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# 1998 RotorWay Exec 90 Conversion Project to Exec 162F

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## Wolfe Aviation

*Business Aircraft Acquisitions, Appraisals, Sales and Service*

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Wolfe Aviation believes the following information to be accurate but does not warrant nor guarantee the information accordingly; purchasers should rely upon their own inspection of the aircraft. There shall be no agreement between parties unless set forth in a written contract signed by buyer and seller.

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## Details:

- Registration: Formerly known as N43895 (deregistered by FAA 12/10/2010)
- Serial Number: 3405
- Airframe Time: 62 Hours
- Engine: RotorWay RW152 liquid-cooled 4-stroke engine, 150 HP, sn: 1830  
62 Hours since new
- Main Blades: 62 hours since new pn: E20-1000
- Tail Rotor: 62 hours since new
- Inspection: Out of inspection
- Records: No logbooks
- Damage: No known damage history
- Price: Best offer, as is, where is
- Location: Stockton Metropolitan Airport (SCK), Stockton, CA
- Background: Owner purchased N43895 in 2002 to convert from a RotorWay Exec 90 to a RotorWay Exec 162F. Part of the package includes a new in box tail boom and drive assembly, new in box main rotor blades and engine assy. along with several other components and boxes noted below. Owner became ill and was unable to proceed with the conversion project. The owner is selling the helicopter as is, where is.

## Avionics & Instrumentation:

- Com: Microair 360 VHF transceiver (included, not shown)
- Transponder: Microair T2000SFL transponder (included, not shown)
- Hour meter: RotorWay recording hour meter
- Directional gyro
- Engine RPM guage
- Rotor/Engine % RPM gauge
- Knots speed indicator
- MPH Speed indicator
- Altimeter
- Fuel guage
- Manifold pressure guage
- Oil temp and pressure guage
- Amps and volts gauge
- Water temp guage

## Additional Features:

- Several items and boxes comprised of the following:
- Box of three RotorWay construction manuals, one RotorWay maintenance manual, build binder with miscellaneous photos, sales records, Pro Drive conversion binder and several engineering drawings
- Box of RotorWay Exec 162F engine manual, maintenance manual, construction manual and 13 accompanying sealed VHS tapes
- Tube box containing engineering drawings
- RotorWay Talon tail boom assembly with drive pn: E09-8050, new in box
- RotorWay main rotor blades, new in box
- Canopy windscreens, new quantity 2 with original film protectant

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- Bruce's canopy cover with storage case
  - RotorWay engine assembly
  - RotorWay insulated exhaust assembly
  - New engine radiator
  - Crate containing VHS tapes, gear, pn: E34-4900 coolant overflow tank, gears, aircraft light, solenoid, drive gear, five supports, bearings and plugs
  - Box containing engine gear and transmission components
  - Box containing oil filter housing, two strobe light assemblies, O-360-A4M valve box, pneumatic component, large width pulley, drive gear, two blocks w/threaded shaft openings
  - Box containing magneto, two wire harness sets, ELT antenna, strobe lens cover, flash unit, gaskets and cables
  - Box containing brace pn: E22-9000, metal piece pn: E22-9010, hardware fastener kit, throttle cable assembly, red light bar, stick control bar, handle with switch, metal frames (2) and belt pulley
  - Box containing black knob control cable, miscellaneous reflectors and hardware
  - Box containing carburetor and oil filter assembly
  - Box containing drive belts
  - Large individual drive belts (2)
  - Large hose
  - Box containing exhaust insulation wrap, ignitor module, auto coil selectors (8), miscellaneous ignition components, replays, etc.
  - RotorWay exterior parts including pn: E32-7272, E32-7152, E09-7101, forward cockpit and avionics pedestal inserts, dzus fastener panels, fan, two fiberglass components and eight fairings
  - Structural metal frames including pn: E11-9010 and E11-9000
  - Box containing flywheel, drive gears, cover, self-locking collars (2)
  - Box containing SCAT tubing, billeted parts, handles, wiring, fasteners and blank data plate
  - Box containing altimeters (2), gasket, tubing, Brite strobe light, VSIs (2), amps, manifold pressure guage, climb guage and oil temp guage
  - Box of several coils
  - Box containing water fill and cooling components
  - Box containing bushings, bearings, fasteners, electrical crimp wiring
  - Box of grommets and fasteners
  - Box of tubing, hoses and seal material
  - Metal square blocks with thin pin material
  - Box containing padded seat coverings (4)
  - Tail boom stands (2)
  - Ground handling wheels

### **Exterior:**

- Overall dark brown
- Condition 5 (Professional Aircraft Appraisal Organization Exterior Rating Guide)

### **Interior:**

- Black fiberglass and textured plastic interior components
- Pilot and passenger black textured vinyl seats with shoulder harnesses and lap belts
- Condition 5 (National Aircraft Appraisers Association Interior Rating Guide)

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**Specifications:**

- Crew and Capacity: One pilot, one passenger
- Cruise Speed: 95 kts
- Max Speed: 115 kts
- Range: 180 nm
- Rate of Climb: 1,000 fpm
- Service Ceiling: 5,000'
- Width: 5' 5"
- Length: 22' 0"
- Height: 8' 0"
- Rotor Span: 25' 0"
- Gross Weight: 1,500 lbs
- Empty Weight: 975 lbs

**More Info:**

- The RotorWay Exec is a family of American two-bladed, skid-equipped, two-seat kit helicopters, manufactured by RotorWay International of Chandler, Arizona and supplied in kit form for amateur-construction.
- RotorWay Exec 90 was introduced in 1990, improvement of the original RotorWay Exec, Electronic ignition, eyebrow windows, elastomeric control head.
- The Exec 162F is the latest in the Exec series of helicopters manufactured by RotorWay International.
- In 1994, a fuel injection system with electronic ignition, and FADEC was added to the Exec 90, producing the Exec 162F.
- Unlike most U.S.-designed helicopters, the main rotor on the Exec 162F rotates clockwise, as seen from above.