

Table 1

Evolution 2017 Pricing	<i>EVOT-850</i>	<i>EVOT-750</i>	<i>EVOT-550</i>	<i>EVOP-350</i>
Avionics Suite	<i>G900/GFC-7X</i>	<i>G900/GFC-7X</i>	<i>G3x</i>	<i>G3x</i>
Engine Option	<i>PT6-140</i>	<i>PT6-135</i>	<i>PT6-21</i>	<i>Lyc-tt540-iE2</i>
Quick Build Kit	\$410,000.00	\$410,000.00	\$410,000.00	\$410,000.00
Avionics	\$185,000.00	\$185,000.00	\$93,000.00	\$93,000.00
Engine	\$550,000.00	\$433,500.00	\$330,000.00	\$145,000.00
FWFRD Kit	\$86,000.00	\$86,000.00	\$86,000.00	\$18,000.00
Prop	\$37,500.00	\$37,500.00	\$35,150.00	\$17,500.00
Completion Assist	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00
Paint/Int Est.	\$95,000.00	\$95,000.00	\$95,000.00	\$95,000.00
Flight Testing	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
Complete Estimate	\$1,508,500.00	\$1,392,000.00	\$1,194,150.00	\$923,500.00
Max Cruise ESHP	867	750	550	350
RPM	1,900	1,900	2,200	2,500
Max Cruise Kts				
28,000	330	300	265	-
25,000	330	300	265	242
Fuel Burn	45	37	31	29
Cruise Normal Kts				
28,000	305	290	250	-
25,000	305	290	250	230
Fuel Burn	38	35	28	24
Cruise Econ Kts				
28,000	280	275	225	-
25,000	280	275	225	215
Fuel Burn	33	32	24	28
<i>Fuel Capacity</i>	168	168	168	168
Full Fuel Payload	790	810	820	800
Max Range w/IFR	1027	1173	1410	1667
Cabin @25,000	7500	7500	7500	9000
Gallons Per NM	6.2	7.0	8.4	9.9
Average VSI @100Gal, to 18,000	2300	2000	1600	1250
Options "Installed"				
BRS Chute	\$80,000.00			
BRS Ready	\$35,000.00			
De-Ice	\$45,000.00			

				Altitude								
MAX Cruise	Gallons Full	VSI/FPM	Climb speed	25000	Climb Dist	Climb fuel	Climb Fuel	cruise	FF	Absolute NM	wIFR Reserve	
EVOP-350	168	1000	175	25	73	38	16	230	24	1531	1380	8.21
EVOT-550	168	1600	175	16	46	45	12	265	31	1382	1171	6.97
EVOT-750	168	2000	175	13	36	50	10	290	37	1272	1027	6.11
EVOT-850	168	2400	175	10	30	55	10	320	45	1157	875	5.21
Econ Cruise			ap								wIFR Reserve	G/NM
EVOP-350	168	1200	175	21	61	38	13	200	18	1781	1667	9.92
EVOT-550	168	1600	175	16	46	45	12	235	24	1576	1410	8.39
EVOT-750	168	2000	175	13	36	50	10	255	30	1376	1173	6.98
EVOT-850	168	2400	175	10	30	55	10	290	37	1272	1027	6.11

	EVOT-850	EVOT-750	EVOT-550
ICAO Designator	EVOT	EVOT	EVOT
Length	30 ft	30 ft	30 ft
Height	10 ft	10 ft	10 ft
Wingspan	37 ft	37 ft	37 ft
Seating	4	4	4
Cargo Volume	39 cu ft	39 cu ft	39 cu ft
Baggage Capacity	225 lbs	225 lbs	225 lbs
Fuel Capacity	168 gal	168 gal	168 gal
Payload (up to) 1	800 lbs	820 lbs	820 lbs
Max T/O Weight	4550 lbs	4550 lbs	4550 lbs
Design Empty Weight 2	2670 lbs	2650 lbs	2650 lbs
Vne (all KIAS)	256	256	256
Va	190	190	190
Vno	76-220	76-220	76-220
Vc	220-256	220-256	220-256
Vfe	160	160	160
Vle	165	165	165
Vso	61	61	61
Vs	76	76	76
Engine	Pratt & Whitney PT6A-140	Pratt & Whitney PT6A-135	Pratt & Whitney PT6A-200
Horse Power	867 shp	750 shp	550 shp
Propeller	McClellenn 82.5" 5 Blade w/d	McClellenn 82.5" 4 Blade w/d	McClellenn 82.5" 4 Blade w/d
Min T/O Distance	1200 ft	1200 ft	1200 ft
Min Ldg Distance	1200ft	1200ft	1200ft
Initial Rate of Climb	3000 fpm	2750 fpm	2500 fpm
Cruise Speed (max @ 25,000)	330 KTAS	300 KTAS	265 KTAS
Range 3	875 NM	1027 NM	1171 NM
Fuel Flow	45 gph	37 gph	31 gph
Economy Cruise	290 KTAS	255 KTAS	235 KTAS
Range 3	1027 NM	1173 NM	1410 NM
Fuel Flow	37 gph	30 gph	24 gph
Max Operating Alt	28,000'	28,000'	28,000'
1 without EEAPS			
2 without EAPS			
3 with IFR reserve			

	EVOP-350
ICAO Designator	EVOT
Length	30 ft
Height	10 ft
Wingspan	37 ft
Seating	4
Cargo Volume	39 cu ft
Baggage Capacity	225 lbs
Fuel Capacity	168 gal
Payload (up to) 1	820 lbs
Max T/O Weight	4550 lbs
Design Empty Weight 2	2650 lbs
Vne (all KIAS)	256
Va	190
Vno	76-220
Vc	220-256
Vfe	160
Vle	165
Vso	61
Vs	76
Engine	Lycoming iE2-tt540/ ACE-586
Horse Power	350/400 hp
Propeller	MT-3 bladed Prop
Min T/O Distance	1450 ft
Min Ldg Distance	1650 ft
Initial Rate of Climb	1800 fpm
Cruise Speed (max @ 25,000)	230 KTAS
Range 3	1380 NM
Fuel Flow	24 gph
Economy Cruise	200 KTAS
Range 3	1667 NM
Fuel Flow	18 gph
Max Operating Alt	25,000'
1 without EEAPS	
2 without EAPS	
3 with IFR reserve	