

# **BEECH A36 BONANZA**

## Engine

- Continental IO-550-B
- 6 Cylinder
- 300 HP

## Propeller

- McCauley
- 3 Blade
- Constant Speed

## Weights

- Maximum Ramp Weight – 3663 lbs.
- Maximum Takeoff Weight – 3650 lbs.
- Maximum Landing Weight – 3650 lbs.

## Dimensions

- Wing Span – 33'6"
- Length – 27'6"
- Height – 8'7"
- Interior Cabin Length – 12'7"
- Interior Cabin Height – 4'2"
- Interior Cabin Width – 3'6"
- Fwd Cabin Door Opening – 37" wide x 36" high
- Aft Utility Door Opening – 45" wide x 35" high

## Fuel and Oil

- Total Fuel Capacity – 80 gal.
- Total Usable Fuel – 74 gal.
- Total Oil Capacity – 12 qts.

## Maximum Speeds

- Vne – 205 KIAS
- Vno – 167 KIAS
- Vfe – approach (12°) 154 KIAS; full down (30°) 124 KIAS
- Vlo/Vle – 154 KIAS

### Cruise Performance

- 3400 lbs., Standard Day, 8000 ft., OAT 2°C, 22.3 MP, 2500 RPM, 20° ROP – 174 KTAS @ 15.7 GPH
- 3400 lbs., Standard Day, 8000 ft., OAT 2°C, 22.4 MP, 2300 RPM, 20° ROP – 167 KTAS @ 14.3 GPH

### Cruising Range

- Range includes cruise climb and allows for taxi, runup and 45 minutes reserve fuel at economy cruise power, 20°ROP, standard day
- At 9000 ft., full throttle and 2300 RPM, range is 760 nm

### Stall Speed

- Flaps down, power idle, 60 KIAS

### Service Ceiling

- 16,600 ft.

### Takeoff Distances

- Normal – 1140 ft.
- Over 50 ft. Obstacle – 2040 ft.

### Landing Distances

- Normal – 840 ft.
- Over 50 ft. Obstacle – 1450 ft.