

MICROSOFT FLIGHT SIMULATOR 2002 CHECKLIST

BELL 206 JETRANGER

SPECIFICATIONS

Cruise Speed	115 kts, 132 mph, 213 kph
Engine	Allison 250-C20J 420 shp
Max. Range	435 nm, 500 m, 805 km
Service Ceiling	20,000 ft, 6,096 m
Hovering Ceiling	19,600 ft, 5,974 m
Fuel Capacity	91 U.S. gal, 344 L
Empty Weight	1,640 lbs, 744 kg
Max. Gross Weight	3,200 lbs, 1,451 kg
Max. Gross Weight	3,350 lbs, 1,519 kg (External Loading)
Length	31.2 ft, 9.51 m
Rotor Span	33.3 ft, 10.15 m
Height	11.7 ft, 3.51 m
Seating	Up to 5
Useful Load	1,498 lbs, 679 kg

REFERENCE INFORMATION

FS Full Fuel Weight: 2,700 lbs

VNE - Never Exceed Speed

130 KIAS (<3000 lbs, sea level to 3000' density altitude - decrease 3.5 KIAS per 1000' above 3000'.)

122 KIAS (>3000 lbs, sea level to 3000' density altitude - decrease 7.0 KIAS per 1000' above 3000'.)

Autorotation Maximum Speed:
100 KIAS

Maximum Rate of Climb:
52 KIAS

Autorotation Minimum Descent
Speed: 52 KIAS

Autorotation Maximum Glide
Speed: 69 KIAS 111 KIAS
(10,500 lbs)



Design by Mike "Captain" Holland - <http://flightsimmers.net/va/caphollands/index.html>

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BEFORE TAKEOFF

- Fuel Quantity -- CHECK
- Engine and Transmission Instruments -- CHECK WITHIN LIMITS
- Lights -- AS REQUIRED
- Radios and Avionics -- SET
- Throttle -- FULL OPEN
- Power and Flight Instruments -- SET and CHECK
- Power Turbine (N2) -- SET FOR 100% in flat pitch

TAKEOFF

- Collective Pitch -- INCREASE TO HOVER
- Engine Instruments -- CHECK
- Directional Control -- AS REQUIRED to maintain desired heading
- Cyclic Control -- AS REQUIRED to accelerate smoothly
- Collective -- AS REQUIRED for desired climb rate and airspeed

IN-FLIGHT OPERATIONS

- Airspeed -- AS DESIRED (below 130 KIAS)
- Engine Instruments -- CHECK
- Fuel Quantity -- CHECK
- Altimeter -- SET and CHECK

DESCENT AND LANDING

- Throttle -- FULLY OPEN
- Power Turbine RPM (N2) -- 97-100%
- Flight Path -- AS REQUIRED
- LDG LTS Switch -- ON AS REQUIRED

PILOT'S NOTES

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