

Beechcraft

BONANZA

MODEL C35



PRICE LIST *and* SPECIFICATIONS

BEECH AIRCRAFT CORPORATION
WICHITA, KANSAS, U. S. A.

Price List for Model C35 Beechcraft BONANZA Airplane and Accessories

STANDARD C35 BEECHCRAFT BONANZA (Continental E-185-11)

F.A.F. Wichita, Kansas\$18,990.00

(Includes VHF Radio Transmitter, VHF Receiver, Range and Broadcast Receiver, Marker Beacon Receiver, Night Flying Equipment including Landing Lights, Cabin Heater, Beech Controllable Pitch Propeller, complete instrumentation for CAA Approved Instrument Flight.)

OPTIONAL EQUIPMENT

(Installed price at factory, during construction — must be specified well in advance of delivery date.)

Item	Price	Weight In Lbs. *Approx.
1. Flight Research Electric Constant Speed Propeller Governor\$ 485.00		7
Increases take-off performance — simplifies cockpit procedure.		
2. Gyro Horizon and Directional Gyro — reconditioned surplus instruments 450.00		14
An outstanding value — these instruments have been completely reconditioned by an approved instrument repair shop and are warranted by Beech Aircraft Corporation. Price includes associated vacuum system (reconditioned surplus equipment).		
3. Attitude and Directional Gyros with suction gauge and associated vacuum system 820.00		14
Sperry quality gyro stabilized flight instruments. Vacuum powered. Attitude Gyro is a non-spillable type gyro — these instruments are recommended for blind flight.		
4. Kollsman Direction Indicator in Place of Standard Compass 175.00		1
A direct type reading magnetic compass with a vertical dial and course setting index pointer for simplicity of indication.		
5. Lear "Omnimatic" Automatic VHF Omni Range Navigator 420.00		8.6
A marvelous new radio aid.		
6. Lear "Orienter" ADF-12B Automatic Direction Finder 950.00		17
The "Orienter" automatic direction finder is one of the best radio navigation aids available. Gives bearings on range and broadcast stations.		
7. 20-Gallon Auxiliary Fuel Tank 295.00		20*
For those who want maximum range.		
8. 10-Gallon Auxiliary Fuel Tank 265.00		12
Gives extra range and plenty of reserve with minimum loss of baggage space.		
9. Air Conditioner 160.00		16
If you fly in warm climates, this will add to the comfort of your ride. Evaporative type cooler — added ventilation.		
10. Cabin Curtains 60.00		1
Reduces glare — makes a cooler cabin.		

Item	Price	Weight In Lbs. *Approx.
11. Green Transparent Sunshades	47.50	4
Shades for Windshield Only	25.00	2
Lessens intensity of sun's rays — keeps cabin cooler — does not impair visibility.		
12. Cabin and Propeller Cover	49.50	
Cover Modified for ADF Antenna Installation	54.50	
A must for the BONANZA that is not hangared.		
13. External Power Plug Receptacle	40.00	2
Saves battery drain of heavy starting loads — also valuable for ground checking equipment.		
14. Electric Engine Primer	65.00	2*
Insure quick starts in extremely cold weather.		
15. Heated Pitot Tube	70.00	1
Insures accurate operation of airspeed indicator when flying in icing conditions.		
16. Electric Auxiliary Fuel Pump	265.00	6.5
A third source of fuel pressure.		
17. Narco Position Light Flasher	24.00	1/2
Make sure you will be seen if you fly at night. Radio noise filter included.		
18. Parachute Flares (3 — 1 1/2 min.)	190.00	16
Safeguard for those who fly at night.		
19. Cabin Door Quick Release (not available with 180° Hinge) ..	35.00	1*
Emergency feature for quick exit.		
20. Dual Control Wheel — in place of standard throw-over type	90.00	3.5
Designed for dual instruction and pilot check-out work.		
21. Brakes on Right Side	140.00	3
Highly desirable for pilot instruction and check-outs.		
22. 180° Cabin Door Hinge (included with Item 23)	45.00	
Handy for those who carry cargo — permits loading over the leading edge of the wing.		
23. Ambulance Equipment	395.00	
Convenient, easy to load arrangement — plenty of space for pilot and attendant — patient can ride with head forward or aft. Good equipment for doctors, funeral homes or charter operators.		
24. Special Paint Jobs	100.00	
Deviations from standard design or standard colors. (NOTE: Special insignias or lettering are extra on a time and material basis.)		
25. Remington Rand Electric Shaver	27.50	
Deluxe Contour Six Model Razor useable on 110V or 12 volts — plugs into cigarette lighter receptacle.		

No changes, additions or deletions in optional equipment orders can be accepted after the 15th day of the second month preceding the month of scheduled delivery.

Kits are available from our distributors and dealers on most of these optional items which can be installed on delivered airplanes.

December 31, 1951

(All prices subject to change without notice)

Beechcraft BONANZA Model C35 Specifications

TYPE

Four-place, high performance, all-metal, low-wing, cantilever monoplane, with fully retractable tricycle landing gear, solid cabin top, and full equipment as standard.

BAGGAGE

Maximum 270 pounds.

PERFORMANCE

Recommended maximum cruising speed (at 120 hp., 65%) at 9½ gph	175 mph at 8,000 ft.
High speed at sea level	190 mph
Rate of climb at sea level	1,100 ft. per minute
Service ceiling	18,000 feet
Stalling speed (landing) with flaps	55 miles per hour
Maximum range @ 165 mph @ 10,000 feet	775 miles on 39 gal. 975 miles on 49 gal. 1180 miles on 59 gal.
Take-off run (20° flaps) sea level, 10 mph wind	525 feet
Landing run (30° flaps) sea level, 10 mph wind	227 feet
Fuel economy, at maximum range	19.9 miles per U.S. gal.

The above performance figures are dependent upon the proper output of power by the engine; are for airplanes which have had no additional drag-producing items attached to their exterior surfaces; and which are in the condition as received from the factory without any modifications by others. Subject to such conditions, these performance specifications are guaranteed within $\pm 3\%$.

WEIGHTS

Gross Weight	2,700 pounds
Empty Weight	1,647 pounds
(Empty weight includes complete set of flight instruments; radio receiver, transmitter, marker beacon receiver; cabin heating and ventilating system, with windshield deicers; soundproofing; continuously variable controllable pitch propeller; navigation, cabin, instrument, and landing lights; unusable fuel and oil.)	
Useful load	1,053 pounds
Available weight for people and baggage with full tanks	800 pounds

WING AREA AND LOADINGS

Wing area	177.6 square feet
Wing loading, at gross weight	15.2 lbs./sq. foot
Power loading, at gross weight	14.6 lbs./hp

DIMENSIONS

Wing span	32 ft. 10 in.
Length	25 ft. 2 in.
Height	6 ft. 6½ in.

CABIN DIMENSIONS

Cabin length	6 ft. 11 in.
Cabin width	3 ft. 6 in.
Cabin height	4 ft. 2 in.
Passenger door, size	36 in. x 37 in.
Baggage door, size	24 in. x 22 in.
Baggage compartments, size	16.5 cubic feet
Baggage compartment, maximum loading ..	270 pounds

POWER PLANT, PROPELLER, AND EQUIPMENT

Engine — Continental, 6 cylinder, E-185-11, rated at 2,300 rpm at sea level at 185 hp. Maximum for take-off 205 hp @ 2,600 rpm (1 minute).

Propeller — Beech, with aluminum alloy blades, electrically controlled continuously variable pitch, series 215, diameter 7' 4", with Beech pitch control motor, and Beech spinner.

Electronic Constant Speed Propeller Governor as optional equipment.

ENGINE EQUIPMENT

Starter
Generator — 35 ampere
Voltage Regulator
Battery Relay
Fuel Pump
Carburetor Air Filter
Mufflers and Cabin Heaters (stainless steel)
Exhaust Manifolds (stainless steel)

FUEL AND OIL CAPACITY

Fuel capacity in 2 wing tanks	39 gallons
Fuel capacity (extra 10 gal.)	49 gallons
Fuel capacity (extra 20 gal.)	59 gallons
Oil capacity	10 quarts

LANDING GEAR

Tricycle type with swiveling steerable nose wheel equipped with shimmy dampener. Beech air-oil struts on all wheels designed for smooth taxiing and to withstand the shock created by landing with a vertical descent component of over 600 feet per minute. Main tires 6.50" x 8" size; nose wheel tire 5.00" x 5" size. Wheels — Goodyear with single disc hydraulic brakes.

ELECTRICAL AND RADIO EQUIPMENT

Battery — 33 ampere hour capacity
Electric motors for operating flaps and landing gear
Radio receiver with range, broadcast, and marker beacon reception, cabin loudspeaker.
VHF radio transmitter — VHF tunable receiver
Microphone and headset
Lear ADF-12B Automatic direction finder (optional)
Lear "Omnimatic" (optional)

STANDARD FLIGHT INSTRUMENTS

Airspeed indicator
Sensitive Altimeter
Turn and Bank indicator (electric)
Rate of Climb indicator
Compass
Sweep-Second Clock (7-jewel)
Outside Air Temperature Gauge

STANDARD ENGINE INSTRUMENTS

Tachometer
Manifold Pressure Gauge
Engine Gauge Cluster Unit (with fuel pressure, fuel quantity, oil temperature, oil pressure, ammeter, and cylinder head temperature gauges)

LIGHTS

2 landing lights in wings
Position and Tail lights
Cabin dome and instrument lights
Landing gear and Flap position lights

CONTROLS

Conventional 3 control system, rudder pedals on both sides, adjustable, with right hand set capable of being folded out of way. Toe brake pedals standard on left side, parking brakes with hand control. Throw-over wheel with 2 height positions on each side. (Dual wheel optional at extra cost.) Elevator tabs adjustable by control wheel below panel. Creep-proof vernier adjustment throttle control. Engine cowl flap control. Carburetor air control for cold or warm air. Ventilation and heating controls. Radio controls directly in front of pilot. Electric landing gear and flap controls and emergency manual landing gear control.

CABIN EQUIPMENT

Ultra-violet-proof Lucite Windshields and windows
Complete soundproofing
Full upholstery including "wall to wall" rug
Cabin loudspeaker
Four adjustable sunshades
Map compartment and glove compartment in instrument panel
Four ash trays
Cigarette lighter
Openable bad-weather window for pilot on left
Both rear windows open for ground ventilation and have release pins to permit their use as emergency exits.
Coat hanger rod — map pockets — arm rests — reclining rear seat
Beech high strength shoulder harness

EXTERIOR FINISH

Complete enamel paint job. The majority of the exterior area is flush riveted for aerodynamic advantages and ease of cleaning.

MINOR NOVEL FEATURES

Quick-removable gas tank caps of expansion plug type
Main wheel doors close when wheels are down to keep out mud and dirt and prevent buffeting damage
Nose wheel tire has mud scraper to keep dirt off bottom of fuselage
Retractable step to make cabin entrance easy solves the problem of feminine dignity.
Navigation light indicator, Safe Flight stall warning indicator, visual landing gear position indicator in addition to warning lights.