



Dash Ten Turbo Commander 840 Specifications and Performance

Wing Span	52.12 feet
Length	42.98 feet
Height	14.95 feet
Total cabin & Baggage Vol	294.00 cubic Feet
Baggage volume and load	70 cubic feet/600 pounds
Maximum Ramp weight	10,375 pounds
Max gross takeoff weight	10,375 pounds
Fuel Capacity, usable	425 gallons (Standard)
Range	1,700+ 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 840 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

EAGLE CREEK
aviation services

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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)		345	
Cost Per Statute Mile	\$	2.37	
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		248	
Direct Cost	\$	202,759	
Fixed Cost	\$	41,300	
Total Cost	\$	244,059	
Cost/Hour	\$	984.11	
Cost/Statute Mile	\$	2.85	
Cost/Seat Mile	\$	0.41	

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