

Manufacturer and Model	Seats	Powerplant/Prop type	Hopper Capacity (gal)	Fuel Capacity (lb/gal)	Gross Wgt/Empty Wgt/Max Payload (full fuel, lb)	Working Speed (kt)/pph/gph	Takeoff/Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Stall Speed (gear, flaps down, kt)	Price
MARSH Turbo Ag-Cat-C	1	Garrett TPE331, 715 shp/CS	500	540/80	8,500/3,212/4,748	78-117/204/30	700'/300'	1,800	47	NA
Price includes engine gauges, pitot-static system, automatic start sequencing, automatic fuel nozzle purging, full spray equipment, reversible prop-inlet and fuel deicing equipment.										
SCHWEIZER G-164B Turbine Ag-Cat	1	P&W PT6A-15AG, 680 shp/CS	400	540/80	5,200/3,150/3,330	113/NA	1,500'/NA	NA	NA	NA
Price includes choice of two hopper sizes and four different engines.										

## AMPHIBIAN

Manufacturer and Model	Seats	Powerplant/Prop type	Fuel Capacity (lb/gal)	Gross Wgt/Empty Wgt/Max Payload (full fuel, lb)	Cruise Speed (kt) 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)	Service Ceiling	Stall Speed (gear, flaps down, kt)	Price
LAKE LA-4-200 EP/EPR	4	Lyc. IO-360-A1B6, 200 hp/CS	324/54	2,690/1,670/1,020	122 @ 6,500'/60/10 115 @ 6,500'/54/9	548 @ 6,500' 604 @ 6,500'	1,450'/900' (water) 1,575'/1,100' (land)	880	12,500'	39	\$105,650 (EP) \$115,850 (EPR)
Price includes dual controls, engine gauges, full TSOed gyro panel, heated pitot, corrosion proofing, paddle and bowline. EPR features single-lever prop control reverse.											
LAKE LA-4-200 Turbo EP/EPR	4	Lyc. IO-360-A1B6, 200 hp/CS	324/54	2,690/1,698/992	143 @ 20,000'/66/11 127 @ 14,500'/54/9	640 @ 20,000' 666 @ 14,500'	1,450'/900' (water) 1,575'/1,100' (land)	880	20,000'	39	\$116,230 (turbo EP) \$126,430 (turbo EPR)
Price includes Rajay turbocharger, dual controls, engine gauges, full TSOed gyro panel, heated pitot, corrosion proofing, paddle and bowline. Turbo EPR features single-lever prop control reverse.											
LAKE LA-250 Renegade	6	Lyc. IO-540-C4B5, 250 hp/CS	540/90	3,050/1,950/1,100	127 @ 6,500'/78/13 120 @ 6,500'/72/12	833 @ 6,500' 855 @ 6,500'	1,250'/NA (water) 1,590'/1,150' (land)	900	12,500'	48	\$161,000
Price includes dual controls, engine gauges, gyro instruments, pitot-static system, ELT, paddle, bowline and cargo door. Optional prop reverse available.											

## ROTARY WING

Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity (lb/gal, no rsv)	Gross Wgt/Empty Wgt/Max Payload (full fuel, lb)	Cruise Speed kt @ alt/pph/gph	Never Exceed Speed (Vne, kt)	Max Range nm @ alt	Hover OGE	Hover IGE	Main Rotor Diameter/# Blades	Price
ROBINSON R22-Alpha	2	Lyc. O-320-B2C, 160 hp derated to 124 hp	115/19.2	1,370/824/431	96 @ 5,000'/45/7.5	102	209 @ SL	NA	6,970'	25'2"/2	\$77,850
Price includes dual controls, King KY197 com, rate-of-climb indicator, floor switch, engine gauges, throttle synchronizer, low rotor rpm horn and light, night lights, quartz clock, landing and cockpit warning lights, anticollision light and soundproofing.											
HYNES H-2	2	Lyc. IVO-360-A1A, 180 hp	186/31	1,670/1,000/500	83 @ SL/60/10	87	209 @ SL	4,000'	6,700'	23'7"/3	\$79,950
Price includes dual controls, night lights, rotor brake, engine gauges and pitot-static system.											
HYNES H-4	5	Lyc. IVO-540-A1A, 305 hp	258/43	2,900/1,600/1,060	96 @ SL/90/15	104	239 @ SL	3,000'	4,000'	28'5"/3	\$129,950
Price includes dual controls, night lights, rotor brakes, engine gauges and pitot-static system.											
SCHWEIZER 300C	3	Lyc. HIO-360-D1A, 225 hp, derated to 190 hp	180/30	2,050/1,046/824	86 @ 4,000'/96/16	91	211 @ 4,000'	5,400'	7,900'	26.8'/3	\$132,250
Price includes engine gauges, airspeed, altimeter, compass, elastomeric main rotor dampers, pitot-static system and exterior paint.											
ENSTROM F-28F Falcon	3	Lyc. HIO-360-F1AD, 225 hp	240/40	2,350/1,550/560	83 @ SL/88/14.7	97	230 @ SL	8,700'	13,200'	32'/3	\$142,750
Price includes 108-lb baggage compartment, night lighting, throttle correlator, engine gauges, airspeed, altimeter, Hamilton vertical compass, main rotor dampers, interior/exterior three-color paint, shoulder harness and all manuals. Engine is turbocharged.											

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



# 1984 GENERAL AVIATION AIRCRAFT DIRECTORY

Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity (lb/gal, no rsv)	Gross Wgt/Empty Wgt/Max Payload (full fuel, lb)	Cruise Speed kt @ alt/pph/gph	Never Exceed Speed (Vne, kt)	Max Range nm @ alt	Hover OGE	Hover IGE	Main Rotor Diameter/# Blades	Price
<b>ENSTROM 280F Shark</b>	3	Lyc. HIO-360-F1AD, 225 hp	240/40	2,350/1,550/560	88 @ SL/88/14.7	102	240 @ SL	8,700'	13,200'	32'3	\$146,950
Price includes 108-lb baggage compartment, night lighting, throttle correlator, engine gauges, airspeed, altimeter, Hamilton vertical compass, main rotor dampers, interior/exterior three-color paint, shoulder harness and all manuals. Engine is turbocharged.											
<b>HILLER 12E</b>	3	Lyc. VO-540-C2A, 305 hp	288/46	3,100/1,759/1,053	78 @ SL/114/19	84	210 @ SL	6,800'	10,400'	35'4"/2	\$152,500
Price includes standard or extended landing gear, ground handling wheels, engine gauges, electric trim, choice of color scheme, all-metal 6,670-hour main rotor blades, cargo hook hard point, dual carburetors and separate transmission oil system.											
<b>HILLER 12E4</b>	4	Lyc. VO-540-C2A, 305 hp	288/46	3,100/1,836/976	78 @ SL/97/16.2	84	210 @ SL	6,800'	10,400'	35'4"/2	\$176,000
Price includes standard or extended landing gear, ground handling wheels, engine gauges, electric trim, choice of color scheme, all-metal 6,670-hour main rotor blades, cargo hook hard point, dual carburetors and separate transmission oil system.											
<b>HILLER 12ET</b>	3	Allison 250-C20B, 305 shp	324/46	3,100/1,650/1,126	78 @ SL/125/24	84	159 @ SL	8,700'	11,300'	35'4"/2	\$232,300
Price includes standard or extended landing gear, ground handling wheels, engine gauges, electric trim, choice of color scheme, all metal 6,670 hour main rotor blades, cargo hook hard point and separate transmission oil system.											
<b>HILLER 12E4T</b>	4	Allison 250-C20B, 305 shp	324/46	3,100/1,650/1,126	78 @ SL/162/24	84	159 @ SL	8,700'	11,300'	35'4"/2	\$253,000
Price includes standard or extended landing gear, ground handling wheels, engine gauges, electric trim, choice of color scheme, all-metal 6,670-hour main rotor blades, cargo hook hard point and separate transmission oil system.											
<b>HILLER H 1100</b>	5	Allison 250-C20B, 420 shp, derated to 274 shp	363/60.5	2,850/1,500/1,350	104 @ 5,000/122/19	127	417 @ 5,000'	9,000'	17,000'	33.68"/2	\$315,500
Price includes standard or extended landing gear, ground handling wheels, engine gauges, electric trim, choice of color scheme, all metal 6,670-hour main rotor blades, cargo hook hard point and separate transmission oil system.											
<b>BELL 206 B 111 JetRanger III</b>	5	Allison 250-C20J, 420 shp	614/91	3,200/1,635/951	116 @ 5,000'/180/27	130	400 @ 5,000'	8,800'	12,800'	33'4"/2	\$375,000
Never exceed speed—122 above 3,000 lb. External gross weight—3,350 lb. Price includes engine gauges, pitot-static system and rupture-resistant fuel system.											
<b>HUGHES 500E</b>	5	Allison 250-C20B, 420 shp	416/64	3,000/1,455/1,129	143 @ 5,000'/236/35	152	308 @ 5,000'	11,000'	12,900'	26'4"/5	\$395,000
Price includes engine gauges, annunciator panel, compass, altimeter, airspeed indicator, pitot-static system, strobe lights and exterior paint.											
<b>AEROSPATIALE AS 350D AStar</b>	6	Lyc. LTS-101-600A2, 615 shp	945/140	4,300/2,432/923	122 @ 3,000'/297/44	147	390 @ 3,000'	5,400'	8,800'	35'1"/3	\$398,000
Price includes airspeed, 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.											
<b>AEROSPATIALE AS 350B Ecureuil</b>	6	Turbomeca Arriel, 641 shp	945/140	4,300/2,428/927	123 @ 3,000'/304/45	147	381 @ 3,000'	7,380'	9,675'	35'1"/3	\$398,000
Price includes airspeed, 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 head. External gross weight—4,630 lb.											
<b>HUGHES 530F</b>	5	Allison 250-C30, 650 shp	416/64	3,100/1,585/1,099	135 @ 5,000'/243/36	152	239 @ 5,000'	10,800'	14,200'	27'4"/5	\$515,000
Price includes engine gauges, annunciator panel, compass, altimeter, airspeed, pitot-static system, strobe lights and exterior paint.											
<b>BELL 206L-3 LongRanger III</b>	7	Allison 250-C30P, 650 shp	743/110	4,150/2,200/1,207	116 @ 5,000'/243/36	130	359 @ 5,000'	5,400'	16,500'	37'/2	\$550,000
Price includes engine gauges and pitot-static system. Model also available IFR equipped. Optional 456-shp trans. rating available with OGE hover of 9,000'.											
<b>AEROSPATIALE SA 315B Lama</b>	5	Turbomeca Artouste IIIB1, 858 shp	1,026/152	4,300/2,266/1,016	105 @ 3,000'/371/55	113	294 @ 3,000'	15,100'	16,565'	36'2"/3	\$590,000
External gross weight—5,291 lb. Price includes engine gauges, pitot-static system and interior and exterior paint.											

OGE—Out of Ground Effect; IGE—In Ground Effect



Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity (lb/gal, no rsv)	Gross Wgt/ Empty Wgt/ Max Payload (full fuel, lb)	Cruise Speed kt @ alt/pph/gph	Never Exceed Speed (Vne, kt)	Max Range nm @ alt	Hover OGE	Hover IGE	Main Rotor Diameter/ # Blades	Price
MBB BO 105 CB Twin Jet	4-5	2 Allison 250-C20B, 420 shp ea.	1,005/150	5,291/2,743/1,543	131 @ SL/318/53	145	310 @ SL	5,300'	8,400'	32'1"/4	\$715,000
Price includes engine instruments and indicators, pitot-static system, altimeter, airspeed, magnetic compass, aircraft covers and ground handling wheels.											
AEROSPATIALE AS 355 F1 TwinStar	6	2 Allison 250-C20F, 420 shp ea.	1,303/193	5,291/2,900/1,088	128 @ 3,000'/439/65	150	384 @ 3,000'	5,577'	7,710'	35'/3	\$775,000
Price includes gyro instrumentation, engine gauges, skid landing gear with removable wheels and navigation and instrument lighting system. External gross weight—5,511 lb.											
MBB BO 105 CBS Twin Jet II	5-6	2 Allison 250-C20B, 420 shp ea.	1,005/150	5,291/2,780/1,506	131 @ SL/318/53	145	310 @ SL	5,300'	8,400'	32'1"/4	\$780,000
Price includes engine instruments and indicators, pitot-static system, altimeter, airspeed, magnetic compass, aircraft covers and ground handling wheels.											
AGUSTA MKII 109A	8	2 Allison 250-C20B, 420 shp ea.	978/146	5,730/3,578/1,174	150 @ SL/55/9	168	363 @ SL	4,900'	7,900'	36'1"/4	\$995,500
Price includes engines, simplex SAS, VHF transceiver and flight instrumentation.											
BELL 222UT	8-10	2 Lyc. LTS 101-750C-1, NA	1,661/246	8,250/4,903/1,686	134 @ 4,000'/535/79	150	416 @ 4,000'	4,600'	†7,100'	42'/2	\$1,075,000
Price includes engine gauges, VHF transceiver, gyro instrumentation and pitot-static system. IFR certified w/o AFCS. †Maximum alt. for takeoff and landing.											
MBB BK 117 Space Ship	8-11	2 Lyc. LTS-101-650B-1, 650 shp ea.	1,058/160	6,283/3,582/1,643	139 @ SL/378/63	150	294 @ SL	8,700'	11,000'	36'1"/4	\$1,080,000
Price includes engine instruments and indicators, pitot-static system, altimeter, airspeed, magnetic compass, aircraft covers and ground handling wheels.											
BELL 222B	8-10	2 Lyc. LTS-101-750C-1, 680 shp ea.	1,266/188	8,250/4,900/2,084	138 @ 4,000'/535/79	150	327 @ 4,000'	6,400'	†7,100'	42'/2	\$1,395,000
External gross weight—8,400 lb. Price includes engine gauges, VHF transceiver, gyro instrumentation, and pitot-static system. Price IFR equipped, \$1,595,000. †Maximum alt. for takeoff and landing. IFR certified w/o AFCS.											
AEROSPATIALE SA 365N Dauphin 2	14	2 Turbomeca Arriel, 700 shp ea.	2,032/301	8,818/4,700/2,086	140 @ 3,000'/584/87	165	487 @ 3,000'	2,000'	2,000'	39'1"/4	\$1,720,000
Price includes engine gauges and controls, gyro instrumentation, navigation and instrument lighting system.											
SIKORSKY S-76	14	2 Allison 250-C30S, 700 shp ea.	1,897/281	10,300/5,600/2,803	145 @ 3,000'/610/90	155	404 @ 3,000'	2,800'	6,200'	44'/4	\$2,026,000
Price includes engine gauges, VHF transceiver, gyro instrumentation and pitot-static system. Max. range with 30-min rsv 466 nm.											
AEROSPATIALE AS 332C Super Puma	21	2 Turbomeca Makila, 1,755 hp ea.	2,754/408	18,410/9,260/6,396	135 @ 3,000'/1,040/154	160	358 @ 3,000'	6,888'	8,856'	51'1"/4	\$3,880,000
Price includes dual controls, engine gauges, gyro instrumentation and navigation and instrument lighting system. External gross weight—20,615 lb.											
AEROSPATIALE AS 332L Super Puma	25	2 Turbomeca Makila, 1,755 shp ea.	3,660/542	18,410/9,535/5,215	135 @ 3,000'/1,040/154	160	470 @ 3,000'	6,888'	8,856'	51'/4	\$4,150,000
Price includes dual controls, engine gauges, gyro instrumentation, navigation and instrument lighting system.											
BELL 212 Twin	15	2 P&W PT6T-3B, 900 shp ea.	1,451/215	11,200/5,972/3,777	107 @ 4,000'/650/96	100	238 @ 4,000'	NA	†4,600'	48'/2	NA
External gross weight—11,200 lb. Price includes engine gauges, VHF transceiver, gyro instrumentation and pitot-static system. Price for IFR equipped, \$1,780,000. †Maximum alt. for takeoff and landing.											
BELL 214ST	16-20	2 GE CT7-2A, 1,625 shp ea.	2,936/435	17,500/9,481/5,083	138 @ 4,000'/885/131	136	458 @ 4,000'	1,000'	†6,400'	52'/2	NA
Price IFR equipped includes pilot/copilot instruments and controls, AFCS, ADF, transponder, dual VOR/LOC/glide slope, marker beacon, dual VHF transceivers, RNAV, DME and encoding altimeter. †Maximum alt. for takeoff and landing.											
BELL 412	15	2 P&W PT6T-3B, 900 shp ea.	1,431/212	11,600/6,322/3,849	125 @ 5,000'/725/107	140	249 @ 5,000'	NA	†4,300'	46'/4	NA
Price includes AFCS; IFR equipped \$2,085,000. †Maximum alt. for takeoff and landing.											

OGE—Out of Ground Effect; IGE—In Ground Effect; NA—Not Available



## 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/ Span	Price
VALENTIN Mistral-C	1	772/ 510/ NA	135	35	91	70	42	57	1.9	37.5:1	22.1'/ 49.2'	\$14,600
GLASER DIRKS DG-101	1	940/ 500/ 290	140	33	90	70	39	57	1.8	39:1	22'11"/ 49'2"	\$14,796
Price includes water ballast, oxygen mount, canopy cover and antenna.												
I.C.A. BRASOV I.S.-29D2 Lark	1	795/ 509/ NA	120	37	76	68	42	50	1.9	37:1	23'/ 50'	\$16,500
Price includes compass, instrument console and spare parts.												
SCHLEICHER ASW-19B	1	1,000/ 550/ 240	133	35	92	67	38	58	2	38.5:1	22'/ 49'2"	\$17,000
Flight instrumentation extra.												
GLASER DIRKS DG-300	1	1,155/ 540/ 615	146	34	98	78	41	59	1.8	41:1	22'5"/ 49'2"	\$17,570
Price includes laminar boundary control on wings.												
GROB G 102 Club III	1	838/ 540/ NA	130	32	92	65	41	50	2	36:1	22'/ 49.2'	\$17,695
Price includes delivery charges to Bluffton, Ohio. Standard equipment includes canopy cover, trim weights, adjustable rudder pedals and others.												
GROB G 102 Club IIIb	1	836/ 546/ NA	130	32	92	65	42	49	2.1	35.5:1	22'/ 49.2'	\$18,195
Price includes delivery charges to Bluffton, Ohio. Standard equipment includes canopy cover, trim weights, adjustable rudder pedals and others.												
VICKERS- SLINGSBY T65D Vega	1	1,150/ 515/ NA	135	34	80	70	44	62	1.1	42:1	22'/ 49.2'	\$18,500
GROB G 102 Standard III	1	990/ 561/ 220	130	32	92	63	41	56	2	38:1†	22'/ 49.2'	\$18,895
Price includes delivery charges to Bluffton, Ohio. Standard equipment includes canopy cover, trim weights, adjustable rudder pedals and others. † With ballast.												
GLASER DIRKS DG-202/17	1	990/ 554/ 315	146	32	98	78	42	59	1.7	45:1	22'11"/ 55'10"	\$19,107
Aircraft has removable wing tips and can be flown either in the 15 M or 17 M configuration.												
SCHLEICHER ASW-20C	1	1,000/ 540/ 260	143	34	95	67	37	59	1.9	43:1	22'/ 49'2"	\$19,500
Flight instrumentation extra.												
I.C.A. BRASOV I.S.-30 Lark	2	1,300/ 794/ NA	143	34	76	68	37	54	2	36:1	27'1/ 56'	\$19,950
Price includes compass, instrument console and spare parts.												
SCHLEICHER ASW-20B	1	1,165/ 570/ 360	143	34	95	67	37	59	1.9	43:1	22'/ 49.2'/	\$20,000
No instruments.												
SCHWEIZER 1-36 Sprite	1	710/ 450/ NA	107	30	85	68	40	50	2.25	31:1	20'6"/ 46'2"	\$21,450
SCHEMPP-HIRTH Ventus	1	1,102/ 485/ 331	135	38	97	81	43	64	2.1	44:1	21'5"/ 49'2"	\$21,800
Price includes carbon fiber wing construction.												

NA—Not Available



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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/ Span	Price
SCHEIBE SF-H34	2	1,100/ 660/ NA	139	36	89	69	42	53	2.2	35:1	24.6'/ 51.8'	\$22,600
SCHLEICHER ASK-21	2	1,300/ 750/ NA	125	40	76	65	41	48	2	34:1	27'/ 55'8"	\$23,500
Flight instrumentation extra.												
I.C.A. BRASOV I.S.-29E3 Lark	1	1,167/ 711/ NA	135	36	76	68	43	50	1.4	48:1	24'/ 65'	\$23,950
Price includes compass, instrument console, spare parts, water ballast capability and flap/aileron interconnect.												
SCHWEIZER 2-33A	2	1,040/ 600/ NA	86	28 solo 30 dual	86	60	33 solo 37 dual	40 solo 46 dual	2.6 solo 3.1 dual	23:1	25'9'/ 53'	\$24,450
Price includes airspeed. Available in kit form for \$19,995.												
GROB G 103 Twin II	2	1,276/ 810/ NA	130	32	92	65	42	57	2.1	36:1	26.9'/ 57.7'	\$26,995
Price includes delivery charges to Bluffton, Ohio. Standard equipment includes canopy cover, trim weights, adjustable rudder pedals and others. Aerobatic model available.												
I.C.A. BRASOV I.S.-32 Lark	2	1,300/ 771/ NA	125	40	76	68	46	53	1.6	46.5:1	27'/ 65'	\$29,800
Price includes compass, instrument console, spare parts, water ballast capability and flap/aileron interconnect.												
SCHEMPP-HIRTH Janus C	2	1,543/ 783/ NA	135	38	NA	NA	49	59	2.3	44:1	28'3'/ 65'7"	\$34,400
Price includes carbon fiber wing construction.												
SCHEMPP-HIRTH Nimbus 3/24.5	1	1,654/ 794/ 684	146	40	97	81	45	68	1.5	60:1	25'2'/ 80'	\$42,400
Price includes carbon fiber wing construction.												
CAPRONI A21S	2	1,423/ 964/ 323	136	34	75	68	43	57	1.9	43:1	25.4'/ 66.8'	\$45,000
SCHLEICHER ASW-22	1	1,650/ 850/ 450	143	33	94	67	35	59	1.5	57:1	26'/ 80'	\$58,000
Flight instrumentation extra.												

## 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 (ft/min)	Minimum Sink (kt)	Best Lift Over Drag (kt)	Lowest Sink Rate (fps)	Glide Ratio	Length/ Span	Price
SIREN Pik-20E-III	1	Rotax 505, 43 hp/ 48/8	1,036/ 715/ 175	151/ 38	500'/ 790	46	56	2	40:1	21'5'/ 49'3"	\$27,000
Price includes airspeed, altimeter, compass, inclinometer, tachometer, cylinder head temperature, fuel gauge and engine time.											
SCHEIBE Falke 82	2	Limbach SL 1700EA, 65 hp/ 78/12	1,430/ 880/ NA	97/ 35	600/ 450	NA	38	3.3	24:1	24.9'/ 50.2'	\$27,400
SCHEIBE Tandem Falke	2	Limbach SL 1700EA, 65 hp/ 68/10.5	1,344/ 903/ NA	97/ 35	600/ 450	37	47	2.9	27:1	26.8'/ 53.4'	\$30,900
SCHEIBE Super Falke	2	Limbach SL 1700EA 1, 65 hp/ 78/13	1,430/ 970/ NA	97/ 37	650/ 450	40.5	46	2.8	29:1	24.6'/ 59'	\$31,300

\*Gross Weight, sea level; NA—Not Available



## 1984 GENERAL AVIATION AIRCRAFT DIRECTORY

Manufacturer and Model	Crew	Diameter (ft)	Overall Height (ft)	Volume (cu ft)	System Wgt w/full fuel (lb)	Max Cert Lift (payload, SL, lb)	FAI Category	Fuel Vol. (std tanks, lb)	Price
BALLOON WORKS DF56	1-3	50	54	56,000	474	1,050	AX-6	22-30	\$8,495
THUNDER AX6-56 Bolt	3	48	63	56,000	305	1,226	AX-6	84-254	\$8,789
ADAMS A50	1-2	50	60	55,000	605	NA	AX-6	87-174	\$8,900
Price includes standard envelope, Nomex throat, basket, two fuel tanks and all FAA required flight instruments.									
BALLOON WORKS DF65	1-3	52	56	65,000	495	1,050	AX-7	22-30	\$8,995
THUNDER Multi-Gore AX4-31	1	39	40	31,000	270	678	AX-4	85-254	\$9,104
ADAMS A50S	1-3	50	63	62,000	615	1,200	AX-7	87-174	\$9,250
Price includes standard envelope, Nomex throat, basket, two fuel tanks and all FAA required instruments.									
AVIAN Falcon II	1-3	51	61	60,000	380	830	AX-7	87	\$9,250
Price includes high performance burner with added redundant system, LCD temperature instrument, TSOed, altimeter, VSI, basket and burner support.									
THUNDER AX7-65 Bolt	3	51	65	65,000	407	1,423	AX-7	84-254	\$9,285
BALLOON WORKS FF42	1-2	46	49	42,000	371	870	AX-5	20-30	\$9,495
THUNDER AX5-42 Series One	2	44	57	42,000	280	919	AX-5	85-254	\$9,564
CAMERON O-31	1	40	44	31,450	198	620	AX-4	90	\$9,600
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
RAVEN RX-7 Rally II	1-3	55	63	77,500	470	1,480	AX-7	85	\$9,695
ADAMS A55	1-4	55	65	75,000	630	1,500	AX-7	87-174	\$9,850
Price includes standard envelope, Nomex throat, basket, two fuel tanks and all FAA required flight instruments.									
BALLOON WORKS DF650	1-3	52	56	65,000	495	1,050	AX-7	22-30	\$9,995
BALLOON WORKS FF56	1-3	50	54	56,000	474	1,050	AX-6	20-30	\$9,995
BALLOON WORKS FF65	1-3	52	56	65,000	495	1,050	AX-7	20-30	\$9,995
RAVEN RX-6 Rally II	1-3	50	58	56,400	415	1,430	AX-6	85	\$9,995
THUNDER AX7-77 Bolt	4	54	70	77,000	505	1,686	AX-7	85-254	\$10,013
CAMERON N-31	1	40	44	31,450	215	620	AX-4	90	\$10,100
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, VVI, dial thermometer.									
CAMERON V-56	4	50	55	56,000	455	1,120	AX-6	90	\$10,120
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
ADAMS A55S	1-5	55	69	83,000	640	1,500	AX-8	87-174	\$10,300
Price includes standard envelope, Nomex throat, basket, two fuel tanks and all FAA required instruments.									
AVIAN Skyhawk	1-4	55	66	80,000	480	1,200	AX-8	131	\$10,465
Price includes high-performance burner with added redundant system, LCD temperature instrument, TSOed, altimeter, VSI, basket and burner support.									



## 1984 GENERAL AVIATION AIRCRAFT DIRECTORY

Manufacturer and Model	Crew	Diameter (ft)	Overall Height (ft)	Volume (cu ft)	System Wgt w/full fuel (lb)	Max Cert Lift (payload, SL, lb)	FAI Category	Fuel Vol. (std tanks, lb)	Price
CAMERON O-42	2	45	50	42,000	215	840	AX-5	90	\$10,600
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
CAMERON V-65	4	53	56	65,000	465	1,300	AX-7	90	\$10,600
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
THUNDER AX6-56 Series One	3	48	63	56,000	305	1,226	AX-6	85-254	\$10,689
RAVEN S-50A Rally "S"	1-3	50	58	56,400	415	1,430	AX-6	85	\$10,695
THUNDER AX6-56Z Multi-Gore	3	48	63	56,000	375	1,226	AX-6	85-254	\$10,742
BALLOON WORKS DF77	1-3	55	59	77,000	504	6,060	AX-7	20-30	\$10,995
RAVEN S-50A Classic Custom	1-4	50	58	56,400	490	1,400	AX-6	127	\$10,995
RAVEN S-55A Rally "S"	1-3	55	63	77,500	470	1,480	AX-7	85	\$11,195
THUNDER AX7-65 Series One	3	51	65	65,000	407	1,423	AX-7	85-254	\$11,204
THUNDER AX7-65Z Multi-Gore	3	51	65	65,000	477	1,423	AX-7	85-254	\$11,204
CAMERON V-77	5	55	62	77,500	515	1,540	AX-7	90	\$11,360
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
CAMERON O-56	4	50	55	56,000	470	1,120	AX-6	90	\$11,750
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
THUNDER AX-77 Series One	4	54	70	77,000	505	1,686	AX-7	85-254	\$11,877
THUNDER AX7-77Z Multi-Gore	4	54	70	77,000	575	1,686	AX-7	85-254	\$11,877
BALLOON WORKS DF770	1-3	55	59	77,000	504	6,060	AX-7	20-30	\$11,995
BALLOON WORKS FF77	1-3	55	59	77,000	504	6,060	AX-7	20-20	\$11,995
CAMERON O-65	4	53	56	65,000	478	1,300	AX-7	90	\$12,200
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
CAMERON N-56	4	50	55	56,000	470	1,120	AX-6	90	\$12,250
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
RAVEN S-55A Classic Custom	1-5	55	63	77,500	530	1,450	AX-7	127	\$12,395
CAMERON N-65	4	53	56	65,000	500	1,300	AX-7	90	\$12,700
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
RAVEN S-60A Rally "S"	1-3	60	69	105,400	500	1,530	AX-8	85	\$12,895

NA—Not Available



Manufacturer and Model	Crew	Diameter (ft)	Overall Height (ft)	Volume (cu ft)	System Wgt w/full fuel (lb)	Max Cert Lift (payload, SL, lb)	FAI Category	Fuel Vol. (std tanks, lb)	Price
CAMERON O-77	5	55	62	77,500	525	1,540	AX-7	90	\$12,900
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
BALLOON WORKS FF770	1-3	55	59	77,000	504	6,060	AX-7	20-20	\$12,995
COLT BALLOONS 56A	3	51	54	56,000	499	1,232	AX-6	180	\$13,010
Fuel containers are two 15 gallon stainless-steel tanks.									
CAMERON O-84	5	59	65	84,000	580	1,680	AX-8	90	\$13,300
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
CAMERON N-77	5	55	62	77,500	530	1,540	AX-7	90	\$13,400
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
RAVEN S55-A Classic Limited	1-5	55	63	77,500	610	1,450	AX-7	169	\$13,495
COLT BALLOONS 69A	4	54	57	69,000	521	1,518	AX-7	180	\$13,935
Fuel containers are two 15 gallon stainless-steel tanks.									
AVIAN Turbo 8	1-6	60	70	105,000	700	1,800	AX-8	174	\$13,995
Price includes dual high-performance directional burner system, LCD temperature instrument, TSOed, altimeter, VSI, basket, burner supports and scuff pad.									
RAVEN S-60A Classic Custom	1-5	60	69	105,400	580	1,800	AX-8	127	\$14,195
ADAMS Hot Air Bus	1-6	64	75	124,500	915	2,000	AX-9	174-261	\$14,600
Price includes standard-cut envelope, Nomex throat, leather trimmed basket, two fuel tanks and all FAA required flight instruments.									
THUNDER AX8-90 Series Two	5	59	72	90,000	650	1,971	AX-8	85-254	\$14,775
BALLOON WORKS FF105	1-6	62	65	105,000	584	2,020	AX-8	20-30	\$14,995
COLT BALLOONS 77A	4	56	59	77,000	545	1,694	AX-7	180	\$15,095
Fuel containers are two 15 gallon stainless-steel tanks.									
RAVEN S60-A Classic Limited	1-5	60	69	105,400	660	1,800	AX-8	169	\$15,295
THUNDER AX8-105 Series Two	6	61	74	105,000	820	2,299	AX-8	85-254	\$15,597
CAMERON O-105	6	61	70	105,000	620	2,100	AX-8	90	\$15,700
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
THUNDER AX9-140 Series Two	8	67	81	140,000	1,030	3,066	AX-9	85-254	\$16,127
CAMERON N-105	6	61	70	105,000	660	2,100	AX-8	90	\$16,200
Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
CAMERON A-105	6	61	70	105,000	640	2,100	AX-8	90	\$16,800
Price includes double burner, balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									



## 1984 GENERAL AVIATION AIRCRAFT DIRECTORY

Manufacturer and Model	Crew	Diameter (ft)	Overall Height (ft)	Volume (cu ft)	System Wgt w/full fuel (lb)	Max Cert Lift (payload, SL, lb)	FAI Category	Fuel Vol. (std tanks, lb)	Price
AVIAN Magnum IX	1-8	66	76	140,000	1,000	2,500	AX-9	261	\$17,500
Price includes dual high performance directional burner system, LCD temperature instruments, TSOed, altimeter, VSI, basket, burner supports and scuff pad.									
CAMERON A-140	9	67	73	140,000	920	2,800	AX-9	90	\$17,700
Price includes double burner, balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.									
RAVEN S-60A Classic Limited Stretch	1-7	60	69	105,400	685	1,800	AX-8	169	\$17,720
Price includes double burner, two 20 gal. tanks, instruments, skirt, basket and envelope.									
RAVEN S-66A Classic Limited	1-5	66	76	140,000	739	2,000	AX-9	169	\$17,995
COLT BALLOONS 105A	6	63	65	105,000	620	2,310	AX-8	180	\$18,165
Fuel containers are two 15 gallon stainless-steel tanks.									
RAVEN S-66A Classic Limited Stretch	1-7	66	76	140,000	764	2,000	AX-9	169	\$20,420
Price includes double burner, two 20 gal. tanks, instruments, skirt, basket and envelope.									
RAVEN S-66A Classic IX	1-8	66	88	140,000	1,023	2,000	AX-9	254	\$21,000
RAVEN Classic X	1-8	77	98	211,000	1,123	2,850	AX-10	254	\$24,995
CAMERON A-210	13	77	82	210,000	1,200	3,130	AX-10	300	\$27,000
Price includes 48" x 70" 10-passenger basket and double burner.									
RAVEN MG1000 Orbiter Gas Balloon	1-5	43	41	36,959	581	2,416	AA-5	NA	\$34,900
CAMERON D-50	1	82' long	48	50,000	780	1,000	BX-5	90	\$39,500
Price includes envelope, car, engine, fin inflation, instruments and two 10-gal. tanks. This is a hot-air blimp, solo only with two-hour duration and 15-kt airspeed.									
SKYPOWER GBN 1000 Gas Balloon	1-6	42	70	35,000	450	2,300	AA-5	NA	\$42,000
Price includes ground support equipment.									

## HANG BALLOON

Hang balloons weigh less than 254 pounds and are classified as ultralights under FAR 103.

Manufacturer and Model	Crew	Diameter (ft)	Overall Height (ft)	Volume (cu ft)	System Wgt w/full fuel (lb)	Max Lift (payload, SL, lb)	FAI Category	Fuel Vol. (std tanks, lb)	Price
AIRBORNE BALLOONS AX3-21	1	35	45	21,000	190	400	AX-3	69	\$4,995
Price includes chair-type seating, full instruments including altimeter, vertical speed and dual range temp indicators. Optional wicker basket.									
AVIAN 32 Caliber	1	40	50	32,000	150	NA	AX-4	43.5	\$5,000
AIRBORNE BALLOONS AX4-31	1	39	50	31,000	205	600	AX-4	69	\$5,695
Price includes chair-type seating, full instruments including altimeter, vertical speed and dual range temp. indicators. Optional wicker basket.									
COLT Drifter	1	35	45	20,000	137	300	AX-3	42	\$5,975
Includes two carrying bags, Nomex throat, low fuel alarm, piezo crystal (ignition), pyro meter, repair kit and instruction; optional landing gear \$100 extra.									

NA—Not Available





## IN THE WORKS

### SINGLE-ENGINE RETRACTABLE GEAR

Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (full fuel, lb)	Cruise Speed (kt) 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)	Service Ceiling	Stall Speed (gear, flaps down, kt)	Price
MOONEY 301	6	Lyc. TIO-360, 360 hp/CS	600/ 100	4,000/ NA/ 1,600	235 @ 25,000'/118/20 NA	986 @ 25,000'	NA/ NA	1,400'	25,000'	NA	NA

All performance figures are preliminary.

### TURBOPROP

Manufacturer and Model	Seats	Powerplants	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (full fuel, lb)	Cruise Speed (kt) Max @ alt/pph/gph Econ @ alt/pph/gph	Range w/45-min rsv (nm) @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb Engine out ROC (fpm)	Service/ SE Svc Ceiling	Stall Speed (gear, flaps down)/Vmc (kt)	Price
CESSNA CE-208 Caravan I	1-10	1 P&W PT6A-114, 600 shp ea.	2,245/ 335	7,042/ 3,415/ 1,396	187 @ 10,000'/356/53 148 @ 10,000'/237/35	1,100 @ 10,000'	1,351'/ 1,705'	1,446/ NA	30,000'/ NA	57/ NA	\$595,000
Price includes nav/com, ADF, transponder, engine instruments, gyro instruments and reversible propeller. All performance numbers are preliminary and are subject to change without notice.											
MIKE SMITH AERO Smith Prop-Jet	6	P&W 6A-41, 850 shp.	1,482/ 220	5,182/ 3,182/ 1,780	330 @ 31,000'/228/34 300 @ 31,000'/200/30	1,311 @ 31,000'	2,500'/ 2,500'	3,500/ NA	31,000'/ NA	61/ NA	\$670,000
Price includes basic instruments and IFR equipment.											
PARTENAVIA Spartacus	9	2 Allison 250-B17C, 330 shp ea.	1,748/ 233	5,787/ 3,241/ 5,732	206 @ 12,000'/NA NA	908 @ 12,000'	1,500'/ 1,630'	2,034/ 690	25,000'/ 15,000'	67/ NA	\$690,000
Fully equipped IFR airplane with deicing.											
CESSNA/REIMS Caravan II	14	P&W PT61-112, 500 shp	3,183/ 475	9,360/ 4,961/ 4,474	256 @ 15,000'/588/87 NA	1,030 @ 10,000'	2,370'/ 2,170'	1,835/ 400	30,000'/ 16,000'	74/ NA	\$1,000,095
All performance figures are preliminary.											
SKYTRADER Skytrader 800	18	2 P&W PT6A-23, 700 shp ea.	2,936/ 435	12,500/ 6,900/ 4,000	187 @ 10,000'/NA 170 @ 10,000'/NA	1,061 @ NA	845'/ 875'	2,050/ 535	25,000'/ 16,000'	55/ NA	\$1,300,000

Type certification to FAR Part 25. Initial deliveries expected last quarter of 1986.  
Commuter and cargo versions available. STOL aircraft. Priced in 1983 dollars.



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Manufacturer and Model	Seats	Powerplants	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (full fuel, lb)	Cruise Speed (kt) Max @ alt/pph/gph Econ @ alt/pph/gph	Range w/45-min rsv (nm) @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb Engine out ROC (fpm)	Service/ SE Svc Ceiling	Stall Speed (gear, flaps down)/Vmc (kt)	Price
<b>AVTEK AV-400</b>	6-9	2 P&W PT6A-28, 680 shp ea.	1,610/ 242	5,500/ 3,119/ 771	370 @ 26,000'/NA 217 @ 26,000'/NA	2,262 @ 37,000'	1,250'/ 1,000'	5,400/ 2,390	37,000'/ 33,000'	77/ NA	\$1,500,000
Price includes standard IFR instrument package without avionics.											
<b>LEAR FAN Lear Fan 2100</b>	8-10	2 P&W of Canada PT6B-35F, 650 shp ea.	1,550/ 231	7,350/ 4,240/ 1,560	350 @ 20,000'/355/53 280 @ 41,000'/221/33	1,650 @ 41,000'	2,500'/ 2,800'	4,100/ 2,900	41,000'/ 29,000'	86/ NA	\$1,963,000
Price includes dual controls, engine gauges, gyro instrumentation, pitot-static, pressurization, air conditioning, engine fire-detectors and extinguishers, emergency oxygen and ice protection.											
<b>PIPER Cheyenne IV</b>	8	2 Garrett TPE331-14, 1,000 shp ea.	3,872/ 574	11,950/ 7,050/ NA	351 @ 22,500'/NA NA	1,180 @ 35,000'	1,930'/ 2,780'	3,400/ 980	41,000'/ 28,700'	92/ NA	\$2,100,000
Priced in 1982 dollars and based on the PPI.											
<b>FAIRCHILD Metro IIIA (Airliner)</b>	21-22	2 P&W PT6A-45R, 1,100 shp ea.	4,342/ 648	14,500/ 8,960/ 1,198	280 @ 15,000'/767/115 239 @ 30,000'/423/63	1,827 @ 25,000'	3,120'/ 2,715'	2,090/ 800	25,450'/ 17,600'	87/ 87	\$2,285,000
Price includes dual controls, engine gauges, gyro instrumentation, pitot-static system, power nosewheel steering, reversible four-blade prop 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 and customers livery. Empty weight includes crew. Certification and first deliveries expected first quarter 1984.											
<b>GATES-PIAGGIO GP-180</b>	8	2 P&W PT6A-60, 1,000 hp ea.	2,680/ 397	9,800/ 6,200/ 810	400 @ 41,000'/NA 320 @ 41,000'/NA	2,100 @ 41,000'	2,413'/ 2,000'	3,600/ 1,250	41,000'/ NA	NA	\$2,695,000
Certification and initial deliveries expected end of 1986. Priced in 1983 dollars for the first 25 aircraft.											
<b>BEECH Starship 1</b>	10-12	2 P&W PT6A-60, 1,000 hp ea.	NA	12,500/ NA/ NA	348 @ 41,000'/NA NA	2,000 @ 41,000'	NA	NA	NA/ 41,000'	NA	\$2,742,500
Priced in 1983 dollars with standard Super King Air B200 type avionics and EFIS.											
<b>FAIRCHILD 400 Executive</b>	12-22	2 Garrett TPE331-14U-801G, 1,100 shp ea.	4,342/ 648	16,500/ 9,686/ 2,472	347 @ 20,000'/982/147 284 @ 35,000'/519/78	1,763 @ 30,000'	3,119'/ 3,086'	2,353/ 448	33,091'/ 16,454'	95/ 87	\$2,800,000
Price includes dual controls, engine gauges, gyro instrumentation, pitot-static system, power nosewheel synchrophaser, engine fire-detection/extinguisher, strobe lights, 14-place executive interior with lavatory and hard-wood dividers, cockpit/cabin fire extinguishers, oxygen system with automatic presentation masks, complete anti-ice/deicing systems, air conditioning and exterior urethane paint. Certification expected last half of 1985.											
<b>CASA-NURTANIO CN-235</b>	38-40	2 GE CT7-7, 1,700 shp ea.	8,818/ 1,306	28,658/ 18,133/ 7,881	245 @ 15,000'/NA NA	500 @ 18,000'	2,640'/ 3,440'	1,780/ NA	NA/ 15,500'	NA	\$4,900,000
Priced in 1983 dollars. Fully IFR equipped.											
<b>SAAB/ FAIRCHILD 340 (Airliner)</b>	35	2 GE CT7-5A, 1,630 shp ea.	5,900/ 880	27,000/ 17,000/ 4,100	274 @ 15,000'/1,040/155 224 @ 25,000'/650/97	1,915 @ 24,000'	4,250'/ 3,900'	1,650/ 500	25,000'/ 13,750'	80/ NA	\$5,250,000
Price includes Collins EFIS, full IFR avionics, weather radar, 35-passenger airline interior and lavatory. Seating capacity reflects passengers exclusive of crew. Takeoff and landing distances reflect FAR Part 25 field length requirements. Two-engine service ceiling reflects max. certificated altitude. Priced in 1983 dollars.											
<b>SAAB/ FAIRCHILD 340 (Corporate)</b>	15-35	2 GE CT7-7E, 1,600 shp ea.	5,900/ 880	27,000/ 17,600/ 3,500	280 @ 25,000'/1,100/164 242 @ 30,000'/635/95	1,945 @ 27,000'	4,400'/ 3,900'	1,650/ 500	26,750'/ 13,000'	80/ NA	\$6,250,000
Price includes Collins EFIS, full avionics, weather radar, 16-passenger executive interior and lavatory. Seating capacity reflects passengers exclusive of crew. Takeoff and landing distances reflect FAR Part 25 field length requirements. Priced in 1983 dollars.											
<b>AEROSPATIALE ATR-42-200</b>	46	2 P&W PW120, 1,800 shp ea.	9,920/ 1,481	34,720/ 21,184/ 9,920	276 @ 20,000'/1,116/167 NA	950 @ 20,000'	3,545'/ 3,150'	1,600/ NA	25,000'/ 10,450'	NA	\$6,500,000
Fully equipped Part 121 aircraft. Priced in 1983 dollars.											
<b>OMAC OMAC-1</b>	6-8	Lyc. LTP-101-700A1A, 700 shp	2,012/ 298	6,550/ 3,250/ 1,288	260 @ 22,000'/189/28 217 @ 22,000'/156/23	2,950 @ 22,000'	1,584'/ 1,790'	2,600/ NA	25,000'/ NA	54/ NA	NA
<b>DE HAVILLAND DHC-5E Transporter</b>	47	2 GE CT64-820-4, 3,330 shp ea.	14,222/ 2,107	41,000/ 25,200/ 10,344	250 @ 10,000'/1,953/289 233 @ 10,000'/1,673/248	1,720 @ 10,000'	3,050'/ 3,630'	2,300/ 600	31,000'/ 16,000'	71/ 75	NA
STOL aircraft. Standard equipment includes dual controls, IFR avionics, engine gauges, gyro instrumentation, pitot-static system, air conditioning, crew oxygen, 44 passenger seats, airstair door and ELT. Certification not included.											

\*Gross Weight, sea level; NA—Not Available



## TURBOJET

Manufacturer and Model	Seats	Powerplants	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (full fuel, lb)	Optimum Speed kt @ alt/pph/gph	Range w/45-min rsv (nm) @ alt	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb/ Engine out ROC (fpm)	Bal Field Length	Service/ SE Svc Ceiling	Stall Speed (gear, flaps down)/ Vmc (kt)	Price
GULFSTREAM AEROSPACE Peregrine	6	P&W JT15D-5, 2,900 lbs. thrust	2,930/ 437	8,800/ 5,120/ 750	331 @ 35,000'/570/85	1,390 @ 35,000'	2,522'/ 2,900'	2,877/ NA	NA	35,000'/ NA	81/ NA	\$1,600,000
Fully IFR equipped.												
MITSUBISHI Diamond II	9-11	2 P&W JT 15D-5, 2,900 lbs. thrust ea.	4,260/ 636	15,240/ 9,080/ 1,500	439 @ 39,000'/1,200/179	1,580 @ 41,000'	NA/ 2,787'	3,180/ 1,220	3,410'	41,000'/ NA	86/ NA	\$3,050,000
Priced in 1983 dollars. Optional fuel available increasing range to 1,850 nm.												
GATES 55XLR Learjet	8	2 Garrett TFE731-3A-2B, 3,700 lbs. thrust ea.	8,250/ 1,222	21,250/ 12,330/ 270	455 @ 43,000'/1,160/172	2,918 @ 45,000'	4,950'/ 3,109'	4,560/ 1,430	4,950'	51,000'/ NA	103/ 99	\$5,755,000†
†Estimated average equipped price with full interior and necessary equipment for all-weather operation. No-cost optional gross weight shown. Price includes dual controls, engine gauges, dual nav/com, dual flight directors, dual transponders, dual RMI, DME, ADF, radio altimeter, radar, dual marker beacons, encoding altimeter, gyro instrumentation, pitot-static system and exterior paint.												
ISRAEL AIRCRAFT Westwind Astra	6-8	2 Garrett TFE731-3B-100G, 3,650 lbs. thrust ea.	9,270/ 1,384	23,650/ 12,790/ 10,860	460 @ 45,000'/1,200/179	3,480 @ 45,000'	4,980'/ 2,645'	NA	4,980	45,000'/ NA	NA	\$5,995,000
Price includes extended range fuel tanks, thrust reversers, single point refueling, five-tube EFIS, dual flight directors, VLF/Omega. Certification expected fall 1985. All performance figures are preliminary and based on wind tunnel data subject to verification by flight testing.												
DASSAULT 900 Falcon	12-15	3 Garrett TFE731-5A, 4,500 lbs. thrust ea.	19,000/ 3,167	45,500/ 22,573/ 7,500	495 @ 41,000'/NA	4,200 @ NA	NA	NA	5,100'	51,000'/ NA	80/ NA	\$13,500,000
Price includes standard equipment. Priced in 1983 dollars.												
GULFSTREAM AEROSPACE Gulfstream IV	14-19	2 RR 183-03, 12,450 lbs. thrust ea.	29,300/ 4,340	70,200/ 32,900/ 1,000	459 @ 45,000'/NA	4,300 @ 45,000'	5,100'/ 3,200'	4,210/ 1,200	5,100'	45,000'/ NA	105/ NA	NA
Delivery late 1986.												

## ROTARY WING

Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity (lb/gal, no rsv)	Gross Wgt/ Empty Wgt/ Max Payload (full fuel, lb)	Cruise Speed kt @ alt/pph/gph	Never Exceed Speed (Vne, kt)	Max Range nm @ alt	Hover OGE	Hover IGE	Main Rotor Diameter/ # Blades	Price
MBB BO 105 LS Lift Ship	5-6	2 Allison 250-C28C, 500 shp ea.	1,005/ 150	5,291/ 2,932/ 1,354	132 @ SL/336/56	145	290 @ SL	10,830'	12,630'	32'1"/4	\$895,000
Price includes engine instruments and indicators, pitot-static system, altimeter, airspeed, magnetic compass, aircraft covers and ground handling wheels.											
BELL 400	7	2 Allison C20P, 420 shp ea.	1,283/ 140	5,500/ 3,075/ 972	130 @ 4,000'/NA	420 @ 4,000'	NA	7,600'	NA	35'/4	NA
Includes advanced composite main rotor and tail rotor blades, hub, guarded tail rotor. Certified for IFR flight.											

## 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 (fpm)	Glide Ratio	Length/ Span	Price
GLASER DIRKS DG-500M/22	1	NA, 70 hp/ 108/18	1,350/ 820/ 530	146/ 36	800/ 600	44	59	1.9	49:1	24'11"/ 72'3"	\$45,200
Certification expected January 1985.											
SCHEMP- HIRTH Janus CM	2	NA, 60 hp/ NA	1,543/ 1,025/ NA	135/ 37	NA/ NA	49	59	1.97	42:5	28'3"/ 65'7"	\$49,600
Price includes fully retractable 60-hp engine and carbon fiber wing construction.											

## ULTRALIGHT

Manufacturer and Model	Powerplant/ Prop Diameter (in)/ Type Drive	Control Method	Weights Gross/Empty/ Max Pilot (lb)	Wing Area (sq ft)/ Wing Loading (lb/sq ft)	Pilot's Weight for Performance Data (lb)	Endurance Std/Opt (hr)	Rate of Climb (fpm)	Speeds Cruise/Stall/ Never-exceed (kt) [mph]	Max Level Flight Speed @ Full Power (kt) [mph]	Price Kit/ Prebuilt
GREENWOOD AIRCRAFT Witch	Xeniah G25B, 20 hp/ 50/reduction drive	3-axis	450/220/210	140/3.1	185	3-4/—	600	39/23/87 [45/27/100]	55[63]	—/ \$7,500
Power options available.										

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



## ON HOLD

## SINGLE - ENGINE FIXED GEAR

Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (full fuel, lb)	Cruise Speed (kt)		Range w/45-min rsv (nm)		Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Service Ceiling	Stall Speed (flaps down, kt)	Price
					75% @ alt/pph/gph 65% @ alt/pph/gph	(kt)	75% @ alt 65% @ alt	(nm)					
PIPER† PA-18-150 Super Cub	2	Lyc. O-320-A2B, 150 hp/FP	216/36	1,750/ 984/ 550	100 @ 5,000'/54/9 NA		340 @ 5,000' NA		500'/ 885'	960	19,000'	37	\$38,950
Price includes engine instruments, airspeed, altimeter, compass, heater, dual controls, shoulder harnesses. Available aircraft are 1983 models. †Made by Piper; sold through WTA, Incorporated.													
BEECH Skipper 77	2	Lyc. O-235-L2C, 115 hp/FP	174/29	1,675/ 1,103/ 403	105 @ 6,500'/44/7 97 @ 4,500'/38/6		342 @ 6,500' 369 @ 4,500'		1,280'/ 1,313'	720	12,900'	47	NA
Price includes engine gauges, airspeed, altimeter and magnetic compass.													
BEECH C23 Sundowner	4	Lyc. O-360-A4K, 180 hp/FP	342/57	2,450/ 1,494/ 613	124 @ 8,500'/65/11 114 @ 8,500'/54/9		564 @ 8,500' 623 @ 8,500'		1,955'/ 1,484'	792	12,100'	51	NA
Price includes engine gauges and pitot-static system. Max payload calculated at max standard fuel.													
PIPER PA-38 Tomahawk II	2	Lyc. O-235-L2C, 112 hp/FP	192/32	1,670/ 1,128/ 369	108 @ 7,100'/33/5.5 100 @ 5,000'/29/4.8		452 @ 7,100' 468 @ 10,500'		1,460'/ 1,544'	718	13,000'	49	NA
Price includes dual controls, engine gauges, pitot-static system, airspeed, altimeter, compass, shoulder harnesses and exterior paint.													

## SINGLE - ENGINE RETRACTABLE GEAR

Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (full fuel, lb)	Cruise Speed (kt)		Range w/45-min rsv (nm)		Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Service Ceiling	Stall Speed (gear, flaps down, kt)	Price
					75% @ alt/pph/gph 65% @ alt/pph/gph	(kt)	75% @ alt 65% @ alt	(nm)					
BEECH V35B Bonanza	4-5	Cont. IO-520-BB, 285 hp/CS	444/74	3,400/ 2,110/ 846	172 @ 6,000'/90/15 163 @ 8,000'/78/13		716 @ 6,000' 777 @ 10,000'		1,769'/ 1,324'	1,167	17,858'	51	NA
Price includes engine gauges, nav/com and pitot-static system. Max payload calculated at max standard fuel.													
BEECH C24R Sierra	4-6	Lyc. IO-360-A1B6, 200 hp/CS	342/57	2,750/ 1,694/ 713	137 @ 10,000'/61/10 127 @ 10,000'/54/9		646 @ 10,000' 670 @ 10,000'		1,561'/ 1,462'	927	15,385'	60	NA
Price includes engine gauges and pitot-static system. Max payload calculated at max standard fuel.													

## MULTI-ENGINE PISTON

Manufacturer and Model	Seats	Powerplants	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (full fuel, lb)	Cruise Speed (kt)		Range w/45-min rsv (nm)		Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb/ Engine out ROC (fpm)	Service/ SE Svc Ceiling	Stall Speed (gear, flaps down)/Vmc (kt)	Price
					75% @ alt/pph/gph 65% @ alt/pph/gph	(kt)	75% @ alt 65% @ alt	(nm)					
BEECH B55 Baron	4-6	2 Cont. IO-470-L, 260 hp ea.	816/ 136	5,100/ 3,236/ 1,264	188 @ 6,000'/168/28 179 @ 8,000'/139/23		800 @ 6,000' 907 @ 10,000'		2,154'/ 2,148'	1,693/ 397	19,300'/ 6,400'	73/ 79	NA
Price includes engine gauges, nav/com and pitot-static system. Max payload calculated at max standard fuel.													
BEECH E55 Baron	4-6	2 Cont. IO-520-CB, 285 hp ea.	996/ 166	5,300/ 3,291/ 1,409	199 @ 7,000'/182/30 190 @ 8,000'/160/27		958 @ 7,000' 1,032 @ 10,000'		2,050'/ 2,202'	1,682/ 388	19,100'/ 6,000'	73/ 81	NA
Price includes engine gauges, nav/com, ADF and pitot-static system. Max payload calculated at max standard fuel.													
BEECH 58TC Baron	4-6	2 Cont. TSIO-520-WB, 325 hp ea.	1,140/ 190	6,200/ 3,793/ 1,411	237 @ 25,000'/222/37 222 @ 25,000'/174/29		1,030 @ 25,000' 1,093 @ 25,000'		2,643'/ 2,427'	1,475/ 270	25,000'/ 13,490'	78/ 80	NA
Price includes engine gauges, nav/com, ADF and pitot-static system. Max payload calculated at max standard fuel.													
BEECH 76 Duchess	4	2 Lyc. O-360-A1G6D, 180 hp ea.	600/ 100	3,900/ 2,466/ 834	164 @ 8,000'/126/21 160 @ 8,000'/118/20		653 @ 8,000' 711 @ 10,000'		2,119'/ 1,881'	1,248/ 235	19,650'/ 6,170'	60/ 65	NA
Price includes dual controls, engine gauges and pitot-static system.													
PIPER PA-31-325 Navajo C/R	6-8	2 Lyc. TIO-540-F2BD, 325 hp ea.	1,098/ 183	6,500/ 4,099/ 1,300	220 @ 20,000'/186/31 208 @ 20,000'/168/28		940 @ 20,000' 1,000 @ 20,000'		2,250'/ 1,750'	1,220/ 255	24,000'/ 15,300'	63/ 74	NA
dual exhaust gas temperature gauges. Service ceiling is max approved operating altitude.													