

### **Beechcraft A36 Bonanza**

Engine make/model:	Continental IO-550B
Horsepower@altitude:	300@SL
Horsepower for takeoff:	300
TBO hrs.:	2000
Fuel type:	100/100LL
Propeller type/diameter:	CS
Landing gear type:	Tri/Retr.
Max ramp weight (lbs.):	3650
Gross weight (lbs.):	3650
Landing weight (lbs.):	3650
Empty weight, std. (lbs.):	2247
Useful load, std. (lbs.):	1403
Payload, full std. fuel (lbs.):	959
Usable fuel, std. (gals.):	74
Oil capacity (qts.):	12
Wingspan:	33 ft. 6 in.
Overall length:	27 ft. 6 in.
Height:	8 ft. 5 in.
Wing area (sq. ft.):	181
Wing loading (lbs./sq. ft.):	20.2
Power loading (lbs./hp.):	12.2
Wheel track:	7 ft. 1 in.
Wheel size (in.):	6.00 x 6
Seating capacity:	6
Cabin doors:	2
Cabin width (in.):	42
Cabin height (in.):	50

## PERFORMANCE

Cruise speed (kts.):	169
Fuel consumption (gph):	16.0
Vs (kts.):	59
Vso (kts.):	59
Best rate of climb, SL (fpm):	1210
Best rate of climb, 8000 ft. (fpm):	800
Service ceiling (ft.):	18,500
Takeoff ground roll (ft.):	971
Takeoff over 50-ft. obstacle (ft.):	1913
Landing ground roll (ft.):	913
Landing over 50-ft. obstacle (ft.):	1473

Sources: <https://www.planeandpilotmag.com/article/beechnraft-a36-bonanza-n715lt/#.XN7u1qJ7miM> Aircraft Bluebook Price Digest and Jane's All The World's Aircraft