

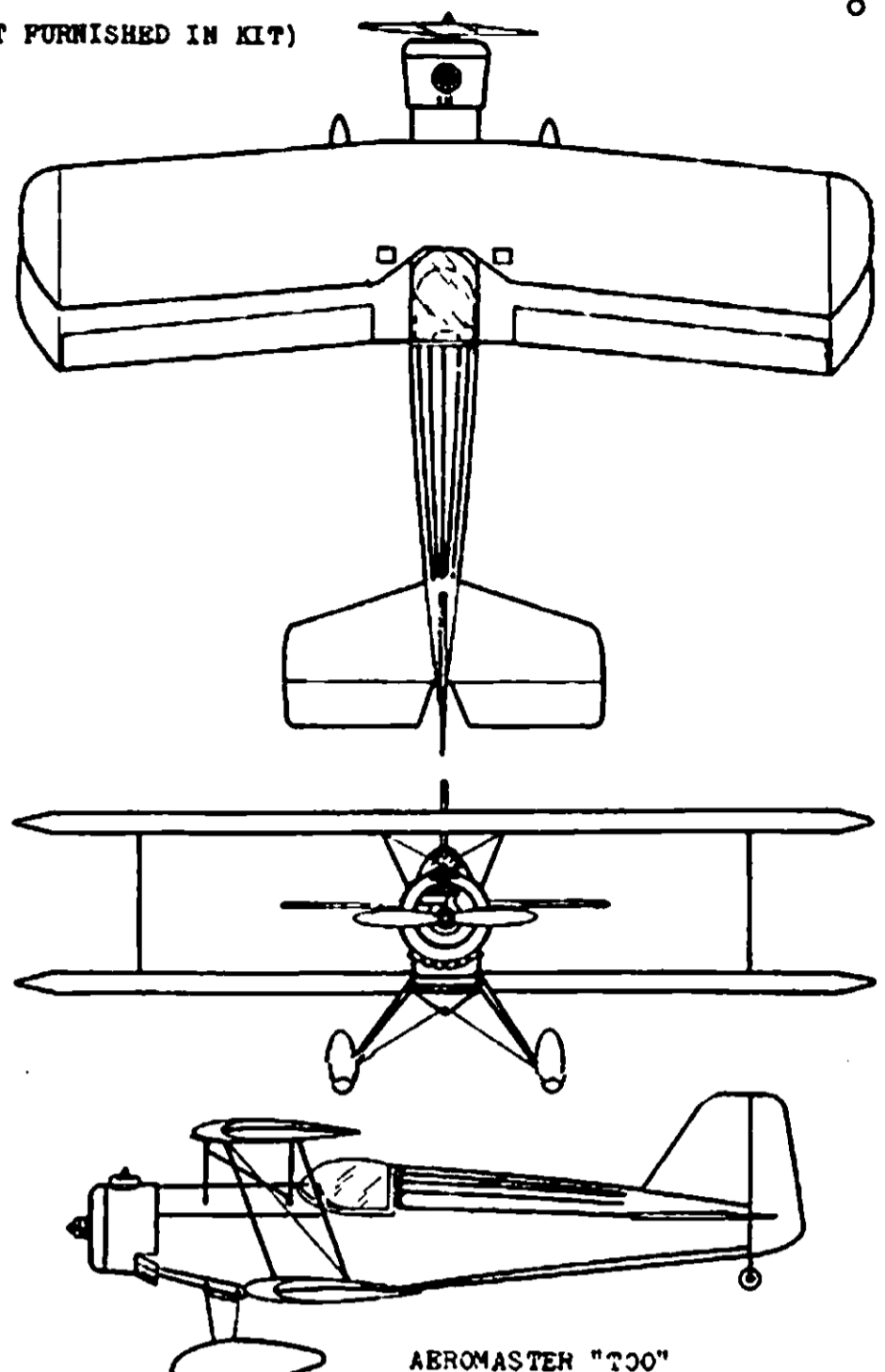
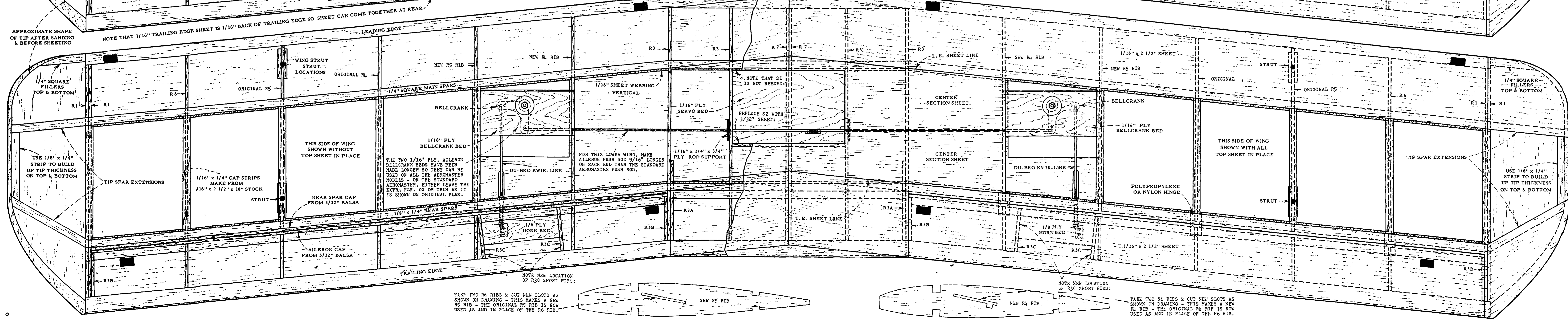
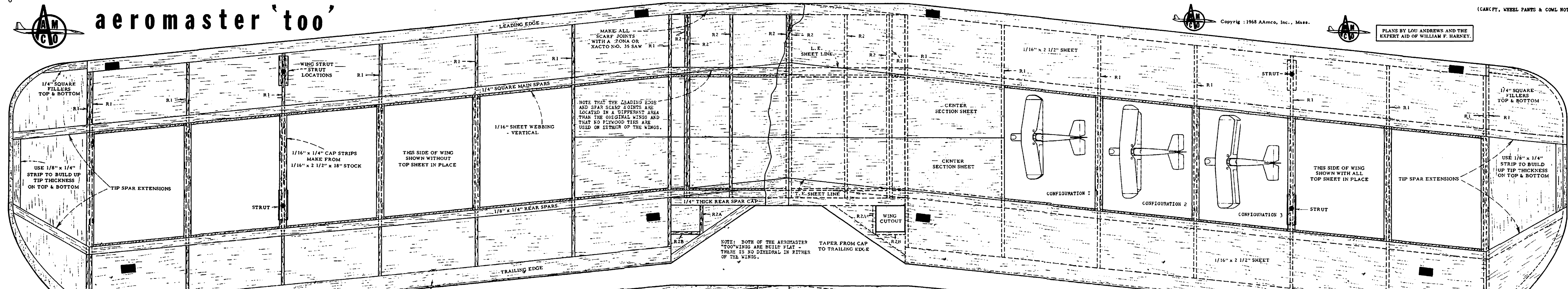


aeromaster 'too'

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PLANS BY LOU ANDREWS AND THE EXPERT AID OF WILLIAM F. HARVEY.

(CANOPY, WHEEL PARTS & COWL NOT FURNISHED IN KIT)



LISTEN TO THIS: THE MOST POPULAR BIPE IN THE HISTORY OF R/C MODELING HAS BEEN UP-DATED.

FIRST: THESE FEW CHANGES AND ADDITIONS ARE BY POPULAR REQUEST FROM MODELERS TO MAKE THE "AEROMASTER" MORE VERSATILE.

SECOND: THESE FEW CHANGES AND ADDITIONS DO NOT AFFECT THE KIT AS IT IS NOW.

THIRD: THE "AEROMASTER" CAN NOW BE BUILT IN THREE CONFIGURATIONS FROM THE SAME KIT AND ALL THE NECESSARY EXTRA MATERIAL, ADDITIONAL WING PLANS AND INSTRUCTIONS ARE INCLUDED IN THE KIT.

FOURTH: THE "AEROMASTER" CAN BE BUILT AS IT IS NOW KNOWN - IT CAN BE BUILT WITH THE TOP WING SPAN INCREASED TO 52" AND AN INCREASE IN AREA OF FROM 81sq. IN. AS IT IS NOW TO 86sq. IN. - AND HERE IS THE SURPRISE - IT CAN NOW ALSO BE BUILT WITH BOTH WINGS SWEPT BACK WITH 52" SPAN ON BOTH WINGS AND TOTAL AREA OF 90sq. IN. AN INCREASE OF OVER 90sq. IN.

INSTRUCTIONS FOR THE AEROMASTER "TOO" SWEPT WINGS:

ACTUALLY, ACCEPT FOR THE FACT THAT BOTH WINGS ARE SWEPT BACK, THE CONSTRUCTION OF THESE NEW WINGS IS IDENTICAL TO THE STANDARD "AEROMASTER" WINGS WITH A FEW SIMPLE CHANGES AND ADDITIONS AS FOLLOWS:

SO AS TO KEEP A STRAIGHT LINE AILERON PUSH ROD, YOU HAVE TO SLOT 2 NEW R4 & R5 RIBS THAT ARE MADE FROM R6 RIBS AND AS NOTED ON PLAN, THESE NEW R4 & R5 RIBS REPLACE THE REGULAR R4 & R5 RIBS AND THESE SAME REGULAR R4 & R5 RIBS REPLACE THE R6 RIBS USED TO MAKE THE NEW R4 & R5 RIBS.

THERE IS NO DIHEDRAL IN EITHER WING - FLAT OUT.

THE SPAR TIES HAVE BEEN ELIMINATED AND THE 1/16" WEBBING ELIMINATES PART SIX IN THE SERVO BAY AND THE S2 PART IN THE SERVO BAY WITH THE DIHEDRAL ANGLE CUT INTO IT IS DISCARDED AND REPLACED WITH A NEW ONE LESS THE DIHEDRAL ANGLE.

THE 2 R7 CENTER RIBS ON THE LOWER WING ARE SHORT TO ALLOW FOR THE PLY TIES AND WITH THE TIES LEFT OUT; THE GAPS IN THESE CENTER RIBS HAVE TO BE FILLED WITH SMALL PIECES OF 1/16" BALSAs TO FILL THE GAPS. WHEN USED IN THE NEW SWEPT LOWER WING, THE R3C SHORT RIBS ARE SET INTO A NEW LOCATION AT AN ANGLE TO RECEIVE THE 1/8" PLY AILERON HORN BED.

THE C.G. ON CONFIGURATION 1 (STANDARD AEROMASTER) REMAINS THE SAME. THE C.G. ON CONFIGURATION 2 (SWEPT TOP 52" WING & 48" STRAIGHT BOTTOM WING) IS 4" IN FRONT OF THE REAR CABANE SHOOT. THE C.G. ON CONFIGURATION 3 (DOUBLE SWEPT 52" WING & 48" IN FRONT OF THE REAR CABANE SHOOT).