

	Safari 400	RotorWay Talon	Robinson R22
Cost (kit/flight ready)	\$133,400/\$168,800	\$97,700	\$266,450
Operating Costs/hr wet	\$92.21		\$121.39
Licensing Requirements	PPL	PPL	PPL
Additional License Add-on	No	No	Yes
Powerplant	Lycoming O-360	RI 600N	Lycoming O-360
Horsepower	180	147	180 derated to 145
Certified Aircraft Engine	Yes	No	Yes
Seats	2	2	2
Gross Weight	1650 lbs	1,500 lbs	1,370 lbs
Empty Weight	1,000 lbs	965 lbs	855 lbs
Useful Load	650 lbs	535 lbs	515 lbs
Fuel Capacity	28 gallons	17 gallons	19.2 gallons
Rate of Climb	1,000 fpm	1,000 fpm	1,000 fpm
IGE	7,000 ft	6,000 ft	9,400 ft
OGE	5,000 ft	4,000 ft	
Service Ceiling	10,000 ft	10,000 ft	14,000 ft
Max. Fuel Range	2.5 hours	2 hours	200 miles
Cruise Speed	85 mph	100 mph	110 mph
Max Speed	100 mph	115 mph	118 mph
Main Rotor Diameter	26 ft 4 in	25 ft	
Tail Rotor Diameter	4 ft	50 1/4 inches	
Total Length	30 ft 5 inches	29 feet 6 inches	
Main Rotor Head	semi-rigid	semi-rigid	semi-rigid
Teetering Pins	1	1	1
Spindle Coning Angle	2 degrees	0 degrees	2 coning hinges
Drive System	Direct Drive Gears	Cog Belts	V-Belts
Clutch System	Centrifugal	Manual	Manual
Blades	Composite	Aluminum	Aluminum
Frame	4130 Tig Welded Chromoly	4130/Aluminum	4130 Chromoly
Governor Included	Yes	No	Yes
Electric Trim Included	Yes	No	No
Collective Friction Included	Yes	Yes	No
TBO Engine	2000 hours	1000 hours	2000 hours
Blade Replacement Time	1000 hours	1500 hours	
Blade Replacement Cost	Set \$8,800	Set \$10,000	Set \$30,000
Airframe Replacement	n/a	2000 hours	
Tailboom Replacement	n/a	2000 hours	
Tailrotor Assembly Repl.	Overhaul 2000 hours	Replace 1000 hours	
Tailrotor Blade Replacement	Inspect at 2000 hours	Replace 500 hours	