

Weight (lbs)	R44 I	R44 II
Max Gross	2400	2500
Min Gross	1550	1600
Max per seat	300	
Max in any baggage hold	50	

Fuel	Total	Usable
USG (L)		
Main	30.5(115)	29.5(112)
Aux	17.2(65)	17(64)
Total	47.7(180)	46.5(176)

V Speeds (up to 3000 DA)	Kts
Vne (<2200lbs)	130
Vne (>2200lbs)	120
Vne Autorotation	100
Vne Door off	100
Vne at MCP	100
Vy	55
Avoiding curve	45 to 400'
V Autorotation	
Datum	70
Range	90
Extended Range	90 at 90% RRPM
Constant attitude	35
Low airspeed	<35
Non-Normals	
Loss of tail rotor	70

Oil	
Max	9 QT
Min	7 QT

Fuel burn (USG/hr)	
R44 I	R44 II
16	18

Starter	
Crank	5-7 sec
After 3 attempts	Wait 10 mins

Maximum Ceiling	
Density	14,000'
Operating	9000' AGL

Max demo wind in a hover
17 kts* up to 9800' DA

Warning lights	
Low fuel	3USG/5 mins remain
ALT	30 mins BAT PWR

RRPM %	
Upper red line	108
Green arc	90 – 108
Lower red line	90

ENG RPM%	R44 I	R44 II
Upper red line	102	102
Green arc	99-102	101-102
Lower red line	99	101

*Not a limitation. However, when wind reaches 25kts, insufficient pedal movement available to complete a 360 degrees pedal turn.