



"Serving to Serve Again"

O-470 / O-550-FTS Comparison

	Cessna 182Q O-470	Texas Skyways 182 (285 hp) O-550-F/TS
Cruise Speed (knots)	144	162
Stall Speed (knots)	50	50
Fuel Burn, 65% Cruise (gph)	11.1	12.5
Climb Rate (fpm)	1010	1600
Service Ceiling (ft)	16,500	22,000
Takeoff Roll (ft)	705	400
Landing Roll (ft)	600	600
Useful Load (lbs)	1197	1175
Power Loading (lbs/hp)	12.8	10.35
Wing Loading (lbs/sq ft)	16.9	16.95
Engine Horsepower	230	285
Propeller	CS, 2 blade	CS, 3 blade
Landing Gear	Tri/Fixed	Tri/Fixed
Useful Fuel (gals)	88	88
Seating Capacity	4	4

Performance

Cruise speed at 6500 ft. (kts) Max range (w. reserve) (88 gal.) (nm):

	SPEED
75% power:	162
65% power:	159
55% power:	148

Fuel Consumption (gph):

75% power:	15
65% power:	13
55% power:	11

Estimated endurance (65%) (1-hr. reserve)

(Hrs.): 5.76	Service ceiling (ft.):	22,000
V _s (kts): 50	Takeoff ground roll (ft.):	400
V _{so} (kts): 45	Landing ground roll (ft.):	600
Best rate of climb (fpm): 1600	Max Level speed (knots):	170