

Manufacturer and Model	Seats	Powerplant/ Prop type	Hopper Capacity (gal)	Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Max Payload (w/full fuel, lb)	Working Speed (kt)/ pph/gph	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Stall Speed (landing config., kt)	Base Price
AYRES S2R-T34/510 Turbo Thrush	1-2	P&W PT6A-34AG, 750 shp/CS	510	1,550/228	8,500 3,900 3,050	90-130 272/40	800 500	1,750	57	\$395,500
<i>Price includes Hartzell reversing full feathering propeller, centrifugal air filtration system, two-inch spray system, windshield wiper/washer, 24-volt/200-amp electrical system, 29-inch tires/wheels, aft crew seat, navigation/instrument and wing tip strobe lights. Also available with 400-gal hopper.</i>										
NORMAN Aeroplane Fieldmaster	2	P&W PT6A-34AG, 750 shp/FP	547	1,647/244	10,000 4,480 3,695	NA	1,160 †300	730	61	\$400,000
<i>†With reverse thrust.</i>										
AIR TRACTOR AT-503	2	P&W PT6A-45R, 1,100 shp/CS	500	1,690/260	10,500 4,800 5,700	110-140 370/57	NA	NA	51	\$475,000
<i>Includes all spray equipment, strobe lights and dual 3-piston brakes.</i>										
AYRES S2R-T65/510 Turbo Thrush	2	P&W PT6A-65R, 1,230 shp/CS	510	1,550/228	10,500 4,000 4,950	140 374/55	NA	3,750	57	\$595,500
<i>Includes Hartzell reversing 5-blade propeller, centrifugal air filtration system, two-inch spray system, windshield wiper/washer, 24-volt/200-amp electrical system, 29-inch tires and wheels, aft crew seat, navigation/instrument and wing tip strobe lights. Also available with 400-gallon hopper.</i>										

SAILPLANE

Manufacturer and Model	Seats	Gross Wgt/ Empty Wgt/ Ballast Wgt (lb)	Max Speed (kt)	Stall Speed (kt)	Airplane Tow (max kt)	Auto/Winch Tow (max kt)	Min Sink (kt)	Best Lift Over Drag Speed (kt)	Lowest Sink Rate (fps)	Glide Ratio	Length (ft)/ Span (ft)	Base Price
GLASER-DIRKS DG-101 Club	1	940 490 290	140	32	90	70	39	55	1.8	36:1	22.92 49.16	\$13,100
<i>Club-class sailplane with safety cockpit and fixed landing gear.</i>												
GLASER DIRKS DG-101	1	940 500 290	140	33	90	70	39	57	1.8	39:1	22.92 49.16	\$13,400
<i>Price includes retractable landing gear, water ballast, oxygen mount, canopy cover and antenna.</i>												
VALENTIN Mistral-C	1	772 510 NA	135	35	91	70	42	57	1.9	37.5:1	22.92 49.16	\$13,500
SCHLEICHER ASK-23	1	838 507 NA	119	32	80	67	38	42	2.1	34	23 49	\$16,000
SCHEMPP-HIRTH Discus	1	1,157 503 NA	135	36	NA	NA	NA	42.2	116	NA	21.59 49.21	\$16,544
GLASER DIRKS DG-300 Standard	1	1,157 540 480	146	35	98	78	41	59	1.8	42:1	22.42 49.16	\$16,900
<i>Features an HQ airfoil with laminar boundary flow control on wings and an adjustable CG.</i>												
SCHLEICHER ASW-19B	1	1,000 550 240	133	35	92	67	38	58	2	38.5:1	22 49.16	\$17,000
<i>Flight instrumentation extra.</i>												
SCHEMPP-HIRTH Ventus	1	1,102 485 331	135	38	97	81	43	64	2.1	44:1	21.42 49.16	\$17,900
<i>Carbon fiber wing construction.</i>												
GLASFLÜGEL- BRAUCHLE 304B	1	995 519 254	135	32	NA	NA	42	62.6	112	43:1	21.2 49.2	\$18,800
<i>15-meter racer. All controls automatically hook up. Price includes front-hinged canopy, rotating trailing edge dive brakes/spoilers and flaps.</i>												

*Gross Weight, sea level; FP—Fixed Pitch; CS—Constant Speed; 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 (ft)/ Span (ft)	Base Price
GLASER-DIRKS DG-202	1	990 528 300	146	33	98	78	42	59	1.8	42:1	22.92 49.92	\$18,900
<i>Features a large single piece canopy, "Kestrel type" trim and a parallelogram control stick.</i>												
SCHLEICHER ASW-20C	1	1,000 540 260	143	34	95	67	37	59	1.9	43:1	22 49.16	\$19,500
<i>Flight instrumentation extra.</i>												
SCHLEICHER ASW-20B	1	1,165 570 360	143	34	95	67	37	59	1.9	43:1	22 49.16	\$20,000
<i>No instruments.</i>												
GLASER DIRKS DG-202/17	1	990 554 315	146	32	98	78	42	59	1.75	45:1	22.92 55.83	\$21,000
<i>Aircraft has insertable wing tips and can be flown either in the 15 M or 17 M configuration.</i>												
SCHEIBE SF-H34	2	1,100 660 NA	139	36	89	69	42	53	2.2	35:1	24.5 51.66	\$21,700
<i>U.S. type certified. All-fiberglass.</i>												
SCHLEICHER ASK-21	2	1,300 750 NA	125	40	76	65	41	48	2	34:1	27 55.66	\$23,500
<i>Flight instrumentation extra.</i>												
SCHEMPP-HIRTH Janus C	2	1,543 783 NA	135	38	NA	NA	49	59	2.3	44:1	28.25 65.58	\$26,500
<i>Carbon fiber wing construction.</i>												
GROB G103 Twin II and Acro	2	1,279 810 NA	135	32	92	65	42	57	2.1	36:1	26.75 57.58	\$27,500
<i>Price includes import and delivery charges to Bluffton, Ohio. Standard equipment includes total energy system, nose and CG towhooks, canopy cover, trim weights and adjustable rudder pedals. Aerobatic model available.</i>												
SCHEMPP-HIRTH Nimbus 3/24.5	1	1,654 794 684	146	40	97	81	45	68	1.5	60:1	25.16 80	\$45,000
<i>Carbon fiber wing construction.</i>												
SCHLEICHER ASW-22B	1	1,650 850 450	143	33	94	84	45	60	1.5	60:1	26 82	\$46,000
<i>Carbon, Kevlar construction. Flight instrumentation extra.</i>												

MOTORGLIDER

Manufacturer and Model	Seats	Powerplant/ Fuel Capacity (lb/gal)	Gross Wgt/ Empty Wgt/ Ballast Wgt (lb)	Max Speed Stall Speed (kt)	Takeoff Distance/ *Rate of Climb (ft)	Minimum Sink (kt)	Best Lift Over Drag (kt)	Lowest Sink Rate (fps)	Glide Ratio	Length (ft)/ Span (ft)	Base Price
SIREN PIK-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	\$40,000
<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>											
SCHEIBE SF25C Falke 87	2	Limbach SL 1700EA 1, 65 hp 78/13	1,430 880 NA	132 37	650 450	40.5	46	3.3	24:1	24.5 50.2	\$40,500

*Gross Weight, sea level; NA—Not Available

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
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>											
SCHEIBE SF25C Falke 2000	2	Limbach L2000 80 hp 72/12	1,430 880 NA	132 35	330 624	40.5	47	3.3	24:1	24.9 50.2	\$41,800
VALENTIN Taifun 17E	2	Limbach L 2000, 80 hp 145/23	1,808 1,350 NA	132 36	882 492	51	59	3.8	28.6:1	25.6 55.8	\$56,600
<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>											
VALENTIN Taifun 17EA	2	Limbach L2400 90 hp 145/23	1,874 1,364 NA	132 36	715 571	51	60	3.8	28.6:1	25.6 55.8	\$60,200
<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>									
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>									
HEAD BALLOONS AX5-42	1-2	45	59	42,000	590	1,000	AX-5	174	\$8,550
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede-trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 10 standard colors on envelope and choice of parachute top or para/pop-top combination.</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>									
BALLOON WORKS DF56	1-3	50	54	56,000	474	1,050	AX-6	126 (?)	\$9,595
<i>Price includes triangular carriage, standard instruments, T3-017 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
CAMERON V-31	1	40	44	31,450	195	620	AX-4	90	\$9,720
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</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>									
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>									

*Gross Weight, sea level; NA—Not Available

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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
GALAXY BALLOONS AX-7 Galaxy 7	1-2	56	61	77,500	595	1,680	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>									
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>									
BALLOON WORKS DF65	1-3	52	56	65,000	495	1,050	AX-7	126	\$10,195
<i>Price includes triangular carriage, standard instruments, T3-017 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
BALLOON WORKS DF650	1-3	52	56	65,000	495	1,050	AX-7	126	\$10,695
<i>Price includes triangular carriage, standard instruments, T3-017 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	126	\$10,695
<i>Price includes triangular carriage, colored wicker basket, standard instruments, T3-017 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>									
HEAD BALLOONS AX6-58	1-2	50	65	58,000	620	1,250	AX-6	174	\$10,860
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede-trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 10 standard colors on envelope and choice of parachute top or para/pop-top combination.</i>									
AEROSTAR Orbiter Ultralight Gas Balloon	1	28.8	27	10,600	153	698	AA-2	NA	\$10,995
<i>Price includes balloon envelope, basket, ballast bags, valve, valve box, storage bag. Optional artwork on envelope.</i>									
HEAD BALLOONS AX7-67	1-3	50	70	67,500	630	1,250	AX-7	174	\$11,190
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede-trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 10 standard colors on envelope and choice of parachute top or para/pop-top combination.</i>									
BALLOON WORKS FF65	1-3	52	56	65,000	495	1,050	AX-7	126	\$11,245
<i>Price includes triangular carriage, standard instruments, suede trim, T3-017 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 O-31	1	40	44	31,450	198	620	AX-4	90	\$11,435
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
AEROSTAR RX-7 Rally II	1-4	55	63	77,500	595	1,480	AX-7	85-214	\$11,495
<i>Price includes any one of the current six Rally designs in stock with Spring Top deflation system, Classic basket with electronic instruments and HPII single burner with afterburner.</i>									
CAMERON V-56	4	50	55	56,000	455	1,120	AX-6	90	\$11,620
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
CAMERON Sport-77	4	57	79	77,500	452	1,540	AX-7	87	\$11,900
<i>Includes MK IV burner, Nomex base panels, patented Cameron scoop, padded uprights and top bolster on basket, all-wicker basket and Ball 655 digital instruments.</i>									
CAMERON V-77	5	55	62	77,500	515	1,540	AX-7	90	\$11,900
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</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
HEAD BALLOONS AX7-77	1-4	55	70	77,000	650	1,400	AX-7	174	\$11,950
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede-trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 10 standard colors on envelope and choice of parachute top or para/pop-top combination.</i>									
CAMERON N-31	1	40	44	31,450	215	620	AX-4	90	\$11,970
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
CAMERON V-65	4	53	56	65,000	465	1,300	AX-7	90	\$12,100
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
BALLOON WORKS DF77	1-3	55	59	77,000	504	1,660	AX-7	126-168	\$12,295
<i>Price includes triangular carriage, standard instruments, T3-017 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
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>									
CAMERON O-42	2	45	50	42,000	215	840	AX-5	90	\$12,500
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
HEAD BALLOONS AX8-88	2-4	55	75	88,000	665	1,500	AX-8	174	\$12,540
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede-trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 10 standard colors on envelope and choice of parachute top or para/pop-top combination.</i>									
AEROSTAR S-50A Classic	1-4	50	58	56,400	415	1,400	AX-6	85-214	\$12,600
<i>Price includes Free Flight system with choice of envelope design with Spring Top deflation system, Classic basket with electronic instruments and HP11 single burner with afterburner.</i>									
BALLOON WORKS DF770	1-3	55	59	77,000	504	1,660	AX-7	126-168	\$12,995
<i>Price includes triangular carriage, standard instruments, T3-017 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
EAGLE BALLOONS C-7 Silver Eagle	1-4	56	68	78,133	376	1,280	AX-7	87-173	\$12,995
<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>									
GALAXY BALLOONS AX-8 Galaxy 8	1-2	59	60	92,000	NA	NA	AX-8	169	\$12,995
<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>									
AEROSTAR S-55A Classic	1-5	55	63	77,500	470	1,480	AX-7	85-214	\$13,275
<i>See comments for S50A Classic. Price also includes suede leather side rails and uprights, two 20-gallon stainless steel tanks and engraved owner's plaque.</i>									
BALLOON WORKS FF77	1-3	55	59	77,000	504	1,660	AX-7	126-168	\$13,375
<i>Price includes triangular carriage, standard instruments, T3-017 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
HEAD BALLOONS AX8-105	3-5	60	75	105,000	690	1,700	AX-8	174	\$13,380
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede-trimmed rattan basket, digital instruments, Nomex skirt and throat, choice of 10 standard colors on envelope and choice of parachute top or para/pop-top combination.</i>									
AEROSTAR S-50A Classic Custom	1-4	50	58	56,400	490	1,400	AX-6	107-214	\$13,520
<i>Price includes Free Flight system with choice of envelope design with Spring Top deflation system, Classic Custom basket with electronic instruments, HP11 single burner with afterburner and two 15-gallon stainless steel tanks.</i>									
CAMERON O-56	4	50	55	56,000	470	1,120	AX-6	90	\$13,750
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									

NA—Not Available

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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 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>									
ADAMS A60	5	60	72	105,000	740	1,500	AX-8	86-174	\$13,950
<i>Price includes complete leather-trimmed gondola, Nomex throat, choice of deflation system, two fuel tanks, all FAA-required flight instruments.</i>									
BALLOON WORKS DF90	1-4	59	66	90,000	557	1,660	AX-8	126-252	\$13,995
<i>Price includes triangular carriage, standard instruments, suede trim, T3-017 burner, two 10-gallon fuel cylinders, Fire 2, skirt, storage bag and colored wicker basket.</i>									
BALLOON WORKS FF770	1-3	55	59	77,000	504	1,660	AX-7	126-252	\$14,195
<i>Price includes triangular carriage, standard instruments, T3-017 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag, colored wicker basket and custom-design envelope.</i>									
CAMERON O-65	4	53	56	65,000	478	1,300	AX-7	90	\$14,280
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
CAMERON N-56	4	50	55	56,000	470	1,120	AX-6	90	\$14,420
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
AEROSTAR S-50A Classic Limited	1-4	50	58	56,400	490	1,400	AX-6	128-256	\$14,430
<i>Price includes Free Flight system with choice of envelope design with Spring Top deflation system, Classic Limited basket with electronic instruments, suede leather side rails and uprights, HP11 single burner with afterburner, two 20-gallon stainless steel tanks and engraved owner's plaque.</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>									
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	126-252	\$14,795
<i>Price includes triangular carriage, standard instruments, T3-017 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag, colored wicker basket and custom-design envelope.</i>									
CAMERON N-65	4	53	56	65,000	500	1,300	AX-7	90	\$14,850
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
CAMERON N-77	5	55	62	77,500	530	1,540	AX-7	90	\$14,850
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
BALLOON WORKS FF90	1-4	59	66	90,000	557	1,660	AX-8	126-252	\$14,975
<i>Price includes triangular carriage, standard instruments, T3-017 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag and colored wicker basket.</i>									
ADAMS A60S	6	60	77	120,000	774	2,000	AX-9	174	\$14,990
<i>Includes 4+ gondola, leather-trimmed, Nomex throat, dual burners, choice of deflation system, four fuel tanks and all FAA-required flight instruments.</i>									
EAGLE BALLOONS C-7 Golden Eagle	1-4	56	68	78,133	402	1,280	AX-7	87-173	\$14,995
<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, sensitive altimeter, VSI, DT-21A, bags for envelope, burner, basket and stanchions, drop line and pouch.</i>									

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
CAMERON O-77	5	55	62	77,500	525	1,540	AX-7	90	\$15,000
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</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>									
HEAD BALLOONS AX8-118	3-6	60	80	118,000	720	1,800	AX-9	174	\$15,182
<i>Price includes DBII redundant burner system, four 10-gallon fuel tanks, suede-trimmed stretch rattan basket, digital instruments, Nomex skirt and throat, choice of 10 standard colors on envelope and choice of parachute top or parapop top combination.</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>									
AEROSTAR S-55A Classic Custom	1-5	55	63	77,500	530	1,480	AX-7	107-214	\$15,240
<i>Price includes Free Flight system with choice of envelope design with Spring Top deflation system, Classic Custom basket with electronic instruments, suede leather side rails and uprights, HPII single burner with afterburner, two 20-gallon stainless steel tanks and engraved owner's plaque.</i>									
AEROSTAR S-60A Classic	1-5	60	69	105,400	500	1,800	AX-8	85-214	\$15,240
<i>See comments for S50A Classic.</i>									
CAMERON O-84	5	59	65	84,000	580	1,680	AX-8	90	\$15,500
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, single MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
BALLOON WORKS FF900	1-4	59	66	90,000	557	1,660	AX-8	126-252	\$15,845
<i>Price includes triangular carriage, standard instruments, T3-017 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag, colored wicker basket and custom design envelope.</i>									
AEROSTAR S55-A Classic Limited	1-5	55	63	77,500	610	1,480	AX-7	128-256	\$16,165
<i>See comments for S50A Classic Limited.</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>									
EAGLE BALLOONS C-7 Imperial Eagle	1-4	56	68	78,133	434	1,500	AX-7	87-173	\$16,495
<i>Price includes chevron or horizontal design, choice of 14 colors, fire-retardant wicker basket with full suede trim, scuff leather, sensitive altimeter, VSI, DT-21A, fully redundant burner, three fuel tanks, bags for envelope, basket, burner and stanchions, drop line and pouch, multicolor para valve.</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	252	\$17,145
<i>Price includes triangular carriage, standard instruments, T3-017 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>									
AEROSTAR S-60A Classic Custom	1-5	60	69	105,400	580	1,800	AX-8	107-214	\$17,595
<i>See comments for S55A Classic Custom.</i>									

1987 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
EAGLE AX-8 B1S	1-4	59	72	90,000	455	1,700	AX-8	87-173	\$17,650
<i>Price includes chevron or horizontal design, choice of 14 colors, fire-retardant wicker basket with full suede trim, 48 x 48-foot basket, 24-gore envelope, fully redundant burner, three fuel tanks, bags for envelope, basket, burner and stanchions, drop line and pouch, multicolor para valve.</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>									
BALLOON WORKS FF1050	1-6	62	65	105,000	584	2,020	AX-8	252	\$18,145
<i>Price includes triangular carriage, standard instruments, T3-017 burner, two 10-gallon fuel cylinders, suede trim, Fire 2, skirt, storage bag, colored wicker basket and custom-design envelope.</i>									
CAMERON O-105	6	61	70	105,000	620	2,100	AX-8	90	\$18,150
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, double MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
AEROSTAR S-60A Classic Limited	1-5	60	69	105,400	660	1,800	AX-8	128-256	\$18,360
<i>See comments for S50A Classic Limited.</i>									
CAMERON A-105	6	61	70	105,000	640	2,100	AX-8	90	\$18,600
<i>Price includes double MK IV burner, balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</i>									
CAMERON N-105	6	61	70	105,000	660	2,100	AX-8	90	\$18,700
<i>Price includes balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, double MK IV burner, carrying bag, fuel cylinders, basket, Ball 655 digital instruments.</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>									
AEROSTAR S-60A Classic Custom Stretch	1-5	60	69	105,400	605	1,800	AX-8	107-321	\$19,995
<i>Price includes Free Flight system with choice of envelope design with Spring Top deflation system, Classic Custom basket with electronic instruments, suede leather side rails and uprights, HPII double burner, two 20-gallon stainless steel tanks and engraved owner's plaque.</i>									
EAGLE BALLOONS DGB-108	1-6	62	77	108,418	487	1,900	AX-8	87-215	\$19,995
<i>Price includes chevron or horizontal design, choice of 14 colors, fire-retardant wicker basket with full suede trim, scuff leather, sensitive altimeter, VSI, DT-21A, dual redundant burners, four fuel tanks, Nomex skirt, envelope bag, stanchions, drop line and pouch.</i>									
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, sensitive altimeter, VSI, DT-21A, three redundant burners, five fuel tanks with FR tank covers, bag for envelope, basket, burner and stanchions, drop line and pouch, Nomex skirt.</i>									
CAMERON A-140	9	67	73	140,000	920	2,800	AX-9	90	\$20,200
<i>Price includes double MK IV burner, balloon envelope, Nomex base panels, deflation line, parachute or deflation panel, carrying bag, fuel cylinders, basket, Ball 655 digital instruments..</i>									
AEROSTAR S-60A Classic Limited Stretch	1-7	60	69	105,400	685	1,800	AX-8	128-256	\$20,725
<i>Price includes Free Flight system with choice of envelope design with Spring Top deflation system, Classic Limited basket with electronic instruments, suede leather side rails and uprights, HPII double burner, two 20-gallon stainless steel tanks and engraved owner's plaque.</i>									
AEROSTAR S66-A Classic Custom	1-8	66	76	140,000	739	2,000	AX-9	107-428	\$21,070
<i>See comments for S50A Classic Custom.</i>									
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>									

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 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>									
AEROSTAR S-66A Classic Limited	1-8	66	76	140,000	739	2,000	AX-9	107-428	\$21,940
<i>See comments for S50A Classic Limited.</i>									
AEROSTAR S66-A Classic Custom Stretch	1-8	66	76	140,000	764	2,000	AX-9	107-428	\$23,180
<i>Price includes Free Flight system with choice of envelope design with Spring Top deflation system, Classic Custom basket with electronic instruments and HP/II double burner.</i>									
AEROSTAR S-66A Classic Limited Stretch	1-8	66	76	140,000	764	2,000	AX-9	127-254	\$23,865
<i>See comments for S-60A Classic Limited Stretch.</i>									
AEROSTAR S-66A Classic IX	1-9	66	76	140,000	1,023	2,000	AX-9	214-428	\$26,845
<i>Price includes Free Flight system with choice of envelope design with Spring Top deflation system, IX/X basket with electronic instruments, HP/II single burner with afterburner and four 15-gallon stainless steel tanks.</i>									
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>									
CAMERON A-210	13	77	82	210,000	1,200	3,130	AX-10	300	\$29,000
<i>Price includes 48 x 70 10-passenger basket and double burner.</i>									
AEROSTAR Classic X	1-10	77	98	211,000	1,123	2,850	AX-10	214-428	\$31,510
<i>See comments for S66A Classic IX.</i>									
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>									
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>									
CAMERON D-50	1	82' long	48	50,000	780	1,000	BX-5	90	\$42,500
<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>									
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>									
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>									

NA—Not Available

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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-105	1-2	44.3	111.5	105,000	1,221	1,995	BX-NA	252	\$105,000

Pressurized hot-air airship. Max speed 25 kt.



Beech Starship

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		Range w/45-min rsv (nm)	Takeoff/ Landing Distance (over 50' obst)	*Rate of Climb (fpm)	Max. Optg. Altitude (ft)	Stall Speed (landing config., kt)	Target Base Price
					75% @ alt/pph/gph	65% @ alt/pph/gph						
DEVORE AVIATION V-100 Sunbird	2	Emdair CF-077A 60 hp/fp	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-1988. Price (in 1985 dollars) includes VFR day/night airplane with nav/com, VSI, turn coordinator and dual controls.</i>												
ARTIC INTERSTATE (Privateer)	4	Lyc. O-320-B2B, 240/ 40	2,250 1,148 862	107 @ 3,500/42/ 7 103 @ 3,500/39/ 6.5	600 @ 3,000 650 @ 3,000		500 500	1,040	19,000		33	\$49,313
<i>Base price will include dual controls, toe brakes, 82/44 McCauley prop, 50-degree flaps, 1-inch Maule tailwheel, 850 x 6 tires, cabin heat, windshield defroster, Lexan windshield, and 1,500-lb Cleveland wheels and brakes. Baggage area provides sleeping area for two. Certification expected 1988.</i>												
GROB G115	2	Lyc. O-235, 116 hp/FP	159/26	1,874 1,273 503	121 @ 5,000/43/7 125 @ 8,000/38/6		621 @ 5,000 870 @ 8,000	1,345 1,600	807	18,000	46	\$145,000
<i>Price includes basic VFR. Certification expected Spring 1987.</i>												
GROB G115	2	Lyc. O-320, 160 hp/CS	238/40	1,984 1,279 468		151	870	1,280	984		48	NA
<i>Certification expected 1988.</i>												

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

MULTI-ENGINE PISTON

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 75% @ alt/pph/gph 65% @ 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
SKYTRADER Scout	12	2 Thunder	1,440/	12,500	174	*1,514	600	2,100	28,000	45	\$1,600,000
		TE495-TC700, 700 hp/CS ea.	240 2,436/ 406	7,300 5,860	NA		460	580	12,500	45	

*Includes King Silver Crown avionics, pilot and copilot instrumentation. U.S. military uncertified deliveries mid-1987. FAA certification anticipated mid-1988. *Subject to confirmation of flight test program.*

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
MAULE MX-7-420	4	Allison	40/	2,500	200	NA	NA	4,000	NA	NA	\$200,000
		C-250-B-17	70	1,370 1,130				(est)			
<i>Certification expected June 1987.</i>											
MAULE M7-420	5	Allison	40	2,750	NA	NA	NA	NA	NA	NA	\$250,000
		C-250-B-17	70	1,880 870							(est)
<i>Amphibian: EDO 2500 floats. Certification expected June 1987.</i>											

OMAC Laser 300	6-10	1 P&W	2,010/	7,200	252 @ 25,000/261/39	2,097 @ 25,000	2,000	2,010	25,000	61	\$699,000
		PT6A-135A, 750 shp	300	4,600 2,600	200 @ 25,000/201/30	NA	2,300	NA	NA	NA	

Price is based on 1986 dollars. Base price is for basic cargo/freight aircraft. Executive version includes desk, cabin partitions, full deicing and air conditioning for \$975,000.

MIKE SMITH AERO Smith Prop-Jet	6	1 P&W PT6A-41, 850 shp	1,482/ 220	5,182 3,182	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
			—	518							

Price includes basic instruments and IFR equipment.

AVTEK AV-400A	6-9	2 P&W PT6A-135, 750 shp ea.	1,742/ 260	6,500 3,644	364 @ 22,000/NA 338 @ 41,000/NA	1,522 @ 37,000 1,922 @ 37,000	1,520 1,280	4,630 1,897	41,000 33,000	83 NA	\$1,750,000
			—	1,174							

Price includes standard IFR instrument package and standard interior with avionics. Certification expected Dec. 1988.

SKYTRADER ST-1700	20	2 P&W PT6A-45R, 850 shp ea.	2,880/ 480	13,400 6,000	215 @ SL/591/983 NA	1,100 @ 10,000	845 875	2,100 545	25,000 16,000	50 48	\$2,021,000
			—	3,120							

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. King Silver Crown commuter package includes three navcoms, dual HSI's, KFL 225 flight control system.

EMBRAER EMB-123	19	2 Turboprop 1,200 shp	2,160	16,975 10,802	340 NA	660 @ 35,000 700 @ 35,000	3,934 3,934	2,500 800	40,000	NA	\$3,200,000
			—	4,012	NA						

Fully equipped for airline service, toilet, galley, wardrobe, observer seat. Pressurized 8.2 psi. Certification expected 1990.

BEECH Starship	7-10	2 P&W PT67A, 1,200 hp ea.	3,819/ 570	14,000 8,824	352 @ 25,000/NA NA	2,190 @ 35,000	2,060 3,160	3,380 1,030	37,100 23,100	84 87	\$3,500,000
			—	1,467							

Priced with full glass panel; will be certified to 41,000 ft.

DE HAVILLAND DHC-8 Series 300 Dash 8	50-56	2 P&W PW 123, 2,380 shp ea.	5,678/ 835	41,000 24,700	284 @ 15,000/1,540/225 247 @ 25,000/990/145	960 @ 25,000 1,220 @ 25,000	†3,600 †3,650	1,800 400	25,000 14,900	77 75	\$9,500,000
			10,244/ 1,506	10,722							

Certification expected mid-1988. Fully equipped for airline service. †Per FAR Part 25.

FOKKER Fokker 50	58	2 P&W PW 124, 2,160 shp ea.	9,090/ 1,357	45,900 27,930	285 @ 20,000/1,322/197 230 @ 20,000/919/137	1,467 @ NA	5,770 3,475	NA	25,000 15,000	71 NA	\$9,500,000
			—	12,420							

First delivery scheduled for May 1987.

AEROSPATIALE/ AERITALIA ATR 72	66-74	2 P&W PW 124 2,160 shp ea.	11,025/ 1,680	47,400 26,895	286 @ NA/1,413/170 NA	720 @ NA	5,005 3,495	NA	25,000 NA	89	\$9,400,000
			—	16,535							

Certification expected November 1988. Optional higher weights and range will be available.

*Gross Weight, sea level; NA—Not Available

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Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity	Gross Wgt/Empty	Cruise Speed (kt)/Fuel Flow	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
			Standard Optional (lb/gal)	Wgt/Max Payload (w/full fuel, lb)	Max @ alt/ppg/gph Econ @ alt/pph/gph	Distance (over 50' obst)	Altitude/SE Svc Ceiling (ft)	VMc (kt)			
BRITISH AEROSPACE ATP	64	2 P&W PW124 2,400 shp ea.	11,200/ 1,679 —	49,500 29,970 8,330	264 @ 17,000/1,404/210 241 @ 24,000/1,080/161	985 @ NA	3,635 3,350	1,588 NA	25,000	NA	\$10,500,000
<i>Certification expected July 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	61 NA	NA
<i>In military production. FAA certification expected summer 1987. 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 1987. Available with fixed or retractable gear. Cargo volume: 279 cubic feet.</i>											

TURBOFAN

Manufacturer and Model	Seats	Powerplants	Fuel Capacity	Gross Wgt/Empty	Cruise Speed (kt)/Fuel Flow	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
			(lb/gal)	Max Payload (w/full fuel, lb)	@ alt/ppg/gph	Distance (over 50' obst)	Altitude/SE Svc Ceiling	VMc (kt)				
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	25,000 22,000	73 NA	\$425,000
<i>Balanced field length not applicable under FAR Part 23. Certification expected July 1987. Fully aerobatic to +7.0/-3.5 G.</i>												
CESSNA 550 Citation II	8-10	2 P&W JT15D-4 2,500 lbs. thrust ea.	5,009/ 742	13,500 7,388 809	405 @ 35,000/1,194/177	1,993 @ 41,000	2,990 2,270	3,370 906	3,650	43,000 23,000	82 77	\$2,345,000
FOKKER Fokker 100	119	2 R-R 183-03 Mk620-15 13,550 lbs. thrust ea.	23,080/ 3,445	95,000 52,625 24,875	404 @ 35,000/3,466/517	1,340 @ 35,000	6,500 4,850	2,400 NA	NA	35,000	99	\$19,260,000
<i>Balanced field length not applicable under FAR Part 23. Certification expected 1987.</i>												
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	37,000 NA	83 NA	\$21,000,000*
<i>Deliveries scheduled to begin late 1987. *Green.</i>												

ROTARY WING

Manufacturer and Model	Seats	Powerplant(s)	Fuel Capacity	Gross Wgt/Empty	Cruise Speed (kt)/Fuel Flow	Never Exceed Speed (Vne, kt)	Max Range nm @ alt	Hover OGE	Hover IGE	Main Rotor Diameter (ft)/# Blades	Target Base Price
			Standard Optional (lb/gal, no rsv)	Max Payload (w/full fuel, lb)	@ alt/pph/gph						
WESTLAND Westland 30 Series 300	19	2 GE CT7-2B 1,615 shp ea.	2,300/ 343 1,300/ 194	16,000 8,253 7,747	140 @ NA/713/106	150	280 @ NA	4,400	6,500	43.8 5	\$4,500,000
<i>Certification expected 1987. Price includes IFR package, dual controls, airline interior.</i>											
E. H. INDUSTRIES EH 101	31	3 GE CT7-6 1,725 shp ea.	7,201/ 1,105 1,850/ 276	31,500 18,407 13,093	150 @ 3,000/1,947/ 291	160	700 @ NA	3,500	8,400	61 5	\$8,750,000
<i>Certification expected 1990. Price includes IFR package, dual controls, airline interior.</i>											

MOTORGLIDER

Manufacturer and Model	Seats	Powerplant/ Fuel Capacity (lb/gal)	Gross Wgt/Empty	Max Speed/Stall Speed	Takeoff Distance (ft)/Rate of Climb	Minimum Sink	Best Lift Over Drag	Lowest Sink Rate	Glide Ratio	Length (ft)/Span (ft)	Target Base Price
			Ballast Wgt (lb)	(kt)	*Rate of Climb (fpm)	(kt)	(kt)	(fps)			
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
<i>Features a fully retractable engine, digital LCD instruments, carbon fiber wing construction with flaps and retractable landing gear.</i>											
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	\$49,000
<i>All-fiberglass. Available with folding wings and 1- or 2-wheel landing gear.</i>											

*Gross Weight, sea level; 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 (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
<i>Ultra-thin, all-carbon wing with 12% airfoil section.</i>												
GROB G103 Twin III	2	1,323 816	151	34	92	92	39.4	58.8	150	38:1	27 60	\$46,200*
<i>*82,500 DM. Price does not include instruments. Certification expected late 1987.</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)	Target Base Price
BALLOON WORKS AX-9 Firefly 140	2-3	69	68	140,000	NA	3,400+	AX-9	168	\$23,995
<i>Price includes 5.0 triangular carriage, double burners, Nomex skirt, two crown lines, T3-017 burner, standard instruments, two 10-gallon fuel cylinders, Fire 2, storage bag and colored wicker basket. Certification expected May 1987.</i>									
GALAXY STC envelope to fit Aerostar	1-3	56	61	77,500	NA	1,430 (est)	AX-7	169	\$7,995
<i>Includes choice of nylon or polyester envelope, fabric skirt and pack-up bag. Certification expected May 1987.</i>									
GALAXY AX-9 Galaxy 9	2-3	NA	NA	140,000	NA	3,400 (est)	AX-9	169	NA
<i>Includes hand-woven wicker basket finished in suede trim, integral net envelope, 20-million-BTU burner, full instrumentation, fabric skirt, envelope and pack-up bag. Certification expected summer 1987.</i>									

GENERAL AVIATION AIRCRAFT MANUFACTURERS ADDRESSES

Adams Balloon Loft, Inc., 27 DeKalb Peachtree Airport, Atlanta, Ga. 30341; 404/452-8066.

Aerospatiale Aircraft Corporation, Suite 1220, 1110 Vermont Ave., N.W., Washington, D.C. 20005; 202/331-8980.

Aerospatiale Helicopter Corporation, 2701 Forum Dr., Grand Prairie, Texas 75053-4005; 214/641-0000.

Aerostar International, Inc., P.O. Box 5057, Sioux Falls, S.D. 57117.

Agusta Aviation Corp., Norcom & Red Lion Rds., Philadelphia, Pa. 19154; 215/245-8860.

Air Tractor, Inc., P.O. Box 485, Olney, Texas 76374; 817/564-5616.

Arctic Aircraft Company, P.O. Box 6-141, Anchorage, Alaska 99502; 907/243-1580.

Avian Balloon Company, S. 3722 Ridgeview Dr., Spokane, Wash. 99206; 509/928-6847.

Avtek Corporation, 509 Calle Carga, Camarillo, Calif. 93010; 805/482-2700.

Ayres Corporation, P.O. Box 3090, Municipal Airport, Albany, Ga., 31708; 912/883-1440.

(The) Balloon Works, 810 Salisbury Rd., Statesville, N.C. 28677; 704/878-9501.

Beech Aircraft Corporation, Box 85, Wichita, Kan. 67201-0085; 316/681-7111.

Bellanca, Inc., P.O. Box 964, Alexandria, Minn. 56308; 612/762-1501.

Bell Helicopter Textron, P.O. Box 482, Ft. Worth, Texas 76101; 817/280-2011.

Boeing Commercial Airplane Company, P.O. Box 3707, Seattle, Wash. 98124; 206/237-8315.

British Aerospace, England, Scotland. U.S. Office: British Aerospace, Inc., P.O. Box 17414, Dulles Int'l Airport, Washington, D.C. 20041-0414; 703/435-9100.

Cameron Balloons, Ltd., England. U.S. Office: Cameron Balloons, U.S., 41 Enterprise Dr., Ann Arbor, Mich. 48103; 313/426-5525.

Canadair, Ltd., Canada. U.S. Offices: Canadair, 274 Riverside Avenue, Westport, Connecticut 06880; 203/226-1581.

CASA Aircraft USA, Inc., 1215 Jefferson Davis Hwy., Suite 404, Crystal City, Arlington, Va. 22202; 703/486-5370.

Cessna Aircraft Company, P.O. Box 1521, Wichita, Kan. 67201; 316/685-9111.

Christen Industries, Inc., Aircraft Manufacturing Division, P.O. Box 547, Afton, Wyo. 83110, 307/886-3151.

Dassault-Breguet Aviation, Avions Marcel, France. U.S. Office: Falcon Jet Corp., Teterboro Airport, Teterboro, N.J. 07608; 201/288-5300.

De Havilland Aircraft Company of Canada, Garratt Blvd., Downsview, Ontario, M3K 1Y5, Canada; 416/633-7310.

DeVore Aviation Corporation, 6104B Kircher Blvd., N.E. Albuquerque, N.M. 87109; 505/345-8713.

Dornier Aviation-North America, Inc., 1213 Jefferson Davis Hwy., #1001, Arlington, Va. 22202; 703/769-7228.

Eagle Balloons, Ltd., Hanover Municipal Airport, Ashland, Va. 23005; 804/798-1503.

E. H. Industries, Limited, Granville House, 132-135 Sloane Street, London, England SW1X 9BB; 01 730-7243.

Embraer, Brazil. U.S. Office: Embraer Aircraft Corp., 276 S.W. 34 St., Ft. Lauderdale, Fla. 33315; 305/524-5755.

Enstrom Helicopter Corporation, Twin County Airport, P.O. Box 277, Menominee, Mich. 49858; 906/863-9971.

Fairchild Aircraft Corporation, P.O. Box 32486, San Antonio, Texas 78284; 512/824-9421.

Fokker-B.V., The Netherlands. U.S. Office: Fokker Aircraft USA, Inc., 1199 N. Fairfax St., Suite 500, Alexandria, Va. 22314; 703/838-0100.

Galaxy Balloons, Inc., 820 Salisbury Rd., Statesville, N.C. 28677; 704/878-9147.

Gates Learjet Corporation, P.O. Box 11186, Tucson, Ariz. 85734-1186; 602/746-5100.

Glaser-Dirks, West Germany. U.S. Office: Glaser-Dirks Sailplanes, Inc., 5847 Sharpe Rd., Calistoga, Calif. 94515; 707/942-5727.

Grob, West Germany. U.S. Office: Burkhart-Grob of America, 1070 Navajo Dr., Bluffton Airport Complex, Bluffton, Ohio 45817; 419/358-9015.

Gulfstream Aerospace Corporation, Wiley Post Airport, P.O. Box 22500, Oklahoma City, Okla. 73123; 405/789-5000.

Head Balloons, Inc., 550 Echelon Road, Greenville, S.C. 29605; 803/277-6200.

GENERAL AVIATION AIRCRAFT MANUFACTURERS ADDRESSES *continued from page 81*

Hynes Aviation Industries, Inc., Box 697, Frederick, Okla. 73542; 405/335-2256.

Israel Aircraft Industries, Israel. U.S. Office: Atlantic Aviation Corp., Westwind Sales, Greater Wilmington Airport, P.O. Box 15000, Wilmington, Del. 19850; 302/322-7222.

Lake Aircraft, Laconia Airport, Hangar 1, Laconia, N.H. 03246; 603/524-5868.

Mael Aircraft Corporation, Box 138, Portage, Wisc. 53901; 608/742-5341.

Maule Aircraft Corporation, Lake Maule, Rt. 5, Box 319, Moultrie, Ga. 31768; 912/985-2045.

McDonnell Douglas Corporation, 3855 Lakewood Blvd., Long Beach, Calif. 90846; 213/593-9621.

McDonnell Douglas Helicopter Company, Centinela and Teale Sts., Culver City, Calif. 90230; 213/305-3401.

Messerschmitt-Bölkow-Blohm GmbH, West Germany. U.S. Office: MBB Helicopter Corp., 900 Airport Rd., P.O. Box 2349, West Chester, Pa. 19380; 215/436-9618.

Mike Smith Aero, Box 430, Stanton County Airport, Johnson City, Kan. 67855; 316/492-6840.

Mooney Aircraft Corporation, P.O. Box 72, Kerrville, Texas 78029-0072; 512/896-6000.

Morris Aviation, Ltd., Glassflügel-Brauchle, Scheibe and Valentin, P.O. Box 718, Statesboro Airport, Statesboro, Ga. 30458; 912/489-8161.

Mudry et Cie, Avions, France. U.S. Office: Mudry Aviation, Ltd., Dutchess City Airport,

Rt. 376, Wappingers Falls, N.Y. 12590; 914/462-5009.

NDN Aircraft, Ltd., England. U.S. Office: Jonas Aircraft and Arms Co., Inc., 225 Broadway, New York, N.Y. 10007; 212/619-0330.

OMAC, Inc., P.O. Box 3530, Albany, Ga. 31708; 912/436-2425.

Partenavia of America, 1235 Jefferson Davis Hwy., #500, Arlington, Va. 22202; 703/243-1700.

Pezetel, Poland. U.S. Office: Melex U.S.A., Inc., 1200 Front St., Suite 101, Raleigh, N.C. 27609; 919/828-7645.

Pilatus Britten-Norman, Ltd., England. U.S. Office: Jonas Aircraft and Arms Co., Inc., 225 Broadway, New York, N.Y. 10007; 212/619-0330.

Piper Aircraft Corporation, Box 1328, Vero Beach, Fla. 32961; 305/567-4361.

Raven Industries, Inc., 421 W. Eighteenth St., Box 1007, Sioux Falls, S.D. 57101; 605/336-2750.

Robinson Helicopter Company, 24747 Crenshaw Blvd., Torrance, Calif. 90505; 213/539-0508.

Rogerson Aircraft Corporation, 2201 Alton Ave., Irvine, Calif. 92714; 714/660-0666.

SAAB Aircraft of America, Inc., 200 Fairbrook Drive, Herndon, Va. 22070; 703/478-9720.

Schempp-Hirth, West Germany. U.S. Office: Graham Thomson, Ltd., P.O. Box 1175, Pacific Palisades, Calif. 90272; 213/459-5393.

Schleicher, West Germany. U.S. Office: Schleicher Sailplanes, Inc., P.O. Box 118, Port Matilda, Pa. 16870; 814/237-7996.

Schweizer Aircraft Corporation, P.O. Box 147, Elmira, N.Y. 14902; 607/739-3821.

Shorts Brothers, PLC, Northern Ireland. U.S. Office: Shorts Brothers (USA), Inc., 2011 Crystal Drive, Suite 713, Arlington, Va. 22202-3702; 703/769-5555.

Siai Marchetti, Italy. U.S. Office: Box 51 Ltd. Municipal Airport, Rt. 1 Box 102, Denton, Texas 76201; 817/383-1302.

Sikorsky Aircraft, North Main St., Stratford, Conn. 06601; 203/386-4000.

Siren, France. U.S. Office: PIK Pacific, 1231 2nd St., Manhattan Beach, Calif. 90266; 213/376-4590.

Skypower, Box 236, Tea, S.D. 57064; 605/368-2501.

Skytrader Aircraft Corporation, Richards-Gebaur Air Base, P.O. Box 345, Kansas City, Mo. 64141; 816/322-2811.

Taylorcraft Aviation Corporation, P.O. Box 947, 820 E. Bald Eagle St., Lock Haven, Pa. 17745; 717/748-6712.

Thunder and Colt, U.S., Box 320, Chatham, N.Y. 12037-0320; 518/392-3208.

Weatherly Aviation Company, 2304 San Felipe Rd., Hollister, Calif. 95023; 408/637-5534.

Westland, Inc., 7135 Jefferson Davis Hwy., Suite 805, Arlington, Va. 22202; 703/486-8000. □