

# Cessna Chancellor







## How to travel first class without upsetting your accountant.

Here's first class luxury and world class performance that won't be reflected as such on the books.

Cruising at 224 kts, (258 mph) at 24,000 feet, in quiet, pressurized comfort, your Chancellor can cover 1,265 statute miles on just 206 gallons of fuel.

The Chancellor's remarkable balance of range, speed, comfort and fuel efficiency should come as no surprise, when you consider the purposeful engineering that went into it.

We designed it for economical performance. Efficient turbocharged engines deliver their full-rated 310 horsepower from sea level all the way up to 20,000 feet. Fuel flow at maximum cruising speed is a low 34 gallons per hour.

We designed the Chancellor for aerodynamic efficiency, as well. With flush riveting in its frontal areas. And a smooth, bonded wing that cuts through the air with a minimum of fuel-wasting drag.









# 1984 Cessna Chancellor Performance and Specifications

|                        |           |
|------------------------|-----------|
| <b>NUMBER OF SEATS</b> | 8         |
| <b>MAXIMUM WEIGHT</b>  |           |
| Ramp (lb/kg)           | 6785/3078 |
| Takeoff (lb/kg)        | 6750/3062 |
| Landing (lb/kg)        | 6750/3062 |
| Zero Fuel (lb/kg)      | 6515/2955 |

|                              |           |
|------------------------------|-----------|
| <b>STANDARD EMPTY WEIGHT</b> |           |
| Chancellor (lb/kg)           | 4397/1994 |
| Chancellor II (lb/kg)        | 4592/2083 |
| Chancellor III (lb/kg)       | 4818/2185 |

|                            |           |
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| <b>MAXIMUM USEFUL LOAD</b> |           |
| Chancellor (lb/kg)         | 2388/1083 |
| Chancellor II (lb/kg)      | 2193/995  |
| Chancellor III (lb/kg)     | 1967/892  |

|                                                       |         |
|-------------------------------------------------------|---------|
| <b>AIRSPED (TAS) (BEST POWER) (MID-CRUISE WEIGHT)</b> |         |
| Maximum at 20,000 feet (kts/km/h)                     | 235/436 |
| Cruise, 74.8% power at 10,000 feet (kts/km/h)         | 193/358 |
| Cruise, 74.8% power at 24,500 feet (kts/km/h)         | 224/415 |

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| <b>RANGE</b>             |  |
| Recommended lean mixture |  |
| 74.8% power              |  |

Range figures include fuel allowance for engine start, taxi, takeoff, climb, descent, and 45-minute reserve at cruise power. Speeds are at mid-cruise weights.

|                  |             |
|------------------|-------------|
| Altitude (ft/m)  | 10,000/3048 |
| Fuel (lb/kg)     | 600/272     |
| Endurance (hr)   | 2.06        |
| Speed (kts/km/h) | 191/354     |
| Range (nm/km)    | 382/708     |
| Altitude (ft/m)  | 10,000/3048 |
| Fuel (lb/kg)     | 900/408     |
| Endurance (hr)   | 3.53        |
| Speed (kts/km/h) | 191/354     |
| Range (nm/km)    | 665/1232    |
| Altitude (ft/m)  | 10,000/3048 |
| Fuel (lb/kg)     | 1236/561    |
| Endurance (hr)   | 5.18        |
| Speed (kts/km/h) | 192/356     |
| Range (nm/km)    | 984/1824    |
| Altitude (ft/m)  | 24,500/7468 |
| Fuel (lb/kg)     | 600/272     |
| Endurance (hr)   | 2.03        |
| Speed (kts/km/h) | 219/406     |
| Range (nm/km)    | 404/749     |
| Altitude (ft/m)  | 24,500/7468 |
| Fuel (lb/kg)     | 900/408     |
| Endurance (hr)   | 3.50        |
| Speed (kts/km/h) | 220/408     |
| Range (nm/km)    | 730/1353    |
| Altitude (ft/m)  | 24,500/7468 |
| Fuel (lb/kg)     | 1236/561    |
| Endurance (hr)   | 5.15        |
| Speed (kts/km/h) | 221/410     |
| Range (nm/km)    | 1099/2037   |

|                          |  |
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| <b>MAXIMUM RANGE</b>     |  |
| Recommended lean mixture |  |

Range figures include fuel allowance for engine start, taxi, takeoff, climb, descent, and 45-minute reserve at cruise power. Speeds are at mid-cruise weights.

|                  |             |
|------------------|-------------|
| Altitude (ft/m)  | 10,000/3048 |
| Fuel (lb/kg)     | 600/272     |
| Endurance (hr)   | 3.69        |
| Speed (kts/km/h) | 143/265     |
| Range (nm/km)    | 532/986     |
| Altitude (ft/m)  | 10,000/3048 |
| Fuel (lb/kg)     | 900/408     |
| Endurance (hr)   | 6.27        |
| Speed (kts/km/h) | 143/265     |
| Range (nm/km)    | 899/1666    |

|                  |             |
|------------------|-------------|
| Altitude (ft/m)  | 10,000/3048 |
| Fuel (lb/kg)     | 1236/561    |
| Endurance (hr)   | 9.34        |
| Speed (kts/km/h) | 141/261     |
| Range (nm/km)    | 1327/2460   |
| Altitude (ft/m)  | 25,000/7620 |
| Fuel (lb/kg)     | 600/272     |
| Endurance (hr)   | 2.70        |
| Speed (kts/km/h) | 181/335     |
| Range (nm/km)    | 482/893     |
| Altitude (ft/m)  | 25,000/7620 |
| Fuel (lb/kg)     | 900/408     |
| Endurance (hr)   | 4.73        |
| Speed (kts/km/h) | 183/339     |
| Range (nm/km)    | 855/1585    |
| Altitude (ft/m)  | 25,000/7620 |
| Fuel (lb/kg)     | 1236/561    |
| Endurance (hr)   | 7.20        |
| Speed (kts/km/h) | 181/335     |
| Range (nm/km)    | 1293/2397   |

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| <b>FUEL CAPACITY, Total (gal/l)</b> | 213.4/807.7 |
|-------------------------------------|-------------|

|                         |          |
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| <b>RATE OF CLIMB</b>    |          |
| Twin engine (fpm/mpm)   | 1520/463 |
| Single engine (fpm/mpm) | 290/88   |

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| <b>SERVICE CEILING</b> |             |
| Twin engine (ft/m)     | 30,800/9388 |
| Single engine (ft/m)   | 19,850/6050 |

|                                     |          |
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| <b>TAKEOFF PERFORMANCE</b>          |          |
| Ground roll (ft/m)                  | 2185/666 |
| Distance over 50-ft obstacle (ft/m) | 2595/791 |

|                                     |          |
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| <b>LANDING PERFORMANCE</b>          |          |
| Ground roll (ft/m)                  | 1013/309 |
| Distance over 50-ft obstacle (ft/m) | 2393/729 |

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| <b>BAGGAGE ALLOWANCE (lb/kg)</b> | 1500/680 |
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| <b>WING LOADING (lb/sq ft/kg/sq m)</b> | 29.89/145.9 |
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|                                 |           |
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| <b>POWER LOADING (lb/kg/hp)</b> | 10.89/4.9 |
|---------------------------------|-----------|

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| <b>STALL SPEED (CAS)</b>         |        |
| Flaps up, power off (kts/km/h)   | 82/152 |
| Flaps down, power off (kts/km/h) | 72/133 |

|                                        |         |
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| <b>AIRSPED LIMITS (CAS)</b>            |         |
| Never-exceed speed (kts/km/h)          | 232/430 |
| Air minimum control speed (kts/km/h)   | 79/146  |
| Maneuvering speed (kts/km/h)           | 144/267 |
| Maximum flap extended speed            |         |
| 0° to 15° (kts/km/h)                   | 175/324 |
| 15° to 45° (kts/km/h)                  | 145/269 |
| Maximum gear extended speed (kts/km/h) | 175/324 |

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| <b>WING SPAN (ft/m)</b> | 44.12/13.45 |
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| <b>WING AREA (sq ft/sq m)</b> | 225.8/20.98 |
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| <b>LENGTH (ft/m)</b> | 36.38/11.09 |
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| <b>HEIGHT (ft/m)</b> | 11.45/3.49 |
|----------------------|------------|

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| <b>OIL CAPACITY (qt/l)</b> | 26/24.6 |
|----------------------------|---------|

|                        |      |
|------------------------|------|
| <b>ENGINE TBO (hr)</b> | 1600 |
|------------------------|------|

|                                                                 |  |
|-----------------------------------------------------------------|--|
| <b>ENGINES</b>                                                  |  |
| Two Turbocharged Fuel-Injected Continental Engines (6-Cylinder) |  |
| TSIO-520-NB, 310 hp to 20,000 ft                                |  |

|                                                                            |  |
|----------------------------------------------------------------------------|--|
| <b>PROPELLERS</b>                                                          |  |
| Constant speed, full feathering, three-bladed, 76.5-inch diameter (1.94 m) |  |

Subject to change without notice. Performance figures are "Standard Day." Individual aircraft performance may vary.