

1986 GENERAL AVIATION AIRCRAFT DIRECTORY

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
SCHEIBE SF25C Falke 82	2	Limbach SL 1700EA, 65 hp 78/12	1,344 850 NA	97 35	600 450	NA	47	3.3	24:1	24.75 50.16	\$29,700
SCHEIBE SF28A 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	26.66 53.33	\$30,096
SCHEIBE SF25E 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	24.5 59	\$30,500
SCHEIBE SF25C Falke 2000	2	Limbach L2000 80 hp 72/12	1,344 848 NA	132 35	330 624	198	47	3.3	24:1	24.9 50.2	\$30,510
SIREN RIK-30	1	Rotax 505, 43 hp 48/8	1,014 683 175	151 38	500 790	44	59	1.8	45:1	21.42 55.83	\$32,000
<i>Price includes tachometer, cylinder head temperature, fuel gauge and engine time.</i>											
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	\$32,500
<i>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.</i>											
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>Price includes fully retractable 60-hp engine. Carbon fiber wing construction.</i>											
VALENTIN Taifun 17E	2	Limbach L 2000, 80 hp 145/23	1,808 1,278 NA	132 36	882 492	51	59	3.8	28.6:1	25.6 55.8	\$42,800
<i>All fiberglass; tricycle retractable landing gear; one-man folding wings; three-position variable-pitch propeller; flaps plus spoilers. Also available w/90-hp engine.</i>											
GROB G-109B	2	G-2500 E-1, 90 hp 156/26	1,874 1,367 NA	130 39	650' 650	51	62	3.6	28:1	26.5 57.08	\$42,950
<i>Price includes import and delivery charges to Bluffton, Ohio; standard equipment includes nav antenna, power receptacle, three-position propeller, instruments, folding wings and gull-wing doors.</i>											
VALENTIN Taifun 17EA	2	Limbach L2400 90 hp 145/23	1,874 1,364 NA	132 36	715 571	226	60	3.8	28.6:1	25.6 55.8	\$45,390
<i>All-fiberglass, tricycle retractable landing gear, one-man folding wings, flaps and spoilers, and electrically controlled variable-pitch propeller all standard equipment.</i>											

BALLOON

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)	Base Price
ADAMS A37H	1	37	48	27,000	190	450	AX-3	43	\$4,800
<i>Price includes one fuel tank and hang harness.</i>									
EAGLE BALLOONS Sundancer	1-2	39	46	28,000	158	600	AX-4	43-87	\$6,450
<i>Price includes envelope, envelope bag, instruments, parachute valve, two fuel tanks, redundant burner, fire-retardant wicker basket and envelope skirt.</i>									
HEAD BALLOONS AX5-42	1-2	45	59	42,000	590	1,000	AX-5	174	\$6,550
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 11 standard colors on envelope and choice of parachute top or parapop-top combination.</i>									

*Gross Weight, sea level; NA—Not Available

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ADAMS LD	1	42	51	34,000	370	NA	AX-4	86	\$6,800
<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	\$6,990
<i>Price includes complete leather-trimmed gondola, choice of deflation system, Nomex throat, one fuel tank and all FAA-required flight instruments.</i>									
BALLOON WORKS GF-56	1-2	50	54	56,000	474	1,050	AX-6	20-30	\$7,995
<i>Price includes triangular GF carriage, standard instruments, colored wicker basket, TS-103 burner, two 10-gallon fuel cylinders, Fire 2, storage bag and skirt.</i>									
CAMERON V-31	1	40	44	31,450	195	620	AX-4	90	\$8,365
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
AVIAN Sparrow	1-2	44	54	42,000	325	700	AX-5	87	\$8,995
<i>Price includes high-performance burner with added redundant system; full LCD instruments, including altimeter, vario, dual temp. indicator; envelope, envelope bag; basket; burner supports; and two fuel tanks.</i>									
EAGLE BALLOONS Mark V B	1-3	50	59	56,000	317	990	AX-6	87-129	\$9,450
<i>Price includes envelope, envelope bag, instruments, parachute valve, two fuel tanks, redundant burner, fire-retardant wicker basket and envelope skirt.</i>									
HEAD BALLOONS AX6-58	1-2	50	65	58,000	620	1,250	AX-6	174	\$9,480
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 11 standard colors on envelope and choice of parachute top or para/pop-top combination.</i>									
BALLOON WORKS FF42	1-2	46	49	42,000	371	870	AX-5	20-30	\$9,495
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
BALLOON WORKS DF56	1-3	50	54	56,000	474	1,050	AX-6	22-30	\$9,595
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
CAMERON O-31	1	40	44	31,450	198	620	AX-4	90	\$9,600
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
ADAMS A50	1-3	50	60	55,000	605	NA	AX-6	86-174	\$9,750
<i>Price includes complete leather-trimmed gondola, Nomex throat, choice of deflation system, two fuel tanks and all FAA-required flight instruments.</i>									
HEAD BALLOONS AX7-67	1-3	50	70	67,500	630	1,250	AX-7	174	\$9,875
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 11 standard colors on envelope and choice of parachute top or para/pop-top combination.</i>									
ADAMS A50S	1-3	50	63	62,000	615	1,250	AX-7	86-174	\$9,950
<i>Price includes complete leather-trimmed gondola, choice of deflation system, Nomex throat, two fuel tanks and all FAA-required instruments.</i>									
GALAXY BALLOONS AX-7 Galaxy 7	3-4	56	57	77,500	595	NA	AX-7	169	\$9,995
<i>Price includes hand-woven wicker basket finished in suede trim, integral net envelope, 20 million BTU burner, full instrumentation, fabric skirt, envelope, pack-up bag.</i>									
CAMERON N-31	1	40	44	31,450	215	620	AX-4	90	\$10,100
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, VVI and dial thermometer.</i>									
CAMERON V-56	4	50	55	56,000	455	1,120	AX-6	90	\$10,120
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
AVIAN Falcon II	1-3	51	61	60,000	380	1,000	AX-7	87-130	\$10,125
<i>Price includes high-performance burner with added redundant system; full LCD instruments, including altimeter, vario, dual temp. indicator; envelope, envelope bag; basket; burner supports; and two fuel tanks.</i>									

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BALLOON WORKS DF65	1-3	52	56	65,000	495	1,050	AX-7	22-30	\$10,195
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
RAVEN RX-6 Rally II	1-3	50	58	56,400	415	1,430	AX-6	85	\$10,445
HEAD BALLOONS AX7-77	1-4	55	70	77,000	650	1,400	AX-7	174	\$10,540
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 11 standard colors on envelope and choice of parachute top or para/pop-top combination.</i>									
CAMERON O-42	2	45	50	42,000	215	840	AX-5	90	\$10,600
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
CAMERON V-65	4	53	56	65,000	465	1,300	AX-7	90	\$10,600
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
BALLOON WORKS DF650	1-3	52	56	65,000	495	1,050	AX-7	20-30	\$10,695
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, colored wicker basket and storage bag.</i>									
BALLOON WORKS FF56	1-3	50	54	56,000	474	1,050	AX-6	20-30	\$10,695
<i>Price includes triangular carriage, colored wicker basket, standard instruments, TS-103 burner, suede trim, two 10-gallon fuel cylinders, Fire 2, skirt and storage bag.</i>									
ADAMS A55	1-4	55	65	75,000	630	1,500	AX-7	86-174	\$10,750
<i>Price includes complete leather-trimmed gondola, Nomex throat, choice of deflation system, two fuel tanks, and all FAA-required flight instruments.</i>									
RAVEN RX-7 Rally II	1-3	55	63	77,500	470	1,480	AX-7	85	\$10,885
HEAD BALLOONS AX8-88	2-4	55	75	88,000	665	1,500	AX-8	174	\$10,970
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 11 standard colors on envelope and choice of parachute top or para/pop-top combination.</i>									
RAVEN 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>									
BALLOON WORKS FF65	1-3	52	56	65,000	495	1,050	AX-7	20-30	\$11,245
<i>Price includes triangular carriage, standard instruments, suede trim, TS-103 burner, two 10-gallon fuel cylinders, Fire 2, skirt, storage bag and colored wicker basket.</i>									
ADAMS A55S	1-5	55	69	83,000	640	1,500	AX-8	86-174	\$11,250
<i>Price includes complete leather-trimmed gondola, choice of deflation system, Nomex throat, two fuel tanks and all FAA-required instruments.</i>									
AVIAN Skyhawk	1-4	55	66	80,000	480	1,400	AX-8	130	\$11,290
<i>Price includes high-performance burner with added redundant system; full LCD instruments, including altimeter, vario, dual temp. indicator; envelope, envelope bag; basket; burner supports; and three fuel tanks.</i>									
CAMERON V-77	5	55	62	77,500	515	1,540	AX-7	90	\$11,360
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
HEAD BALLOONS AX8-105	3-5	60	75	105,000	690	1,700	AX-8	174	\$11,710
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 11 standard colors on envelope and choice of parachute top or para/pop-top combination.</i>									

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CAMERON O-56	4	50	55	56,000	470	1,120	AX-6	90	\$11,750
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
EAGLE BALLOONS C-7 Silver Eagle	1-4	56	68	78,133	376	1,280	AX-7	87-173	\$11,995
<i>Price includes chevron pattern, choice of three colors, fire-retardant wicker basket, redundant burner, two fuel tanks, instruments, envelope bag, scuff and suede trim.</i>									
RAVEN S-50A Rally "S"	1-3	50	58	56,400	415	1,430	AX-6	85	\$12,000
HEAD BALLOONS AX8-118	3-6	60	80	118,000	720	1,800	AX-9	174	\$12,160
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede-trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 11 standard colors on envelope and choice of parachute top or parapop top combination.</i>									
CAMERON O-65	4	53	56	65,000	478	1,300	AX-7	90	\$12,200
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
CAMERON N-56	4	50	55	56,000	470	1,120	AX-6	90	\$12,250
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
BALLOON WORKS DF77	1-3	55	59	77,000	504	1,660	AX-7	20-30	\$12,295
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
RAVEN S-50A Classic Custom	1-4	50	58	56,400	490	1,400	AX-6	127	\$12,425
THUNDER & COLT Series One 42	1-2	44.6	59.6	42,000	431	683	AX-5	126	\$12,485
<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 40 x 38 basket and two 15-gallon fuel tanks.</i>									
RAVEN S-55A Rally "S"	1-3	55	63	77,500	470	1,480	AX-7	85	\$12,645
CAMERON N-65	4	53	56	65,000	500	1,300	AX-7	90	\$12,700
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
CAMERON O-77	5	55	62	77,500	525	1,540	AX-7	90	\$12,900
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
BALLOON WORKS DF770	1-3	55	59	77,000	504	1,660	AX-7	20-30	\$12,995
<i>Price includes triangular carriage, standard instruments, TX-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
EAGLE BALLOONS C-7 Golden Eagle	1-4	56	68	78,133	402	1,280	AX-7	87-173	\$12,995
<i>Price includes chevron or horizontal design, choice of six colors, skirt, redundant burner, three fuel tanks, fire-retardant wicker basket with suede trim, scuff leather, digital LED instruments, bags for envelope, burner, basket and stanchions, drop line and pouch.</i>									
CAMERON O-84	5	59	65	84,000	580	1,680	AX-8	90	\$13,300
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
BALLOON WORKS FF77	1-3	55	59	77,000	504	1,660	AX-7	20-30	\$13,375
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									

NA—Not Available

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CAMERON N-77	5	55	62	77,500	530	1,540	AX-7	90	\$13,400
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
RAVEN S50-A Classic Limited	1-4	50	58	56,400	490	1,400	AX-6	169	\$13,745
THUNDER & COLT Series One 56	1-3	50.5	66.2	56,000	464	946	AX-6	126	\$13,825
<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 40 x 40 basket and two 15-gallon fuel tanks.</i>									
BALLOON WORKS DF90	1-4	59	66	90,000	557	1,660	AX-8	30-60	\$13,995
<i>Price includes triangular carriage, standard instruments, suede trim, TS-103 burner, two 10-gallon fuel cylinders, Fire 2, skirt, storage bag and colored wicker basket.</i>									
RAVEN S-55A Classic Custom	1-5	55	63	77,500	530	1,450	AX-7	127	\$14,075
BALLOON WORKS FF770	1-3	55	59	77,000	504	1,660	AX-7	20-30	\$14,195
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag, colored wicker basket and custom design envelope.</i>									
THUNDER & COLT Series One 65	1-3	53.1	69.1	65,000	495	1,124	AX-7	126	\$14,500
<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 40 x 48 basket and two 15-gallon fuel tanks.</i>									
RAVEN S-60A Rally "S"	1-3	60	69	105,400	500	1,530	AX-8	85	\$14,515
AVIAN Turbo 8	1-6	60	70	105,000	785	1,800	AX-8	174	\$14,750
<i>Price includes high-performance directional burner system; full LCD instruments, including altimeter, vario, dual temp. indicator; envelope, envelope bag; basket with scuff pad; burner supports; and four fuel tanks.</i>									
BALLOON WORKS DF900	1-4	59	66	90,000	557	1,660	AX-8	30-60	\$14,795
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag, colored wicker basket and custom design envelope.</i>									
BALLOON WORKS FF90	1-4	59	66	90,000	557	1,660	AX-8	30-60	\$14,975
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
EAGLE BALLOONS C-7 Imperial Eagle	1-4	56	68	78,133	434	1,500	AX-7	87-173	\$14,995
<i>Price includes chevron or horizontal design, choice of 14 colors, fire-retardant wicker basket with full suede trim, scuff leather, digital LED instruments, fully redundant burner, three fuel tanks, bags for envelope, basket, burner and stanchions, drop line and pouch, multi-color para valve.</i>									
THUNDER & COLT 56A	1-3	51.2	66.5	56,000	466	944	AX-6	126	\$15,145
<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 40 x 40 basket and two 15-gallon fuel tanks.</i>									
THUNDER & COLT Series One 77	1-4	55.1	72.1	77,000	510	1,374	AX-7	126	\$15,195
<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 40 x 54 basket and two 15-gallon fuel tanks.</i>									
RAVEN S55-A Classic Limited	1-5	55	63	77,500	610	1,450	AX-7	169	\$15,395
CAMERON O-105	6	61	70	105,000	620	2,100	AX-8	90	\$15,700
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									

NA—Not Available

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BALLOON WORKS FF900	1-4	59	66	90,000	557	1,660	AX-8	30-60	\$15,845
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag, colored wicker basket and custom design envelope.</i>									
CAMERON N-105	6	61	70	105,000	660	2,100	AX-8	90	\$16,200
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, anchors, fuel cylinders, basket, altimeter, VVI and dial thermometer.</i>									
THUNDER & COLT 69A	1-3	53.5	69.5	69,000	497	1,142	AX-7	126	\$16,225
<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 40 x 48 basket and two 15-gallon fuel tanks.</i>									
RAVEN S-60A Classic Custom	1-5	60	69	105,400	580	1,800	AX-8	127	\$16,275
CAMERON A-105	6	61	70	105,000	640	2,100	AX-8	90	\$16,800
<i>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.</i>									
ADAMS A-B Air Bus	1-6	64	76	125,000	780	2,000	AX-9	174	\$16,850
<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>									
BALLOON WORKS FF105	1-6	62	65	105,000	584	2,020	AX-8	60	\$17,145
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
THUNDER & COLT 77A	1-4	55.8	72.7	77,000	515	1,387	AX-7	126	\$17,385
<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 40 x 54 basket and two 15-gallon fuel tanks.</i>									
RAVEN S60-A Classic Limited	1-5	60	69	105,400	660	1,800	AX-8	169	\$17,485
CAMERON A-140	9	67	73	140,000	920	2,800	AX-9	90	\$17,700
<i>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.</i>									
AVIAN Magnum IX	1-8	66	76	140,000	1,000	2,500	AX-9	261	\$17,850
<i>Price includes high-performance directional burner system; full LCD instruments, including altimeter, vario, dual temp. indicator; envelope, envelope bag; basket with scuff pad; burner supports; and six tanks.</i>									
EAGLE BALLOONS DGB-108	1-6	62	77	108,418	487	1,900	AX-8	87-215	\$17,995
<i>Price includes chevron or horizontal design, choice of 14 colors, fire-retardant wicker basket with full suede trim, scuff leather, digital LED instruments, dual redundant burners, four fuel tanks, Nomex skirt, envelope bag, stanchions, drop line and pouch.</i>									
BALLOON WORKS FF1050	1-6	62	65	105,000	584	2,020	AX-8	60	\$18,145
<i>Price includes triangular carriage, standard instruments, TS-103 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag, colored wicker basket and custom design envelope.</i>									
THUNDER & COLT Series Two 90	1-5	57.6	74	90,000	659	1,627	AX-8	189	\$18,905
<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 40 x 60 basket, double burner and three 15-gallon fuel tanks.</i>									
RAVEN S-60A Classic Limited Stretch	1-7	60	69	105,400	685	1,800	AX-8	169	\$19,550
<i>Price includes double burner, two 20-gallon fuel tanks, instruments, skirt, basket and envelope.</i>									

NA—Not Available

1986 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)	Base Price
RAVEN S66-A Classic Custom	1-5	66	76	140,000	739	2,000	AX-9	127	\$19,685
EAGLE BALLOONS BMF-145	1-8	68	83	145,000	590	2,600	AX-9	129-430	\$19,995
									<i>Price includes chevron or horizontal design, choice of 14 colors, fire-retardant wicker basket with full suede trim, scuff leather, digital LED instruments, three redundant burners, five fuel tanks with FR tank covers, bag for envelope, basket, burner and stanchions, drop line and pouch. Nomex skirt.</i>
RAVEN S-66A Classic Limited	1-5	66	76	140,000	739	2,000	AX-9	169	\$20,895
RAVEN S66-A Classic Custom Stretch	1-7	66	76	140,000	764	2,000	AX-9	127	\$21,300
THUNDER & COLT 105A	1-6	62	78	105,000	747	1,914	AX-8	189	\$21,765
									<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 45 x 68 basket, double burner and three 15-gallon fuel tanks.</i>
THUNDER & COLT Series Two 105	1-6	61.8	77.6	105,000	747	1,914	AX-8	189	\$21,765
									<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 45 x 68 basket, double burner, three 15-gallon fuel tanks.</i>
RAVEN S-66A Classic Limited Stretch	1-7	66	76	140,000	764	2,000	AX-9	169	\$22,515
									<i>Price includes double burner, two 20-gallon fuel tanks, instruments, skirt, basket and envelope.</i>
RAVEN S-66A Classic IX	1-8	66	88	140,000	1,023	2,000	AX-9	254	\$24,195
CAMERON A-210	13	77	82	210,000	1,200	3,130	AX-10	300	\$27,000
									<i>Price includes 48 x 70 10-passenger basket and double burner.</i>
THUNDER & COLT 160A	1-9	71.2	88.2	160,000	983	2,337	AX-10	189	\$27,580
									<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 60 x 87 T-partition basket, triple burner, rotation vents, combination top and three 15-gallon fuel tanks.</i>
RAVEN Classic X	1-8	77	98	211,000	1,123	2,850	AX-10	254	\$28,595
THUNDER & COLT 240A	1-13	80.4	97.3	240,000	1,209	2,755	AX-11	252	\$33,125
									<i>Price includes Liquid Fire, full Ball 655 digital instrumentation, basket cover, Halon fire extinguisher, piezo ignition, refueling hose, Nomex flight skirt and throat, choice of envelope and suede colors, 60 x 102 T-partition basket, quad burner, rotation vents, combination top and four 15-gallon fuel tanks.</i>
SKYPOWER GBN-32-500 Gas Balloon	1-2	32	64	17,500	265	1,153	AA-4	NA	\$38,700
									<i>Price includes ground support equipment.</i>
CAMERON D-50	1	82' long	48	50,000	780	1,000	BX-5	90	\$39,500
									<i>Price includes envelope, car, engine, fin inflation, instruments and two 10-gallon fuel tanks. This is a hot-air blimp, solo only with two-hour duration and 15-kt airspeed.</i>
THUNDER & COLT AS-42	1	32.8	82	42,000	517	798	BX-3	84	\$42,295
									<i>Pressurized hot-air airship. Max speed, 25 kt.</i>
SKYPOWER GBN 41-1000 Gas Balloon	1-6	42	70	35,000	450	2,300	AA-5	NA	\$46,200
									<i>Price includes ground support equipment.</i>

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)	Base Price
THUNDER & COLT AS-56	1	33.5	85	56,000	542	1,064	BX-3	84	\$52,495
<i>Price includes envelope, car, two engines, full instrumentation. This is a pressurized hot-air airship, solo only, 25 knot max speed.</i>									
THUNDER & COLT AS-90	1-2	42.9	104.9	90,000	1,155	1,170	BX-NA	252	\$94,295
<i>Pressurized hot-air airship. Max speed 25 kt.</i>									
THUNDER & COLT AS-105	1-2	44.3	111.5	105,000	1,221	1,995	BX-NA	252	\$105,000
<i>Pressurized hot-air airship. Max speed 25 kt.</i>									
GALAXY BALLOONS AX-8 Galaxy 8	3-4	59	60	92,000	NA	NA	AX-8	169	NA
<i>Price includes hand-woven wicker basket finished in suede trim, integral net envelope, 20 million BTU burner, full instrumentation, fabric skirt, envelope, pack-up bag.</i>									

ON HOLD

SINGLE - ENGINE FIXED GEAR

Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	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 (ft)	Stall Speed (landing config., kt)
CESSNA 152	2	Lyc. O-235-N2C, 108 hp/FP	156/26	1,675 1,104 424	106 @ 8,500/36/6 99 @ 8,000/31/5.2	315 @ 8,500 342 @ 11,000	1,340 1,200	715	14,700	43
CESSNA 152 Aerobat	2	Lyc. O-235-N2C, 108 hp/FP	156/26	1,675 1,131 397	105 @ 8,500/36/6 97 @ 8,000/31/5.2	310 @ 8,500 338 @ 11,000	1,340 1,200	715	14,700	43
CESSNA 172Q Cutlass	4	Lyc. O-360-A4N, 180 hp/FP	324/54	2,558 1,480 778	122 @ 8,500/60/10 112 @ 6,000/53/8.8	475 @ 8,500 510 @ 6,000	1,690 1,335	680	17,000	48
CESSNA T182 Turbo Skylane	4	Lyc. TO—540-L3C5D, 235 hp/CS	552/92	3,112 1,752 832	158 @ 20,000/90/15 147 @ 20,000/78/13	745 @ 20,000 812 @ 20,000	1,475 1,350	965	20,000	49
CESSNA A185F Skywagon	6	Cont. IO-520-D, 300 hp/CS	528/88	3,362 1,727 1,199	147 @ 7,000/96/16 138 @ 7,000/78/13	645 @ 7,000 715 @ 10,000	1,430 1,400	1,075	17,900	49
CESSNA 207A Stationair 8	8	Cont. IO-520-F, 300 hp/CS	366/61	3,812 2,136 1,352	143 @ 6,500/96/16 133 @ 6,500/84/14	350 @ 6,500 393 @ 6,500	1,970 1,500	810	13,300	58
CESSNA T207A Turbo Stationair 8	8	Cont. TSIO-520-M, 310 hp/CS	366/61	3,816 2,193 1,299	157 @ 20,000/96/16 145 @ 20,000/84/14	340 @ 12,000 355 @ 8,000	1,860 1,500	885	26,000	58
PIPER PA-28-181 Archer II	4	Lyc. O-360-A4M, 180 hp/FP	300/50	2,550 1,413 849	129 @ 8,000/63/10.5 125 @ 12,000/54/9	600 @ 8,000 645 @ 12,000	1,660 1,390	735	13,650	47
PIPER PA-28-236 Dakota	4	Lyc. O-540-J3A5D, 235 hp/CS	462/77	3,000 1,610 958	144 @ 9,100/81.6/13.6 138 @ 12,200/70.8/11.8	720 @ 8,500 770 @ 11,400	1,216 1,530	1,110	17,500	56
PIPER PA-32-301 Saratoga	6-7	Lyc. IO-540-K1G5, 300 hp/CS	642/107	3,600 1,935 1,068	150 @ 8,000/108/18 146 @ 10,000/96/16	823 @ 8,000 911 @ 10,000	1,573 1,530	990	16,000	58
PIPER PA-28-161 Warrior II	4	Lyc. O-320-D3G, 160 hp/FP	300/50	2,440 1,348 811	126 @ 9,000/60/10 118 @ 12,500/52/8.6	590 @ 9,000 633 @ 12,500	1,650 1,160	644	11,000	44

*Gross Weight, sea level; FP—Fixed Pitch; CS—Constant Speed; NA—Not Available

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SINGLE-ENGINE RETRACTABLE GEAR

Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	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)
BEECH F33A Bonanza	4-5	Cont. IO-520-BB, 285 hp/CS	444/74 —	3,400 2,125 843	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
PIPER PA-32R-301 Saratoga SP	6-7	Lyc. IO-540-K1G5D, 300 hp/CS	642/107 —	3,600 1,999 1,004	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
PIPER PA-28RT-201T Turbo Arrow IV	4	Cont. TSIO-360-FB, 200 hp/CS	462/77 —	2,900 1,692 776	172 @ 18,500/84/14 167 @ 20,000/78/13	790 @ 18,000 830 @ 18,000	1,620 1,560	940	20,000	61
PIPER PA-32R-301T Turbo Saratoga SP	6-7	Lyc. TIO-540-S1AD, 300 hp/CS	642/107 —	3,600 2,078 927	177 @ 20,000/119.4/ 19.9 166 @ 20,000/103.2/ 17.2	844 @ 20,000 920 @ 20,000	1,420 1,640	1,120	20,000	56

MULTI-ENGINE PISTON

Manufacturer and Model	Seats	Powerplants	Fuel Capacity Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	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.)/Vmc (kt)
CESSNA T303 Crusader	6	2 Cont. TSIO/LTSIO- 520-AE, 250 hp ea.	930/ 155 —	5,175 3,364 893	193 @ 20,000/159/26 184 @ 20,000/144/24	905 @ 22,000 935 @ 22,000	1,750 1,450	1,480 220	25,000 13,000	62 65
CESSNA 402C Businessliner/ Utililiner	6-8	2 Cont. TSIO-520-VB 325 hp ea.	1,278/ 213 —	6,885 4,077 1,581	208 @ 20,000/216/36 198 @ 20,000/192/32	985 @ 20,000 1,045 @ 20,000	2,195 2,485	1,450 301	26,900 14,800	68 80
CESSNA 414A Chancellor	6-8	2 Cont. TSIO-520-NB 350 hp ea.	1,278/ 213 —	6,785 4,368 1,190	214 @ 25,000/198/33 202 @ 25,000/174/29	1,100 @ 25,000 1,190 @ 25,000	2,595 2,393	1,520 290	30,800 19,850	72 79
CESSNA 421C Golden Eagle	8	2 Cont. GTSIO-520-N, 375 hp ea.	1,278/ 213 —	7,500 4,668 1,622	236 @ 25,000/258/43 223 @ 25,000/228/38	890 @ 25,000 950 @ 25,000	2,323 2,293	1,940 350	30,200 14,900	74 80
MAEL BA42 Twin	6-8	2 Cont. IO-360/D, 210 hp ea.	900/ 150 —	4,250 2,300 750	174 @ 10,000/99/16.5 NA	1,200 @ 10,000 NA	1,800 2,000	800 135	28,000 17,000	57 64
PIPER PA-31-350 Chieftain	8-10	2 Lyc. TIO-540-J2BD, 350 hp ea.	1,152/ 192 —	7,000 4,319 1,634	221 @ 20,000/210/35 204 @ 20,000/192/32	885 @ 20,000 925 @ 20,000	2,410 1,600	1,120 230	24,000 13,700	74 78
PIPER PA-34-220T Seneca III	6-7	2 Cont. TSIO-360-KB, 220 hp ea.	588/98 768/ 128	4,750 2,852 1,363	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

TURBOPROP

Manufacturer and Model	Seats	Powerplants	Fuel Capacity: Standard Optional (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	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)
GULFSTREAM AEROSPACE 840 Commander Jetprop	8-11	2 Garrett TPE331-5-254K, 717 shp ea.	2,848/ 425 —	10,325 6,702 825	267 @ 31,000/378/56 248 @ 31,000/338/50	1,780 @ 31,000	1,833 2,332	2,824 1,003	34,050 21,000	75 94
GULFSTREAM AEROSPACE 900 Commander Jetprop	8-11	2 Garrett TPE331-5-254K, 748 shp ea.	2,848/ 425 —	10,700 7,079 848	267 @ 31,000/376/56 253 @ 31,000/348/52	1,686 @ 31,000	1,937 2,698	2,779 924	32,245 18,140	77 93

*Gross Weight, sea level; CS—Constant Speed; NA—Not Available

Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	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 Cptg. Altitude (ft)	Stall Speed (landing config., kt)
GULFSTREAM AEROSPACE 1000 Commander Jetprop	8-11	2 Garrett TPE331-IO-501K, 820 shp ea.	3,176/474 —	11,200 7,289 785	294 @ 31,000/440/66 255 @ 31,000/350/52	2,080 @ 35,000	2,131 2,670	2,802 929	35,000 21,000	77 95
PIPER PA-31T I Cheyenne IA	6-7	2 P&W PT6A-11, 500 shp ea.	2,506/374 —	8,700 5,104 1,194	261 @ 16,000/550/82 223 @ 29,000/344/51.3	1,330 @ 29,000	1,900 1,630	1,750 440	29,000 13,750	72 85
PIPER PA-31T II Cheyenne IIXL	8	2 P&W PT6A-135, 620 shp ea.	2,506/374 —	9,000 5,487 1,007	275 @ 13,000/704/105 245 @ 31,000/380/56.7	1,300 @ 31,000	2,940 1,773	1,750 470	31,000 14,900	77 91

ROTARY WING

Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity: Standard Optional (lb/gal, no rsv)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	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
AEROSPATIALE SA 315B Lama	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
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	23.6 3
HYNES H-5	5	Lyc. IVO-540-B1A, 305 hp	258/43 —	2,900 1,600 1,060	96 @ SL/90/15	104	239 @ SL	3,000	4,000	28.4 3
ROGERSON HILLER RH-1100	5	Allison 250-C20B, 420 shp derated to 274 shp	363/60.5 —	2,850 1,500 987	104 @ 5,000/122/19	110.5	417 @ 5,000	9,000	17,000	33.7 2
ROGERSON HILLER UH-12E	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	35.3 2

IN THE WORKS

SINGLE-ENGINE PISTON

Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	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 (ft)	Stall Speed (landing config., kt)	Target Base Price
DEVORE AVIATION V-100 Sunbird	2	Emdair CF-077A 60 hp/tp	72/12	1,050 565 413	100 @ NA/18/3 NA	325 @ NA NA	1,000 825	755	NA	38	\$22,000
<i>Certification expected mid-1987. Price (in 1985 dollars) includes VFR day/night airplane with nav/com, VSI, turn coordinator, and dual controls.</i>											
GROB G115	2	Lyc. O-245, 116 hp/FP	148/26	1,984 1,400 584	123 @ 5,000/43/7 125 @ 8,000/38/6	363 @ 5,000 422 @ 8,000	1,480 1,600	760	18,000	50	\$36,000
<i>Certification expected in 1986.</i>											
AEROSPATIALE TB-20 Trinidad TC	4	Lyc. TIO-540-AB1AD, 250 hp/CS	444/74	3,038 1,795 857	187 @ 25,000/98.4/16.4 170 @ 25,000/74.4/12.4	890 @ 25,000* 1,030 @ 25,000*	NA NA	1,090**	25,000	59	\$107,800

*No Reserve. **At 2,000 ft. Certification expected first quarter 1986.

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

1986 GENERAL AVIATION AIRCRAFT DIRECTORY

TURBOPROP

Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity Standard Optional (lb/gal)	Gross Wgt/Empty Wgt/Max Payload (w/full fuel, lb)	Cruise Speed (kt)/Fuel Flow Max @ alt/ppg/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)	Target Base Price
PARTENAVIA AP 68TP-300 Spartacus (fg)	8-9	2 Allison 250-B17C, 328 shp ea.	1,500/ 224 —	5,732 3,241 820	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	\$624,415 <i>Price includes King radio package (basic IFR).</i>
OMAC Laser 300	6-10	1 P&W PT6A-135A, 750 shp	2,010/ 300 —	6,400 3,800 800	252 @ 25,000/261/39 200 @ 25,000/20/30	1,880 @ 25,000	1,700 1,600	2,010 NA	25,000 NA	61 NA	\$660,000 <i>Price is based on fall 1985 dollars. Price for Executive version, including enclosed lavatory, desks, cabin partitions, co-pilot instruments, remote avionics, full deicing and air conditioning is \$975,000. Conventional metal construction.</i>
PARTENAVIA AP68TP-Series 600 Viator	10-11	2 Allison 250-B17C+, 328 shp ea.	1,500/ 224 —	6,283 3,616 2,006	220 @ 12,000/NA/50 170 @ 12,000/NA/46	860 @ 12,000	1,515 1,650	1,930 430	25,000 11,000	70 75	\$750,000 <i>Certification expected summer 1986. Base price is without avionics.</i>
MIKE SMITH AERO Smith Prop-Jet	6	1 P&W PT6A-41, 850 shp	1,482/ 220 —	5,182 3,182 518	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	\$895,000 <i>Price includes basic instruments and IFR equipment.</i>
AVTEK AV-400	6-9	2 P&W PT6A-135, 750 shp ea.	1,742/ 260 —	6,000 3,679 580	326 @ 37,000/NA 362 @ 26,000/NA	2,396 @ 37,000	1,450 1,220	5,032 2,062	41,000 33,000	82 NA	\$1,750,000 <i>Price includes standard IFR instrument package with avionics. Certification expected Dec. 1987.</i>
SKYTRADER ST-1700	20	2 P&W PT6A-42, 850 shp ea.	2,880/ 480 —	13,400 6,000 3,120	215 @ SL/591/983 NA	1,100 @ 10,000	845 875	2,100 545	25,000 16,000	50 48	\$2,021,000 <i>Base price includes pilot and copilot instrumentation, oxygen for crew and passengers, full anti-ice, heater, full interior and seats, two landing lights, strobes, ground service receptacle, passenger comfort units. Optional King commuter package includes three navcoms, dual HSI's, KFL 225 flight control system, KW656 stabilized color radar, \$99,480.</i>
PIAGGIO GP-180 Avanti	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 <i>Certification and initial deliveries expected end of 1987. Priced in 1983 dollars for the first 25 aircraft.</i>
BEECH Starship 1	10-12	2 P&W PT6A-67, 1,000 hp ea.	3,400/ 508 —	12,500 8,011 1,089	350 @ 30,000/NA 266 @ 39,000/NA	2,275 @ 39,000	2,400 2,880	3,250 1,180	39,900 29,400	79 NA	\$3,300,000 <i>Priced in 1984 dollars with full glass panel, will be certified to 41,000 ft.</i>
DE HAVILLAND DHC-8 Series 300 Dash 8	50-52	2 P&W PW 123, 2,400 shp ea.	5,678/ 835 10,160/ 1,494	39,600 24,200 9,722	282 @ 15,000/1,256/180 245 @ 25,000/972/140	1,255 @ NA	†3,600 †3,450	1,860 410	25,000 13,200	77 75	\$7,500,000 <i>Certification expected mid-1988. Fully equipped for airline service. †Per FAR Part 25.</i>
FOKKER Fokker 50	58	2 P&W PW 124, 2,160 shp ea.	9,090/ 1,357 —	45,900 27,500 12,500	248 @ 20,000/1,299/194 230 @ 20,000/919/137	1,570 @ NA	5,770 3,475	NA 15,000	25,000 NA	71 NA	\$7,600,000* <i>First delivery scheduled for January 1987. *1985 dollars.</i>
AEROSPATIALE/ AERITALIA ATR72	66	2 P&W PW 124, 2,400 shp ea.	11,023/ 1,680 —	44,070 26,895 15,765	286 @ NA/1,095/167 NA	720 @ NA	4,165 3,315	NA NA	25,000 NA	NA	\$8,650,000 <i>Certification expected November 1988. Optional higher weights and range will be available.</i>
BRITISH AEROSPACE ATP	64	2 P&W PW 124, 2,400 shp ea.	11,200/ 1,679 —	49,500 29,970 8,330	265 @ 25,000/1,150/170 NA	985 @ NA	3,585 3,350	5,050 3,600	25,000	NA	\$9,200,000 <i>Certification expected mid-1987. Price is for fully equipped airliner.</i>
AGUSTA SIAI MARCHETTI SF260TP	2	1 Allison 250-B17D, 350 shp	392/ 59 —	2,646 1,720 926	230 @ 10,000/205/31 216 @ 10,000/185/28	846 @ 10,000	970 1,000	2,170 NA	28,000 NA	NA 62	NA <i>Certification expected summer 1986. Fully aerobatic.</i>
AGUSTA SIAI MARCHETTI SF600TP Canguro	11	2 Allison 250-B17C, 420 shp ea.	3,015/ 450 —	7,275 3,970 3,305	165 @ 5,000/484/72 155 @ 10,000/396/60	853 @ 12,000	836 820	1,520 575	24,000 11,000	NA 59	NA <i>Certification expected fall 1986. Available with fixed or retractable gear. Cargo volume: 279 cubic feet.</i>

*Gross Weight, sea level; NA—Not Available

Manufacturer and Model	Seats	Powerplant/ Prop type	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	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 (ft)	Stall Speed (landing config., kt)	Target Base Price
AIRTECH (CASA/NURTANIO) CN-235	44	2 GE CT7-7A 1,700 shp ea.	8,818/ 1,316	31,746 22,486 9,260	244 @ 15,000/NA NA	2,110 @ 18,000	2,165 1,920	1,527 420	26,000 14,925	NA	NA

Certification expected 1986. Passenger version. Weights differ for cargo version. Figures preliminary.

TURBOFAN

Manufacturer and Model	Seats	Powerplants	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	Cruise Speed (kt)/Fuel Flow @ alt/ppg/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	Max. Optg. Altitude/ SE Svc Ceiling	Stall Speed (landing config.)/ Vmc (kt)	Target Base Price
AGUSTA-CAPRONI C22J Ventura	2	2 Microturbo TRS18-1, 325 lbs. thrust 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	25,000	73 NA	\$385,000

Balanced field length not applicable under FAR Part 23. Certification expected July 1986. Fully aerobatic to +7.0/-3.5 G.

CESSNA 500 Citation I (remanufactured)	7-8	2 P&W JT15D-1B, 2,200 lbs. thrust ea.	3,807/ 564	12,000 6,631 1,589	360 @ 35,000/942/139	1,326 @ 41,000	2,463 2,270	2,719 826	2,930 21,000	41,000	82 NA	\$1,495,000
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Price includes full IFR instrumentation, FD/AP, radar, dual nav/com and interior. Also available as Citation I/SP, Model 501. Available 4Q86.

CESSNA 550 Citation II	9-10	2 P&W JT15D-4B, 2,500 lbs. thrust ea.	5,638/ 835	14,300 7,716 1,146	405 @ 35,000/1,194/177	1,993 @ 41,000	2,890 2,480	3,080 930	3,650 26,000	43,000	81 75	\$2,195,000
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Available 1Q87.

DASSAULT Falcon 900	12-15	3 Garrett TFE731-5A-1C, 4,500 shp ea.	19,000/ 2,836	45,500 22,573 3,100	430 @ 43,000/1,675/250	4,200 @ 43,000	5,400 2,270	3,500 1,765	5,400 NA	51,000	78 83	\$13,500,000 (est)
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GULFSTREAM AEROSPACE Gulfstream IV	14-19	2 RR 183-03 MK 610-8, 12,420 lbs. thrust ea.	29,300/ 4,340	70,200 33,400 1,600	459 @ 45,000/NA	4,535 @ 45,000	5,100 3,200	4,350 1,300	5,100 27,000	45,000	105 NA	\$14,500,000 (est)
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Price does not include interior completion. Delivery mid-1986.

FOKKER Fokker 100	119	2 R-R 183-03 Mk620-15, 13,550 lbs. thrust ea.	23,080/ 3,445	95,000 51,260 25,240	404 @ 35,000/3,466/517	1,630 @ 35,000	6,350 NA	NA NA	NA 35,000	35,000	NA	\$18,600,000
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Balanced field length not applicable under FAR Part 23. Certification expected 1987.

MCDONNELL DOUGLAS MD-87	20-130	2 P&W JT8D-219, 20,000 lbs. thrust ea.	62,444/ 9,320	147,000 77,000 41,000	M.80 @ NA/3,520/525	4,800 @ NA	4,000 3,700	2,000 NA	7,520 NA	37,000	83 NA	\$21,000,000*
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Deliveries scheduled to begin late 1987. *Green.

ROTARY WING

Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity Standard Optional (lb/gal, no rsv)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	Cruise Speed (kt)/ Fuel Flow @ alt/pph/gph	Never Exceed Speed (Vne, kt)	Max Range nm @ alt	Hover OGE	Hover IGE	Main Rotor Diameter (ft)/ # Blades	Target Base Price
AEROSPATIALE AS 350B-1 Ecuireul	6-7	1 Turbomeca Arriel, 684 shp	945/ 140	4,850 2,447 1,458	NA	147	NA	6,561	9,515	35.1 3	\$540,000

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—5,400 lb. Available 3Q86.

AEROSPATIALE AS 355F-2 TwinStar	6-7	2 Allison 250-C20F, 420 shp ea.	1,303/ 193	5,600 2,900 1,397	NA	150	NA	NA	NA	35 3	\$875,000
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Price includes gyro instrumentation, engine gauges, skid landing gear with removeable wheels, and navigation and instrument lighting system. Available 3Q86.

AEROSPATIALE SA 365N-1 Dauphin 2	14	2 Turbomeca Arriel-C, 738 shp ea.	2,032/ 301	9,039 NA NA	NA	165	NA	NA	NA	39 4	\$2,450,000
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Price includes enlarged Fenestron with 11 composite blades, SFIM 155D autopilot, co-pilot kit, power-assisted brakes, nosewheel caster lock, MRH gust stop. Available 4Q86.

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

1986 GENERAL AVIATION AIRCRAFT DIRECTORY

Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity Standard Optional (lb/gal, no rsv)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	Cruise Speed (kt)/ Fuel Flow @ alt/pph/gph	Never Exceed Speed (Vne, kt)	Max Range nm @ alt	Hover OGE	Hover IGE	Main Rotor Diameter (ft)/ # Blades	Target Base Price
WESTLAND Westland 30 Series 300	17-19	2 GE CT7-6 2,000 shp ea.	2,300/ 343 1,300/ 194	16,000 10,050 5,950	150 @ NA/970/145	171	356 @ NA	4,400	10,000	42.5 5	\$4,550,000

Certification expected 1987. Price includes IFR package, dual controls, airline interior.

AEROSPATIALE AS 332L-1 Super Puma	25	2 Turbomeca Makila-A, 1,862 shp ea.	3,674/ 544 —	18,960 9,560 5,726	NA	150	NA	NA	NA	51 4	\$4,750,000
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Price includes dual controls, engine gauges, gyro instrumentation, navigation and instrument lighting system. Available 3Q86.

EH INDUSTRIES EH 101	30-33	3 GE CT7-6A 2,000 shp ea.	7,400/ 1,105 1,850/ 276	31,500 19,052 5,048	160 @ NA/1,600/239	180	750 @ 5,000	3,500	8,200	61 5	\$8,250,000
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Certification expected 1990. Price includes IFR package, dual controls, airline interior.

BELL 400	7	2 Allison C20P, 420 shp ea.	1,283/ 140	5,500 3,075 972	130 @ 4,000/NA	420	NA	7,600	NA	35 4	NA
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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 (ft)/ *Rate of Climb (fpm)	Minimum Sink (kt)	Best Lift Over Drag (kt)	Lowest Sink Rate (fps)	Glide Ratio	Length (ft)/ Span (ft)	Target Base Price
SCHEIBE SF-36	2	Limbach L2000, 80 hp 84/14	1,452 970 NA	132 40	650 588	174	52	174	28:1	23.6 53.4	\$32,700

Certification expected in 1986. All-fiberglass. Available with folding wings and 1- or 2-wheel landing gear.

GLASER DIRKS DG-500M/22	2	NA, 75 hp/ 108/18	1,650 920 340	146 36	800 600	44	59	1.9	47:1	24.9 72.25	\$49,000
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Features a fully retractable engine, digital LCD instruments, carbon fiber wing construction with flaps and retractable landing gear.

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)	Target Base Price
GLASER-DIRKS DG-600/18	1	1,320 640 500	146	34	NA	NA	41	59	1.7	50:1	22.9 59.1	\$25,000

Ultra-thin, all-carbon wing with 12% airfoil section.

BALLOON

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)	Target Base Price
ADAMS A60	5	60	72	105,000	740	1,500	AX-8	86-174	\$13,950

Certification expected summer 1986. Price includes complete leather-trimmed gondola, Nomex throat, choice of deflation system, two fuel tanks, all FAA-required flight instruments.

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

For more information on aircraft listed in this directory, manufacturers' addresses and telephone numbers can be found on p. 126.