3.5 – 13.5		4.0 – 11.5		4.0 – 10.5		14.0		2.0 0.5		1.0 0.5															
HI		26–35		3.0 – 11.5		3.5 – 10.0		3.5 – 9.0		12.0		3.0 1.0		2.0 0.5															
MH		17–25		2.5 – 9.5		3.0 – 8.5		3.0 – 8.0		10.0		3.0 1.0		2.0 0.5															
ML		8–16		2.0 – 7.5		2.5 – 7.0		2.5 – 6.5		8.0		4.0 2.0		3.0 1.0															
LO		0–7		2.0 – 7.0		2.5 – 6.5		2.5 – 6.0		7.5		4.0 2.0		3.0 1.0															
Radar:					ASB-12					ECM:					IFF					Weapon Stations Diagram:									
ECCM:					0					RWR:					—														
Arcs:					180+					DDS:					—														
Search:					Gr. Nav. (420)					DJM:					—														
Track:					Gr. Attack (90)					AJM:					—														
Lock-On:					7					BJM:					—														
Guns:					—					Technology:					Load Point Limits:					CL : 0–2									
To Hit:					—					Terrain Following-A					Weight Limit:					12,000					DT : 11+				
Ammunition:					—										Station					Limit					Allowed Loads				
Gunsight:					—										1 and 5					3,200					BB RP RG WR FT				
Ranging:					—										2 and 3					3,200					BB RP RG WR FT				
AtA/AtG:					—										3					0					Nuc BB FT				
Bomb System:					Ballistic computed					Notes: 1. 2. Good supersonic maneuverability (GSSM). Rapid acceleration (RA). Rapid power response (RPR). 3. Bomb system is computed for level or radar bombing and ballistic otherwise.					Load Notes:					1. Station 3 is the internal weapons tube. It can carry one nuclear BB and two FTs or three FTs. The special FTs have a capacity of 295 gal (1100L). 2. May only use AGM-12 RGs.									
VPs: 32/21/11/5															v2 0000000 0000-00-00T00:00:00														

A-5B Vigilante										Crew: Pilot and Navigator							
										Maneuver HFPs/DPs:							
LR/DR				1.0						2.0							
VR										1.0							
Power APs/DPs: ○○					Cruise Spd. CL: 5.5    Restr. Arcs: 90– Climb Spd.: 4.5    Blind Arcs: 60– Visibility: 8    Internal Fuel: 880 Size: +0    AtA Refuel: No Vulnerability: +0    Ejection Seat: Std					Turn DPs:							
CL    1/2    DT    Fuel										CL    1/2    DT							
AB    2.0    1.5    1.5    12.0										TT    1.0    1.0    1.0							
M    1.0    1.0    1.0    4.0										HT    2.0    2.0    2.0							
N    0.0    0.0    0.0    2.0										BT    3.0    4.0    4.0							
I    1.0    1.0    1.0    0.0										ET    —    —    —							
SPBR    1.0    1.0    1.0    —																	
Smoker in military power (SMP).																	
Speeds and Ceilings						Climb Capabilities											
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT			
Band    Ceil.		62		58		48		Speed		AB    Oth		AB    Oth		AB    Oth			
EH+    46+		4.0 – 12.5		4.5 – 10.5		5.0 – 10.0		14.0		2.0    0.5		1.0    0.5		1.0    0.5		EH+	
VH    36–45		3.5 – 13.5		4.0 – 11.5		4.0 – 10.5		14.0		2.0    0.5		1.0    0.5		1.0    0.5		VH	
HI    26–35		3.0 – 11.5		3.5 – 10.0		3.5 – 9.0		12.0		3.0    1.0		2.0    0.5		1.0    0.5		HI	
MH    17–25		2.5 – 9.5		3.0 – 8.5		3.0 – 8.0		10.0		3.0    1.0		2.0    1.0		2.0    0.5		MH	
ML    8–16		2.0 – 7.5		2.5 – 7.0		2.5 – 6.5		8.0		4.0    2.0		3.0    1.0		2.0    1.0		ML	
LO    0–7		2.0 – 7.0		2.5 – 6.5		2.5 – 6.0		7.5		4.0    2.0		3.0    1.0		2.0    1.0		LO	
Radar: ASB-12					ECM: IFF					Weapon Stations Diagram:							
ECCM: 0					RWR: —												
Arcs: 180+					DDS: —												
Search: Gr. Nav. (420)					DJM: —												
Track: Gr. Attack (90)					AJM: —					Load Point Limits: CL : 0–2 1/2: 3–10 Weight Limit: 12,000    DT : 11+							
Lock-On: 7					BJM: —												
Guns: —					Technology:												
To Hit: —					Terrain Following-A												
Ammunition: —										Station    Limit    Allowed Loads 1 and 5    3,200    BB RP RG WR FT 2 and 3    3,200    BB RP RG WR FT 3    0    Nuc BB FT							
Gunsight: —																	
Ranging: —																	
AtA/AtG: —																	
Bomb System: Ballistic computed										Load Notes: 1. Station 3 is the internal weapons tube. It can carry one nuclear BB and two FTs or three FTs. The special FTs have a capacity of 295 gal (1100L). 2. May only use AGM-12 RGs.							
Notes:																	
1.																	
2. Good supersonic maneuverability (GSSM). Rapid acceleration (RA). Rapid power response (RPR).																	
3. Bomb system is computed for level or radar bombing and ballistic otherwise.										VPs: 32/21/11/5							
										v2 0000000 0000-00-00T00:00:00							

A3J-3P Vigilante										Crew: Pilot and Navigator							
										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		1.5		12.0		TT		1.0					
M		1.0		1.0		1.0		4.0		HT		2.0					
N		0.0		0.0		0.0		2.0		BT		3.0					
I		1.0		1.0		1.0		0.0		ET		—					
SPBR		1.0		1.0		1.0		—									
Smoker in military power (SMP).					Cruise Spd. CL: 5.5					Restr. Arcs: 90—							
					Climb Spd.: 4.5					Blind Arcs: 60—							
					Visibility: 8					Internal Fuel: 880							
					Size: +0					AtA Refuel: No							
					Vulnerability: +0					Ejection Seat: Std							
Speeds and Ceilings						Climb Capabilities											
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT			
Band Ceil.		62		58		48		Speed		AB Oth		AB Oth		AB Oth			
EH+		46+		4.0 – 12.5		4.5 – 10.5		5.0 – 10.0		14.0		2.0 0.5		1.0 0.5		1.0 0.5	
VH		36–45		3.5 – 13.5		4.0 – 11.5		4.0 – 10.5		14.0		2.0 0.5		1.0 0.5		1.0 0.5	
HI		26–35		3.0 – 11.5		3.5 – 10.0		3.5 – 9.0		12.0		3.0 1.0		2.0 0.5		1.0 0.5	
MH		17–25		2.5 – 9.5		3.0 – 8.5		3.0 – 8.0		10.0		3.0 1.0		2.0 1.0		2.0 0.5	
ML		8–16		2.0 – 7.5		2.5 – 7.0		2.5 – 6.5		8.0		4.0 2.0		3.0 1.0		2.0 1.0	
LO		0–7		2.0 – 7.0		2.5 – 6.5		2.5 – 6.0		7.5		4.0 2.0		3.0 1.0		2.0 1.0	
Radar: ASB-12					ECM: IFF					Weapon Stations Diagram:							
ECCM: 0					RWR: A												
Arcs: 180+					DDS: A												
Search: Gr. Nav. (420)					DJM: A3												
Track: Gr. Attack (90)					AJM: —												
Lock-On: 7					BJM: —												
Guns: —					Technology:					Load Point Limits:							
To Hit: —					Terrain Following-A					CL : 0–2							
Ammunition: —										1/2: 3–10							
Gunsight: —										Weight Limit: 12,000 DT : 11+							
Ranging: —										Station Limit Allowed Loads							
AtA/AtG: —										1 and 5 3,200 BB RP RG WR FT							
Bomb System: Ballistic computed					2 and 3 3,200 BB RP RG WR FT												
					3 0 Nuc BB FT												
Notes:					Load Notes:												
					1. Station 3 is the internal weapons tube. It can carry one nuclear BB and two FTs or three FTs. The special FTs have a capacity of 295 gal (1100L).												
					2. May only use AGM-12 RGs.												
					3. Although capable of carrying weapons internally and externally, in practice only three internal FTs and no external weapons or FTs were carried. The total fuel in this configuration is 1165.												
					VPs: 40/27/13/7							v2 00000000 0000-00-00T00:00:00					

RA-5C Vigilante										Crew: Pilot and Navigator									
										Maneuver HFPs/DPs:									
LR/DR		1.0		2.0															
VR				1.0															
Turn DPs:																			
Power APs/DPs: ○○										CL		1/2		DT					
CL		1/2		DT		Fuel													
AB		2.0		1.5		1.5		12.0											
M		1.0		1.0		1.0		4.0											
N		0.0		0.0		0.0		2.0											
I		1.0		1.0		1.0		0.0											
SPBR		1.0		1.0		1.0		—											
Smoker in military power (SMP).					Cruise Spd. CL: 5.5					Restr. Arcs: 90–									
					Climb Spd.: 4.5					Blind Arcs: 60–									
					Visibility: 8					Internal Fuel: 880									
					Size: +0					AtA Refuel: No									
					Vulnerability: +0					Ejection Seat: Std									
Speeds and Ceilings						Climb Capabilities													
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT					
Band Ceil.		62		58		48		Speed		AB Oth		AB Oth		AB Oth					
EH+		46+		4.0 – 12.5		4.5 – 10.5		5.0 – 10.0		14.0		2.0 0.5		1.0 0.5		1.0 0.5			
VH		36–45		3.5 – 13.5		4.0 – 11.5		4.0 – 10.5		14.0		2.0 0.5		1.0 0.5		1.0 0.5			
HI		26–35		3.0 – 11.5		3.5 – 10.0		3.5 – 9.0		12.0		3.0 1.0		2.0 0.5		1.0 0.5			
MH		17–25		2.5 – 9.5		3.0 – 8.5		3.0 – 8.0		10.0		3.0 1.0		2.0 1.0		2.0 0.5			
ML		8–16		2.0 – 7.5		2.5 – 7.0		2.5 – 6.5		8.0		4.0 2.0		3.0 1.0		2.0 1.0			
LO		0–7		2.0 – 7.0		2.5 – 6.5		2.5 – 6.0		7.5		4.0 2.0		3.0 1.0		2.0 1.0			

<b>Radar:</b> ASB-12 <b>ECCM:</b> 0 <b>Arcs:</b> 180+ <b>Search:</b> Gr. Nav. (420) <b>Track:</b> Gr. Attack (90) <b>Lock-On:</b> 7	<b>ECM:</b> IFF <b>RWR:</b> A <b>DDS:</b> A <b>DJM:</b> A3 <b>AJM:</b> — <b>BJM:</b> —	<b>Weapon Stations Diagram:</b>											
<b>Guns:</b> — <b>To Hit:</b> — <b>Ammunition:</b> — <b>Gunsight:</b> — <b>Ranging:</b> — <b>AtA/AtG:</b> —	<b>Technology:</b> Terrain Following-A												
<b>Bomb System:</b> Ballistic computed	<b>Notes:</b> 1. 2. Good supersonic maneuverability (GSSM). Rapid acceleration (RA). Rapid power response (RPR). 3. Reconnaissance options include an oblique camera, overhead cameras, IR camera, side-looking radar, and electronic emissions recording equipment. 4. Bomb system is computed for level or radar bombing and ballistic otherwise.	<b>Load Point Limits:</b> CL : 0–2 1/2: 3–10 <b>Weight Limit:</b> 12,000 DT : 11+											
		<table border="1"> <thead> <tr> <th>Station</th> <th>Limit</th> <th>Allowed Loads</th> </tr> </thead> <tbody> <tr> <td>1 and 5</td> <td>3,200</td> <td>BB RP RG WR FT</td> </tr> <tr> <td>2 and 3</td> <td>3,200</td> <td>BB RP RG WR FT</td> </tr> <tr> <td>3</td> <td>0</td> <td>Nuc BB FT</td> </tr> </tbody> </table> <b>Load Notes:</b> 1. Station 3 is the internal weapons tube. It can carry one nuclear BB and two FTs or three FTs. The special FTs have a capacity of 295 gal (1100L). 2. May only use AGM-12 RGs. 3. Although capable of carrying weapons internally and externally, in practice only three internal FTs and no external weapons or FTs were carried. The total fuel in this configuration is 1165.	Station	Limit	Allowed Loads	1 and 5	3,200	BB RP RG WR FT	2 and 3	3,200	BB RP RG WR FT	3	0
Station	Limit	Allowed Loads											
1 and 5	3,200	BB RP RG WR FT											
2 and 3	3,200	BB RP RG WR FT											
3	0	Nuc BB FT											
<b>VPs:</b> 40/27/13/7		v2 0000000 0000-00-00T00:00:00											

RA-5C Vigilante (1967 Upgrade)										Crew: Pilot and Navigator																	
										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 1.5 12.0										TT 1.0 1.0 1.0																	
M 1.0 1.0 1.0 4.0										HT 2.0 2.0 2.0																	
N 0.0 0.0 0.0 2.0										BT 3.0 4.0 4.0																	
I 1.0 1.0 1.0 0.0										ET — — —																	
SPBR 1.0 1.0 1.0 —					Cruise Spd. CL: 5.5 Restr. Arcs: 90–																						
Smoker in military power (SMP).					Climb Spd.: 4.5 Blind Arcs: 60–																						
					Visibility: 8 Internal Fuel: 880																						
					Size: +0 AtA Refuel: No																						
					Vulnerability: +0 Ejection Seat: Std																						
Speeds and Ceilings						Climb Capabilities																					
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT													
Band Ceil.		62		58		48		Speed		AB Oth		AB Oth		AB Oth													
EH+		46+		4.0 – 12.5		4.5 – 10.5		5.0 – 10.0		14.0		2.0 0.5		1.0 0.5		1.0 0.5 EH+											
VH		36–45		3.5 – 13.5		4.0 – 11.5		4.0 – 10.5		14.0		2.0 0.5		1.0 0.5		1.0 0.5 VH											
HI		26–35		3.0 – 11.5		3.5 – 10.0		3.5 – 9.0		12.0		3.0 1.0		2.0 0.5		1.0 0.5 HI											
MH		17–25		2.5 – 9.5		3.0 – 8.5		3.0 – 8.0		10.0		3.0 1.0		2.0 1.0		2.0 0.5 MH											
ML		8–16		2.0 – 7.5		2.5 – 7.0		2.5 – 6.5		8.0		4.0 2.0		3.0 1.0		2.0 1.0 ML											
LO		0–7		2.0 – 7.0		2.5 – 6.5		2.5 – 6.0		7.5		4.0 2.0		3.0 1.0		2.0 1.0 LO											
Radar:				ASB-12				ECM:				IFF				Weapon Stations Diagram:											
ECCM:				0				RWR:				B															
Arcs:				180+				DDS:				A															
Search:				Gr. Nav. (420)				DJM:				B3															
Track:				Gr. Attack (90)				AJM:				—															
Lock-On:				7				BJM:				—															
Guns:				—				Technology:								Load Point Limits:				CL : 0–2							
To Hit:				—				Terrain Following-A												1/2: 3–10							
Ammunition:				—												Weight Limit:				12,000 DT : 11+							
Gunsight:				—												Station				Limit				Allowed Loads			
Ranging:				—												1 and 5				3,200				BB RP RG WR FT			
AtA/AtG:				—												2 and 3				3,200				BB RP RG WR FT			
Bomb System:				Ballistic computed												3				0				Nuc BB FT			
Notes:																Load Notes:											
1.																1. Station 3 is the internal weapons tube. It can carry one nuclear BB and two FTs or three FTs. The special FTs have a capacity of 295 gal (1100L).											
2. Good supersonic maneuverability (GSSM). Rapid acceleration (RA). Rapid power response (RPR).																2. May only use AGM-12 RGs.											
3. Reconnaissance options include an oblique camera, overhead cameras, IR camera, side-looking radar, and electronic emissions recording equipment.																3. Although capable of carrying weapons internally and externally, in practice only three internal FTs and no external weapons or FTs were carried. The total fuel in this configuration is 1165.											
4. Bomb system is computed for level or radar bombing and ballistic otherwise.																											
VPs: 40/27/13/7												v2 00000000 0000-00-00T00:00:00															



RA-5C Vigilante (1971 Upgrade)										Crew: Pilot and Navigator													
										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 1.5 12.0										TT 1.0 1.0 1.0													
M 1.0 1.0 1.0 4.0										HT 2.0 2.0 2.0													
N 0.0 0.0 0.0 2.0										BT 3.0 4.0 4.0													
I 1.0 1.0 1.0 0.0										ET — — —													
SPBR 1.0 1.0 1.0 —					Cruise Spd. CL: 5.5 Restr. Arcs: 90–																		
Smoker in military power (SMP).					Climb Spd.: 4.5 Blind Arcs: 60–																		
					Visibility: 8 Internal Fuel: 880																		
					Size: +0 AtA Refuel: No																		
					Vulnerability: +0 Ejection Seat: Std																		
Speeds and Ceilings						Climb Capabilities																	
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT									
Band Ceil.		62		58		48		Speed		AB Oth		AB Oth		AB Oth									
EH+		46+		4.0 – 12.5		4.5 – 10.5		5.0 – 10.0		14.0		2.0 0.5		1.0 0.5		1.0 0.5 EH+							
VH		36–45		3.5 – 13.5		4.0 – 11.5		4.0 – 10.5		14.0		2.0 0.5		1.0 0.5		1.0 0.5 VH							
HI		26–35		3.0 – 11.5		3.5 – 10.0		3.5 – 9.0		12.0		3.0 1.0		2.0 0.5		1.0 0.5 HI							
MH		17–25		2.5 – 9.5		3.0 – 8.5		3.0 – 8.0		10.0		3.0 1.0		2.0 1.0		2.0 0.5 MH							
ML		8–16		2.0 – 7.5		2.5 – 7.0		2.5 – 6.5		8.0		4.0 2.0		3.0 1.0		2.0 1.0 ML							
LO		0–7		2.0 – 7.0		2.5 – 6.5		2.5 – 6.0		7.5		4.0 2.0		3.0 1.0		2.0 1.0 LO							
Radar:				ASB-12				ECM:				IFF				Weapon Stations Diagram:							
ECCM:				0				RWR:				B											
Arcs:				180+				DDS:				A											
Search:				Gr. Nav. (420)				DJM:				B4											
Track:				Gr. Attack (90)				AJM:				—											
Lock-On:				7				BJM:				—											
Guns:				—				Technology:								Load Point Limits:				CL : 0–2			
To Hit:				—				Terrain Following-A												1/2: 3–10			
Ammunition:				—												Weight Limit:				12,000 DT : 11+			
Gunsight:				—								Station				Limit				Allowed Loads			
Ranging:				—								1 and 5				3,200				BB RP RG WR FT			
AtA/AtG:				—								2 and 3				3,200				BB RP RG WR FT			
Bomb System:				Ballistic computed								3				0				Nuc BB FT			
Notes:																Load Notes:							
1.																1. Station 3 is the internal weapons tube. It can carry one nuclear BB and two FTs or three FTs. The special FTs have a capacity of 295 gal (1100L).							
2. Good supersonic maneuverability (GSSM). Rapid acceleration (RA). Rapid power response (RPR).																2. May only use AGM-12 RGs.							
3. Reconnaissance options include an oblique camera, overhead cameras, IR camera, side-looking radar, and electronic emissions recording equipment.																3. Although capable of carrying weapons internally and externally, in practice only three internal FTs and no external weapons or FTs were carried. The total fuel in this configuration is 1165.							
4. Bomb system is computed for level or radar bombing and ballistic otherwise.																							
VPs: 40/27/13/7																v2 00000000 0000-00-00T00:00:00							