

# AIRCRAFT KITS

## ROTORWAY EXEC 162 F



The Exec 162F provides style, speed, comfort, safety, reliability, proven performance and an award-winning design. The Exec 162F is produced by RotorWay International, the world's oldest and largest kit helicopter company. This piston-powered rotorcraft utilizes the most sophisticated technology

available with a FADEC (Fully Automated Digital Electronic Control) system controlling and monitoring engine functions of the RI 162F fuel-injected power plant. Requiring as little as 300 hours to assemble, this comprehensive kit comes complete with everything but the paint and avionics. Also available to owners are detailed construction and maintenance video series as well as a flight-transitional training program. Tours and demonstration flights are available by appointment to interested buyers by calling the factory.

**For more information contact Rotorway International:**

4140 W. Mercury Way • Chandler, AZ 85226  
Phone: (480) 961-1001 • Fax: (480) 961-1514  
email: rotorway@primenet.com

## SAFARI



Designed for the ruggedness and reliability crucial for flying in remote areas, the Safari is powered by a Lycoming 160 Hp aircraft engine, maintaining

the highly trustworthy flying abilities of this classic design. Formed from 4130 Chromoly aircraft steel tubing, pre-welded at the factory; featuring the maximum viewing characteristics of the certified Bell 47 bubble, this system is driven by gear and shaft, giving maximum performance. The main and tail rotor shafts are made from Titanium. Cruising speed is 80 mph with climb rate of 1,000 fpm & an operating ceiling of 10,000ft. Max. speed is 100mph.

**For more information contact Canadian Home Rotors:**

P.O. Box 370 • 4 Roy Street • Ear Falls, Ontario, POV ITO, Canada  
phone: (807) 222-2474  
e-mail: info@acehelicopter.com • www.acehelicopter.com

## RAF 2000



The performance specs of the RAF 2000, competitive price and one of the lowest operational costs (\$20-30 per hour) make it one of the most popular auto-gyros available today. The 2-place rotorcraft is available in kit form and comes in two versions, standard and GTX SE versions. The GTX SE includes a variety of performance enhancing options. Standard engine on both models is a 130 hp four cycle Subaru EJ22. Fuel Capacity for the RAF 2000 is 23 US gallons and fuel consumption is 6 gph at 80%. Engine, propeller and instrument packages

are included in RAF kits. The RAF 2000 has a dry weight of 760 lbs. Performance specs for single occupant: Min. speed: 10-12 mph; Max. speed: 100 mph; Cruise: 80 mph; Take Off Roll: 0-75 ft.; Landing Roll: 0-10 ft.; Rate of Climb: 1200 fpm.

**For further information contact Rotary AF Rotorcraft:**

Box 1236 1107-9th St. W., Kindersley, SK, Canada S0L 1S0  
Phone: (306) 463-6030 • Fax: (306) 463-6032  
raf2000@sk.sympatico.ca • www.raf2000.com

## AQUAJET-X



The new AQUAJET X, inspired by forthcoming warbirds F22 Raptor and X35 Joint Strike Fighter, provides the next level of flying excitement and realism between the AquaJet and a real airplane.

To accomplish this we added an electric leaf blower to provide vectored thrust via rudder pedals while creating the jet engine sound, and employed a more sophisticated suspension. Thus, the AquaJet X can climb at 30 deg., dive at 15 deg., bank, turn and spin up to three revolutions under full control of the pilot. A throttle actuates the lift cylinder - controlling takeoff, climb and descent so the stick can control pitch and landing flare.

**For more information visit our website at www.aircraftspruce.com**  
AquaJet X Plans..... P/N 01-00962.....  
AquaJet X Materials Kit..... P/N 01-00964.....

## HUMMINGBIRD 260L



In 1991 the helicopter kit build industry was revolutionized by the introduction of the Hummingbird 260L, the world's first FAA certified helicopter to be sold in kit form. By utilizing the design from a FAA certified helicopter we are able to implement safety, reliability, and

performance from years of proven flight time. The Hummingbird is a single engine, single three-bladed main rotor type helicopter, with a two blade tail rotor. The fuselage is made of aluminum and composites. The Hummingbird is powered by a FAA approved Lycoming aircraft engine that boasts some very impressive performance numbers.

Consider these quality Hummingbird features: Comfortable four-place cabin, approximate 375 mile range, 950 pound payload, smooth fully articulated rotor head, electric flight control trim system, all aluminum construction with composite components, no welding, rotor brake, wheels for taxiing with hydraulic brakes and shock absorbing struts, main rotor blades are quickly removable for maintenance, trailer transport or storage. It's as easy to assemble as it is to fly.

**For Further Information Contact: Vertical Aviation Technologies, Inc**  
1609 Hangar Road, Orlando-Sanford International Airport

Sanford, Florida 32773

Phone: 407-322-9488 Fax: 407-330-2647

www.Vertical-Aviation.com E-Mail: Sales@Vertical-Aviation.com

## VOLMER VJ-22 AMPHIBIAN



The Volmer VJ-22 "Sportsman" is a two-place, side by side, closed cabin, highwing monoplane, amphibious flying boat. The original Sportsman was completed December 1958. The rigid, corrosion proof hull is

made of 1/16 inch and 3/32 inch aircraft mahogany plywood with 1/4 inch plywood at the step for maximum strength and covered with fiberglass for added protection. Numerous testing from calm water to five foot swells in the open sea have proven the design to be both extremely airworthy and seaworthy. Wings are wood spar and ribs, fabric covered. It takes off from water at sea level in about 20 seconds. The VJ-22 is powered by a Continental C-85, starter and gen. It has a cruising speed 85 mph and stalls at 45 mph

**Volmer Club of America - Attn: Robert Albrecht**

536 Oak Ave., Bridge City, LA. 70094 - Ph: 504-436-6248

rjaflys@aol.com • www.volmeraircraft.com

VJ-22 Spruce Kit ..... P/N 02-06000 .....

## LIGHTNING



Engine	Lightning Jabiru 3300	Lightning Sport 3300 Jabiru 3300
HP	120	120
Maximum Speed	190 mph	150 mph
Cruise Speed	175 mph	138 mph
Vne	208 mph	
Stall (Full Flap)	45 mph	40 mph
Stall Clean	56 mph	51 mph
Glide Ratio	17:1	
Take Off Roll	315 ft.	275 ft.
Landing Roll (with brakes)	500 ft.	350 ft.
Climb Rate (at gross)	1200 ft./min.	1800 ft./min.
Turn Rate 45/45°	<1 second	
Maneuvering Speed	140 mph	
Endurance	4 hr	5 hr
Range w/ reserve	700 sm	700 sm

**For further information on Lightning Aircraft contact**

**LIGHTNING WEST, Gregg Hobbs**

18750 West Avra Valley Rd., Marana, AZ 85635

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www.lightningaircraftwest.com