

Bearhawk



The Bearhawk is a 4-place built design with generous proportions and superior performance. The design parameter were for a heavy hauling **BIG** airplane with a good cruise speed and economical operation. Short field performance is excellent with the large flaps.

The Bearhawk has an all metal wing with a fabric covered steel tube fuselage and tail feathers. A Cessna windshield and the fiberglass nose bowl are some airframe components that need not be built by the homebuilder. The builder time is estimated at 1500-2000 hrs. There are no complicated fittings or parts that the homebuilder would not be able to make. Access to an 8 ft. sheet metal brake, a welding kit, rivet gun, clocos, air compressor, tin snips and basic hand tools are all that are needed to build this aircraft. The Bearhawk is an original design by Robert Barrows of Fincastle, Virginia.

Specifications:

Top Speed (VNE) 175 mph

Wing Span 33 ft.

Cruise Speed 120-150 mph

Wing Area 180 ft.

Landing Speed 40 mph

Length 23 ft. 6 in.

Take Off Roll 250-600 ft.

Cabin Width 42 in.

Range (55 gal @ 60%) 800 miles

Cabin Length** 9 ft. 8 in.

Empty Weight* 1190 lbs.

Engine HP Range 150-260

Gross Weight 2500 lbs.

*Aircraft weights are dependent upon engine choice, electrical system, avionics, and starter. Your weights and performance figures may vary.

**Measured from the firewall to the end of baggage area.

Complete Kit Part Number : 01-00572 BEARHAWK STEEL TAIL KIT

Components: Bearhawk Steel Tail Kit

Part Number	Description	Qty
03-00300	4130 STEEL TUBE 1/4" X .0	22.00
03-00810	4130 STEEL TUBE 5/16" X .	1.00
03-01200	4130 STEEL TUBE 3/8" X .0	22.00
03-01400	4130 STEEL TUBE 3/8" X .0	1.00
03-02400	4130 STEEL TUBE 1/2" X .0	23.00
03-02500	4130 STEEL TUBE 1/2" X .0	2.00
03-03700	4130 STEEL TUBE 5/8" X .0	2.00
03-03800	4130 STEEL TUBE 5/8" X .0	1.00
03-05300	4130 STEEL TUBE 7/8" X .0	9.00
03-05400	4130 STEEL TUBE 7/8" X .0	22.00
03-06300	4130 STEEL TUBE 1" X .058	2.00
03-22530	4130 SHEET .032 18" X 36"	1.00
03-55500	4130 SHEET 9"X 9"X .090	1.00
03-23450	4130 STEEL SHEET 9 X 9 X	1.00
03-25370	4130 STEEL SHEET 9 X 9 X	1.00

Complete kit part number: 01-00573 BEARHAWK STEEL WING KIT

Components: Bearhawk Steel Wing Kit

03-25700	4130 STEEL SHEET 9 X 18 X	1.00
03-24400	4130 SHEET 18" X 18" X .0	1.00
03-23850	4130 STEEL SHEET 9 X 9 X	1.00
03-25100	4130 STEEL SHEET 9 X 18 X	1.00
03-25370	4130 STEEL SHEET 9 X 9 X	1.00
03-23600	4130 STEEL SHEET 18X18X.0	1.00
03-04600	4130 STEEL TUBE 3/4" X .0	3.00
03-04400	4130 STEEL TUBE 3/4" X .0	13.00
03-05500	4130 STEEL TUBE 7/8" X .0	1.00

Bearhawk Steel Wing Kit Continued:

03-02500	4130 STEEL TUBE 1/2" X .0	5.00
03-01800	4130 STEEL TUBE 7/16" X .	1.00
03-01300	4130 STEEL TUBE 3/8" X .0	2.00
03-04700	4130 STEEL TUBE 3/4" X .0	1.00
03-02100	4130 STEEL TUBE 7/16" X .	1.00
03-01610	4130 STEEL TUBE 3/8" X .0	1.00
03-03400	4130 STEEL TUBE 9/16" X .	1.00
03-00900	4130 STEEL TUBE 5/16" X .	1.00
03-00300	4130 STEEL TUBE 1/4" X .0	1.00
03-01400	4130 STEEL TUBE 3/8" X .0	1.00

Complete Bearhawk Aluminum Wing Kit Part Number 01-00574

Components:

03-42750	2024-T4 ALUM BAR 1/8" X 1	144.00
03-00099	6061T6 1/8 X 3/4 RECT BAR	112.00
03-28010	2024T3 ALUM SHEET .032 4'	1.50
03-28710	2024T3 ALUM SHEET .125" 4	0.25
03-30310	6061T6 ALUM SHEET .125" 4	0.25
03-28010	2024T3 ALUM SHEET .032 4'	0.50
03-27910	2024T3 ALUM SHEET .025 4'	0.75
03-27910	2024T3 ALUM SHEET .025 4'	4.00
03-28010	2024T3 ALUM SHEET .032 4'	0.75
03-31000	5052-H32 SHEET .050 48" X	1.00