

Cost Comparison: Dynamax Freightliner Columbia Grand Sport GT and Various Private Aircraft

Equipment Budget Item	Fury a Dynamax Freightliner Grand Sport GT	Single Turbo Prop Pliatus PC12 NG	Twin Turbo Prop Beechcraft King Air 350iER	Light Jet One Aviation Eclipse 550	Medium Cabin class Jet Cessna Citation CJ4	Heavy Cabin class Jet Gulfstream G550
Hours per year	200 hrs	200 hrs	200 hrs	200 hrs	200 hrs	200 hrs
Miles per year	10,000 mi @ 50 mph.	70,000 mi @ 350 mph	70,000 mi @ 350 mph	85,000 mi @ 425 mph	85,000 mi @ 454 mph	100,000 mi @ 508 mph
Fuel per year	\$2,248.63	\$49,561.20	\$71,800	\$37,771	\$161,200	\$442,640
GenSet Fuel / yr	\$172.43	-	\$3,530			
Routine Maint.	\$350				\$57,200	\$28,598
Annual Insp.	\$119.95	\$2,500	\$4,000	\$3,500	\$5,000	\$5,000
Landing Fees		-	-	-	-	-
RV Resort Fees or Tie down fees	-	-	-	-	-	-
Storage / Hangar	\$4,200	\$33,442.50	\$31,785.00	\$30,703	\$30,703	\$106,236
Engine Reserve	\$300	*	#	\$49,400	\$65,200	\$191,670
Transmission Reserve	\$200					
Propeller Reserve		\$3,000	\$6,000			
APU / Genset Reserve	\$38	*	#			\$25,000
Tire Reserve	\$557.14	*				
Crew	-	\$68,250.00	\$68,250.00	\$115,331	\$202,268	\$80,000 misc \$383,964 Flight = Total \$463,964
Crew Training	\$2,425	\$10,920.00	\$7,215.00	\$13,226	\$32,525	\$112,270
Insurance	\$1,100	\$21,766.88	\$11,310.00	\$21,314	\$21,881	\$56,987
Jet Management				\$30,000	\$30,000	\$78,800
Annual Maint.	\$1,000	\$61,910*	\$89,510#	\$28,000		\$105,846
Avg. \$ / hour	\$48.65	\$726.79	\$1206.29	\$740.75	\$1540.13	\$3662.14
Avg. \$ / mile	\$0.97	\$2.91	\$4.02	\$2.12	\$3.62	\$7.32
Seat mile \$/mile	\$0.16	\$0.42	\$0.50	\$0.71	\$0.52	\$0.41
Direct Operating Costs per year	5,941.20	\$132,110	\$191,210	\$180,800	\$324,900	\$850,156

Cost Comparison: Dynamax Freightliner Columbia Grand Sport GT and Various Private Aircraft

Fixed Operating Costs per year	\$6,769.95	\$134,379	\$118,560	\$194,115	\$350,254	\$726,056
Total Costs per year	\$12,711.15 \$1.27 / mi s-m = \$0.21	\$266,489 \$3.081 / mi s-m = \$0.54	\$309,770 \$4.43 / mi s-m = \$0.55	\$455,018 \$5.35 / mi s-m = \$1.78	\$675,154 \$7.94 / mi s-m = \$1.14	\$1,576,211 \$15.76 / mi s-m = \$0.88
Total Costs per hour for year	\$63.56	\$1,332.45	\$1,548.85	\$2,275.09	\$3,375.77	\$7,881.06
Total Costs per hour for year @ 800 of use	\$15.89 200 hrs road 600 hrs camp					