

# **S-7S COURIER STANDARD AIRFRAME KIT**

## **AIRFRAME**

- 4130 Welded fuselage and tail frames
- Tubular aluminum wing structure
- Pitot static system
- Acrylic molded windshield
- Cabin skylight
- Aero-servo differential ailerons
- Ball bearing aircraft control pulleys
- Cable operated rudder and ailerons
- Push-pull tube operated elevator
- Double stainless steel tail braces
- Pre-drilled streamline aluminum struts
- Adjustable aft lift struts
- 4130 streamline jury struts
- Exit fairings for control rods and cables
- Molded fiberglass wing tips or optional carbon fiber
- 26 gallon fuel system; 13 gallons in each wing with sight gauges
- .75 gallon header tank
- Flush fuel caps
- 60" wide curved doors on each side with double vents
- Upholstered, adjustable seats, wedge seat option for front only
- 4-point lap and shoulder belts w/front seat inertia reel
- Dual controls: throttles, control sticks, rudder pedals, brakes
- Electric elevator trim, mounted to forward control stick with indicator on panel
- 2 position flaps
- Leaf spring aluminum landing gear
- Full swivel steerable 8" pneumatic tailwheel
- Park brake
- Easy access 11 cubic feet baggage compartment, with cargo net
- Control stick torque tube w/ easy aft stick removal
- Molded station 3 bulkhead closeout
- Aft rudder cable guard
- Side mounted battery service hatch
- AN hardware and fasteners, placards and decals
- Molded throttle guard
- 1-piece fiberglass boot cowl w/flush joggle seams for cowling or optional carbon fiber
- Pre-cut floor boards w/aluminum wear plate
- Pre-fabricated battery cables

## **QUICK BUILD OPTIONS**

Fuselage welded, internal corrosion protection added, powder

coated, covered, battery box and access door installed and fitted  
Baggage assembled, aft floor boards drilled  
Wings assembled and covered  
AVEO LED Strobes installed  
Fuel system installed, with fuel lines plumbed and ready to  
integrate into fuselage  
COM and ELT antenna mounts installed  
Flaps and Ailerons assembled and covered  
Tail frames powder coated, assembled and covered  
Door frames powder cated and covered.

#### PROP OPTIONS

2-blade Whirl Wind 70" ground adjustable composite  
3-blade Whirl Wind 75" adjustable composite  
3-blade Warp Drive 70" ground adjustable w/HP-L hub

#### BRAKE AND TIRE OPTION

The S-7S Courier comes standard with 6.00x6 hydraulic wheels and  
brakes

BUSH OPTION: 8.00X6 mains & bush tailwheel

#### FUSELAGE OPTIONS

Powder coated fuselage, tail frame, and door frames  
(included in quick build option)  
Internal corrosion protection  
(included in quick build option)

#### OTHER OPTIONS

Gascolator  
Winterization Kit  
Rear seat electric elevator trim  
Canopy cover  
Carbon fiber cowling  
Carbon fiber boot cowl  
Carbon fiber wing tips  
AVEO strobes  
AVEO landing lights

## PARTIAL KITS

**ENGINE INSTALL KIT      912 ULS install kit (less engine)**  
**2-piece fiberglass cowl w/ 1/4 turn fasteners & oil check**  
**door**  
**13" Spinner/backing plate**  
**Rotax "Ring" engine mount**

**Stainless steel exhaust system**  
**Cooling system, includes oil cooler and radiator**  
**Hardware (AN and MS)**  
**Pre-assembled oil lines with fire sleeves, fuel lines and fittings**  
**Carburetor heat system**  
**Muffler style cabin heat**  
**ACS ignition switch**  
**Pre-fabricated starter and ground cables**

**WING KIT\***

**Main structure, fuel tanks, close outs, ribs, jigs, lift struts, jury struts, ailerons, flaps, wing tips**

**FUSELAGE & TAIL KIT\***

**Fuselage, formers, main gear, wheels, brakes, rudder pedals, tail section, tail wheel, control stick assembly, baggage compartment, boot cowl, ELT mount plate, floor boards, wear plates, hardware, pre-fabricated battery cables**

**COVERING KIT\***

**Covering, fabric and tapes**

**FINISHING KIT\***

**Seats, seatbelts, station 3 closeout, placards, windshield, headset jack mounts, cabin fuel system**

**\*These kits are included in the Standard Airframe Kit**

**BUILD TIME: 500-700 HOURS**

**QUICK BUILD TIME: 250-350 HOURS**

**The S-7S Courier is a FAA approved 51% Kit in Standard or Quick Build form-No welding required.**

**Crating/packing costs are included in the pricing. Countries requiring treated wood are subject to additional crating fees.**

**All orders are shipped freight collect, unless prior arrangements have been made to pre-pay shipping. Customer pick-ups are welcome.**