



BELL 505



EXPERIENCE THE WORLD IN NEW WAYS





**Flying a Bell 505 is the closest you can be to
having absolute freedom.**

Cyrus Sigari
Bell 505 Pilot and Owner



**Bell NC-1H, the World's first
commercially certified
helicopter, father of the
Bell 47 series, with Floyd Carlson
demonstrating its stability**

Circa 1943





HISTORY

Thinking above and beyond is what we do. For more than 85 years, we've been reimagining the experience of flight — and where it can take us.

We are pioneers. We were the first to break the sound barrier and to certify a commercial helicopter. We were a part of NASA's first lunar mission and introduced tiltrotor systems to the world. Today, we're elevating the commercial helicopter market with advanced aircraft and technology.

Above all, our breakthrough innovations deliver exceptional experiences to our customers. Efficiently. Reliably. And always, with safety at the forefront.



RADIO CALL

GARMIN

NAV 1 109.90 ↔ 113.00

POD GS ——— KT DTK ———° TRK ———° ETE ———

118.200 ↔ 135.150

C 16 M

ENG

T 62

XMSN

T 58

GEN

A 0

V 26.3

FUEL

PPH 0

TOT 185

LBS

Station vs Weight

Longitudinal

Aircraft Load

COPLT 220.0

PILOT 190.0

PSNGR1 200.0

PSNGR2 0.0

PSNGR3 220.0

BAGS 0.0

Aircraft Weight and Balance

Basic Empty Weight 2275.0

Hook Weight 0.0

Zero Fuel Weight 3105.0

Current Weight ———

Fuel on Board 188.0

LAT Station ———

Ramp Weight ———

LONG Station ———

Takeoff Weight ———

Estimated Weight ———

Est Landing Weight ———

Fuel Reserves 70.0

Excess Fuel ———

Press FOB Sync or enter Fuel on Board to confirm fuel.

Engine

Graph

Hook WT

FOB Sync

Config

Confirm

Checklist

THIS AIRCRAFT IS APPROVED FOR



WELCOME TO THE BELL 505

Experience the most advanced, dynamic helicopter in its class. Designed by a collaborative team of pilots, maintainers and operators from around the world to deliver an unprecedented customer experience, the Bell 505 combines the latest avionics and engine power with world-renowned reliability, built over decades of success. Discover the world around you and the power of flight like never before. Whether taking the controls or watching from the passenger seat, enjoy a thrilling ride that can take you from white sand beaches to snow covered mountain peaks. Wherever you want to go, the Bell 505 is prepared to take you there at a moments notice.



Many of the places we're going are hard to reach — if there's a breakdown, we're stuck for a while. We have confidence in this machine to get us in and out of; fishing, hiking, swimming, adventures with the kids, as well as camping trips and explorations throughout the Coast Mountains. We always have a couple of fishing rods or outdoor gear in the back. [The Bell 505] has lots of room, and lots of flexibility. We live in an amazing place to be able to do this sort of thing. It's a privilege.

David Sprague
Bell 505 Pilot and Owner









BEYOND THE EVERYDAY

Discover the ultimate off-road vehicle. Access the places thought previously unreachable or even untouched. Hiking, fishing, skiing, biking, camping, golfing or just an afternoon picnic are made more exhilarating when you fly in a Bell 505. Set your aircraft atop a sand bar for the day or in a desert vista for the night; the choices are endless when your need for an airport is eliminated. The large cabin easily reconfigures to bring the active or leisure gear you need, from tents and bicycles to fishing rods and everything in between. Make new memories and break the bonds of city streets while journeying beyond the everyday adventure.



It seems like everywhere we went we always chartered a helicopter to get into the back country to see what we wanted to see — it was just a natural progression to acquire a helicopter so we could see the nation and enjoy the areas that were hard to reach. A lot of people call it a time machine and I'll have to agree. To hop off an airplane then into a helicopter and 15 minutes later be in a location that would otherwise take you a day, it's a pretty awesome experience — a great way to connect with nature very quickly.

Rusty Robinson

Bell 505 Pilot and Owner







TIME IS OF THE ESSENCE

When no runway is required, head directly to your destination. Say goodbye to long drives from the airport and hello to stepping out of your aircraft and right into your mountainside cabin, forest campsite or beach front villa. Helicopters eliminate crowded terminals and lengthy ground transportation with their unique ability to land almost anywhere, ultimately delivering a much better vacation experience. Soar over crowded city streets or twisting mountain roads on your way to relaxation, and experience the best private, luxury transportation for you and your passengers.





The cabin in the 505 is much more friendly for passengers; there's no question that they love it. The passengers feel much more involved and connected with no wall in the cockpit and their visibility is way better. The theater seating with higher seats is great. My kids love sitting in the back. They have lots of room, and they hook up the headsets to their tablets and just chill.

Neil Mclean

Bell 505 Pilot and Owner









EXPERIENCE THE WORLD TOGETHER

One of the greatest joys of flight is experiencing it with someone else. Seeing the world together, unrestricted by physical boundaries, lets you observe the natural beauty in ways you never thought possible — in turn, making memories that are unforgettable. Each passenger is treated to panoramic views with the Bell 505's unique stadium seating design ensuring each flight is more exciting than the last. After all, nothing comes close to cruising 500 feet above the ground in a Bell 505.

TECHNICAL SPECIFICATIONS

	Imperial	Metric
Empty Weight	2,180 lb	989 kg
Internal Gross Weight	3,680 lb	1,669 kg
Useful Load	1,500 lb	680 kg
External Gross Weight	4,475 lb	2,030 kg
Hover Ceiling (In Ground Effect) ¹	14,450 ft	4,404 m
Hover Ceiling (Out of Ground Effect) ¹	10,460 ft	3,188 m
Service Ceiling ¹	18,610 ft	5,672 m
Max Cruise Speed ¹	125 knots	231 km/hr
Range (Cruise Speed, No Reserves) ¹	306 nm	566 km
Endurance (60 kts, No Reserves) ¹	3.9 hours	3.9 hours
Fuel Capacity (Jet A)	84.85 USG	321 L
Total Cabin Volume ²	99 ft ³	2.8 m ³
Rear Cabin Volume	61 ft ³	1.73 m ³
Copilot Volume	38 ft ³	1.08 m ³
Baggage Compartment Volume	18 ft ³	.51 m ³

Equipment

Engine	Safran HE Arrius 2R	
Type	Gas Turbine	
Takeoff Horsepower ³	505 SHP	377 kW
Maximum Continuous Horsepower ³	459 SHP	342 kW
Engine Control	Full Authority Digital Engine Control (FADEC)	

¹ Sea Level, ISA, Max Gross Weight

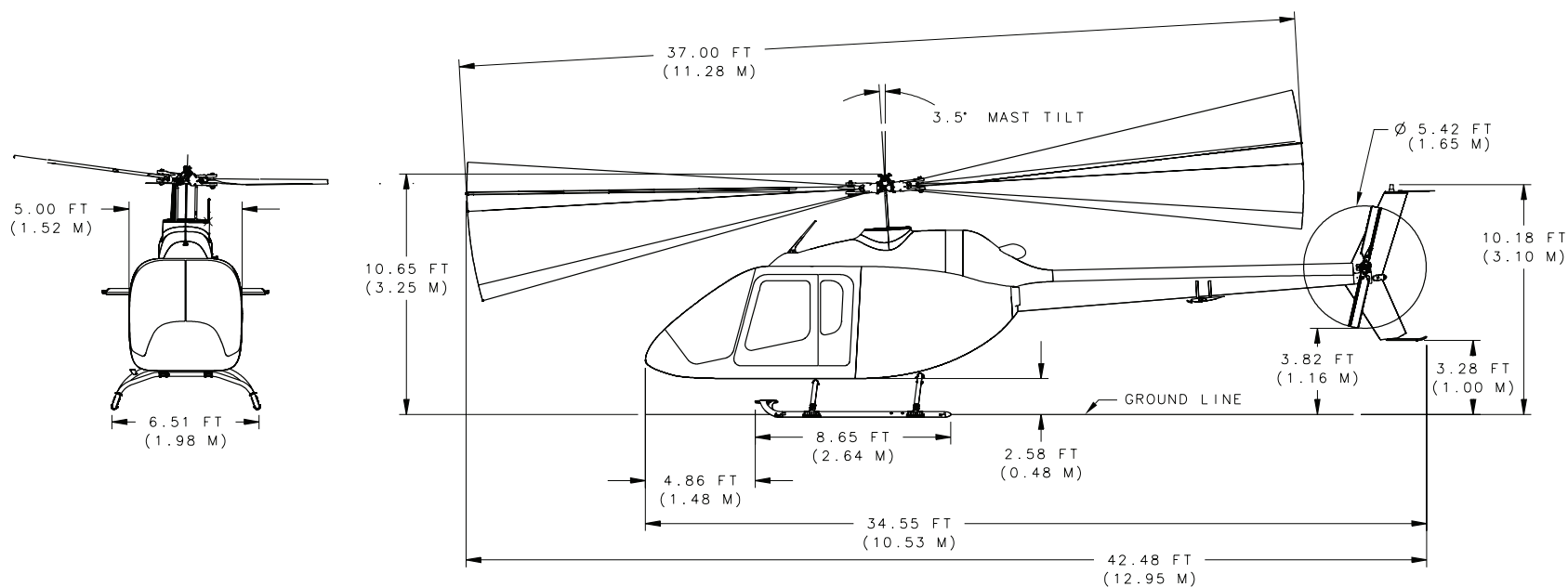
² Excluding Pilot Volume

³ Uninstalled Thermodynamic Rating

EXTERNAL PAINT SCHEMES



Avionics	Garmin G1000H NXi Integrated Avionics Suite
Display	GDU 1050H 10.4 inch/26.4 cm High Resolution LED Displays
Navigation	WAAS GPS based Moving Map with Integrated Sectional Charts, IFR Low, IFR High, Helicopter Route Charts, and Airport Facility Diagrams
Transponder	Mode S Transponder with Extended Squitter (ES), ADS-B Out and Optional ADS-B In
Communication	GMA 350Hc Audio Panel with Bluetooth
Situational Awareness	Standard Traffic Information System (TIS-B) and Moving Map with Obstacles and Terrain Optional FIS-B Weather, Synthetic Vision, Helicopter Terrain Awareness Warning System (HTAWS), and Traffic Advisory
Engine Instrument and Crew Alert System (EICAS)	Integrated engine display using Bell patented Power Situation Indicator (PSI) and visual and aural crew alert system on Primary and Multifunction Displays
Optional Autopilot	Two and Three Axis Autopilot Available





It's probably everyone's dream to fly and, if you're going to fly, there isn't a fixed wing pilot out there that wouldn't admit they want to or would love to fly helicopters.

Mark Taylor

Bell 505 Pilot and Owner





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