

N4327N

1984 Seneca III

Day/night VFR/IFR, IFR GPS, three-axis autopilot

V-SPEEDS

Vso	64 knots	Power off stall/full flaps
Vs1	67 knots	Power off stall/no flaps
Vmc	66 knots	S.E. Min. Control Speed
Vr	79 knots	Takeoff rotation
Vx	76 knots	Best angle of climb
Vy	92 knots	Best rate of climb
Vxse	78 knots	Best S.E. angle of climb
Vyse	92 knots	Best S.E. rate of climb
Vsse	85 knots	Safe Single Engine Speed
Vfapp	140 knots	Approach (10°) flaps
Vf	122 knots	Approach (25°) flaps
Vfe	115 knots	Landing (40°) flaps
Vlo/e	130 knots	Max gear extension(ed)
Vlo	108 knots	Max gear retraction
Va	140 knots	Maneuvering speed (4750#)
Vno	166 knots	Maximum structural cruise
Vne	205 knots	Never exceed
Best glide speed	92-105 knots	
Cruise climb	120 knots	

LANDING

Downwind:	Power	17-22"/2400 RPM
	Flaps	APP (140 kts)
	Gear	DOWN (130 kts)
	Airspeed	110-120 knots
Base:	Flaps	25° (122 kts)
	Airspeed	100-110 knots
Final:	Flaps	40° (115 kts)
	Airspeed	92-100 knots
Touchdown:	Power	Reduce to Idle during flair

MAX DEMONSTRATED CROSSWIND

17 knots

ENGINE

Continental TSIO-360KB/LTSIO-360KB
220 Horsepower @ *40"/2800 RPM (5 min.)
200 Horsepower @ *40"/2600 RPM (MCP)
6-cylinder, turbocharged, fuel injected, opposed
Oil capacity: 8 quarts/6 quarts minimum
Average fuel burn: 12.5 GPH per Engine
McCaughey 3-blade Propellers
*Reference Intercooler Chart

FUEL SYSTEM

Total capacity: 128 gal./64 per tank
Usable fuel: 123 gal./61.5 per tank
Fuel grade: 100/100LL

ELECTRICAL SYSTEM

Alternator 14-volt/65-amp
Battery 12-volt/35-amp hour

AUTOPILOT

Cruise Alt. Loss = .400' (Min. 800')
Appr. Alt. Loss = 50'
ILS = 50'
Other = MDA-50'
Max. (Flaps/25°, Speed/200 kts, Alt./24K)

WEIGHT

Empty Weight ~~3459~~ lbs 3491
Zero Fuel Wt. 4470 lbs
Ramp Weight 4773 lbs
Takeoff Weight 4750 lbs
Landing Weight 4513 lbs
Useful Load ~~1314~~ lbs 259
Forward Bag. 100 lbs
Rear Bag. 100 lbs

Tire Pressures: Main – 55 psi, Nose – 40 psi