

# Bell 407

2013 NEW

**FOR SALE**



## Specification Summary (Metric Units)

WEIGHTS	KG
Standard Configuration Weight (Note 1)	1214
Internal Gross Weight [Normal / Optional] (Note 2)	2268/2381*
External Load Gross Weight	2722
Useful Load [Gross Wt• Standard Configuration Wt] {Normal / Optional} (Note 2) 1058/1171*	
Maximum External Load [Cargo Hook Limit]	1200

Performance Summary (International Standard Day except as noted)						
Takeoff gross weight		KG	1814	2041	2268	2381
IGE Hovering Ceiling	ISA	m	5852	4755	3718	1646*
(1.4 M Skid Height)	ISA+20C	m	4755	3566	2408	960*
	ISA+30C	m	4039	2697	1402	625*
OGE Hovering Ceiling	ISA	m	5364	4221	3185	1646*
	ISA+20C	m	4206	2941	1753	960*
	ISA+30C	m	3368	1981	564	(2358kg @ SL)*
Service Ceiling @ MCP	ISA	m	6096+	6096+	5364	4892
(0.5 m/s)	ISA+20C	m	6096+	5410	4359	3856
Cruise at Long Range Cruise Speed (LRC)						
Range {standard fuel}	SL,ISA	km	634	623	612	604
LRC Speed		km/h	222	222	224	224
Range {standard fuel}	1200m, ISA	km	710	695	675	661
LRC Speed		km/h	219	222	222	222
Maximum Cruise Speed	SL,ISA	km/h	250	250	246	244
@ Takeoff Gross Weight	SL,ISA+20C	km/h	241	239	234	231
	1200m, ISA	km/h	259	256	250	246
	1200m, ISA+20C	km/h	246	241	234	228
Endurance @ Loiter 111 km/h	SL,ISA	hr	4.0	3.9	3.8	3.7
	1200m, ISA	hr	4.5	4.4	4.2	4.1

ENGINE RATING:		
Rolls-Royce 250-C47B with Full Authority Digital Electronic Control:		
Takeoff Horsepower (Uninstalled Thermodynamic Capability) kW606		
(Mechanical Limit)	kW	503
Maximum Continuous (Uninstalled Thermodynamic Capability) kW523		
(Mechanical Limit)	kW	470
TRANSMISSION RATING (Engine Output):		
Takeoff Horsepower (5 minutes)	kW	503
Maximum Continuous	kW	470
FUEL CAPACITY (Usable):		
Standard		484 Liters
Auxiliary (Optional)		72 Liters

\* Refer to demonstrated takeoff and landing and maximum operating altitude notes on the performance charts

Note 1: The Standard Configuration Weight includes 7-place upholstered interior with individual seat belts, carpeting, and soundproofing material. Ballast is not included since it is a function of installed optional equipment. 13 pounds of oil is included.

Note 2: Operation at Internal Gross Weight above 5000 pounds / 2381 Kilograms requires the Optional Increased Internal Gross Weight Kit