

N9400Q

1970 Beech V35B

Cost of Ownership

Aircraft S/N: D-9163



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

Cost

Summary

	Beechcraft Bonanza V35B
Acquisition Cost	\$210,000
Total Annual Cost	\$184,097
Variable Cost	\$73,425
Fixed Cost	\$110,672
Per Hour	\$669
Per Nautical Mile	\$4.09
Per Seat Per Nautical Mile	\$1.36
Total Annual Cost with Market Depreciation	\$186,197
Market Depreciation	\$2,100
Per Hour	\$677
Per Nautical Mile	\$4.13
Per Seat Per Nautical Mile	\$1.38

Variable Cost Per Hour

		Beechcraft Bonanza V35B
		\$267/hr
Fuel		\$117
<i>Calculated using Fuel Price and Fuel Burn.</i>		<i>19 gal/hr</i>
Fuel		\$115
Lubricants		\$2
Maintenance		\$105
Maintenance Labor		\$59
<i>Calculated using the ratio of Maintenance Labor Hours per Flight Hour and the Labor Rate.</i>		<i>0.68 labor-hr/Fhr @ \$87/hr</i>
Parts Airframe/Engine/Avionics		\$43
Propeller Allowance		\$3
Engine Reserves		\$35
Miscellaneous Reserves		\$10
Landing/Parking		\$5
ATC Navigation		—
Crew Expenses		—
Supplies/Catering		\$5

Annual Fixed Cost

		Beechcraft Bonanza V35B
		\$110,672
Crew		\$80,000
Captain		\$64,000
Copilot		—
Benefits		\$16,000
Hangar		\$13,400
Insurance		\$4,550
Hull		\$3,150
Single Limit Liability		\$1,400
Aircraft Modernization		\$1,500
Training		\$7,000
Miscellaneous		\$4,222
Navigation Chart Service		\$912
Refurbishing		\$2,610
Computer Maintenance Program		—
Weather Service		\$700
Other		—

Performance

Speed

	Beechcraft Bonanza V35B
Normal cruise	172 kts
Long-Range cruise	136 kts
Maximum cruise	182 kts

Climb and Altitude

	Beechcraft Bonanza V35B
Rate of Climb	1,165 ft/min
Max Cert. Altitude	—
Initial Cruise Altitude	—
Time to Cruise Altitude	—
Service Ceiling	17,858 ft

Field Length

	Beechcraft Bonanza V35B
FAR-91	1,212 ft
FAR-135	1,515 ft
FAR-121	2,020 ft
Balanced Field Length	1,770 ft

Speeds

	Beechcraft Bonanza V35B
VMC (Ground)	—
VMC (Air)	—
V2 (Max. Takeoff Gross Wt.)	—
VREF (BOW + Pax + NBAA Res.)	—

FAR 36 Noise Levels Levels

	Beechcraft Bonanza V35B
Takeoff	—
Sideline	—
Approach	—