

1988 GENERAL AVIATION AIRCRAFT DIRECTORY

The "1988 General Aviation Aircraft Directory" lists certificated and soon-to-be-certificated aircraft that were in production or available for purchase in the United States as of January 1, 1988. The material compiled for this directory was obtained from the aircraft manufacturers and/or distributors and may be considered current as of the beginning of the year. More recent information has been included when available. In past editions, aircraft have been listed in ascending order according to base price, but because pricing policies differ among manufacturers and because some manufacturers flatly refused to provide price information, the aircraft in this year's edition are arranged alphabetically by manufacturer. Nonetheless, manufacturers were

asked to elaborate on equipment included in the base price of the aircraft, and this information is provided in the form of notes at the bottom of each listing.

Aircraft for which a firm certification schedule has been established appear under the heading "In the Works." Specifications for these aircraft should be considered preliminary and subject to change. Before the 1987 edition, an "On Hold" section described aircraft that had been temporarily suspended from production. For the last few years, however, manufacturers have brought aircraft into and out of production frequently in efforts to control inventory and production costs. Because of these rapid and unpredictable changes in production status, the "On

Hold" section was deleted in 1987. For specifications of aircraft not appearing in this year's directory, see 1987 and prior editions.

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SINGLE-ENGINE FIXED GEAR

Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Cruise Speed (kt)/ Fuel Flow		Range w/45-min rsv (nm)	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Max Optg. Altitude	Stall Speed (landing config., kt)	Base Price
					75% @ alt/pph/gph	65% @ alt/pph/gph						
AEROSPATIALE TB-10 Tobago	4	Lyc. O-360A1AD, 180 hp/CS	336/56	2,535 1,477 1,058	127 @ 6,000/66/11 117 @ 6,000/54/9		653 @ 6,000 NA	1,657 1,394	790	13,000	52	\$72,000 (est)

1987 data.

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Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Cruise Speed (kt/ Fuel Flow 75% @ alt/pph/gph 65% @ alt/pph/gph	Range w/45-min rsv (nm) 75% @ alt 65% @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Max Optg. Altitude	Stall Speed (landing config., kt)	Base Price
ARCTIC S1B2 Arctic Tern	2	Lyc. O-320-A2B, 150 hp/FP	240/40	1,900 988 912	102 @ 3,500/44/7.4 96 @ 3,500/37/6.1	551 @ 3,000 585 @ 3,000	325 500	1,275	19,000	30	\$45,313
<i>Price includes dual controls, toe brakes, 82/44 McCauley propeller, 50-degree flaps, eight-inch Maule tailwheel, 850 x 6 tires, cabin heat, windshield defroster, Lexan windshield and 2,500-lb Cleveland wheels and brakes. Optional Lycoming O320-B2B 160-hp engine. Ninety-day delivery.</i>											
CHRISTEN A-1 Husky	2	Lyc. O-360-C1G, 180 hp/CS	312/52	1,800 1,180 620	122 @ 6,000/57/9.5 113 @ 6,000/45/7.5	550 @ 6,000 650 @ 6,000	600 800	1,500	20,000	42	\$57,995
<i>155% power. Price includes constant-speed propeller, full electrical system and wing-tip strobe lights.</i>											
CHRISTEN S-1T Pitts Special	1	Lyc. AEIO-360-AIE, 200 hp/CS	120/20	1,150 850 300	156 @ 8,000/75/12.5 NA	280 @ 8,000 NA	600 1,200	2,600	24,000	54	\$64,950
<i>Price includes sliding canopy and fixed windscreen, all-altitude fuel and oil systems, basic engine, flight instruments and standard paint design.</i>											
CHRISTEN S-2B Pitts Special	2	Lyc. AEIO-540-D4A5, 260 hp/CS	174/29	1,700 1,175 525	160 @ 8,000/103/17.2 NA	288 @ 8,000 NA	925 1,350	2,800	22,000	52	\$80,795
<i>Price includes jettisonable canopy with fixed forward windscreen, all-altitude fuel and oil systems, basic engine, flight instruments in both cockpits and standard paint design.</i>											
CHRISTEN S-2S Pitts Special	1	Lyc. AEIO-540-D4A5, 260 hp/CS	210/35	1,575 1,100 475	156 @ 8,000/87/14.5 NA	374 @ 8,000 NA	925 1,350	2,800	22,000	52	\$76,795
<i>Price includes sliding canopy, fixed windscreen, all-altitude fuel and oil systems, basic engine, flight instruments and standard paint design.</i>											
CLASSIC AIRCRAFT Waco YMF-5	3	Jacobs R755B2, 275 hp/FP	294/49 444/74	2,770 1,905 865	106 @ 5,000/90/15 NA	265/445 NA	NA NA	732	NA	50	\$130,000
<i>Constant-speed propeller also available.</i>											
MAULE M-5-180C	4	Lyc. O-360-C1F, 180 hp/CS	138/23	2,300 1,325 975	137 @ 7,500/63/10.5 130 @ 7,500/52/8.6	450 @ 7,500 490 @ 7,500	600 600	900	15,000	34	\$44,253
<i>STOL aircraft. Price includes dual controls, engine gauges, gyro instrumentation and heated pitot.</i>											
MAULE M-5-235C Lunar Rocket	4	Lyc. O-540-J1A5D, 235 hp/CS	138/23	2,300 1,400 900	150 @ 7,500/87/14.5 142 @ 7,500/72/12	405 @ 7,500 450 @ 7,500	600 600	1,350	20,000	34	\$52,020
<i>STOL aircraft. Gross weight when float equipped is 2,530 lb. Price includes dual controls, engine gauges, gyro instrumentation and heated pitot. Lyc. IO-540-W1A5D fuel injected model also available.</i>											
MAULE M-6-235 Lunar Rocket	4	Lyc. O-540-J1A5D, 235 hp/CS	156/26	1,500 1,050 450	150 @ 7,500/90/15 142 @ 7,500/72/12	405 @ 7,500 450 @ 7,500	600 600	1,350	20,000	22	\$54,877
<i>STOL aircraft. Price includes dual controls, engine gauges, gyro instrumentation and heated pitot. Fuel injected model also available.</i>											
MAULE M-7-235 Lunar Super Rocket	5	Lyc. O-540-J1A5D, 235 hp/CS	180/30	1,500 1,050 450	150 @ 7,500/90/15 142 @ 7,500/72/12	405 @ 7,500 450 @ 7,500	600 600	1,350	20,000	22	\$57,214
<i>STOL aircraft. Price includes dual controls, engine gauges, gyro instrumentation and heated pitot. Fuel injected model also available.</i>											
MAULE MX-7-235	4-5	Lyc. O-540-W1A5D, 235 hp/CS	180/30	2,500 1,500 1,000	150 @ 7,500/90/15 142 @ 7,500/72/12	405 @ 7,500 450 @ 7,500	600 600	1,350	20,000	35	\$53,318
<i>STOL aircraft. Price includes dual controls and engine gauges. Fuel injected model also available.</i>											
MUDRY CAP 10B	2	Lyc. AEIO-360-B2F, 180 hp/FP	246/41	1,830 1,200 630	135 @ SL/60/10 130 @ SL/57/9.5	440 @ SL NA	1,477 1,968	1,100	17,000	43	\$111,000
<i>Price includes dual controls, engine gauges, pitot-static system, wiring for avionics and equipment for inverted aerobatics (shoulder harnesses, G-meter, etc.). Gross weight, rate of climb, takeoff and landing distance shown for Utility category.</i>											
MUDRY CAP 21	1	Lyc. AEIO-360-A1B, 200 hp/CS	118.8/ 19.8	1,323 1,080 243	145 @ NA/NA/NA NA	261 @ NA NA	NA NA	NA	NA	45	\$111,000
<i>Aerobatic category.</i>											
MUDRY CAP 230	1	Lyc. AEIO-540-L1B5D, 300 hp/CS	108/18	1,610 1,308 302	162 @ NA/NA/NA NA	191 @ NA NA	NA NA	NA	NA	54	\$166,000
<i>Aerobatic category.</i>											

Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Cruise Speed (kt)/ Fuel Flow		Range w/45-min rsv (nm)	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Max Optg. Altitude	Stall Speed (landing config., kt)	Base Price
					75% @ alt/ pph/gph	65% @ alt/ pph/gph						
PIPER PA-28-161 Warrior II	4	Lyc. O-320-D3G, 160 hp/FP	300/50	2,440	126 @ 9,000/60/10	590 @ 9,000	1,650	644	11,000	44	\$69,990	
				1,348 1,092	118 @ 12,500/52/8.6	633 @ 12,500	1,160					
PIPER PA-28-181 Archer II	4	Lyc. O-360-A4M, 180 hp/FP	300/50	2,550	129 @ 8,000/63/10.5	600 @ 8,000	1,660	735	13,650	47	\$79,990	
				1,413 1,137	125 @ 12,000/54/9	645 @ 12,000	1,390					
PIPER PA-28-236 Dakota	4	Lyc. O-540-J3A5D, 235 hp/CS	462/77	3,000	144 @ 9,100/81.6/13.6	720 @ 8,500	1,216	1,110	17,500	56	\$106,920	
				1,610 1,390	138 @ 12,200/70.8/11.8	770 @ 11,400	1,530					
PIPER PA-32-301 Saratoga	6-7	Lyc. IO-540-K1G5, 300 hp/CS	642/107	3,600	150 @ 8,000/108/18	823 @ 8,000	1,573	990	16,000	58	\$147,990	
				1,935 1,665	146 @ 10,000/96/16	911 @ 10,000	1,530					
TAYLORCRAFT F-21B	2	Lyc. O-235-L2C, 118 hp/FP	252/42	1,750	100 @ 8,000/39.6/6.6	†556	††1,140	750	18,000	42	\$32,000	
				1,040 710	NA	NA	500					

†30-minute reserve. ††At gross weight. Standard equipment including interior and exterior finish.

SINGLE-ENGINE RETRACTABLE GEAR

Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Cruise Speed (kt)/ Fuel Flow		Range w/45-min rsv (nm)	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Max Optg. Altitude	Stall Speed (landing config., kt)	Base Price
					75% @ alt/ pph/gph	65% @ alt/ pph/gph						
AEROSPATIALE TB-20 Trinidad	4-5	Lyc. IO-540-C4D5D, 250 hp/CS	534/89	2,493	164 @ 8,000/72.6/12.1	885 @ 7,000	1,571	1,260	20,000	54	\$111,000	
				1,744 749	160 @ 12,000/63/10.5	964 @ 10,000	1,740					
1987 data.												
AEROSPATIALE TB-21 Trinidad TC	4	Lyc. TIO-540-AB1AD, 250 hp/CS	444/74	3,083	187 @ 25,000/98.4/16.4	†890 @ 25,000	NA	1,090††	25,000	59	\$134,000	
				1,795 1,288	170 @ 25,000/74.4/12.4	†1,030 @ 25,000	NA					
1987 data. †No reserve. ††At 2,000 feet.												
AGUSTA SIAI MARCHETTI SF260D	3-4	Lyc. AEIO-540-E4A5, 260 hp/CS	384/64	2,425	181 @ 5,000/93.5/15.5	635 @ 6,000	1,574	1,800	19,000	60	NA	
				1,716 709	176 @ 10,000/77/12.8	755 @ 10,000	1,459					
Certified in aerobatic category with full inverted fuel and oil systems.												
BEECH A36 Bonanza	4-6	Cont. IO-550-B, 300 hp/CS	444/74	3,650	176 @ 6,000/102/17	757 @ 6,000	2,100	1,208	18,500	59	\$217,500	
				2,266 1,384	167 @ 8,000/86/14	903 @ 12,000	1,450					
Price includes nav/com and pitot-static system.												
BEECH B36TC Bonanza	4-6	Cont. TSIO-520-UB, 300 hp/CS	612/102	3,850	195 @ 25,000/96/16	984 @ 25,000	2,130	1,053	25,000	57	\$244,800	
				2,410 1,440	†188 @ 25,000/86/14	1,022 @ 25,000†	1,692					
†69% power. Price includes engine gauges, nav/com, VOR/LOC, turbocharged engine, individual toe brakes, gyro instrumentation, clock, fuel gauges, logbooks and manuals, polyurethane exterior paint and ELT.												
BEECH F33A Bonanza	4-5	Cont. IO-520-BB, 285 hp/CS	444/74	3,400	172 @ 6,000/91/15	715 @ 6,000	1,740	1,157	17,858	51	\$135,750	
				2,266 1,134	163 @ 8,000/80/13	777 @ 10,000	1,300					
Standard equipment includes IFR package. F33C aerobatic version available for \$184,500 (IFR avionics not included).												
BELLANCA 17-30A Super Viking	4	Cont. IO-520-K, 300 hp/CS	360/60 450/75	3,325	176 @ NA/96/14	†1,070 @ NA	1,420	1,210	20,000	61	\$96,000	
				2,185 1,140	NA	NA	1,340					
†No reserve. Price includes dual controls, engine gauges, three-blade propeller and pitot static system.												
LAKE LA-250 Renegade	6	Lyc. IO-540-C4B5, 250 hp/CS	324/54 540/90	3,050	132 @ 6,500/75/12.5	851 @ 6,500	1,250	980	12,500	48	\$213,000	
				1,850 1,200	125 @ 6,500/66/11	929 @ 6,500	900 (water) 1,590 1,150 (land)					

Price includes dual controls, engine gauges, gyro instruments, pitot-static system, paddle, bowline and cargo door. Cruise speed above 14,000 feet is 140 knots.

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Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Cruise Speed (kt)/ Fuel Flow		Range w/45-min rsv (nm) 75% @ alt 65% @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Max Optg. Altitude	Stall Speed (landing config., kt)	Base Price
					75% @ alt 65% @ alt	75% @ alt 65% @ alt						
LAKE LA/250 Turbo Renegade	4	Lyc. TIO-540-AA 1A D, 250 hp/CS	324/54 540/90	3,050 1,930 1,120	†148 @ 20,000/94.8/15.8	851 @ 6,500 929 @ 6,500	1,250 900 (water) 1,590 1,150 (land)	980	23,800	48	\$235,500	
<i>†78% power. Price includes dual controls, engine gauges, gyro instruments, pitot-static system, paddle, bowline and cargo door.</i>												
LAKE LA4/200 EP	4	Lyc. IO-360-A1B6, 200 hp/CS	324/54 540/90	2,690 1,660 1,030	127 @ 6,500/60/10 122 @ 6,500/54/9	590 @ 6,500 640 @ 6,500	1,450 900 (water) 1,575 1,100 (land)	980	12,500	38	\$152,000	
<i>1987 price. Includes dual controls, engine gauges, full TSO'd gyro panel, heated pitot, corrosion proofing, cargo door, paddle and bowline.</i>												
MOONEY M20J 201	4	Lyc. IO-360-A3B6D, 200 hp/CS	384/64 —	2,740 1,671 1,069	168 @ 8,000/64.8/10.8 163 @ 11,500/57.6/9.6	830 @ 4,000 910 @ 6,000	1,770 1,988	1,030	18,600	54	\$98,400	
<i>Price includes King avionics package: KMA 24 audio panel, KX 155 nav/com w/GS, KI 209 VOR/LOC/GS indicator, KX 155 nav/com, KI 208 VOR/LOC indicator, KR 86 ADF, KT 76A transponder, mike, ELT system, strobe lights, chrome disc brakes, tinted windshield and windows.</i>												
MOONEY M20J 205	4	Lyc. IO-360-A3B6D, 200 hp/CS	384/64 —	2,740 1,691 1,049	171 @ 8,000/64.8/10.8 166 @ 11,500/57.6/9.6	860 @ 4,000 940 @ 6,000	1,770 1,988	1,060	18,600	54	\$104,800	
<i>Price includes 28 VDC electrical system, 70-amp alternator, strobe lights, electric cowl flaps, chrome disc brakes, fuel flow totalizer, ELT system, tinted windshield and windows and sun visor.</i>												
MOONEY M20K 252	4	Cont. TSIO-360-MB1, 210 hp/CS	456/76 —	2,900 1,800 1,100	†202 @ 28,000/76.2/12.7 185 @ 28,000/66/11	†935 @ 28,000 1,040 @ 28,000	2,000 2,300	1,080	28,000	59	\$139,900	
<i>†78.6% power. Price includes 28 VDC electrical system, 70-amp alternator, strobe lights, electric cowl flaps, chrome disc brakes, fuel flow totalizer, ELT system, tinted windshield and windows, sun visor and standby vacuum system.</i>												
MOONEY M20L PFM	4	Porsche PFM3200-NO3, 217 hp/CS	363/60.5 —	2,900 2,033 867	161 @ 8,000/70.8/11.8 153 @ 8,000/61.8/10.3	820 @ 12,000 882 @ 12,000	2,550 1,910	1,030	19,300	57	\$158,625	
<i>Price includes 28 VDC electrical system, dual 70-amp alternators, Bosch-K-Jetronic fuel injection system, dual Magneti Marelli electronic ignition system, single control throttle and prop governor system, auxiliary power plug, blind encoder, recognition lights, deluxe interior with vertical-adjust seats and center armrest, headrest, deluxe control wheels, chrome disc brakes, strobe lights, tinted windshield and windows, sun visors and ELT system.</i>												
PIPER PA-28RT-201T Turbo Arrow IV	4	Cont. TSIO-360-FB, 200 hp/CS	462/77 —	2,900 1,692 1,208	172 @ 18,500/84/14 167 @ 20,000/78/13	790 @ 18,000 830 @ 18,000	1,620 1,560	940	20,000	61	\$134,990	
PIPER PA-32R-301 Saratoga SP	6-7	Lyc. IO-540-K1G5D, 300 hp/CS	642/107 —	3,600 1,999 1,601	159 @ 6,200/108/18 153 @ 10,400/96/16	865 @ 6,400 937 @ 10,400	1,573 1,530	1,010	16,700	57	\$171,990	
PIPER PA-46-310P Malibu	6	Cont. TSIO-520-BE, 310 hp/CS	732/122 —	4,100 2,466 1,634	215 @ 25,000/96/16 205 @ 25,000/84/14	1,330 @ 25,000 1,420 @ 25,000	2,025 1,800	1,143	25,000	59	\$329,990	
<i>Price includes full IFR equipment and ELT.</i>												

MULTI-ENGINE PISTON

Manufacturer and Model	Seats	Powerplants	Fuel Capacity Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Cruise Speed (kt)/ Fuel Flow		Range w/45-min rsv (nm) 75% @ alt 65% @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb/ Engine out ROC (fpm)	Max Optg. Altitude/ SE Svc Ceiling (ft)	Stall Speed (landing config., kt)	Base Price
					75% @ alt 65% @ alt	75% @ alt 65% @ alt						
BEECH 58 Baron	4-6	2 Cont. IO-550-C, 300 hp ea	816/ 136 1,164/ 194	5,500 3,481 2,019	200 @ 8,000/190/32 192 @ 8,000/174/29	1,161 @ 8,000 1,348 @ 12,000	2,300 2,450	1,735 390	20,688 7,284	75	\$399,900	
<i>Price includes engine gauges, nav/com, ADF and pitot-static system.</i>												
MAEL BA42 Twin	6-8	2 Cont. IO-360/D, 210 hp ea	900/ 150 —	4,250 2,300 1,950	174 @ 10,000/99/16.5 NA	1,200 @ 10,000 NA	1,800 1,800	800 135	28,000 17,000	57 64	\$190,000	
<i>Price includes base avionics. Optional turbocharged engine available.</i>												
PARTENAVIA P68 Observer (fg)	6-7	2 Lyc. IO-360-A1B6, 200 hp ea	852/ 142 —	4,387 2,821 1,566	165 @ 7,500/126/21 160 @ 7,500/180/19	1,060 @ 7,500 1,140 @ 7,500	1,270 1,570	1,600 320	20,000 7,800	56 60	\$414,000	

1987 data

Manufacturer and Model	Seats	Powerplants	Fuel Capacity: Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Cruise Speed (kt)/ Fuel Flow 75% @ alt/pph/gph 65% @ alt/pph/gph	Range w/45-min rsv (nm) 75% @ alt 65% @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb/ Engine out ROC (fpm)	Max Optg. Altitude/ SE Svc Ceiling (ft)	Stall Speed (landing config., kt)	Base Price
PARTENAVIA P68C (fg)	6-7	2 Lyc. IO-360-A1B6, 200 hp ea	852/142 —	4,387 2,711 1,676	166 @ 7,500/126/21 161 @ 7,500/108/18	1,050 @ 7,500 1,140 @ 7,500	1,300 1,600	1,500 270	19,200 6,900	57 60	\$374,000
<i>1987 data.</i>											
PARTENAVIA P68C-TC Turbo (fg)	6-7	2 Lyc. TIO-360-C1A6D, 210 hp ea	852/142 —	4,387 2,866 1,521	172 @ 12,000/162/27 158 @ 12,000/120/20	775 @ 12,000 940 @ 12,000	1,260 1,600	1,550 290	25,000 14,500	57 63	\$433,000
<i>1987 data.</i>											
PILATUS BRITTEN-NORMAN BN 2B-20 Islander (fg)	10	2 Lyc. IO-540-K1B5, 300 hp ea	780/130 —	6,600 4,244 2,356	148 @ 7,000/180/30 145 @ 7,000/168/28	600 @ 7,000 660 @ 7,000	1,110 980	1,130 198	19,700 6,150	40 NA	\$430,275
<i>Equipped to ICAO public transportation standards. Price includes dual controls, engine gauges, gyro instrumentation, avionics package and pitot-static system. Approved for FAR Part 135 operation in known icing conditions, when properly equipped.</i>											
PILATUS BRITTEN-NORMAN BN 2B-21 Islander (fg)	10	2 Lyc. IO-540-K1B5, 300 hp ea	1,134/189 —	6,600 4,321 2,279	148 @ 7,000/180/30 145 @ 7,000/168/28	800 @ 7,000 880 @ 7,000	1,110 980	1,130 223	19,700 7,000	40 NA	\$449,722
<i>Equipped to ICAO public transportation standards. Price includes dual controls, engine gauges, gyro instrumentation, avionics package and pitot-static system. Optional wing tanks. Approved for FAR Part 135 operation in known icing conditions when properly equipped.</i>											
PILATUS BRITTEN-NORMAN BN 2B-26 Islander (fg)	10	2 Lyc. O-540-E4C5, 260 hp ea	780/130 —	6,600 4,114 2,486	140 @ 7,000/168/28 138 @ 7,000/150/25	700 @ 7,000 750 @ 9,000	1,160 980	860 145	13,600 4,400	40 NA	\$391,650
<i>Equipped to ICAO public transportation standards. Price includes dual controls, engine gauges, avionics package, gyro instrumentation and pitot-static system. Optional wing tip tanks. Approved for FAR Part 135 operation in known icing conditions when properly equipped.</i>											
PILATUS BRITTEN-NORMAN BN 2B-27 Islander (fg)	10	2 Lyc. O-540-E4C5, 260 hp ea	1,134/189 —	6,600 4,191 2,409	140 @ 7,000/168/28 138 @ 7,000/156/26	800 @ 7,000 850 @ 7,000	1,160 980	860 170	14,500 5,150	40 NA	\$411,097
<i>Equipped to ICAO public transportation standards. Price includes dual controls, engine gauges, gyro instrumentation, avionics package and pitot-static system. Optional wing tip tanks. Approved for FAR Part 135 operation in known icing conditions when properly equipped.</i>											
PIPER PA-34-220T Seneca III	6-7	2 Cont. TSIO-360-KB, 220 hp ea	588/98 768/128	4,750 2,852 1,898	193 @ 20,000/174/29 191 @ 24,000/138/23	463 @ 20,000 550 @ 20,000	1,210 1,978	1,400 240	25,000 12,300	62 65	\$232,990

TURBOPROP

Manufacturer and Model	Seats	Powerplants	Fuel Capacity: Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Cruise Speed (kt)/ Fuel Flow Max @ alt/pph/gph Econ @ alt/pph/gph	Max Range w/45-min rsv (nm) @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb/ Engine out ROC (fpm)	Max Optg. Altitude/ SE Svc Ceiling (ft)	Stall Speed (landing config.)/ Vmc (kt)	Base Price
AEROSPATIALE/AERITALIA ATR 42-300	42-50	2 P&W PW 120, †2,000 shp ea	9,920/1,513 —	36,817 22,674 14,143	265 @ NA/1,212/170	900 @ MTOW	3,575 3,380	1,300 ††300	25,000 11,000	81.5 88.5	\$7,400,000
<i>†Optional P&W 121. †† @ MTOW.</i>											
AGUSTA SIAI MARCHETTI SF260TP	2	1 Allison 250-B17D, 350 shp	392/64 —	2,646 1,720 926	230 @ 10,000/205/31 216 @ 10,000/185/28	512 @ 10,000	977 1,006	2,170 NA	25,000 NA	61 NA	NA
<i>Fully aerobatic.</i>											
AGUSTA SIAI MARCHETTI SF600TP Canguro	11	2 Allison 250-B17F, 450 shp ea	1,896/284 —	8,047 4,325 3,722	163 @ SL/NA/NA 145 @ SL/NA/NA	790 @ 10,000	2,500 2,000	1,350 370	25,000 NA	71 NA	NA
<i>Available with fixed or retractable gear.</i>											
AIRTECH (CASA/NURTANIO) CN-235-100	40-44	2 GE CT7-9, 1,800 shp ea	9,045/1,380 9,212/1,396	31,746 20,723 11,023	244 @ 15,000/1,059/158 192 @ 15,000/782/117	2,050 @ 18,000 2,325 @ 18,000	2,255 1,920	1,527 420	26,075 14,925	84 88	\$7,800,000
<i>Weight differs for cargo version.</i>											
BEECH 1900 Airliner/Executive	14-18	2 P&W PT6A-65B, 1,100 hp	4,470/667 —	16,600 9,700 6,900	260 @ 22,000/684/102 231 @ 25,000/540/81	1,636 @ 25,000	3,260 2,560	2,320 490	25,000 13,000	88 89	\$3,997,500
<i>Price includes complete anti-ice and deice equipment, IFR avionics, air conditioning, fire protection and detection systems, interior, oxygen system and exterior lighting with strobe lights.</i>											

*Gross Weight, sea level; CS—Constant Speed; NA—Information Not Available; fg—fixed gear; shp—shaft horsepower

1988 GENERAL AVIATION AIRCRAFT DIRECTORY

Manufacturer and Model	Seats	Powerplants	Fuel Capacity: Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Cruise Speed (kt)/ Fuel Flow Max @ alt/pph/gph Econ @ alt/pph/gph	Max Range w/45-min rsv (nm) @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb/ Engine out ROC (fpm)	Max Optg. Altitude/ SE Svc Ceiling (ft)	Stall Speed (landing config.)/ Vmc (kt)	Base Price
BEECH 300 Super King Air	8-15	2 P&W PT6A-60A, 1,050 shp ea	3,611/ 539	14,000 8,490 5,510	317 @ 24,000/798/119 295 @ 35,000/518/77	1,959 @ 35,000	1,992 2,907	2,844 867	35,000 22,878	81 92	\$2,967,400
<i>Price includes dual controls, engine gauges, dual nav/com, transponder, radar, DME, ADF, marker beacon, gyro instrumentation, pitot-static system, pressurization, reversible four-blade props, engine-fire detection system, emergency oxygen system, air conditioning and exterior paint. Certification under SFAR 41.</i>											
BEECH B200 Super King Air	8-15	2 P&W PT6A-42, 850 shp ea	3,645/ 544	12,500 8,060 4,440	289 @ 18,000/746/111 279 @ 29,000/518/77	1,974 @ 31,000	2,579 2,074	2,450 740	35,000 21,900	75 86	\$2,599,500
<i>Price includes dual controls, engine gauges, dual nav/com, transponder, radar, DME, ADF, marker beacon, gyro instrumentation, pitot-static system, pressurization, reversible three-blade props, engine-fire detection system, emergency oxygen system, air conditioning and exterior paint.</i>											
BEECH C90A King Air	6-10	2 P&W PT6A-21, 550 shp ea	2,573/ 384	10,100 6,580 3,520	247 @ 16,000/592/88 195 @ 26,000/304/45	1,277 @ 21,000	2,577 2,078	2,003 554	28,900+ 14,260	78 90	\$1,640,000
<i>Price includes dual controls, engine gauges, dual nav/com, transponder, DME, ADF, marker beacon, gyro instrumentation, pitot-static system, pressurization, air conditioning and exterior paint. Pressurization differential, five psi.</i>											
BRITISH AEROSPACE Jetstream Super 31	9-19	2 Garrett TPE331-12, 1,020 shp ea	3,153/ 525	16,204 9,710 3,341	270 @ 25,000/NA/NA NA	NA	NA NA	NA NA	NA NA	NA NA	\$3,600,000
BRITISH AEROSPACE Jetstream 31	9-19	2 Garrett TPE331-10UG/UGR-514H, 940 shp ea	3,029/ 504	15,322 9,659 5,663	258 @ 15,000/703/105 237 @ 25,000/497/74	1,200 @ 25,000	3,300 3,825	2,080 480	25,000 12,000	84 90	\$3,500,000
<i>Price includes dual controls, engine instrumentation, Collins avionics/weather radar and Sperry flight director.</i>											
CASA C-212-300	23	2 Garrett TPE331-10R-513C, 900 shp ea	3,527/ 528	16,975 10,648 6,327	195 @ 10,000/773/115 166 @ 10,000/563/84	830 @ 10,000	2,129 1,909	1,670 341	26,100 9,900	74 85	\$3,300,000
<i>Passenger version. Weights differ for cargo version.</i>											
CESSNA/REIMS 406 Caravan II	10-14	2 P&W PT6A-112, 500 shp ea	3,223/ 481	9,435 5,033 4,402	236 @ 10,000/472/70 181 @ 10,000/397/59	1,287 @ 10,000	2,635 2,485	1,851 396	30,000 16,200	75 90	\$1,395,000
<i>SFAR certification (14 seats).</i>											
CESSNA 208 Caravan I (fg)	1-10	1 P&W PT6A-114, 600 shp	2,245/ 335	8,035 3,862 4,173	184 @ 10,000/360/54 149 @ 10,000/263/40	970 @ 10,000	2,210 1,655	1,050 NA	30,000 NA	61 NA	\$768,500
<i>Price includes nav/com, ADF, transponder, engine instruments, gyro instruments and reversible propeller.</i>											
DE HAVILLAND DHC-6 Series 300 Twin Otter (fg)	20	2 P&W PT6A-27, 620 shp ea	2,583/ 380 3,190/ 469	12,500 7,440 5,059	182 @ 10,000/655/97 145 @ 10,000/452/66	620 @ 10,000 780 @ 10,000	+1,500 +1,500	1,510 340	25,000 11,600	58 66	\$2,000,000 (est)
<i>Fully equipped for airline service. †Per SFAR 23.</i>											
DE HAVILLAND DHC-7 Series 150 Dash 7	50-54	4 P&W PT6A-50, 1,120 shp ea	10,155/ 1,493 17,855/ 2,626	47,000 27,620 19,380	230 @ 10,000/1,910/280 210 @ 16,100/1,453/205	1,200 @ 15,000 1,320 @ 15,000	+2,600 +2,250	1,075 550	25,000 19,000	77 65	\$7,500,000 (est)
<i>Fully equipped for airline service. †Per FAR Part 25.</i>											
DE HAVILLAND DHC-8 Series 100 Dash 8	36-40	2 P&W PW 120A, 2,000 shp ea	5,678/ 835 10,244/ 1,506	34,500 22,000 12,500	265 @ 15,000/1,260/185 236 @ 25,000/870/125	1,185 @ 25,000 1,560 @ 25,000	+3,150 +2,980	1,560 450	25,000 15,000	72 75	\$7,500,000 (est)
<i>Fully equipped for airline service. †Per FAR Part 25.</i>											
DORNIER 228-202	19	2 Garrett TPE331-5-252D, 715 shp ea	4,156/ 620 4,962/ 741	13,668 8,262 5,406	231 @ 10,000/690/103 182 @ 10,000/480/71	1,490 @ 10,000	2,250 1,760	1,800 420	28,700 15,000	65 74	NA
EMBRAER EMB-110 P1A/41 Bandeirante	18-19	2 P&W PT6A-34, 750 shp ea	2,884/ 440	13,007 8,007 5,000	224 @ 10,000/NA 178 @ 10,000/NA	1,003 @ 10,000	2,650 2,664	1,640 370	21,500 9,900	73 84	\$2,400,000
<i>Price includes complete hydraulic, electric and fuel systems, air conditioning, thermo-acoustical insulation, heated pitot and static ports, flap asymmetry detection system, complete interior/exterior lighting system including strobe lights, dual controls and instruments, dual windshield wipers, smoke detection system, adjustable pilot and copilot seats, large rear cargo door, front airstair door, three emergency exits, complete exterior polyurethane paint.</i>											
EMBRAER EMB-120 Brasilia	28-30	2 P&W PW 118, 1,800 shp ea	5,863/ 875	25,353 15,163 10,190	300 @ 22,000/949/142 260 @ 25,000/812/121	1,860 @ 25,000	4,659 4,495	2,120 675	30,000 17,000	88 94	\$5,674,360
<i>Price includes dual controls, complete commuter interior, avionics panel, autopilot, exterior paint, galley, closet, baggage bin and oxygen system.</i>											

Manufacturer and Model	Seats	Powerplants	Fuel Capacity: Standard Optional (lb/gal)	Gross Wgt/Empty Wgt/Useful Load	Cruise Speed (kt)/Fuel Flow Max @ alt/pph/gph Econ @ alt/pph/gph	Max Range w/45-min rsv (nm) @ alt	Takeoff/Landing Distance (over 50' obst)	*Rate of Climb/Engine out ROC (fpm)	Max Optg. Altitude/SE Svc Ceiling (ft)	Stall Speed (landing config)/Vmc (kt)	Base Price
FAIRCHILD SA227-AC Metro III/Expediter	21	2 Garrett TPE331-11U-612G, 1,100 shp ea	4,342/648 —	14,500/9,185/5,315	280 @ 15,000/704/105 254 @ 26,000/471/70	2,010 @ 26,000	3,200/2,715	2,570/670	31,000/14,250	88/87	\$3,060,000
<i>Standard equipment includes dual controls, engine gauges, gyro instrumentation, pitot-static system, continuous alcohol/water injection system, power nosewheel steering, reversible four-blade props with synchrophaser, engine-fire detection/extinguisher, strobe lights, 21-place airline interior with 19 quick removable passenger seats, cockpit/cabin fire extinguishers, oxygen system, complete anti-ice/deicing systems, air conditioning, exterior urethane paint in customer's livery. Empty weight includes crew. An increased gross weight version (16,000-lb MGTOW) is available. Base price in effect through March 1988.</i>											
FAIRCHILD SA227-AT Fairchild IV C	12-14	2 Garrett TPE331-11U-612G, 1,100 shp ea	4,342/648 —	14,500/9,520/4,980	285 @ 15,000/713/106 257 @ 28,000/473/71	2,080 @ 26,000	3,200/2,715	2,600/670	31,000/14,250	88/87	\$3,285,000
<i>Standard equipment includes dual controls, engine gauges, gyro instrumentation, pitot-static system, continuous alcohol/water injection system, power nosewheel steering, reversible four-blade props with synchrophaser, engine-fire detection/extinguisher, strobe lights, 14-place executive interior with lavatory and hardwood dividers, cockpit/cabin fire extinguishers, oxygen system with automatic presentation masks, complete anti-ice/deicing systems, air conditioning and exterior urethane paint. An increased gross weight version (16,000-lb MGTOW) is available.</i>											
FOKKER Fokker 50	58	2 P&W PW 125B, 2,250 shp ea	9,090/1,357 —	45,900/27,886/18,014	285 @ 20,000/1,322/197 230 @ 20,000/919/137	1,586 @ NA	4,450/3,700	NA	25,000/15,000	71/NA	\$9,500,000
PARTENAVIA AP 68TP-300 Spartacus (fg)	8-9	2 Allison 250-B17C, 328 shp ea	1,500/224 —	5,732/3,241/2,491	200 @ 12,000/281/42 180 @ 12,000/261/38	908 @ 12,000	1,267/1,405	2,057/690	25,000/14,000	65/75	\$1,040,000
<i>1987 data.</i>											
PARTENAVIA AP68TP-Series 600 Viator	10-11	2 Allison 250-B17C+, 328 shp ea	1,500/224 —	6,283/3,616/2,667	220 @ 12,000/NA/50 170 @ 12,000/NA/46	880 @ 12,000	1,515/1,650	1,930/430	25,000/11,000	70/75	\$1,209,000
<i>1987 data.</i>											
PILATUS BRITTEN-NORMAN BN-2T Turbine Islander (fg)	10	2 Allison 250B-17C, 320 shp ea	1,451/215 —	7,000/4,040/2,960	170 @ 10,000/396/65 155 @ 10,000/304/50	590 @ 10,000	1,250/1,250	1,050/215	25,000/10,000	45/45	\$870,300
<i>Price includes dual controls, engine gauges, gyro instrumentation, avionics package, pitot-static system and ELT. Approved for FAR Part 135 operation in known icing conditions, when properly equipped.</i>											
PILATUS PC-6/B2-H4 Turbo-Porter (fg)	1-11	P&W PT6A-27, 550 shp	1,145/170/862/128	6,173/2,800/3,373	130 @ 10,000/282/42 115 @ 10,000/261/40	415 @ 10,000	1,558/1,033	1,010/NA	25,000/NA	52/NA	On request
<i>Air conditioning, ice protection, central warning system, engine instrumentation, standard navigation instrumentation and standard documentation are included. Price dependent on customer avionics and equipment installation. The aircraft can fulfill the following STOL and multi-purpose roles: passenger and freight transport, supply dropping, aerial ambulance, photography and survey, parachuting, crop spraying, fire fighting, target towing and snow operation with skis.</i>											
PILATUS PC-7 Turbo-Trainer	2	P&W PT6A-25A, 550 shp	835/125/848/126	7,055/2,932 —	224 @ 15,000/292/43 171 @ 20,000/170/25	742 @ 20,000	1,312/1,673	2,060/NA	25,000/NA	64/NA	On request
<i>Tandem dual controls, air conditioning, ice protection, oxygen system, dual engine instrumentation, dual central warning, dual standard navigation instrumentation, dual angle-of-attack indication and standard documentation are included. Price dependent on customer requirement (basic or advanced layout) for avionics and equipment installation. Certificated to full Aerobatic category, with fully inverted fuel and oil systems.</i>											
PILATUS PC-9	2	P&W PT6A-62, 950 shp	951/141/875/130	5,952/3,715 —	300 @ 20,000/380/56 208 @ 25,000/190/28	887 @ 25,000	1,220/1,765	4,100/NA	25,000/NA	70/NA	On request
<i>Tandem dual controls, ejection seats, anti-icing system, air conditioning/heating and oxygen systems, electronic limiter for torque and turbine temperature control, central warning system, dual engine and secondary instrument LCD panels, audio control system, dual standard navigation instrumentation, dual angle-of-attack indication and standard documentation are included. Price dependent on customer requirement for avionics and equipment installation. Certificated to full Aerobatic category, with fully inverted fuel and oil systems.</i>											
PIPER PA 42-1000 Cheyenne 400	8-9	2 Garrett TPE331-14, 1,000 shp ea	3,899/582 —	12,050/7,546/4,504	351 @ 24,000/940/140 294 @ 41,000/447/66	2,176 @ 41,000	2,232/2,042	3,242/999	41,000/27,000	84/99	\$2,575,000
<i>Price includes engine gauges, full IFR equipment, all-weather pitot-static system, dual controls, full deice equipment and environmental control system.</i>											
PIPER PA-42-720 Cheyenne III A	8-11	2 P&W PT6A-61, 720 shp ea	3,765/562 —	11,200/6,837/4,363	305 @ 22,000/760/113 282 @ 35,000/320/48	2,270 @ 35,000	2,325/2,340	2,380/625	35,000/23,200	89/93	\$2,536,550
<i>Price includes engine gauges, full IFR equipment, all weather pitot-static system, dual controls, full deice equipment and environmental control system.</i>											
SAAB Scania AB SF340 Commuter	30-35	2 GE CT7-5A2, 1,735 shp ea	5,690/850 —	28,000/17,615/10,385	272 @ 15,000/1,080/161 240 @ 25,000/625/93	1,584 @ 25,000 1,768 @ 25,000	†4,200/†3,400	1,850/500	25,000/16,200	86/98	\$6,900,000
<i>Price includes Collins EFIS, full IFR avionics, weather radar, 35-passenger airline interior and lavatory. †Per FAR Part 25.</i>											

*Gross Weight, sea level; NA—Information Not Available; shp—shaft horsepower

1988 GENERAL AVIATION AIRCRAFT DIRECTORY

Manufacturer and Model	Seats	Powerplants	Fuel Capacity: Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Cruise Speed (kt)/ Fuel Flow Max @ alt/pph/gph Econ @ alt/pph/gph	Max Range w/45-min rsv (nm) @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb/ Engine out ROC (fpm)	Max Optg. Altitude/ SE Svc Ceiling (ft)	Stall Speed (landing config.)/ Vmc (kt)	Base Price
SHORTS 330-200/ Sherpa	30	2 P&W PT6A-45R, 1,254 shp ea	3,840/ 576	22,900 14,701 8,199	190 @ 10,000/ 896/ 136 162 @ 10,000/ 693/ 105	798 @ 10,000	3,900 3,650	1,180 180	20,000 NA	74 76	\$3,740,000

Standard equipment includes all instrumentation necessary for airline use, prop synch, yaw damper and training for two pilots and two mechanics. Model with rear-loading freight door also available.

SHORTS 360-300	36-39	2 P&W PT6A-67R, 1,424 shp ea	NA	27,100 17,350 9,750	216 @ 10,000/ 1,046/ 158 182 @ 10,000/ 808/ 122	636 @ 10,000	4,380 4,000	965 225	20,000 NA	80 83	\$4,650,000
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Price includes equipment and furnishings needed for normal commuter operations, dual Collins Pro-Line avionics, weather radar, anti-ice, prop synch and training for two pilots and two mechanics.

TURBOFAN

Manufacturer and Model	Seats	Powerplants	Fuel Capacity: Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Long-Range Cruise Speed/ Fuel Flow kt @ alt/pph/gph	Max Range w/45-min rsv (nm) @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb/ Engine out ROC (fpm)	Bal Field Length (ft)	Max Optg. Altitude/ SE Svc Ceiling (ft)	Stall Speed (landing config.)/ Vmc (kt)	Base Price
AGUSTA-CAPRONI C22J Ventura	2	2 Microturbo TRS18-1, 325 lbst ea	703/ 109	2,760 1,628 1,132	175 @ 25,000/ 190/ 28	615 @ 20,000	1,804 2,730	1,930 400	NA 22,000	73 NA	NA	

Balanced field length not applicable under FAR Part 23. Fully aerobatic to +7.0/-3.5 G.

ASTRA JET CORPORATION 1125 Astra	7-9	2 Garrett TFE731-3A-200G, 3,700 lbst ea	9,365/ 1,398 8,695/ 1,298	23,650 12,323 11,327	415 @ 43,000/ 1,116/ 167	3,130 @ 41,000	5,250 2,645	4,500 1,150	5,250 25,000	45,000 25,000	90 98	\$5,450,000
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Price includes thrust reversers, removable 100-gallon fuel extension tank, single-point pressure refueling, hydraulic nosewheel steering, boosted ailerons, autopilot, angle-of-attack display, dual VHF nav/com, dual transponders, dual DME, dual RMI, dual compass systems, dual flight director systems, Collins five-screen EFIS, color radar, ADF, Davtron clock, marker beacon, stand-by gyro/power supply, complete interior, air conditioning, oxygen and paint.

BEECH Model 400 Beechjet	9-10	2 P&W JT 15D-5, 2,900 lbst ea	4,904/ 732	15,780 9,715 6,065	388 @ 41,000/ 831/ 124	1,930 @ 41,000	3,950 2,830	3,960 1,110	3,950 25,500	41,000 25,500	87 90	\$3,433,500
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Price includes full IFR instrumentation with integrated flight director/autopilot, dual controls, dual flight instrumentation, dual nav/com, dual RMI, marker beacon receiver, ADF, DME, transponder, radar, pressurization and exterior paint.

BOEING Corporate 737-300	10-50	2 CFM 56-3B-2, 22,000 lbst ea	35,584/ 5,311 57,375/ 8,500	139,000 75,220/ 78,620 63,780	429 @ 35,000/ 4,792/ 710	3,080 @ 35,000 (std) 4,700 @ 35,000 (opt)	+7,050 +4,580	3,400 NA	7,050 18,200	37,000 18,200	114 NA	NA
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+Gross weights: †138,500 lb; ††114,000 lb.

BRITISH AEROSPACE 146-100-30 Statesman	82	4 Lyc. ALF-502-R-5, 6,970 lbst ea	20,740/ 3,096 22,820/ 3,406	84,000 49,000 14,260	364 @ 31,000/ 3,532/ 527	1,675 @ 31,000	4,000 3,630	2,900 1,420	4,000 21,500	31,000 21,500	90 91	\$17,700,000
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Price is for fully equipped airliner.

BRITISH AEROSPACE BAe-800	8	2 Garrett TFE731-5R-1H, 4,300 lbst ea	10,000/ 1,667	27,400 15,120 12,280	440 @ 37,000/ 1,450/ 216	3,000 @ 43,000	5,200 4,350	3,500 780	5,400 24,000	43,000 24,000	87 110	\$5,710,000
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Price is for green aircraft including all engine controls. Normal completed price with APU, EFIS and full executive interior is \$6,900,000.

CANADAIR CL-601-3A Challenger	9-19	2 GE CF-34-3A, 8,650 lbst ea	16,665/ 2,487	43,250 20,485 22,765	425 @ 41,000/ 1,625/ 243	3,805 @ 41,000	5,400 3,300	4,443 1,314	5,400 29,000	41,000 29,000	103 NA	\$13,300,000
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Standard equipment includes thrust reversers, auxiliary power unit, nosewheel steer-by-wire, carbon brakes, dual flight director, VHF, com/nav, XPDR, DME, ADF, color radar, autopilot, dual controls and engine instruments. One engine APR rating: 9,140-lb thrust.

CESSNA 550 Citation II	8-10	2 P&W JT 15D-4, 2,500 lbst ea	5,009/ 742	13,500 7,416 6,084	343 @ 43,000/ 724/ 107	1,594 @ 43,000	NA 2,270	3,370 1,057	2,990 25,200	43,000 25,200	82 77	\$2,495,000
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CESSNA 650 Citation III	8-13	2 Garrett TFE731-3B-100S, 3,650 lbst ea	7,384/ 1,094	22,200 11,811 10,389	443 @ 43,000/ 1,241/ 184	2,525 @ 47,000	NA 2,900	3,699 805	5,180 23,500	51,000 23,500	97 98	\$6,125,000
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Price includes dual IFR instrumentation: five-inch FD/AP, dual nav/com, color radar, thrust reversers, full six-place interior with aft lavatory, heated baggage compartment, single-point refueling and custom paint.

CESSNA S550 Citation S/II	8-10	2 P&W JT 15D-4B, 2,500 lbst ea	5,820/ 862	15,300 8,049 7,251	355 @ 43,000/ 790/ 117	1,970 @ 43,000	— 2,640	3,040 860	3,240 24,000	43,000 24,000	82 83	\$3,395,000
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Price includes full IFR Cat. II instrumentation, Sperry FD/AP, Sperry color weather radar, Collins nav/com, dual controls, engine gauges, dual RMI, DME, ADF, transponder, angle-of-attack indicator, interior and exterior paint.

Manufacturer and Model	Seats	Powerplants	Fuel Capacity: Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Long-Range Cruise Speed/Fuel Flow kt @ alt/pph/gph	Max Range w/45-min rsv (nm) @ alt	Takeoff/Landing Distance (over 50' obst)	*Rate of Climb/ Engine out ROC (fpm)	Bal Field Length (ft)	Max Oplg. Altitude/ SE Svc Ceiling (ft)	Stall Speed (landing config.)/ Vmc (kt)	Base Price
DASSAULT Falcon 100	7-9	2 Garrett TFE731-2-1C, 3,230 lbst ea	5,912/882 —	18,740/10,800 7,940	431 @ 41,000/1,080/161	1,948 @ 41,000	4,500/2,200	4,600/1,535	4,500	45,000/17,000	81/97	On request
DASSAULT Falcon 200	8-9	2 Garrett ATF-6A-4C, 5,200 lbst ea	10,684/1,595 —	32,000/18,800 13,200	416 @ 39,000/1,520/227	2,589 @ 41,000	5,200/2,275	3,065/830	5,200	42,000/17,400	89/99	On request
DASSAULT Falcon 50	9-13	3 Garrett TFE731-3-1C, 3,700 lbst ea	15,520/2,316 —	38,800/21,100 17,700	409 @ 43,000/1,566/234	3,529 @ 45,000	4,700/2,200	3,430/2,200	4,700	49,000/31,000	77/82	On request
DASSAULT Falcon 900	12-15	3 Garrett TFE731-5A-1C, 4,500 lbst ea	19,065/2,845 —	45,500/22,573 22,927	428 @ 43,000/1,707/255	4,200 @ 45,000	5,300/2,300	3,500/1,765	5,300	51,000/NA	81/83	On request
FOKKER Fokker 100	119	2 R-R 183-03 Mk620-15, 13,550 lbst ea	23,080/3,445 —	98,000/53,975 44,025	404 @ 35,000/3,466/517	1,450 @ 35,000	6,200/4,600	2,400/NA	NA	35,000	99/NA	\$20,000,000
<i>Certified November 1987.</i>												
GULFSTREAM AEROSPACE Gulfstream IV	14-19	2 RR 183-03 Tay MK611-8, 13,850 lbst ea	29,500/4,370 —	73,600/35,500 38,100	459 @ 45,000/NA/NA	4,555 @ 45,000	5,180/3,400	3,816/1,278	5,180	45,000/27,000	108/102	On request
LEARJET 35A	10	2 Garrett TFE731-2-2B, 3,500 lbst ea	6,198/925 —	18,500/9,838 8,662	422 @ 43,000/965/144	2,232 @ 43,000	4,972/3,075	4,339/1,276	4,972	45,000/23,000	99/112	\$3,650,000
<i>Price includes complete interior, paint and IFR equipment, including integrated flight director/autopilot, copilot flight director, dual nav/com, ADF, dual DME, dual RMI, dual transponders, radio altimeter, color radar, long-range nav, high-frequency com, air/ground telephone, stand-by gyro/power supply, dual IFR instrumentation and thrust reversers.</i>												
LEARJET 36A	8	2 Garrett TFE731-2-2B, 3,500 lbst ea	7,400/1,104 —	18,500/9,838 8,662	426 @ 43,000/1,015/151	2,653 @ 43,000	4,972/3,075	4,339/1,276	4,972	45,000/23,000	99/112	On request
<i>Price includes complete interior, paint and IFR equipment, including integrated flight director/autopilot, copilot flight director, dual nav/com, ADF, dual DME, dual RMI, dual transponders, radio altimeter, color radar, long-range nav, high-frequency com, air/ground telephone, stand-by gyro/power supply, dual IFR instrumentation and thrust reversers.</i>												
LEARJET 55B/ER	12	2 Garrett TFE731-3AR-2B1, 3,700 lbst ea	7,049/1,052 —	21,750/12,519 9,231	419 @ 43,000/1,046/156	2,357 @ 45,000	5,600/3,300	4,059/1,000	5,600	51,000/24,600	103/99	\$5,076,000
<i>Price includes complete interior, paint and IFR equipment, including integrated digital avionics with five-tube EFIS, digital autopilot air data system, dual nav/com, ADF, dual DME, dual RMI, dual transponders, radio altimeter, color radar, stand-by instruments/power supply, dual audio and dual IFR instrumentation.</i>												
LEARJET 55B/LR	10	2 Garrett TFE731-3AR-2B1, 3,700 lbst ea	7,707/1,150 —	21,750/12,649 9,101	418 @ 43,000/1,076/161	2,556 @ 45,000	5,600/3,300	4,059/1,000	5,600	51,000/24,600	103/99	\$5,076,000
<i>Price includes complete interior, paint and IFR equipment, including integrated digital avionics with five-tube EFIS, digital autopilot air data system, dual nav/com, ADF, dual DME, dual RMI, dual transponders, radio altimeter, color radar, stand-by instruments/power supply, dual audio and dual IFR instrumentation.</i>												
LEARJET 55B	12	2 Garrett TFE731-3AR-2B1, 3,700 lbst ea	6,707/1,001 —	21,750/12,455 9,295	419 @ 43,000/1,030/154	2,250 @ 45,000	5,600/3,300	4,059/1,000	5,600	51,000/24,600	103/99	\$5,076,000
<i>Price includes complete interior, paint and IFR equipment, including integrated digital avionics with five-tube EFIS, digital autopilot air data system, dual nav/com, ADF, dual DME, dual RMI, dual transponders, radio altimeter, color radar, stand-by instruments/power supply, dual audio and dual IFR instrumentation.</i>												
MCDONNELL DOUGLAS MD-83	20-155	2 P&W JT8D-219, 21,000 lbst ea	62,444/9,320 —	160,000/83,000 77,000	M.80 @ NA/3,760/562	4,400 @ NA	5,000/3,900	1,800/NA	8,870	37,000/NA	86/NA	\$24,500,000
<i>1987 data.</i>												

ROTARY WING

Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity: Standard Optional (lb/gal, no rsv)	Gross Wgt/ Empty Wgt/ Useful Load	Max Cruise Speed kt @ alt/pph/gph	Never Exceed Speed (Vne, kt)	Max Range (nm) @ alt	Hover OGE (ft)	Hover IGE (ft)	Main Rotor Diameter (ft)/ # Blades	Base Price
AEROSPATIALE AS 332L-1 Super Puma	25	2 Turbomeca Makila IA-1, 1,877 shp ea	3,586/544 up to 6,081/926	18,960/9,745 9,215	144 @ SL/1,093/166	150	464 @ SL	7,544	10,660	51.2/4	\$6,650,000

Price includes dual controls engine gauges, gyro instrumentation, navigation and instrument lighting system.

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Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity: Standard Optional (lb/gal, no rsv)	Gross Wgt/ Empty Wgt/ Useful Load	Max Cruise Speed kt @ alt/pph/gph	Never Exceed Speed (Vne, kt)	Max Range (nm) @ alt	Hover OGE (ft)	Hover IGE (ft)	Main Rotor Diameter (ft)/ # Blades	Base Price
AEROSPATIALE AS 332L Super Puma	25	2 Turbomeca Makila, 1,755 shp ea	3,586/544 up to 6,087/926	18,960/9,560/9,400	144 @ SL/1,131/171	150	459 @ SL	6,070	8,200	51.2/4	On request
<i>Price includes dual controls, engine gauges, gyro instrumentation, navigation and instrument lighting system.</i>											
AEROSPATIALE AS 350B-1 Ecureuil	6-7	Turbomeca Arriel, 684 shp	933/141/827/125	4,850/2,505/2,345	130 @ SL/377/57	155	335 @ SL	6,560	9,184	35.1/3	\$695,000
<i>Price includes airspeed indicator, altimeter, rate-of-climb indicator, rotor tachometer, engine and fuel gauges, fire detection system, exterior and interior paint, clock, warning panel, OAT indicator on canopy, magnetic compass and pitot head. External gross weight—4,400 lb.</i>											
AEROSPATIALE AS 350B Ecureuil	6-7	Turbomeca Arriel, 641 shp	933/141/827/125	4,300/2,432/1,868	125 @ SL/315/48	147	389 @ SL	7,380	9,675	35.1/3	\$598,000
<i>Price includes airspeed indicator, altimeter, rate-of-climb indicator, torque meter, rotor tachometer, engine and fuel gauges, fire-detection system, exterior and interior paint, clock, warning panel, OAT indicator on canopy, magnetic compass and pitot heat. External gross weight—4,630 lb.</i>											
AEROSPATIALE AS 350D AStar MK III	6-7	Lyc. LTS-101-600A3, 615 shp	933/141/827/125	4,300/2,432/1,868	125 @ SL/312/47	147	416 @ SL	5,577	8,858	35.1/3	\$598,000
<i>Price includes airspeed indicator, altimeter, rate-of-climb indicator, torque meter, rotor tachometer, clock, warning panel, OAT indicator on canopy, magnetic compass, engine and fuel gauges, pitot-static system, fire-detection system and interior and exterior paint. External gross weight—4,630 lb.</i>											
AEROSPATIALE AS 355F-1 TwinStar	6-7	2 Allison 250-C20F, 420 shp ea	1,272/193/827/125	5,291/2,900/2,391	124 @ SL/435/66	150	391 @ SL	6,400	7,880	35.1/3	On request
<i>Price includes gyro instrumentation, engine gauges, skid landing gear with removable wheels and navigation and instrument lighting system. External gross weight—5,511 lb.</i>											
AEROSPATIALE AS 355F-2 TwinStar	6-7	2 Allison 250-C20F, 420 shp ea	1,272/193/827/125	5,600/2,933/2,667	122 @ SL/438/66	150	382 @ SL	4,920	6,560	35.1/3	\$1,075,000
<i>Price includes gyro instrumentation, engine gauges, skid landing gear with removable wheels and navigation and instrument lighting system.</i>											
AEROSPATIALE SA 365N-1 Dauphin 2	14	2 Turbomeca Arriel-IC-1, 724 shp ea	1,977/300/827/125	9,040/4,765/4,275	153 @ SL/691/105	160	460 @ SL	3,610	6,890	39/4	\$3,085,000
<i>Price includes enlarged Fenestron with 11 composite blades, SFIM 155D autopilot, copilot kit, power-assisted brakes, nosewheel caster lock, MRH gust stop.</i>											
AEROSPATIALE SA 365N Dauphin 2	14	2 Turbomeca Arriel, 700 shp ea	1,995/302/827/125	8,818/4,513/4,305	158 @ SL/704/106	160	506 @ SL	1,970	1,970	39.1/4	On request
<i>Price includes engine gauges and controls, gyro instrumentation, navigation and instrument lighting system.</i>											
AGUSTA 109 Mark II Plus	8	2 Allison 250-C20R-1, 450 shp ea	978/146/1,259/188	5,730/3,658/2,072	147 @ SL/402/60	168	318 @ SL (std) 407 @ SL (opt)	8,600	12,500	36.1/4	\$2,000,000
<i>Price includes full IFR instruments, corporate or EMS interior and SAS. Single-pilot IFR certified.</i>											
BELL 206 B III JetRanger III	5	Allison 250-C20J, 420 shp	614/91 —	3,200/1,635/1,565	116 @ 5,000/180/27	130	400 @ 5,000	8,800	12,800	33.3/2	\$475,000 1987 data.
BELL 206L-3 LongRanger III	7	Allison 250-C30P, 650 shp	743/110 —	4,150/2,200/1,950	116 @ 5,000/243/36	130	359 @ 5,000	5,400	16,500	37/2	\$695,000 1987 data.
BELL 212 Twin	15	2 P&W PT6T-3B, 900 shp ea	1,451/215 —	11,200/5,972/5,228	107 @ 4,000/650/96	100	238 @ 4,000	NA	†4,600	48/2	NA 1987 data. †Maximum altitude for takeoff and landing.
BELL 214ST	16-20	2 GE CT7-2A, 1,625 shp ea	2,936/435 —	17,500/9,481/8,019	138 @ 4,000/885/131	136	458 @ 4,000	1,000	†6,400	52/2	NA 1987 data. †Maximum altitude for takeoff and landing.

Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity: Standard Optional (lb/gal, no rsv)	Gross Wgt/ Empty Wgt/ Useful Load	Max Cruise Speed kt @ alt/pph/gph	Never Exceed Speed (Vne, kt)	Max Range (nm) @ alt	Hover OGE (ft)	Hover IGE (ft)	Main Rotor Diameter (ft)/ # Blades	Base Price
BELL 222B	8-10	2 Lyc. LTS-101-750C-1, 680 shp ea	1,266/188 —	8,250/4,900/3,350	138 @ 4,000/535/79	150	327 @ 4,000	6,400	†7,100	42/2	\$1,750,000
<i>1987 data. †Maximum altitude for takeoff and landing.</i>											
BELL 222UT	8-10	2 Lyc. 101-750C-1, 680 shp ea	1,661/246 —	8,250/4,903/3,347	134 @ 4,000/535/79	150	416 @ 4,000	6,400	†7,100	42/2	\$1,600,000
<i>1987 data. †Maximum altitude for takeoff and landing.</i>											
BELL 412	15	2 P&W PT6T-3B, 900 shp ea	2,228/330 —	11,900/6,470/5,430	125 @ 5,000/725/107	140	402 @ 5,000	NA	†1,400	46/4	NA
<i>1987 data. †Maximum altitude for takeoff and landing.</i>											
ENSTROM 280FX Shark	3	Lyc. HIO-360-F1AD, 225 hp	240/40 —	2,600/1,585/1,015	91 @ SL/88/14.7	102	344 w/aux fuel	8,700	13,200	32/3	\$188,900
<i>Price includes Loran, annunciator panel, graphic engine monitor, com radio with intercom, transponder, deluxe headsets, leather seats, baggage compartment and sliding vent windows.</i>											
ENSTROM F-28F Falcon	3	Lyc. HIO-360-F1AD, 225 hp	240/40 —	2,600/1,550/1,050	82 @ SL/88/14.7	97	301 w/aux fuel	8,700	13,200	32/3	\$168,700
<i>Estimated average price including night lighting, throttle correlator, engine gauges, airspeed, altimeter, compass, shoulder harness and all manuals. Engine is turbocharged.</i>											
MBB BK 117-B1	8-11	2 Lyc. LTS-101-750B-1, 550 shp ea MCP	1,248/183 —	7,055/3,759/3,296	134 @ SL/378/63	150	308 @ SL	†7,500	†9,600	36.1/4	\$1,855,000
<i>†ISA. Figures given are for maximum gross weight. Price includes engine instruments and indicators, pitot-static system, altimeter, airspeed indicator, magnetic compass, aircraft covers and ground handling wheels.</i>											
MBB BO 105 CB	4-5	2 Allison 250-C20B, 420 shp ea top	1,005/150 —	5,512/2,814/2,698	131 @ SL/318/53	131	310 @ SL	1,500	5,000	32.1/4	\$1,055,000
<i>Price includes engine instruments and indicators, pitot-static system, altimeter, airspeed indicator, magnetic compass, aircraft covers and ground handling wheels.</i>											
MBB BO 105 CBS	5-6	2 Allison 250-C20B, 420 shp ea top	1,005/150 —	5,512/2,868/2,644	131 @ SL/318/53	131	310 @ SL	1,500	5,000	32.1/4	\$1,160,000
<i>Price includes engine instruments and indicators, pitot-static system, altimeter, airspeed indicator, magnetic compass, aircraft covers and ground handling wheels.</i>											
MBB BO 105 LS-A3	5-6	2 Allison 250-C28C, 500 shp ea MCP	1,005/150 —	5,732/3,153/2,579	129 @ SL/336/56	130	278 @ SL	8,370	11,500	32.1/4	\$1,375,000
<i>Price includes engine instruments and indicators, pitot-static system, altimeter, airspeed indicator, magnetic compass, aircraft covers and ground handling wheels.</i>											
MCDONNELL DOUGLAS MD 500E	5	Allison 250-C20B, 375 shp	403/64/529/85	3,000/1,441/1,559	146 @ 5,000/234/37.8	152	319 @ 5,000	6,000	8,500	26.4/5	\$450,000
<i>Price includes engine gauges, annunciator panel, compass, altimeter, airspeed indicator, pitot-static system, strobe lights, automatic reignition and exterior paint.</i>											
MCDONNELL DOUGLAS MD 530F	5	Allison 250-C30, 425 shp	403/64/529/85	3,100/1,564/1,536	135 @ 5,000/245/37.8	152	239 @ 5,000	12,000	14,200	27.4/5	\$625,000
<i>Price includes engine gauges, annunciator panel, compass, altimeter, airspeed indicator, pitot-static system, strobe lights, automatic reignition and exterior paint.</i>											
ROBINSON R22 Beta	2	Lyc. O-320-B2C, 160 hp derated to 131 hp	115/19.2/178/29.7	1,370/826/544	96 @ 5,000/45/7.5	102	209 @ SL/313 w/aux fuel	5,200	6,970	25.2/2	\$92,850
<i>Standard equipment includes dual controls, King KY 197 com, rotor brake, rate-of-climb indicator, engine gauges, throttle synchronizer, low rotor rpm horn and light, night lights, quartz clock, landing and cockpit warning lights, anti-collision light, soundproofing, rotor blade tie-downs, windshield cover and two baggage compartments. Also available with optional IFR training package, police package or fixed utility float package.</i>											
SCHWEIZER 300C	3	Lyc. HIO-360-D1A, 225 hp derated to 190 hp	180/30/294/49	2,050/1,100/950	86 @ 4,000/72/12	95	211 @ 4,000	5,400	7,900	26.7/3	\$139,500
<i>1987 data.</i>											
SIKORSKY S-76A Mk II	14	2 Allison 250-C30S, 650 shp ea	1,897/281 —	10,500/5,930/4,570	144 @ 3,000/621/93	155	453 @ 3,000	1,200	2,400	44/4	\$2,550,000

*Gross Weight, sea level; OGE—Out of Ground Effect; IGE—In Ground Effect; NA—Information Not Available

1988 GENERAL AVIATION AIRCRAFT DIRECTORY

Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity: Standard Optional (lb/gal, no rsv)	Gross Wgt/ Empty Wgt/ Useful Load	Max Cruise Speed kt @ alt/pph/gph	Never Exceed Speed (Vne, kt)	Max Range (nm) @ alt	Hover OGE (ft)	Hover IGE (ft)	Main Rotor Diameter (ft)/ # Blades	Base Price
SIKORSKY S-76B	14	2 P&W PT6B-36, 981 shp ea	1,897/281 —	11,400 6,656 4,744	145 @ 3,000/785/117	155	331 @ 3,000	5,350	8,600	44 4	\$3,240,000
WESTLAND W30-100-60 Series	19	2 R-R Gem 60-3 Mk530, 1,185 shp ea	2,300/343 1,300/194	12,800 7,700 5,100	120 @ 3,000/625/93	120	395 @ NA	2,900	2,900	43.8 4	\$4,000,000

Price includes IFR package, dual controls and airline interior.

AGRICULTURAL

Manufacturer and Model	Seats	Powerplant/ Prop type	Hopper Capacity (gal)	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Working Speed (kt)/ pph/gph	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Stall Speed (landing config., kt)	Base Price
AIR TRACTOR AT-301	1	P&W R-1340, 600 hp/CS	320	456/76	7,500 3,800 3,700	105-123 192/32	NA	NA	52	\$108,000
<i>Price includes spray equipment and electrical system.</i>										
AIR TRACTOR AT-301B	1	P&W R-1340, 600 hp/CS	350	756/126	7,550 3,850 3,700	105-123 216/36	NA	NA	52	\$112,500
<i>Price includes spray equipment and electrical system.</i>										
AIR TRACTOR AT-400	1	P&W PT6A-15AO, 680 shp/CS	400	819/126	7,900 3,700 4,200	105-132 247/38	NA	NA	49	\$299,500
<i>Price includes spray equipment and electrical system.</i>										
AIR TRACTOR AT-400A	1	P&W PT6A-20, 550 shp/CS	350	819/126	7,200 3,300 3,900	105-123 247/38	NA	NA	48	\$175,000
<i>Price includes spray equipment and electrical system.</i>										
AIR TRACTOR AT-401	1	P&W R-1340, 600 hp/CS	400	756/126	8,250 4,100 4,150	105-123 216/36	NA	NA	46	\$125,900
<i>Includes 126-gallon fuel tanks, speed ring, all-metal empennage, hydromatic prop, 4-piston brakes and all spray equipment.</i>										
AIR TRACTOR AT-501	1	P&W R1340-59, 600 shp/CS	500	756/126	9,250 4,800 4,450	105-123 216/36	NA	NA	48	\$135,000
<i>Includes 126-gallon fuel tanks, speed ring, all-metal empennage, 3-blade hydromatic prop, dual 3-piston brakes and all spray equipment.</i>										
AIR TRACTOR AT-502	1	P&W PT6A-15AG, 680 shp/CS	500	819/126	8,800 4,160 4,640	105-132 247/38	NA	NA	46	\$320,000
<i>Includes all spray equipment and dual three-piston brakes.</i>										
AIR TRACTOR AT-503	2	P&W PT6A-45R, 1,100 shp/CS	500	1,690/260	10,500 4,800 5,700	110-140 370/57	NA	NA	51	\$495,000
<i>Includes all spray equipment, strobe lights and dual three-piston brakes.</i>										
AYRES S2R-1820 Bull Thrush	2	Wright R-1820, 1,200 hp/CS	510	1,368/228	10,000 4,990 5,010	90-130 360/60	750 950	2,033	60	\$169,500
<i>Price includes two-inch spray system, windshield wiper/washer, 24-volt/200-amp electrical system, 29-inch tires/wheels, aft crew seat, navigation/instrument and wing tip strobe lights.</i>										
AYRES S2R-600 Thrush	1	P&W R-1340, 600 hp/CS	400	636/106	6,900 3,700 3,200	90-100 187/31	1,350 675	1,040	57	\$135,500
<i>Price includes two-inch spray system, 24-volt electrical system, 50-volt alternator, electric starter, sealed cockpit, navigation/instrument and wing tip strobe lights.</i>										
AYRES S2R-T11/400 Turbo Thrush	1-2	P&W PT6A-11AG, 500 shp/CS	400	1,550/228	8,500 3,900 4,600	90-130 272/40	800 500	990	57	\$327,500
<i>Price includes Hartzell reversing full feathering propeller, centrifugal air filtration system, two-inch spray system, windshield wiper/washer, 24-volt/200-amp electrical system, 29-inch tires/wheels, aft facing crew seat, navigation/instrument and wing tip strobe lights.</i>										

*Gross Weight, sea level; OGE—Out of Ground Effect; IGE—In Ground Effect; NA—Information Not Available; CS—Constant Speed

1988 GENERAL AVIATION AIRCRAFT DIRECTORY

Manufacturer and Model	Seats	Powerplant/ Prop type	Hopper Capacity (gal)	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Working Speed (kt)/ pph/gph	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Stall Speed (landing config., kt)	Base Price
AYRES S2R-T15/400 Turbo Thrush	1-2	P&W PT6A-15AG, 680 shp/CS	400	1,550/228	8,500 3,900 4,600	90-130 272/40	800 500	1,350	57	\$35,150
<i>Price includes Hartzell reversing full feathering propeller, centrifugal air filtration system, two-inch spray system, windshield wiper/washer, 24-volt/200-amp electrical system, 29-inch tires/wheels, aft crew seat, navigation/instrument and wing tip strobe lights. Also available with 510-gallon hopper.</i>										
AYRES S2R-T34/510 Turbo Thrush	1-2	P&W PT6A-34AG, 750 shp/CS	510	1,550/228	8,500 3,900 4,600	90-130 272/40	800 500	1,750	57	\$395,500
<i>Price includes Hartzell reversing full feathering propeller, centrifugal air filtration system, two-inch spray system, windshield wiper/washer, 24-volt/200-amp electrical system, 29-inch tires/wheels, aft crew seat, navigation/instrument and wing tip strobe lights. Also available with 400-gallon hopper.</i>										
AYRES S2R-T65/510 Turbo Thrush	2	P&W PT6A-65R, 1,230 shp/CS	510	1,550/228	10,500 4,000 6,500	90-162 374/55	NA	3,750	57	\$595,500
<i>Includes Hartzell reversing five-blade propeller, centrifugal air filtration system, two-inch spray system, windshield wiper/washer, 24-volt/200-amp electrical system, 29-inch tires and wheels, aft crew seat, navigation/instrument and wing tip strobe lights. Also available with 400-gallon hopper.</i>										
NORMAN Aeroplane Fieldmaster	2	P&W PT6A-34AG, 750 shp/FP	547	1,647/244	10,000 4,480 5,520	NA	1,160 †300	730	61	\$400,000
<i>†With reverse thrust.</i>										
PEZETEL PZL M-18A Dromader	2	PZL-ASZ-62 IR, 1,000 hp/CS	660/700	1,140/190	†12,000 5,645 6,355	100-125 252/300	1,500 NA	NA	63	\$177,995
<i>†Cam 8 weight. Price includes factory new engine, spray system and 600-hour or one-year warranty.</i>										
PEZETEL PZL M18 Turbo-Dromader	1 or 2	PT6-45, 1,167/5 bld/CS	660/700	1,235/190	†12,449 5,059 7,390	135-150 342/57	1,500 NA	NA	60	NA
<i>†Cam 8 weight. Available as single or dual seat.</i>										
SCHWEIZER G-164B-600 Turbine Ag-Cat	1	P&W PT6A-15AG, 680 shp/CS	400	540/80	7,020 3,150 3,870	113 NA	1,500 NA	NA	NA	\$302,837
<i>1987 data.</i>										
SCHWEIZER G-164B	1	P&W R-985, 450 hp/CS	325	384/64	7,020 3,625 3,395	90-100 138/23	1,300 1,100	730	60	\$119,775
<i>1987 data.</i>										
SCHWEIZER G164B Ag-Cat	1	P&W R-1340, 600 hp/CS	400	480/80	7,020 3,650 3,370	90-105 198/33	1,050 NA	NA	52	\$139,256
<i>1987 data.</i>										
WEATHERLY AVIATION 620	1	P&W R985, 450 hp/CS	335	390/65	†5,850 2,900 2,950	82-100 144/24	NA	700	50	\$95,200
<i>†Restricted category. Price includes standard spray system and 24-volt electrical system.</i>										

SAILPLANE

Manufacturer and Model	Seats	Gross Wgt/ Empty Wgt/ Ballast Wgt (lb)	Max Speed (kt)	Stall Speed (kt)	Airplane Tow (max kt)	Auto/Winch Tow (max kt)	Min Sink (kt)	Best Lift Over Drag Speed (kt)	Lowest Sink Rate (fps)	Glide Ratio	Length (ft)/ Span (ft)	Base Price
GLASER-DIRKS DG-101 Club	1	940 490 290	140	32	90	70	39	55	1.8	36:1	22.92 49.16	\$19,650
<i>Club-class sailplane with safety cockpit and fixed landing gear.</i>												
GLASER-DIRKS DG-101	1	940 500 290	140	33	90	70	39	57	1.8	39:1	22.92 49.16	\$20,100
<i>Price includes retractable landing gear, water ballast, oxygen mount, canopy cover and antenna.</i>												
GLASER-DIRKS DG-202/17	1	990 554 315	146	32	98	78	42	59	1.75	45:1	22.92 55.83	\$31,500
<i>Aircraft has insertable wing tips and can be flown either in the 15 M or 17 M configuration.</i>												

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Manufacturer and Model	Seats	Powerplants	Fuel Capacity: Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Useful Load	Cruise Speed (kt)/ Fuel Flow Max @ alt/pph/gph Econ @ alt/pph/gph	Max Range w/45-min rsv (nm) @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb/ Engine out ROC (fpm)	Max Optg. Altitude/ SE Svc Ceiling (ft)	Stall Speed (landing config.)/ Vmc (kt)	Base Price	
GLASER-DIRKS DG-202	1	990 528 300	146	33	98	78	42	59	1.8	42:1	22.92 49.92	\$28,350
<i>Features a large single piece canopy. "Kestrel type" trim and a parallelogram control stick.</i>												
GLASER-DIRKS DG-300 Standard	1	1,157 540 480	146	35	98	78	41	59	1.8	42:1	22.42 49.16	\$25,350
<i>Features an HQ airfoil with laminar boundary flow control on wings and an adjustable CG.</i>												
SCHEMPP-HIRTH Discus	1	1,157 503 NA	135	36	NA	NA	NA	42.2	116	NA	21.59 49.21	\$16,544
<i>1987 data.</i>												
SCHEMPP-HIRTH Janus C	2	1,543 783 NA	135	38	NA	NA	49	59	2.3	44:1	28.25 65.58	\$26,500
<i>1987 data.</i>												
SCHEMPP-HIRTH Nimbus 3/24.5	1	1,654 794 684	146	40	97	81	45	68	1.5	60:1	25.16 80	\$45,000
<i>1987 data.</i>												
SCHEMPP-HIRTH Ventus	1	1,102 485 331	135	38	97	81	43	64	2.1	44:1	21.42 49.16	\$17,900
<i>1987 data.</i>												
SCHLEICHER AFW-24	1	1,190 460 375	146	38	111	76	NA	57	1.7	43:1	21 49.21	\$30,000
<i>Flight instrumentation extra.</i>												
SCHLEICHER ASH-25	2	1,653 992 279	140	35	75	75	43	52	1.5	58.2:1	29.5 82.3	\$80,000
<i>Carbon, Kevlar construction. Flight instrumentation extra.</i>												
SCHLEICHER ASK-21	2	1,300 750	125	40	76	65	41	48	2	34:1	27 55.66	\$32,000
<i>Flight instrumentation extra.</i>												
SCHLEICHER ASK-23	1	838 507	119	32	80	67	38	48.6	2.1	34:1	23 49	\$28,000
SCHLEICHER ASW-20B	1	1,165 570 360	143	34	95	67	37	59	1.9	43:1	22 49.16	\$30,000
<i>No instruments.</i>												
SCHLEICHER ASW-20C	1	1,000 540 260	143	34	95	67	37	59	1.9	43:1	22 49.16	\$30,000
<i>Flight instrumentation extra.</i>												
SCHLEICHER ASW-22B	1	1,650 850 450	143	33	94	84	45	60	1.5	60:1	26 82	\$80,000
<i>Carbon, Kevlar construction. Flight instrumentation extra.</i>												

MOTORGLIDER

Manufacturer and Model	Seats	Powerplant/ Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Ballast Wgt (lb)	Max Speed Stall Speed (kt)	Takeoff Distance/ *Rate of Climb (fpm)	Minimum Sink (kt)	Best Lift Over Drag (kt)	Lowest Sink Rate (fps)	Glide Ratio	Length (ft)/ Span (ft)	Base Price
GLASER-DIRKS DG-400M/17	1	Rotax 505, 43 hp 88.4/ 13.6	1,012 631 200	146 34	454 700	43	59	1.8	45:1	22.92 55.83	\$49,400

Price includes fully retractable low noise (52dB) engine with dual electronic ignition. Wing-tip extensions and digital LCD instruments. Capable of water ballast. Construction of aircraft is composite with carbon fiber, fiberglass and Kevlar.

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Manufacturer and Model	Seats	Powerplant/ Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Ballast Wgt (lb)	Max Speed Stall Speed (kt)	Takeoff Distance/ *Rate of Climb (ft/m)	Minimum Sink (kt)	Best Lift Over Drag (kt)	Lowest Sink Rate (fps)	Glide Ratio	Length (ft)/ Span (ft)	Base Price
SCHEMPP- HIRTH Janus CM	2	NA, 60 hp NA	1,543 1,025 NA	135 37	NA NA	49	59	1.97	42.5	28.25 65.58	\$41,000
<i>1987 data.</i>											
SIREN PIK-30	1	Rofax 505, 43 hp 48/8	1,014 683 175	151 38	500 790	44	59	1.8	45:1	21.42 55.83	\$45,000
<i>Price includes tachometer, cylinder head temperature, fuel gauge and engine time.</i>											
VALENTIN Kiwi	1	König SC 430, 24 hp 48/8	838 552 NA	124 38	984 270	39.8	40	2.4	35:1	22.3 49.2	\$42,700
<i>Self-launching motorglider with retractable engine.</i>											
VALENTIN Taifun 17 II E	2	Limbach L2400, 90 hp 145/23	1,874 1,364 NA	132 36	715 571	51	60	5.6	28.6:1	25.6 55.8	\$77,700
<i>All fiberglass, electric/hydraulic retractable tricycle landing gear, one-man folding wings, flaps and spoilers and electrically controlled constant-speed propeller all standard equipment.</i>											

BALLOON

Manufacturer and Model	Crew	Diameter (ft)	Overall Height (ft)	Volume (cu ft)	System Wgt w/fuel (lb)	Max Cert Lift (payload, SL, lb)	FAI Category	Fuel Vol. (std tanks, lb)	Base Price
ADAMS A-B Air Bus	1-6	64	76	125,000	780	2,000	AX-9	174	\$16,995
<i>Price includes standard-cut envelope, Nomex throat, leather-trimmed basket, choice of deflation system, four fuel tanks and all FAA-required flight instruments.</i>									
ADAMS A37H	1	37	48	27,000	190	450	AX-3	43	\$5,395
<i>Price includes one fuel tank and hang harness.</i>									
ADAMS A50	1-3	50	60	55,000	605	1,000	AX-6	86-174	\$10,495
<i>Price includes complete leather-trimmed gondola, Nomex throat, choice of deflation system, two fuel tanks and all FAA-required flight instruments.</i>									
ADAMS A50S	1-3	50	63	62,000	615	1,250	AX-7	86-174	\$10,995
<i>Price includes complete leather-trimmed gondola, choice of deflation system, Nomex throat, two fuel tanks and all FAA-required instruments.</i>									
ADAMS A55	1-4	55	65	75,000	630	1,500	AX-7	86-174	\$11,995
<i>Price includes complete leather-trimmed gondola, Nomex throat, choice of deflation system, two fuel tanks and all FAA-required flight instruments.</i>									
ADAMS A55S	1-5	55	69	83,000	640	1,500	AX-8	86-174	\$12,495
<i>Price includes complete leather-trimmed gondola, choice of deflation system, Nomex throat, two fuel tanks and all FAA-required instruments.</i>									
ADAMS A60	5	60	72	105,000	740	1,500	AX-8	86-174	\$14,495
<i>Price includes complete leather-trimmed gondola, Nomex throat, choice of deflation system, two fuel tanks, all FAA-required flight instruments.</i>									
ADAMS A60S	6	60	77	120,000	774	2,000	AX-9	174	\$15,995
<i>Includes 4+ gondola, leather-trimmed, Nomex throat, dual burners, choice of deflation system, four fuel tanks and all FAA-required flight instruments.</i>									
ADAMS LD	1	42	51	34,000	370	600	AX-4	86	\$6,995
<i>Price includes complete leather-trimmed gondola, choice of deflation system, Nomex throat, one fuel tank and all FAA-required flight instruments.</i>									
ADAMS LDS	1	42	55	39,000	380	700	AX-4	86	\$7,495
<i>Price includes complete leather-trimmed gondola, choice of deflation system, Nomex throat, one fuel tank and all FAA-required flight instruments.</i>									
AEROSTAR Classic X	1-10	77	98	211,000	1,123	2,850	AX-10	214-428	\$32,395
<i>Price includes Free Flight system with choice of envelope design with Spring Top deflation system, IX/X basket with electronic instruments, HP/II single burner with afterburner and four 15-gallon stainless steel tanks.</i>									
AEROSTAR Orbiter Ultralight Gas Balloon	1	28.8	27	10,600	153	698	AA-2	NA	\$10,995
<i>Price includes balloon envelope, basket, ballast bags, valve, valve box, storage bag. Optional artwork on envelope.</i>									