



AA-5 Traveler & AA-5A Cheetah Competitive Comparison

Manufacturer	Grumman American	Gulfstream American	Beech	Beech	Cessna	Cessna	Piper	Piper	Piper	Socata
Model	AA-5 Traveler	AA-5A Cheetah	B19 Sport	A23A Musketeer	172M Skyhawk	177 Cardinal	PA28-140E Cherokee	PA28-151 Warrior	PA28-161 Warrior II	TB9 Tampico
Years Built	1972-75	1976-79	1966-78	1963-68	1977-86	1968	1965-77	1974-77	1977-	1990-
Number Built	834	900	904	1,093	11,070	1,164	9,434	1,898	3,374	1,000+
Type	Single Engine 4-Seat Fixed Gear	Single Engine 4-Seat Fixed Gear	Single Engine 4-Seat Fixed Gear	Single Engine 4-Seat Fixed Gear	Single Engine 4-Seat Fixed Gear	Single Engine 4-Seat Fixed Gear	Single Engine 4-Seat Fixed Gear	Single Engine 4-Seat Fixed Gear	Single Engine 4-Seat Fixed Gear	Single Engine 4-Seat Fixed Gear
Wingspan	31'5"	31'5"	32'9"	32'7"	35'10"	35'7"	30'0"	35'0"	35'0"	32'0"
Length	22'0"	22'0"	25'9"	25'1"	26'1"	27'0"	23'3"	23'8"	23'10"	25'2"
Height	8'0"	8'0"	8'3"	8'2"	8'10"	9'1"	7'3"	7'3"	7'4"	9'11"
Empty Weight	1,271lbs	1,286lbs	1,414lbs	1,325lbs	1,335lbs	1,440lbs	1,237lbs	1,336lbs	1,344lbs	1,426lbs
Gross Weight	2,200lbs	2,200lbs	2,150lbs	2,400lbs	2,300lbs	2,500lbs	2,150lbs	2,325lbs	2,325lbs	2,337lbs
Useful Load w/Std Useable Fuel	707lbs	692lbs	424lbs	715lbs	713lbs	772lbs	697lbs	707lbs	699lbs	670lbs
Engine(s)	Lycoming O-320-E2G 150hp @ 2,700 rpm	Lycoming O-320-E2G 150hp @ 2,700 rpm	Lycoming O-320-E2C 150hp @ 2,700 rpm	Continental IO-346-A 165hp @ 2,700 rpm	Lycoming O-320-E2D 150hp @ 2,700 rpm	Lycoming O-320-E2D 150hp @ 2700 rpm	Lycoming O-320-E2A 150hp @ 2700 rpm	Lycoming O-320-E2D 150hp @ 2700 rpm	Lycoming O-320-D3G 160hp @ 2700 rpm	Lycoming O-320-D2A 160hp @ 2700 rpm
TBO	2,400 hrs	2,000 hrs	2,000 hrs	1,500 hrs	2,000 hrs	2,000 hrs	2,000 hrs	2,000 hrs	2,000 hrs	2,000 hrs
Useable Fuel (Std)	37 US gal	37 US gal	52 US gal	60 US gal	42 US gal	49 US gal	36 US gal	48 US gal	48 US gal	40.2 US gal
Useable Fuel (Max)	37 US gal	51 US gal	57 US gal	60 US gal	52 US gal	49 US gal	50 US gal	48 US gal	48 US gal	40.2 US gal
Takeoff Gnd Roll	880'	880'	1,030'	990'	865'	845'	800'	1,065'	975'	
Takeoff Over 50'	1,600'	1,600'	1,635'	1,460'	1,525'	1,575'	1,700'	1,760'	1,490'	1,706'
Rate Of Climb	660 fpm	660 fpm	680 fpm	880 fpm	645 fpm	760 fpm	660 fpm	649 fpm	710 fpm	665 fpm
Landing Over 50'	1,100'	1,100'	1,693'	1,260'	1,250'	1,220'	1,080'	1,115'	1,115'	1,378'
Landing Gnd Roll	380'	380'	824'	640'	520'	435'	535'	595'	595'	
Stall Speed (Vso)	50 kts	53 kts	50 kts	50 kts	44 kts	49 kts	48 kts	44 kts	44 kts	
Max Speed	130 kts 1975 = 136 kts	136 kts	110 kts	127 kts	122 kts	130 kts	123 kts	117 kts	126 kts	107 kts
Cruise Speed (75%)	122 kts 1975 = 128 kts	128 kts	107 kts	120 kts	115 kts	120 kts	117 kts	110 kts	122 kts	105 kts
Cruise Altitude	9,000'	8,500'					7,000'			6,000'
Cruise Range (w/45min Reserve)	430 nm	657 nm					630 nm			476 nm
Service Ceiling	12,650'	12,650'	11,650'	11,870'	13,100'	15,800'	14,300'	12,700'	13,000'	11,000'
Wing Loading	15.7 lbs/sqft	15.7 lbs/sqft					13.4lbs/sqft			
Power Loading	14.7 lbs/bhp	14.7 lbs/bhp					14.3lbs/bhp			
Propeller(s) Diameter/Pitch Type	McCauley 73/59 Fixed Pitch	McCauley 73/59 Fixed Pitch	Fixed Pitch	Fixed Pitch	Fixed Pitch	Fixed Pitch	Sensenich 74/58 Fixed Pitch	Fixed Pitch	Fixed Pitch	Sensenich Fixed Pitch