

1974 ROCKWELL AERO COMMANDER 112A	
SPECIFICATIONS	
Powerplant	Lycoming IO-360-C1D6
Recommended TBO	2,000 hr
Propeller	Hartzell two-blade, constant-speed, 76-in dia
Length	24 ft 10 in
Height	8 ft 5 in
Wingspan	32 ft 9 in
Wing area	152 sq ft
Wing loading	16.8 lb/sq ft
Power loading	13.25 lb/hp
Seats	4
Cabin length	6 ft 3 in
Cabin width	3 ft 11 in
Cabin height	4 ft 1 in
Empty weight	1,691 lb
Empty weight, as tested	1,949 lb
Maximum ramp weight	2,660 lb
Useful load	969 lb
Useful load, as tested	711 lb
Payload w/full fuel (68 gal)	561 lb
Payload w/full fuel, as tested	327 lb
Maximum takeoff weight	2,650 lb
Maximum landing weight	2,550 lb
Fuel capacity, std	50 gal (48 gal usable)
	300 lb (288 lb usable)
Fuel capacity, opt	70 gal (68 gal usable)
	420 lb (408 lb usable)
Oil capacity	8 qt
Baggage capacity	200 lb, 21 cu ft

PERFORMANCE (NORMALLY ASPIRATED 112A)	
Takeoff distance, ground roll	1,190 ft
Takeoff distance over 50-ft obstacle	1,585 ft
Max demonstrated crosswind component	19 kt
Rate of climb, sea level	1,020 fpm
Cruise speed/endurance w/45-min rsv, opt fuel (fuel consumption)	
@ 75% power, best power	136 kt/4.7 hr
6,000 ft	(75 pph/12.5 gph)
@ 65% power, best economy	128 kt/5.3 hr
6,000 ft	(67 pph/11.2 gph)
@ 55% power, best economy	118 kt/6.0 hr
6,000 ft	(60 pph/10 gph)
Service ceiling	13,900 ft
Landing distance over 50-ft obstacle	1,310 ft
Landing distance, ground roll	700 ft
LIMITING AND RECOMMENDED AIRSPEEDS	
VX (best angle of climb)	71 KIAS
VY (best rate of climb)	85 KIAS
VA (design maneuvering)	113 KIAS
VFE (max flap extended) 0-20 degrees	130 KIAS
VLE (max gear extended)	130 KIAS
VLO (max gear operating)	130 KIAS
VNO (max structural cruising)	143 KIAS
VNE (never exceed)	180 KIAS
VR (rotation)	65 KIAS
VS1 (stall, clean)	62 KIAS
VSO (stall, in landing configuration)	52 KIAS
All specifications are based on manufacturer's calculations. All performance figures are based on standard day, standard atmosphere, sea level, gross weight conditions unless otherwise noted.	



Rockwell Commander 112

STANDARD DATA: (112) Seats 4. Gross wt. 2,800. Empty wt. 1,173. Fuel capacity 48-68. Engine 200-hp Lycoming.

PERFORMANCE: Top mph 173. Cruise mph 163. Stall mph 62. Initial climb rate 1,020. Range 592-880. Ceiling 13,900. Takeoff distance (50') 1,585. Landing distance (50') 1,310.



Rockwell Alpine Commander

STANDARD DATA: (112TC) Seats 4. Gross wt. 2,950. Empty wt. 1,834. Fuel capacity 48-68. Engine 210-hp turbocharged Lycoming.

PERFORMANCE: Top mph 195. Cruise mph 181. Stall mph 58. Initial climb rate 1,023. Range 510-823. Ceiling 20,000. Takeoff distance (50') 1,780. Landing distance (50') 1,221.



Rockwell Gran Turismo Commander

STANDARD DATA: (Alpine) Seats 4. Gross wt. 2,950. Empty wt. 2,035. Fuel capacity 48-68. Engine 210-hp turbocharged Lycoming.

PERFORMANCE: Top mph 197. Cruise mph 188. Stall mph 62. Initial climb rate 914. Ceiling 20,000. Range 529-764. Takeoff distance (50') 1,750. Landing distance (50') 1,275.

STANDARD DATA: (Gran Turismo) Seats 4. Gross wt. 3,272. Empty wt. 2,070. Fuel capacity 68. Engine 260-hp Lycoming.

PERFORMANCE: Top mph 191. Cruise mph 181. Stall mph 62. Initial climb rate 1,030. Ceiling 16,500. Range 722. Takeoff distance (50') 2,150. Landing distance (50') 1,200.