



LIGHTLY BLOCK SAND CORES TO REMOVE FUZZ AND THIN TE TO ZERO.

REMOVE TUBE CUTOUT FOAM.

TO SKIN CORES MAKE PRESS-BOARD FROM 3/4" PLY CUT OVERSIZE. ENSURE IT IS FLAT.

LOCATE SLOTT, FLAT TABLE.

MIX & APPLY RESIN TO WINGSKINS

SET UP BLANK-SKIN-CORE-SKIN-BLANK ON SANDWICH DEBABLE EXCESS RESIN ALONG TE OF CORE JUST PRIOR TO REPLACING LAST SKIN OF EACH PANEL.

PLACE SANDWICH ON TABLE WITH PRESS BOARD ON TOP. ADD 200 POUNDS LOAD ON TOP. EVENLY DISTRIBUTED. CURE 24 HRS.

TRIM EDGES AND ROOT RIB. SAND TO AIRFOIL CONTOURS SHOWN.

- 1 BELLCRANK FLATS - MOLDED IN BODY
 - 2 BELLCRANKS - 2 SUPPLIED USE SET SCREW COLLAR TO HOLD IN POSITION AGAINST FLATS.
 - 3 SET SCREW COLLARS - 1/8" BORE DU-BRO REPLACE SET SCREW WITH 4-40 X 1/4" ALLEN CAP SCREWS. RT. SIDE COLLARS OMITTED FOR CLARITY.
 - 4 AXLE - 1/8" PIANO WIRE - FLUSH WITH OUTSIDE OF FUSE.
 - 5 WING BODY FOUNDATION - 1/16" BRASS TUBE - ROUGHEN WITH 60 GRIT AND EPOXY IN PLACE WITH PUTTY OF 5-MIN. EPOXY + TALC. ENSURE GEN-BALLS FILLETS AS SHOWN. ALIGN TUBE IN FUSE AND TACK GLUE WITH CYA PRIOR TO FINAL GLUING.
 - 6 WING DRIVE PIN. HOLD WINGS IN PLACE WITH SET SCREW COLLARS. EXTENDED LENGTH ALLEN WRENCH W/HANDLE IS VERY CONVENIENT FOR ASSEMBLY.
 - 7 SERVO MOUNTS - 1/4 X 3/16 SPRUCE REMOVE GRINDERS FROM SERVO FOR MOUNTING. HARD MOUNT WITH #6 SELF-TAPPING PAN HEAD SCREWS.
 - 8 PUSHRODS (2) - MAKE FROM 5/32" BRASS TUBE & THE THREADED COUPLERS SUPPLIED WITH BALL LINKS.
 - 9 BELLCRANK BALL LINKS - 2-5/16 THRD. SCREW INTO CRANK HEAD & LOCK W/ CYA.
 - 10 SERVO DISC BALL LINKS - 2-5/16 THRD. USE NUT ON BACK SIDE & LOCK W/ CYA. PICK LOCATION OF BALL LINK TO GIVE WING THROUS SHOWN.
- IF SERVO DISC CAN BE FLEXED BY THE PUSHROD WHILE MANUALLY TORQUING A WING PANEL, IT MUST BE REINFORCED. CYA A DISC OF SAME SIZE AND SHAPE MADE FROM 1/16" EPOXY CIRCUIT BOARD TO YOUR SERVO DISC. BOLT BALL LINK THRU BOTH.

IMPORTANT NOTES

ENSURE WING DRIVE PIN IS FREE EASY FIT IN ITS RESPECTIVE BELLCRANK SLOT BUT WITHOUT SLOP. NO BINDING CAN BE TOLERATED.

ALSO, ENSURE THAT THE FUSELAGE SLOTS FOR THE WING DRIVE PIN ARE LARGE ENOUGH SO THAT THE PINS DON'T TOUCH THE SLOT EDGES UNDER ANY LOAD CONDITION.

Vmax	SPAN: 2 METERS - 78 3/4 INS.	WEIGHT [APPROX] - 30 OZS [BAL]	ROOT/TIP CHORDS: 5.7 IN / 3.5 IN.	LENGTH: 44 1/4 INS.	EMPAENNAGE: FIXED, VEE-STYLE	RADIO REQMS: 2 CHANNEL	RESTRICTIONS	VS sailplanes 2317 N. 63rd SEATTLE WA 98103 206-525-5176
SCALE: FULL	AREA: 360 IN ² or 2.5 FT ²	WEIGHT - 35 OZS [PLY]	WASHOUT: 1.5°	MAX WIDTH / HT: 2 1/4 / 2.4 INS	VEE ANGLE: 100°	ELECTRONIC ELEVON MAX OR OWN MECH.	PLY E 374 WING: CAUTION @ MAX-3 PULLOUTS	
3110187 9/84	ASPECT RATIO: 17	LOADING: 12 [BAL] & 14 [PLY] [E374]	WING MOUNT PIVOT: 5/16" DIA ROD	RADIO CAPACITY: STANDARD	MOUNTING: 1/16" PIANO WIRE PLUG-IN	2-50 0.8-IN TORQUE [MIN.] SERVOS	BALSA E 374: MED. HI START, WINCH ENDS [PREF]	
	WING SECTIONS: E 374 [STANDARD]	LOADING: 10 [THERMAL WING OPTION]	SUGGEST SUBSTITUTE CARBON ROD FROM AEROSPACE COMPOSITE PRODUCTS	500 mAh PACK			THERMAL WING: DO NOT EXCEED 60MPH	
	WING OPTION: S 301 THERMAL WING							