

Bell 429

2013 NEW

FOR SALE



Specification Summary (Metric Units)

Weight	KG	Weight	KG
Empty Weight (Std.Config.) ¹	2,035 kg	Max Gross Weight (Internal)	3,175 kg
Useful Load (Internal, Std Config.)	1,140 kg	Max Gross Weight (External Load)	3,402 kg
Minimum Empty Weight (SPIFR) ²	1,926 kg	Cargo Hook Capacity	1,361 kg
Max Useful Load (Internal, SPIFR)	1,249 kg		

Performance Summary:							
Takeoff, Gross Weight		KG	2495	2722	2948	3175	
IGE Hovering Ceiling	ISA	m	6096+	5662	4969	4307	
	ISA+20	m	5477	4720	3993	3304	
OGE Hovering Ceiling	ISA	m	5605	4843	4125	3439	
	ISA+20	m	4678	3884	3135	2427	
Service Ceiling (MCP) - AEO	ISA	m	6096+	6096+	6096+	5704	
	(30 minute) - OEI	ISA	m	5087	4331	3618	2935
	(continuous) - OEI	ISA	m	4776	4009	3270	2573
Maximum Cruise Speed (true airspeed)	SL, ISA	km/hr	285	283	281	278	
	SL, ISA+20C	km/hr	285	283	280	276	
	1220 m, ISA	km/hr	287+	287+	287+	287	
	1220 m, ISA+20C	km/hr	283	280	276	269	
Cruise at Long Range Cruise (LRC) Speed Range (standard fuel, no reserve)	SL, ISA	km	456	696	700	682	
		km/hr	237	237	239	241	
Range (standard fuel, no reserve)	1220 m, ISA	km	502	765	767	754	
		km/hr	237	239	241	239	
Endurance at Loiter Speed (111 km/hr)	SL, ISA	hr	2.8	4.2	4.2	4.0	
	1220 m, ISA	hr	3.0	4.6	4.5	4.4	

Engine Ratings: (100% RPM)		Uninstalled Thermodynamic Power	Engine Rated Power
Pratt & Whitney Canada PW207D1 with Full Authority Digital Electronic Control (FADEC)			
Takeoff (5 minutes)	kW	2 x 536	2 x 446
Max Continuous Power	kW	2 x 473	2 x 437
OEI (30 seconds)	kW	1 x 616	1 x 544
OEI (2 minutes)	kW	1 x 585	1 x 523
OEI (30 minutes)	kW	1 x 561	1 x 494
OEI (continuous)	kW	1 x 536	1 x 488

Transmission Ratings: (100% RPM)	
Takeoff (5-minute)	kW 820
Max Continuous	kW 820
OEI (30 seconds)	kW 544
OEI (2 minutes)	kW 485
OEI (30 seconds & continuous)	kW 410
Fuel Capacity (usable):	
Standard	821.1 Liters
Auxiliary (optional)	148.4 Liters

- Note 1** Standard Configuration includes all items listed in the Standard Configuration section of this document as well as well as 11 kilograms of engine oil. Ballast is not included in the standard configuration (ballast is a function of installed equipment). Also, see Note 1 on page 15.
- Note 2** See Note 2 on page 15.