



## Turbo Commander 690A/B Dash Ten Specifications and Performance

Wing Span	46.67 feet
Length	44.35 feet
Height	14.95 feet
Total cabin & Baggage Vol	294.00 cubic Feet
Baggage volume and load	45 cubic feet/600 pounds
Maximum Ramp weight	10,375 pounds
Max gross takeoff weight	10,375 pounds
Fuel Capacity, usable	384 gallons (Standard)
Range	1,400+ nm
Cruise Speed	305+ KTAS (Gross) 26,000 - 27,000 feet, ISA
Single Engine Cruise Speed	218+ KTAS (9000 lbs) 15,000 feet, ISA
Climb:	2,824 Initial Rate of Climb, Gross, SL, ISA
Single Engine R of C	1,003 Initial Rate of Climb, Gross, SL, ISA
Time to Climb	12.9 minutes to 29,000 ft (9000 lbs. ISA)
Stall Speed, Clean	77 Knots (CAS) (Gross Wt)
Stall Speed, Gear/Flaps Dn	75 Knots (CAS) (Gross Wt)
Take-off over 50'	1,833 Feet (Gross Wt)
Take-off roll	1,285 Feet (Gross Wt)
Landing Roll w/Reverse	1,240 Feet (Typical landing weight)
Engine TBO	5,000 Hours
Engine HSI Interval	2,500 Hours
Nautical Miles to Overhaul	Over One Million Miles!

The Dash Ten 690A/B is a high performance turboprop that will rival the Citation I in climb and segment times at a fraction of the segment fuel burn. The flat rated take-off power is available up to 15,000 feet, ISA, allowing unmatched single engine safety, even at high density altitudes. This is without a doubt, a pilot's airplane.

\*\*All information is subject to change and buyer's verification\*\*

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# Dash Ten Turbo Commander 690A/B

## Estimated Operating Costs

### **Fuel** **\$ 477.25**

Fuel Costs/Gallon	\$	5.75
Fuel Burn/Hour (Gallons)	\$	83.00

### **Maintenance** **\$ 340.33**

Labor/Hour	\$	118.00
Parts/Hour	\$	75.00
Engine Reserves (Overhaul, Hot Section, Gearbox)	\$	124.87
Prop Overhaul	\$	14.40
Miscellaneous Flight Expenses	\$	8.06

### **Total Direct Costs Per Hour** **\$ 817.58**

Average Block Speed (MPH)		340
Cost Per Statute Mile	\$	2.40

### **Hangar Costs** **\$ 8,500**

### **Insurance** **\$ 17,800**

Hull	\$	13,000
Legal Liability	\$	4,800

### **Miscellaneous Overhead** **\$ 15,000**

Training	\$	7,000
Aircraft Modernization	\$	5,000
Navigation Equipment	\$	3,000

### **Total Fixed Costs** **\$ 41,300**

### **Annual Budget Utilization**

Number of Seats		7
Miles		85,500
Hours		251
Direct Cost	\$	205,212
Fixed Cost	\$	41,300
Total Cost	\$	246,512
Cost/Hour	\$	982.12
Cost/Statute Mile	\$	2.88
Cost/Seat Mile	\$	0.41

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