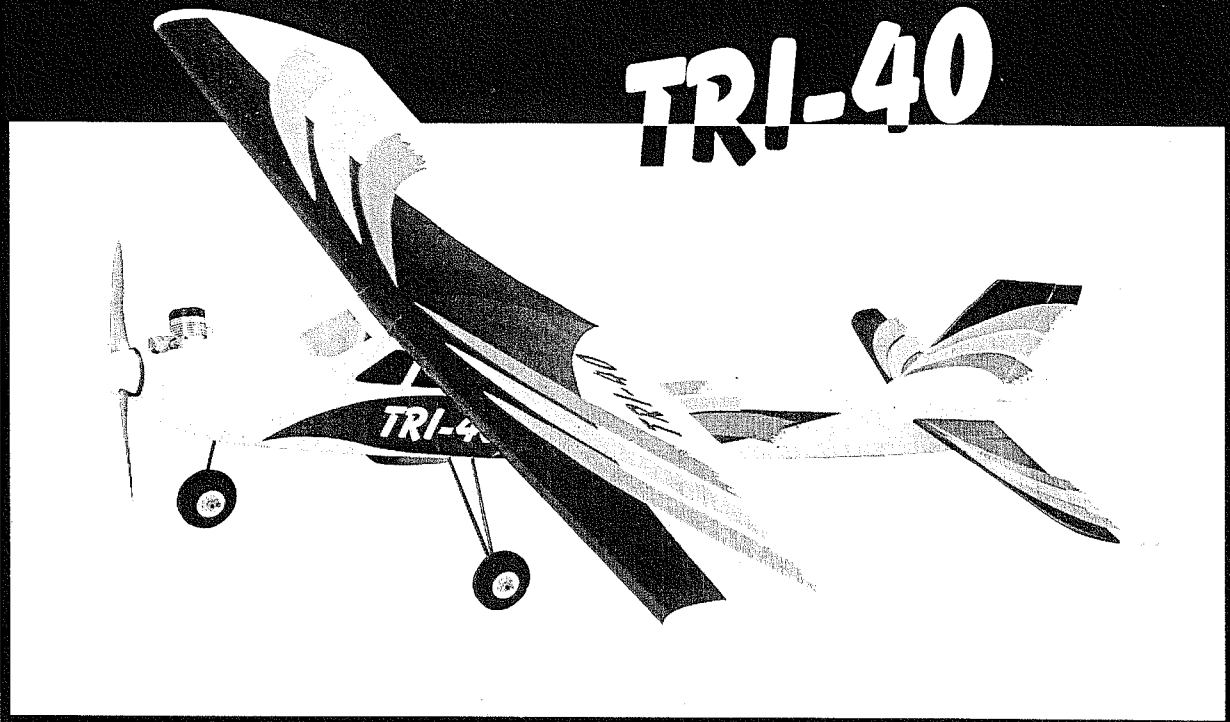


Almost Ready to Fly (ARF)

TRI-40

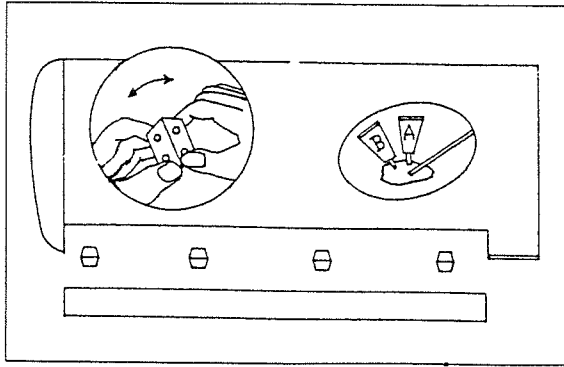


ASSEMBLY INSTRUCTION

SPECIFICATIONS

WING SPAN	.....	62.20 INCHES	.....	1580 mm
WING AREA	.....	699.05 SQ.INCHES	.....	45.1 dm ²
WEIGHT	.....	79.37~86.42 .OZ	.....	2250-2450 g
LENGTH	.....	44.49 INCHES	.....	1130 mm
ENGINE SIZE		.40 or. 46		
RADIO NEEDS		4 CHANNEL		

NO.8602

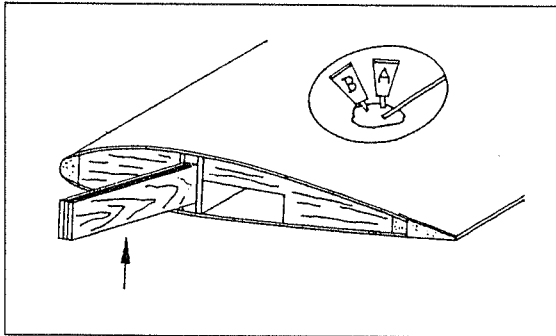


STEP 1.

INSTALLATION OF AILERONS

A) REMOVE THE HINGES. BEND THEM AND MAKE THEM OPERATING FREELY.

B) APPLY EPOXY TO THE HINGES AND GLUE THEM WITH AILERONS & MAIN WING. ONCE THE EPOXY HAS CURED, BE SURE THAT THE AILERON OPERATES FREELY.



STEP 2.

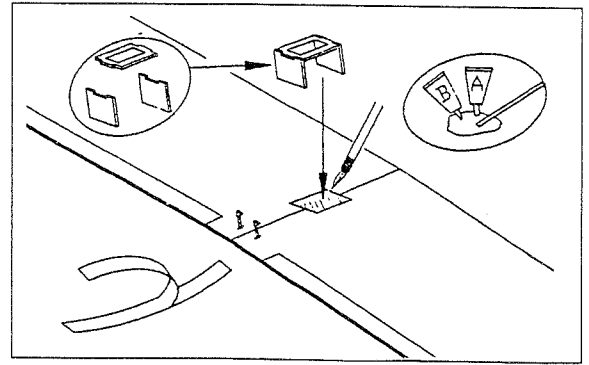
WING JOINER & MAIN WING ASSEMBLY

A) GLUE THREE PCS OF POLYWOOD WING JOINER TO MAKE A WING JOINER SET.

B) INSERT THE WING JOINER INTO MAIN WING AND JOIN BOTH WING HALVES TOGETHER W/EPOXY ENSURING THAT EPOXY SQUEEZES OUT ALL ALONG THE SEAM.

C) WIPE OFF THE EXCESS EPOXY THAT SQUEEZES OUT OF WING CENTER JOINT.

D) AFTER THE EPOXY CURES, APPLY P.V.C. FILM STRIP TO COVER THE SEAM ALONG THE WING JOINT SECTION.



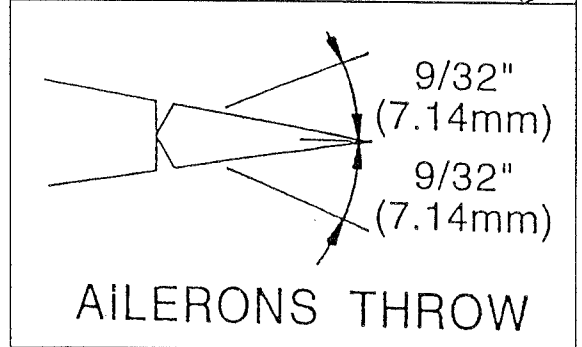
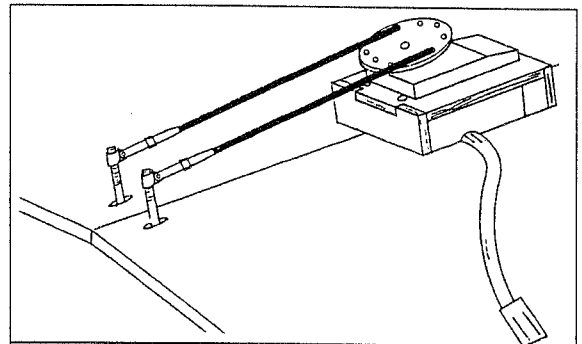
STEP 3.

AILERON SERVO TRAY ASSEMBLY AND INSTALLATION

A) TAKE OFF DIE-CUT SERVO TRAY.

B) FIT THE SERVO TRAY INTO THE COMPARTMENT ON THE MAIN WING. ADJUST AS NECESSARY.

C) EPOXY THE SERVO TRAY INTO THE PREPARED COMPARTMENT.

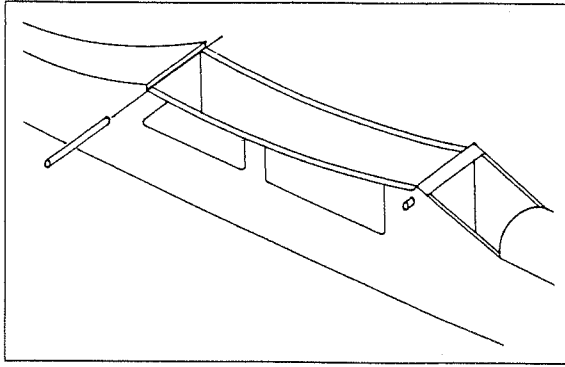


STEP 4.

INSTALLATION OF SERVO

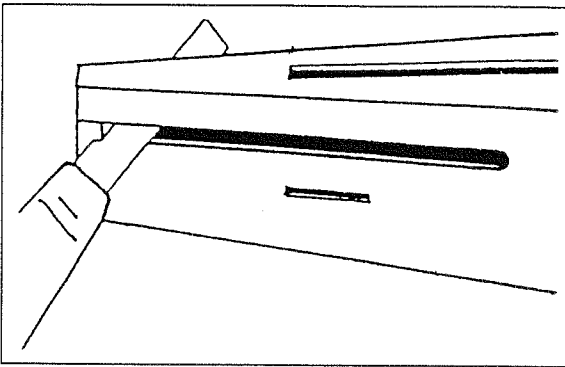
A) INSTALL SERVO IN THE TRAY AND FIX IT BY TAPPING SCREWS.

B) INSTALL THE THREAD PUSHROD IN THE SERVO (REGARDING THE DIRECTION ADJUSTMENT, PLS SEE DRAWING 4-1, 4-2)



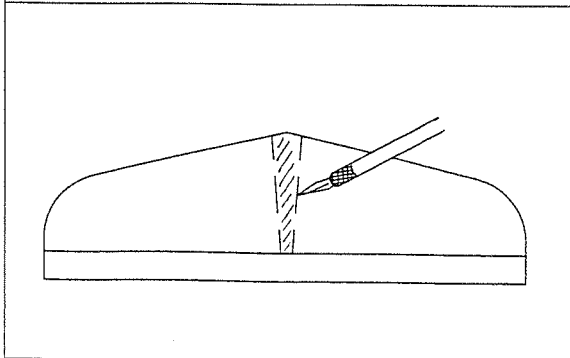
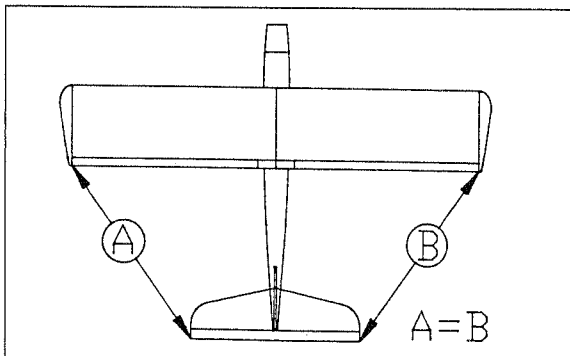
STEP 5.

INSERT THE WOOD DOWEL INTO THE RESERVED HOLE ON THE FUSELAGE AND GLUE IT.



STEP 6.

CUT OFF THE P.V.C. FILM COVERING ON THE SLOTS OF TAIL WING FOR INSERTING THE VERTICAL STABILIZER.



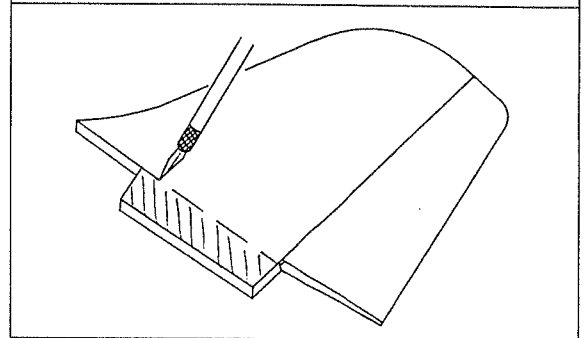
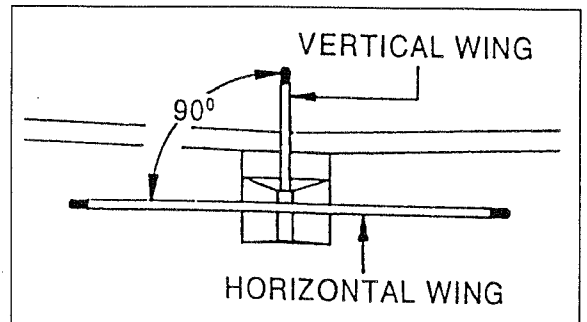
STEP 7.

THE EXACT PLACE FOR FIXING THE HORIZONTAL STABILIZER

A) INSERT THE HORIZONTAL STABILIZER INTO THE SLOTS ON THE TAIL SECTION.

B) USE RULER TO MEASURE THE EXACT PLACE FOR FIXING THE STABILIZER (REFER TO DRAWING 7-1, 7-2) ADJUST AS NECESSARY.

C) MAKING MARK AND CUT OF THE P.V.C.FILM ON THE CENTRAL PART OF THE STABILIZER.



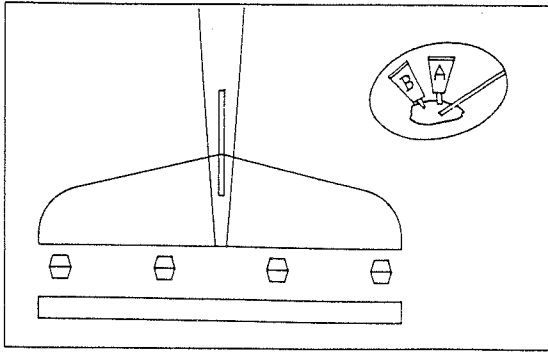
STEP 8.

THE EXACT PLACE FOR FIXING THE VERTICAL STABILIZER

A) TRIAL FIT VERTICAL STABILIZER INTO THE SLOT IN THE TAIL SECTION OF THE FUSELAGE. ENSURE THAT A PERFECT 90° DEGREE ANGLE IS OBTAINABLE TO THE HORIZONTAL STABILIZER. ADJUST AS NECESSARY.

B) MARK THE PLACE FOR ASSEMBLE THE VERTICAL STABILIZER.

C) CUT OFF THE P.V.C. FILM WHICH COVERS THE FIXING PLACE.



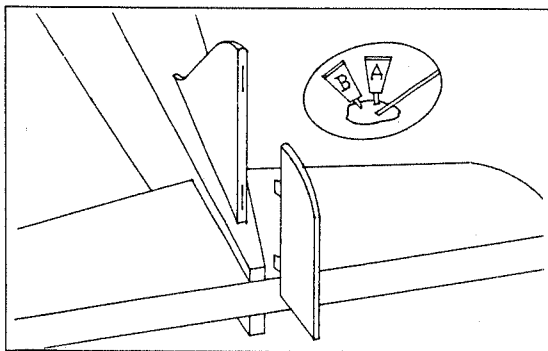
STEP 9.

HORIZONTAL STABILIZER AND ELEVATOR ASSEMBLY

A) EPOXY THE HORIZONTAL STABILIZER IN THE SLOTS ON THE FUSELAGE.

B) BEND THE HINGE UNTIL MOVEMENT IS FREE.

C) ATTACH THE ELEVATOR HINGES TO THE HORIZONTAL STABILIZER. BE SURE TO REMOVE ALL EXCESS EPOXY.



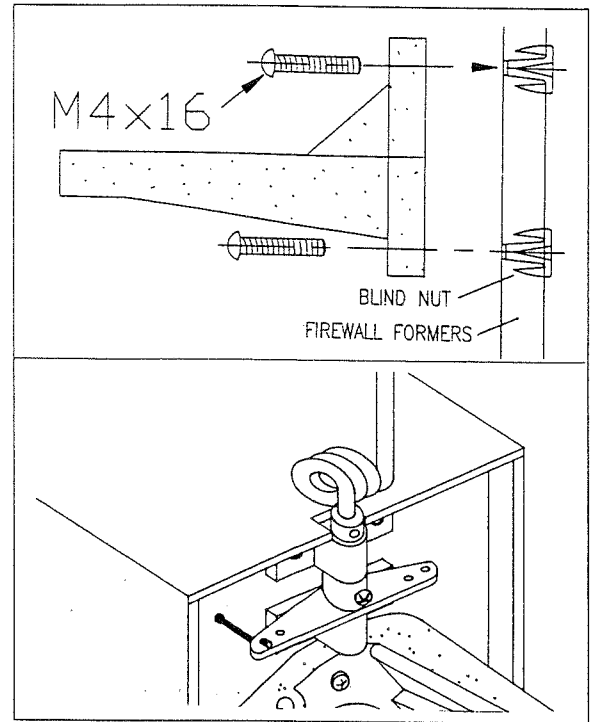
STEP 10.

RUDDER AND VERTICAL STABILIZER ASSEMBLY TO FUSELAGE

A) APPLY EPOXY TO THE UNCOVERED PORTION OF VERTICAL STABILIZER AND INSERT INTO THE SLOT IN THE FUSELAGE.

B) BEND THE RUDDER HINGES UNTIL MOVEMENT IS FREE.

C) ATTACH THE RUDDER HINGES TO THE VERTICAL STABILIZER. BE SURE TO REMOVE ALL EXCESS EPOXY.

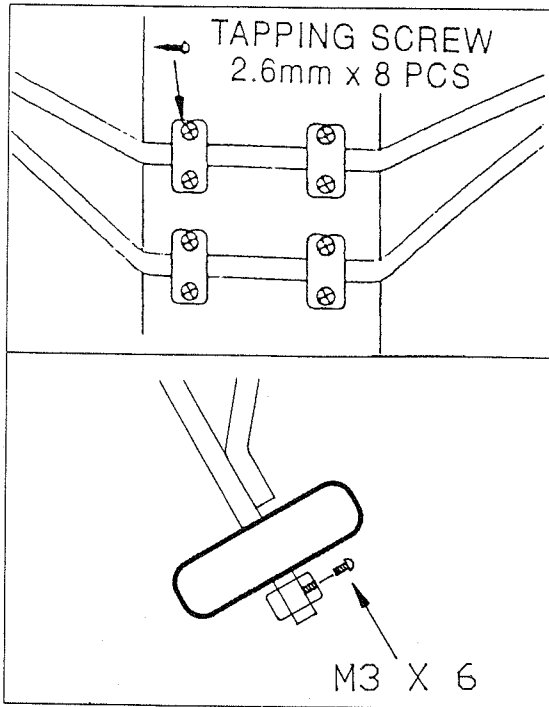


STEP 11.

ENGINE MOUNT AND GEAR ASSEMBLY

A) TAKE FOUR PIECES OF M4x6 SCREW TO FIX THE ENGINE MOUNT ON THE FIREWALL. (REFER TO DRAWING 11-1)

B) TAKE NOSE GEAR, ROTATION ARM, COLLAR (1PCS), M3x6 SCREW (1PCS) ASSEMBLY ACCORDING TO DRAWING 11-2.

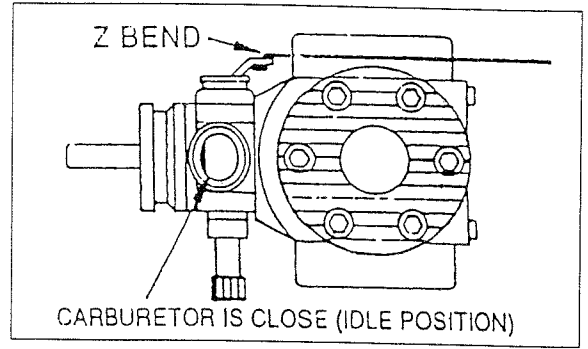
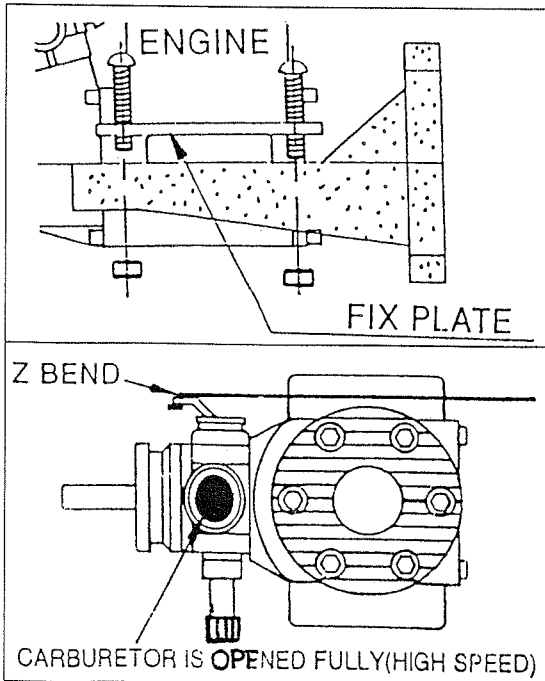


STEP 12.

LANDING GEAR & SPONGE WHEEL ASSEMBLY

A) TAKE LANDING GEAR, PLASTIC PLATE (4PCS) 2.6mm TAPPING SCREW 8PCS. FIXING THE LANDING GEAR ACCORDING TO DRAWING 12-1.

B) FIX NOSE GEAR & LANDING GEAR BY COLLAR & M3x6 SCREW.



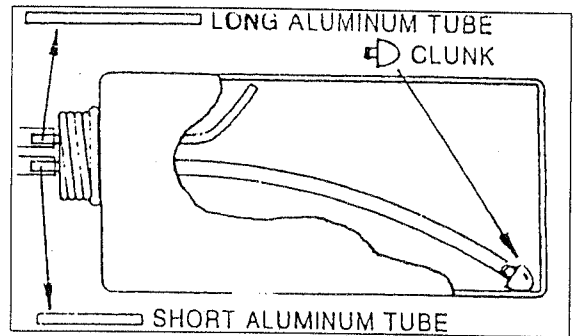
STEP 13.

INSTALLING ENGINE

A) TAKE:

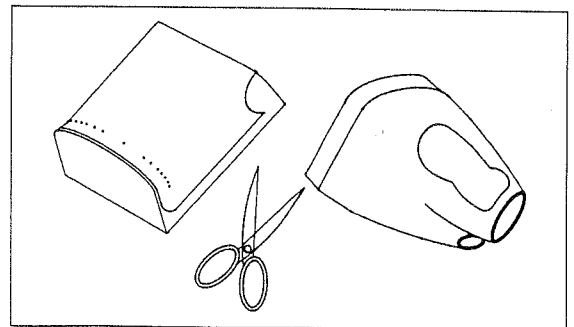
- FIX PLATE 2 PCS
- M4x20 SCREWS 4 PCS
- M4 BLIND NUT 4 PCS

B) ASSEMBLY ACCORDING TO DRAWING 13-1, 13-2



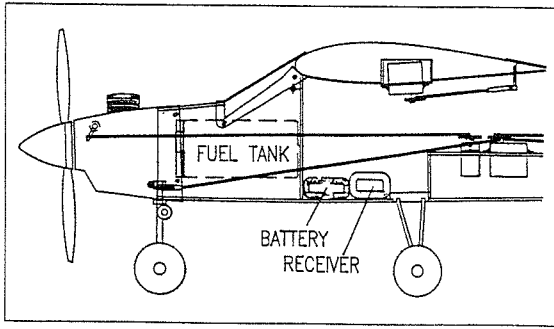
STEP 14.

FUEL TANK ASSEMBLY REFER TO DRAWING 14.



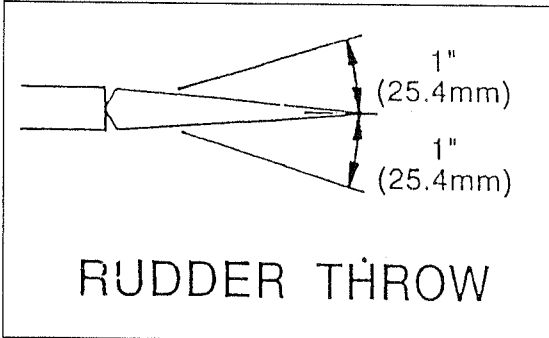
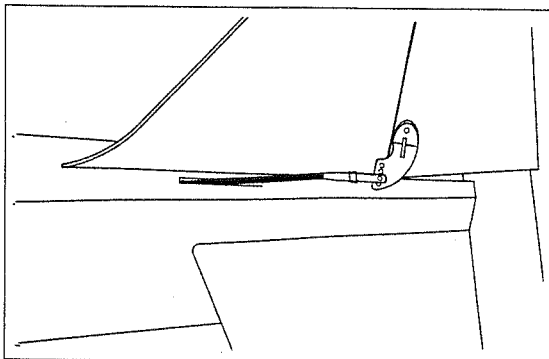
STEP 15.

CUT THE FRONT WINDOW & ENGINE COWL ACCORDING TO THE PRE-MARKING LINE.



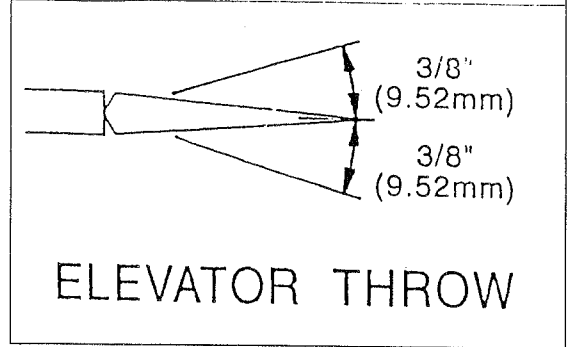
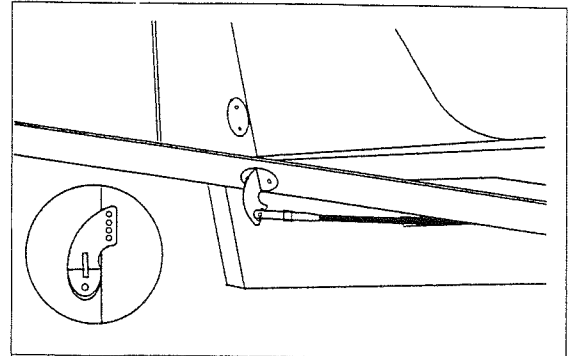
STEP 16.

INSTALL THE FRONT WINDOW & ENGINE COWL AND FIX THEM BY 2x10 SCREWS. INSTALLING FUEL TANK, SERVO, RECEIVER, AND BATTERY PACK ACCORDING TO DRAWING 16.



STEP 17.

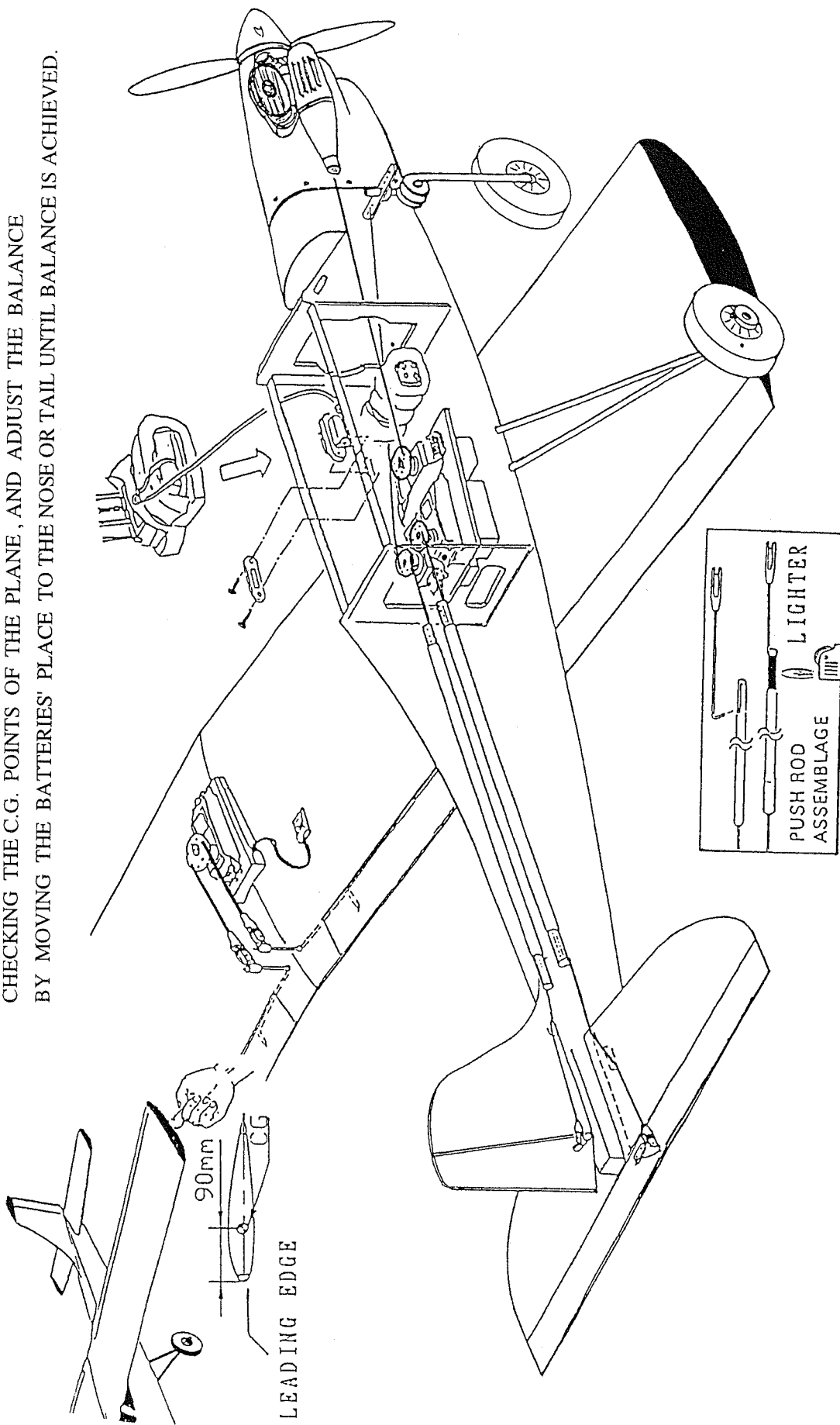
MOUNTING CONTROL HORNS AND PUSHRODS TO THE RUDDER.
(DRAWING 17-1, 17-2)



STEP 18.

MOUNTING CONTROL HORNS AND PUSHRODS TO THE ELEVATOR.
(DRAWING 18-1, 18-2)

CHECKING THE C.G. POINTS OF THE PLANE, AND ADJUST THE BALANCE BY MOVING THE BATTERIES' PLACE TO THE NOSE OR TAIL UNTIL BALANCE IS ACHIEVED.



THE DRAWING FOR INSTALLATION OF RADIO SERVO

***** SPECIAL NOTE ABOUT P.V.C. COVERING *****

DUE TO TEMPERATURE DIFFERENCES BETWEEN THE MANUFACTURER AND YOUR PARTICULAR AREA, YOU MAY FIND SOME SMALL WRINKLES IN THE COVERING MATERIAL, THERE ARE EASILY CORRECTED BY USING A HEAT GUN.

THE SPECIAL HEAT GUN FOR MODELING USE IS RECOMMENDED.

TURN ON THE HEAT GUN AND GENTLY FLOW HOT AIR BACK AND FORTH.

COVER THE WRINKLED AREA APPROXIMATELY 8 TO 10 INCHES ABOVE THE SURFACE. THE COVERING WILL LOOSEN AT FIRST, THEN SHRINK AFTER A MOMENT. MOVE THE HEAT GUN GRADUALLY TO SHRINK OUT ALL THE WRINKLES. THIS PROCESS IS NOT DIFFICULT, BUT IF YOU ARE NOT SURE AS TO THIS TECHNIQUE, ASK AN EXPERIENCED MODELER OR HOBBY SHOP TO HELP YOU. IF THERE IS NO MODELING HEAT GUN, SOME HAIR DRYERS WITH 800 TO 1,000 WATTS MAY WORK. LET THE NOZZLE GET CLOSE TO COVERING SURFACE OF MOVE THE HAIR DRYERS SLOWER TO SOLVE THE PROBLEM OF INSUFFICIENT HEAT. THIS P.V.C. FILM HAS DIFFERENT PROPERTIES FROM OTHER IRON-ON COVERING, SO PLEASE NOTE "DO NOT USE A SEALING IRON TO TREAT P.V.C. FILM IN ANY COVERING PROCESS".