



1999 Bell 206B-3 JetRanger-III

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1999 Bell 206B-3 JetRanger-III, N76TL, SN 4523

Only 1530 hours total time, one of the lowest time, nicest JetRangers available today!

Recent Hot Section (50 hrs ago), New 4-year T-T Straps (due 9/27), Recent Annual (9/23), Van Horn Tail Rotor Blades (4764 hrs remaining).

Attractive low time aircraft, corporate background, good component times remaining, no major maintenance due, all AD's and mandatory bulletins complied with. Complete records, component/inspection/AD/bulletin status report available, no damage history, excellent condition, ready for immediate delivery.

- **Total Time:** 1530 Hours **Rolls Royce 250-C20J Engine:** 1530 hours (only 50hrs since fresh hot section, not due for 1700 hrs)
- **Interior:** Custom Deluxe Corporate Configuration, 5 Place, Gray leather Seats, Dark Gray Carpet, Flight Manual Pouch
- **Exterior:** Black Major with Gold Accents
- **Empty Weight:** 1935 lbs **Location:** USA, ready for immediate delivery, worldwide delivery options available



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N76TL, S/N: 4523

Avionics:

- Flight Instrument Group (ADI, IVSI, Turn Bank)
- King KCS-55A Slaved Compass Horizontal Situation Indicator HSI
- Aim 250-1BL Directional Gyro
- Diamond J Digital Turbine Outlet Temperature Gauge w/ TOT Test Light
- Multi Function Digital Clock/OAT/Volts
- PS Engineering PMA-7000S Audio Panel
 - Pilot Isolate Feature
 - 5-Place VOX Intercom
 - 5 Single Plug Headset Jacks
- GPS #1 Garmin GNS-430 NAV/COMM/GPS
- GPS #2 Garmin GNS-430 NAV/COMM/GPS
- King KT-76C ADS-B Compliant Transponder
 - Altitude Encoder



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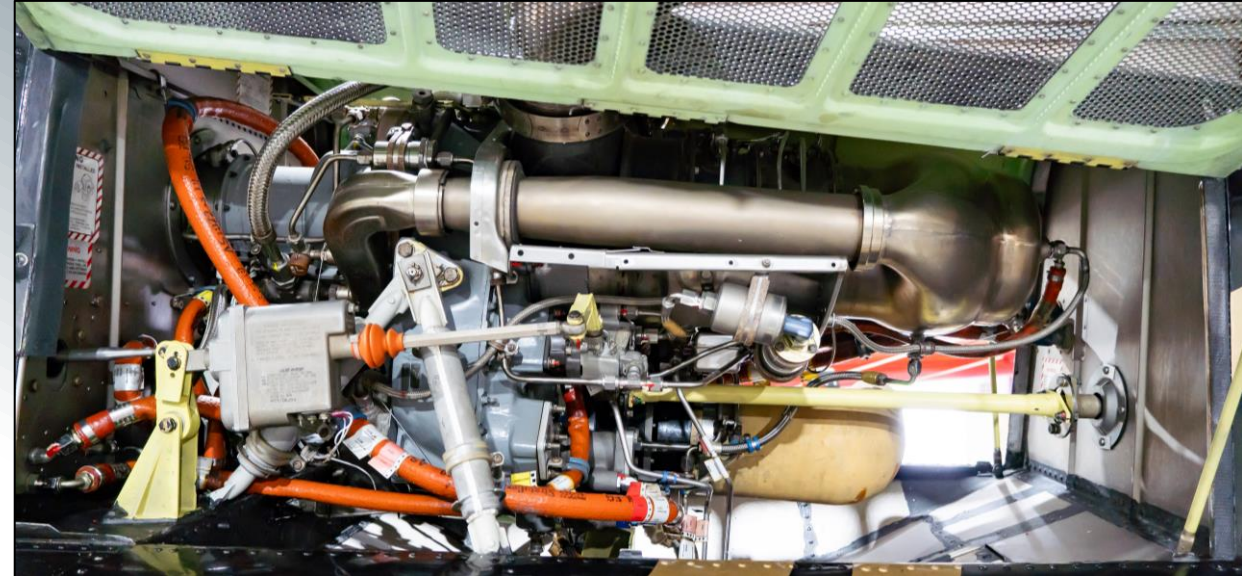
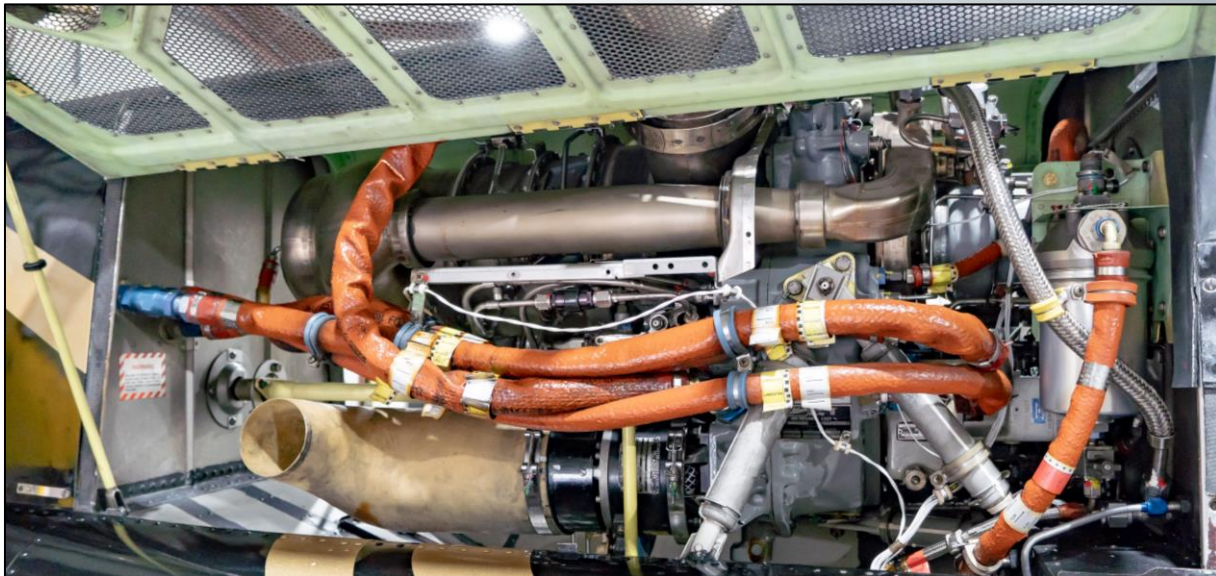
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Optional Accessories

- High skids with Flight Steps
- Dual Controls
- Rotor Brake
- Particle Separator
- Bleed Air Cabin Heater
- Pneumatic Door Openers (5)
- Sound Proofing
- NightScanner – Pilot Controlled Searchlight
- Spacemaker Baggage Extender
- Van Horn Tail Rotor Blades
- K-flex drive shaft
- Floor Protectors
- High Viz Main Rotor Blades
- Wedge Windows, Front & Back, Rubber Mounted
- Preflight Kit w/Folding Maint Steps (left)
- Gill Lead Acid Battery
- Whelen Anticollision Lights
- Headset Hangers - Crew
- USB Power Outlet (Cockpit)
- Inlet Plugs & Covers, Rotor Tiedown
- Ground Handling Wheels









Bell 206B3**STANDARD CONFIGURATION**
*(Items Included In List Price)***AIRFRAME**

Cabin; bonded aluminum honeycomb, and semi-monocoque structure
 Engine mount struts with noise dampers
 Doors, four, hinged forward, dual point latching
 Landing gear, tubular skid type with replaceable skid shoes
 Locks for cabin doors and luggage compartment
 Luggage compartment (16 ft³ [45 M³], 250 lbs [113 Kg]cap), with Composite Door
 Provisions for mooring, jacking and single point lifting
 Tail boom, monocoque structure with vertical fin and fixed elevator
 Tail skid (tail rotor guard)
 Windshield (and Chin Windows), clear plexiglass
 Windows, blue tinted plexiglass with sliding panels in doors, Passenger Cabin "Wedge" Windows
 Three color exterior paint scheme
 Rain gutters

INTERIOR

Standard 5-place interior with soundproofing, carpeting, & data case. Color options available for upholstery & carpet
 5-place shoulder harnesses, dual straps in cockpit, single strap in cabin
 Fire extinguisher, cabin
 First aid kit
 Parcel shelf (behind aft seat)
 Ram air ventilation system

POWERPLANT

Rolls-Royce Model 250-C20J gas turboshaft engine
 Wet spline starter-generator
 Fuel boost pumps (2 canister type) submerged in fuel tanks
 Fuel control, Bendix
 Fuel filter (eliminates PRIST requirements)
 Fuel system, 91 gal. (344 liter) capacity

Oil system, 1.5 gal [5.7 liter] capacity
 Compressor wash provisions

ROTORS & CONTROLS

Main rotor, semi-rigid, two-bladed, see-saw type with precone and underslung feathering axis. All metal blades that are moisture proofed and epoxy encapsulated.
 Flap restraints.

CHOICE of **STANDARD** [black top-white bottom] or **HIGH VISIBILITY** [orange/white top-white bottom] painted rotor blades

Tail rotor; semi-rigid, two-bladed, see-saw type
 Hydraulic boost system (pump and reservoir module)
 Mechanical flight control linkages throughout

TRANSMISSION DRIVE SYSTEM

Focused pylon mounting
 Freewheeling unit (between engine and main transmission)
 Gearbox, tail rotor with 2.3:1 spiral bevel gear reduction
 Hydraulic pump (for boost controls)
 Main transmission 2 stage 15.22:1 planetary reduction
 Oil cooler
 Oil filter with replaceable type cartridge
 Oil pump, constant pressure

FLIGHT & ENGINE INSTRUMENTS

Clock, digital quartz chronometer
 Compass, magnetic
 Dual tachometer (rotor and engine)
 Inclinator
 Indicator, airspeed
 Indicator, altimeter
 Indicator, engine oil pressure/temperature
 Indicator, free air temperature
 Indicator, fuel quantity
 Indicator, fuel pressure/generator load
 Indicator, gas producer speed
 Indicator, torque/meter pressure

Bell 206B3**STANDARD CONFIGURATION (continued)**
*(Items Included In List Price)***FLIGHT & ENGINE INSTRUMENTS (cont.)**

Indicator, transmission oil pressure/temperature
 Indicator, turbine outlet temperature with over temp light
 Hour meter

MONITORING SYSTEM

Caution indication lights
 Baggage door open
 Engine fuel pump inoperative
 Engine failure warning
 Fuel filter by-pass indicator
 Generator failure
 Transmission oil pressure
 Transmission oil temperature
 Chip detectors, magnetic--engine, main transmission, tail rotor gearbox
 Engine out and low rotor RPM warning lights and horn with mute switch
 Battery temperature sensor
 Battery hot
 Freewheeling unit/magnetic plug
 Fuel Low Warning

ELECTRICAL

28 volt DC system
 Battery, 17 amp-hr nickel-cadmium
 External power and grounding receptacles
 Lights:
 Anti-collision strobe
 Cockpit/map
 Instrument
 Landing (two 250 watt)
 Position
 Starter-generator (150 ampere)
 Voltage regulator, Solid State
 28 volt outlet in cabin
 Heated pitot tube

MISCELLANEOUS

Covers, turbine inlet and exhaust pipes
 Cover pitot tube
 Flight bag
 Grounding handling wheels w/lift tube
 Operating manuals;
 Aircraft log book
 Engine log book
 Engine operating manual
 Engine parts manual
 Flight manual
 Illustrated parts catalog
 Maintenance & overhaul manual
 Tie-down assemblies, main rotor and tail rotor

Note: Aircraft subject to prior sale or withdrawal from market. Specifications, times, and prices are subject to change. Some of these descriptions and data are borrowed from Bell's Product Specifications and provided for illustration purposes. Buyer should confirm specifications and information for themselves and consult BHTI maintenance documents for current official information. 230925

Referencing Bell product specifications

Specifications subject to change without notice.



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SPECIFICATION SUMMARY[U. S. Units]

[Serial No. 4584 & Subsequent]

WEIGHTS	LBS
Standard Configuration Weight (<i>Note 1</i>)	1713
Internal Gross Weight [Normal/Optional] (<i>*Note 2</i>)	3200/3350*
External Load Gross Weight	3350
Useful Load (Gross Wt.-Standard Config. Wt.) [Normal/Optional] (<i>*Note 2</i>)	1487/1637*
Maximum External Load (Cargo Hook Limit)	1500

Note 1: Includes twelve (12.0) pounds of engine oil. **Ballast** is not included in standard configuration weight (ballast is a function of installed equipment).

PERFORMANCE SUMMARY: (International Standard Day Except as Noted)

*** REFER TO DEMONSTRATED TAKEOFF & LANDING AND MAXIMUM OPERATING ALTITUDE NOTES ON THE PERFORMANCE CHARTS ***

TAKEOFF GROSS WEIGHT		LBS	2600	3000	3200	3350
IGE Hovering Ceiling	ISA	ft	19,600	15,200	13,200	11,800*
(2 ft skid height)	ISA+20C	ft	16,800	12,300	10,200	8800*
OGE Hovering Ceiling	ISA	ft	14,900	10,300	5300	(3350lbs@SL)*
	ISA+20C	ft	11,800	7200	3000	(3280lbs@SL)*
Certificated Altitude	ISA	ft	20,000	20,000	13,500	13,500*
Service Ceiling (MCP)	ISA	ft	20,000+	18,200	13,500	13,500*
(100 ft/min)						
Sea Level Max R/C (TOP)	ISA	ft/min	1940	1525	1350	1230*
Maximum Allowable IAS	ISA, SL	kn	130	130	122	78*
	ISA, 5000ft	kn	124	124	108	78*
MCP True Airspeed	ISA, SL	kn	121	118	115	77*
@ Takeoff GW	ISA, 5000ft	kn	128	122	115	83*
Range @ LRC speed	ISA, SL	nm	389	382	374	360*
(Avg. GW, Full Fuel)	ISA, 5000ft	nm	452	432	420	403*
Endurance @ Loiter 52 kn	ISA, SL	hr	4.7	4.6	4.5	4.4*
(No Reserve)						

Note 2: Operation at Internal Gross Weight above 3200 pounds requires the Optional STC Increased Internal Gross Weight to 3350 pounds Kit (FMS-37).

ENGINE POWER RATINGS:

(**STANDARD** Rolls-Royce 250-C20J) Uninstalled Mechanical Rating

Takeoff , SHP	420
Maximum Continuous, SHP	370

TRANSMISSION RATINGS:

Takeoff , SHP	317
Maximum Continuous, SHP	270

FUEL:

Type	Aviation Turbine
Capacity (Usable)	91 Gallons

THE DATA SET FORTH ON THIS DOCUMENT ARE GENERAL IN NATURE AND MAY VARY WITH CONDITIONS. FOR PERFORMANCE DATA AND OPERATING LIMITATIONS FOR ANY SPECIFIC FLIGHT MISSION, REFERENCE MUST BE MADE TO THE APPROVED FLIGHT MANUAL.



SPECIFICATION SUMMARY[Metric Units]

[Serial No. 4584 & Subsequent]

WEIGHTS	KG
Standard Configuration Weight (<i>Note 1</i>)	777
Internal Gross Weight [Normal/Optional] (<i>*Note 2</i>)	1451/1519*
External Load Gross Weight	1519
Useful Load (Gross Wt.-Standard Config. Wt.) [Normal/Optional] (<i>*Note 2</i>)	674/742*
Maximum External Load (Cargo Hook Limit)	680

Note 1: Includes 5.4 kilograms of engine oil. **Ballast** is not included in standard configuration weight (ballast is a function of installed equipment).

PERFORMANCE SUMMARY: (International Standard Day Except as Noted)

*** REFER TO DEMONSTRATED TAKEOFF & LANDING AND MAXIMUM OPERATING ALTITUDE NOTES ON THE PERFORMANCE CHARTS ***

TAKEOFF GROSS WEIGHT		KG	1179	1361	1451	1519
IGE Hovering Ceiling	ISA	M	5974	4633	4023	3597*
(0.6 M skid height)	ISA+20C	M	5121	3749	3109	2682*
OGE Hovering Ceiling	ISA	M	4542	3139	1615	(1519Kg@SL)*
	ISA+20C	M	3597	2195	914	(1488Kg@SL)*
Certificated Altitude	ISA	M	6096	6096	4115	4115*
Service Ceiling (MCP)	ISA	M	6096+	5547	4115	4115*
(0.5 M/S)						
Sea Level Max R/C (TOP)	ISA	M/S	9.9	7.7	6.9	6.2*
Maximum Allowable IAS	ISA, SL	km/h	241	241	226	144*
	ISA, 1524M	km/h	230	230	200	144*
MCP True Airspeed	ISA, SL	km/h	224	219	213	143*
@ Takeoff GW	ISA, 1524M	km/h	237	226	213	154*
Range @ LRC Speed	ISA, SL	km	721	708	693	667*
(Avg. GW, Full Fuel)	ISA, 1524M	km	837	800	778	746*
Endurance, @ Loiter 96 km/h	ISA, SL	hr	4.7	4.6	4.5	4.4*
(No Reserve)						

Note 2: Operation at Internal Gross Weight above 1451 Kilograms requires the Optional STC Increased Internal Gross Weight to 1519.5 Kilograms Kit (FMS-37).

ENGINE POWER RATINGS:

(**STANDARD** Rolls-Royce 250-C20J) Uninstalled Mechanical Rating

Takeoff , kW	313
Maximum Continuous, kW	276

TRANSMISSION RATINGS:

Takeoff , kW	236
Maximum Continuous, kW	201

FUEL:

Type	Aviation Turbine
Capacity (Usable)	344 Liters

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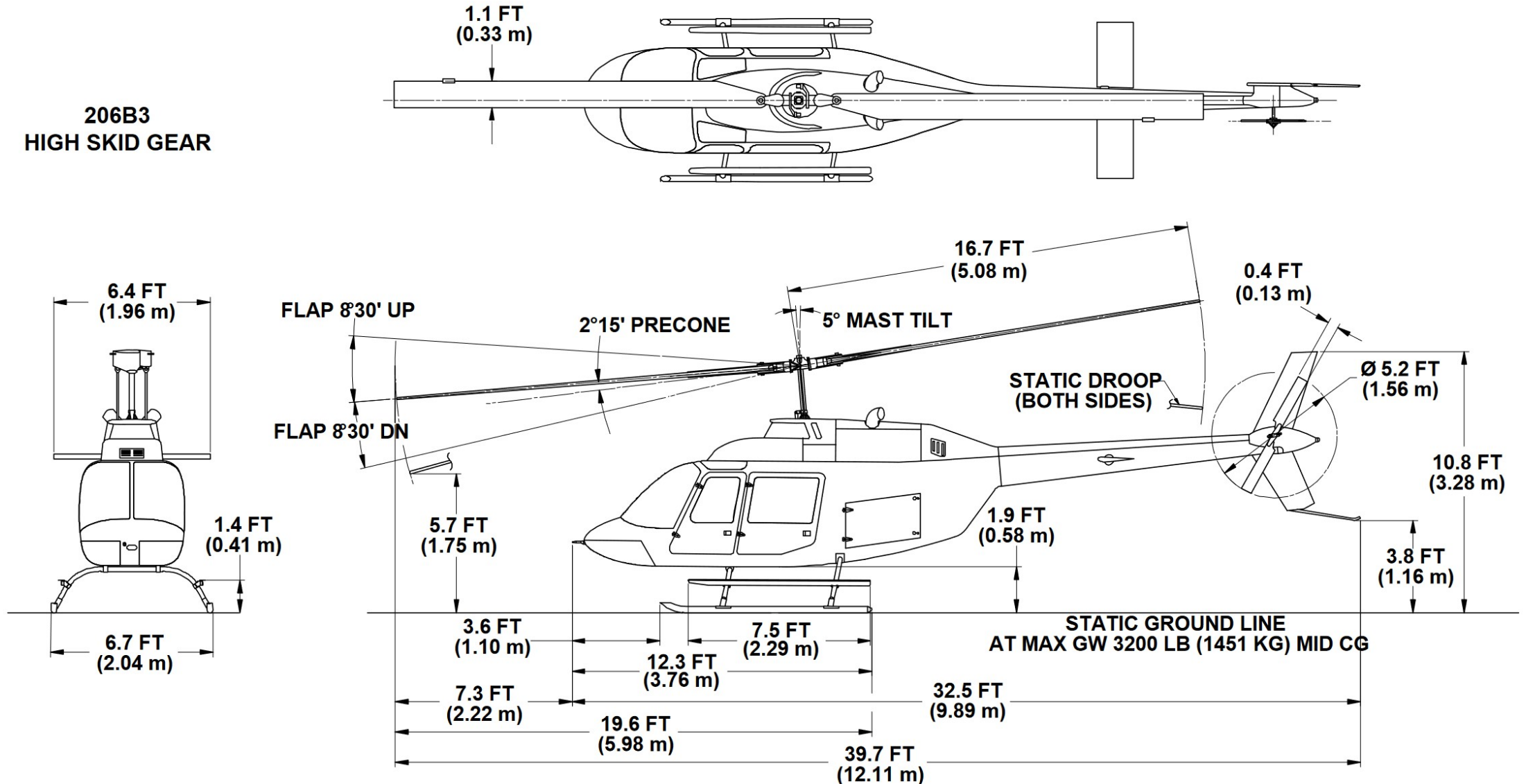


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OPTIONAL HIGH SKID GEAR w/AAI FLIGHTSTEP®

Referencing Bell product specifications

206B3 HIGH SKID GEAR



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