

King Air 200

Performance

Aircraft Operation Cost Example Only

AIRCRAFT SPECIFICATIONS			
HP or lbs Thrust each Engine	850	Max Speed MPH	338
Recommended Cruise MPH	321	Stall Dirty MPH	86
Fuel gal/lbs Standard	544	Fuel gal/lbs Optional	544
All Engine Service Ceiling	35,000	Engine Out Service Ceiling	21,735
All Engine Rate of Climb	2,450	Engine Out Rate of Climb	740
Takeoff over 50ft	3,345	Takeoff Ground Run	1,942
Landing over 50ft	2,845	Landing Ground Run	1,760
Gross Weight lbs	12,500	Empty Weight lbs	7,538
Length ft/in	43.9	Height ft/in	15.
Wing Span ft/in	54.6	Range Standard Miles	2,151
		Approx Useful Load (full of fuel)	850

(Per Hour Estimates Based on 150 Hours of Use Per Year)

ACQUISITION EXPENSES (based on 5 year ownership)	
Purchase Price of Aircraft	\$1,695,000.00
Estimated Resale Value	\$1,500,000.00
Refurbishment Cost (Paint and Interior)	\$85,000.00
TOTAL Per Hour ASSET Expense	\$373.33

FIXED ANNUAL EXPENSES	
Hangar Rental (\$600 per month for 12 Months)	\$7,200.00
Insurance - Hull	\$16,000.00
Insurance - Liability	\$0.00
Flight Crew - Pilot	\$75,000.00
Copilot	\$0.00
Recurrent Pilot Training	\$6,000.00
TOTAL Per Hour FIXED Expense	\$694.67

VARIABLE COSTS (per hour)	
Fuel (100 gallon per hour at \$3.5 per gallon)	\$350.00
Inspection and Maintenance (\$30000 per year divided by 150)	\$200.00
Engine Overhaul and Reserves ((\$700000 times 2) divided by 3600)	\$388.89
Propeller Overhaul ((\$8000 times 2) divided by 3600)	\$4.44
Avionics Maintenance	\$20.00
TOTAL Per Hour VARIABLE Expense	\$963.33

TOTAL OPERATIONAL COST PER HOUR	\$2,031.33
TOTAL MILES PER YEAR (316.25 miles per hour)	47,438
OPERATIONAL COST PER MILE	\$6.42
OPERATIONAL COST PER SEAT PER HOUR (10 seats)	\$203.13
OPERATIONAL COST PER SEAT PER MILE (10 seats)	\$0.64

REMARKS
62000 miles travel per year