



PARTS CATALOG

The economical KR system

Items 1 through 31 comprise the basic KR kit built to the specifications provided with the construction manual and represent the most economical way to build your KR. Options are available to the builders who wish to upgrade certain systems such as the hydraulic brake option; or choose alternative systems such as the fixed landing gear option. The ability to pick and choose allows the builder to custom tailor his airplane to his desires and budget.

Any component of each kit shown may be purchased individually if necessary or deleted to accommodate the parts within options packages selected.

A builder's hotline is available in order to provide any assistance required during construction and inform you of any new options as they are developed and tested. This service is available between the hours of 9:00 a.m. and 4:00 p.m., Monday through Thursday at (714) 898-3811.

Literature

In our continuing effort to provide new builders with as much information as possible, we now stock literature which we feel are important supplements to our construction manuals and a must in the home builder's library. Two examples are SPORTPLANE BUILDER and FIREWALL FORWARD. Both books, written by Tony Bingelis, offer important tips and information before and during the construction of your aircraft.

EAA

It is highly recommended that any builder of homebuilt aircraft associate himself with the **Experimental Aircraft Association** in order to benefit from the builder support network and supplementary information provided by them. For additional information contact: EAA, Wittman Airfield, Oshkosh, WI 54903-2591 (414) 426-4800.

KR Construction Manuals

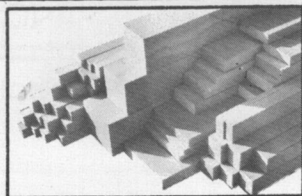
KR1: 64-page illustrated construction manual with full size templates and breakdown drawing.

KR2: 120-page construction manual in a 3-ring binder with blueprints, templates, breakdown drawing and additional information.

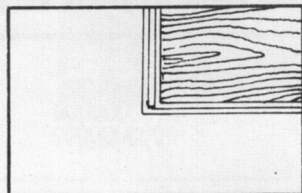


1**SPRUCE KIT**

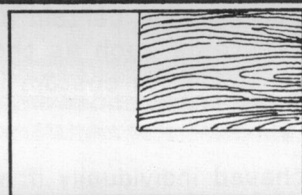
All aircraft quality spruce rip-cut to dimension for a complete KR structure.

**2****PLYWOOD**

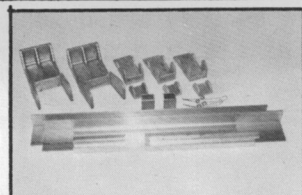
8 sheets 4' x 4' x 2.5 MM 5 ply birch aircraft plywood [optional 3 ply, 3/32" mahogany].

**3****PLYWOOD**

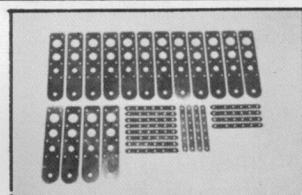
1 sheet 4' x 4' x 1/4" 5 ply birch plywood for firewall.

**4****ALUMINUM KIT**

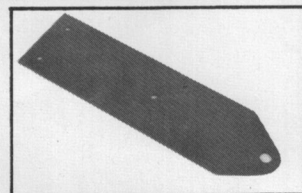
Extrusions and raw material to construct fittings, brackets, landing gear, etc.

**5****WING ATTACH FITTINGS**

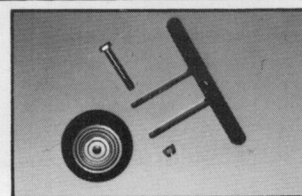
Prefabricated wing spar attach fittings (32 pcs.) all #4130 steel with baked cadmium plating.

**6****TAIL SPRING**

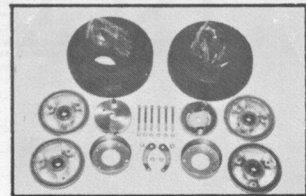
#4130 spring steel for tail wheel assembly.

**7****TAIL WHEEL**

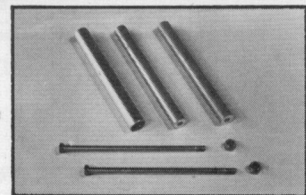
3 1/2" tail wheel with welded steel fork and axle bolt.

**8****WHEELS AND BRAKES**

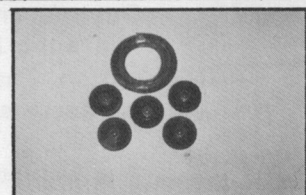
5" aluminum wheels with ball bearings, brake drums and assemblies with bonded linings, tires and tubes.

**9****AXLE KIT**

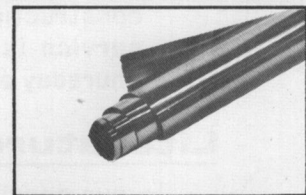
5" aluminum axles with bolts, nuts and bushing stock.

**10****CABLE & PULLEY KIT**

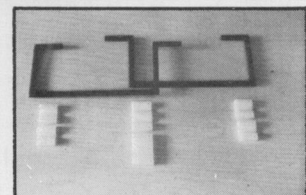
65' of aircraft cable and 5 ea. 2 1/2" pulleys.

**11****FIREWALL**

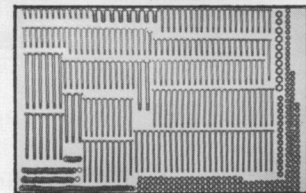
Stainless steel and flameproof firewall material.

**12****RUDDER PEDALS**

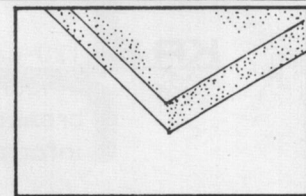
Welded 5/8" rudder pedals with nylon mounting blocks for stock application.

**13****BOLT KIT**

162 A/N bolts for wing attach and landing gear assembly and (8) 3/8" wing disconnect bolts.

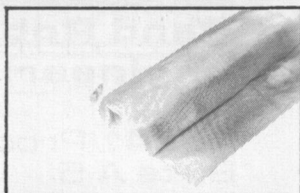
**14****FOAM KIT**

12 ea. 2' x 8' x 1" and 4 ea. 2' x 8' x 2" urethane foam (also available in half kits).

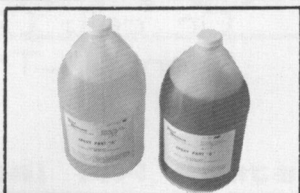


15**FIBERGLASS**

30 yards of 50" wide fiberglass cloth (½ kits also).

**16****EPOXY**

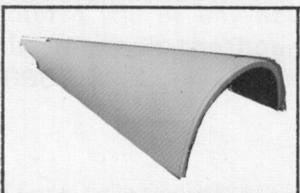
Rand Robinson equal part mix structural epoxy sold in 2 gallon lots (8 gallons required for plans-built KR2).

**17****4 MINUTE EPOXY**

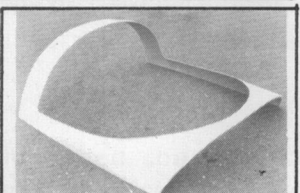
One pint bottles of non-structural epoxy for foam bonding.

**18****TURTLEDECK**

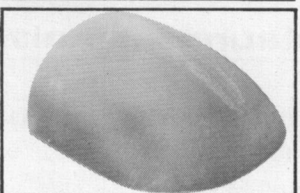
Premolded fiberglass rear turtledeck for the KR2 with smooth gel-coat finish.

**19****CANOPY FRAME**

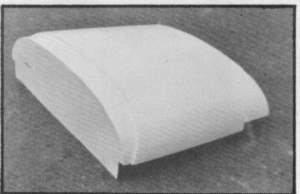
Premolded fiberglass canopy frame for the KR2.

**20****CANOPY**

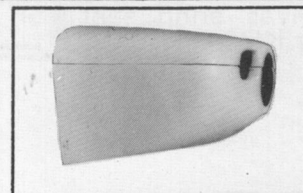
Plexiglass canopy available in clear, solar grey or solar green specify KR1 or KR2.

**21****FORWARD DECK**

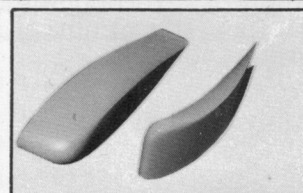
Premolded fiberglass forward deck including instrument panel for the KR2.

**22****COWLING**

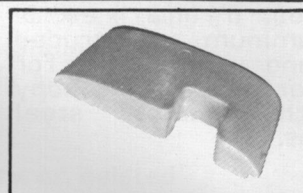
Premolded engine cowl with full size firewall template specify for VW or Revmaster engine.

**23****WING TIPS**

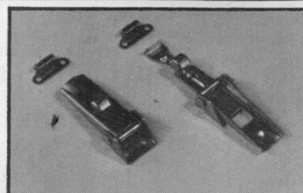
Premolded fiberglass wing tips for the KR2.

**24****FUEL TANK**

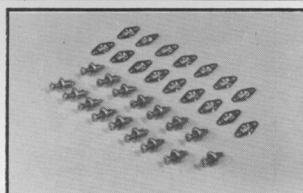
Premolded fiberglass 12 gal. fuel tank for the KR2 and fuel cap with insert.

**25****CANOPY LATCHES**

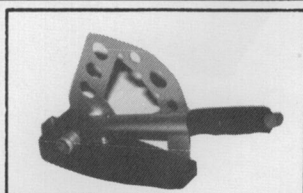
Push button canopy latches with secondary locks.

**26****COWL FASTENERS**

16 camlock fasteners and nut plates.

**27****FLAP HANDLE**

Complete flap handle assembly.

**28****FEATHERFILL**

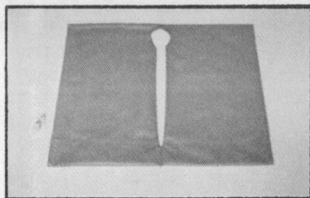
Filler for finish preparation work (in quarts).



29

SEAT

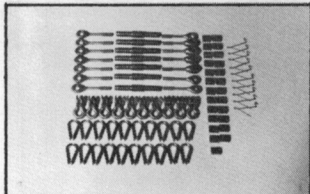
Nylon reinforced canvas sling seat for the KR2.



30

TURNBUCKLE KIT

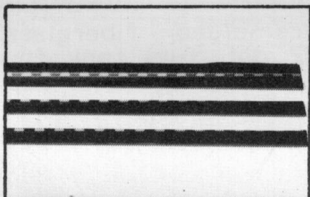
Complete turnbuckle kit for the control system cables.



31

HINGES

2 ea. 6' and 1 ea. 3' aluminum extruded piano hinges for ailerons and canopy with stainless steel pins.



OPTIONAL

UPHOLSTERY

29 a

Custom ribbed vinyl upholstery, includes two side panels, two seat bottoms, one full length seat back, all snaps and installation hardware. Available in tan, blue, burgundy and grey.



For additional information contact:

**Rand Robinson
Engineering Inc.**

15641 Product Lane
Suite A-5
Huntington Beach
California 92649

Or call: (714) 898-3811
Monday - Thursday, 9am - 4pm

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