



“Serving to Serve Again”

**Performance Comparison of Cessna 182Q
With 230 HP and 280 HP Engines**

Specs	Cessna 182Q	Texas Skyways 182 (280HP)
Cruise Speed (knots)	144	157
Stall Speed (knots)	50	50
Fuel Burn, 65% Cruise (gph)	11.1	12.5
Climb Rate (fpm)	1010	1450
Service Ceiling (ft)	16,500	20,000
Takeoff Roll (ft)	705	450
Landing Roll (ft)	600	600
Useful Load (lbs)	1197	1175
Power Loading (lbs/hp)	12.8	10.54
Wing Loading (lbs/sq ft)	16.9	16.95
Engine Horsepower	230	280
Propeller	CS, 2 blade	CS, 2 – 3 blade
Landing Gear	Tri/Fixed	Tri/Fixed
Useful Fuel (gals)	88	88
Seating Capacity	4	4

Performance

Cruise Speed at 6500 ft. (kts)		Fuel Consumption (gph)	
	Speed		
75% power	162	75% power	15
65% power	159	65% power	13
55% power	148	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