BUILD WING FLAT

BALANCE WHEN COMPLETED

NOTE!

EPOXY ALL PLY PARTS DURING ASSEMBLY

NOTES ON BUILDING KITS

PURCHASE THE FOLLOWING: (2) 1/8"x3"x36" FOR SPARS
(1) 1/4"x3"x36" FOR LEADING EDGE
(1) 3/4"x2"x36" TRAILING EDGE STOCK

USE KIT PLAN FOR WING LAYOUT- DRAW LINES FOR NEW TRAILING EDGE POSITION ON PLANS - 1/4" SQ SUPPORT STIC- (STEP 17) IS SHOWN 3/4" BEHIND SPAR — 3/4" SQ. TE DOWN (CUT STOCK TO SLOPE) IS GLUED TO REAR EDGE OF TOP 1/8" & 1/4" SHEET (SEE SIDE VIEW) 1/4" SHEET REINFORC. IS GLUED AT CENTER JOINT. SAND T.E. STOCK TO SMOOTH TAPER

1/8" PLY

CUT (2) HALF RIBS

1/4" SHEET CROSS GR. BEARING PLATES

1/4" PLY (SEE SIDE)

CUT (3) EXTRA RIBS OMIT RIBS W/B ON PLANS

1/4" BALSA DOUBLER

1/8" & 1/4" CAP STRIPS, CENTER SECTION & L.E. SHEETING NOT SHOWN ON THIS PLAN

1/8" LITE SHEET

1/4" SQ

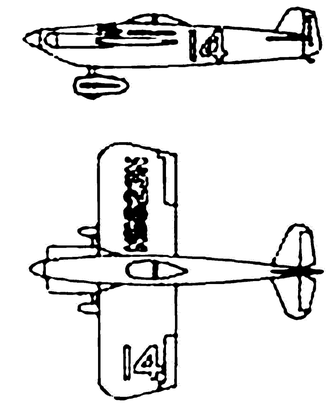
DASHED LINE STOCK KIT - SOLID LINE SEMI TIP OR SAND TO BLOCK TIP AND SAND ROUND

3/4" SQ T.E. STOCK (TRIM 1/8" OFF)

1/4" PLY BEARING PLATE

SQ. TORQUE ROD HARDWARE, GROOVE SPAR & T.E. TO RECEIVE BEARING

CUT AIL FROM T.E. STOCK - TRIM 1/4" FROM LEADING EDGE



JIMMY MILLER'S GOODYEAR

OMIT STEP 8 - GLUE 1/8"x1/2" TO STAB RIBS & CUT TO SHAPE

DASHED LINE - STOCK KIT

1/8" STAB & ELEV MADE FROM STOCK KIT

AUSTIN LEFTWICH
STAB & ELEVATOR
3/32" MED/LIGHT BALSA

AUSTIN LEFTWICH
FIN & RUDDER
3/32" MED/LIGHT BALSA

1/8" PLY & HARD BLOCK - GLUE FOR AIL. TORQUE ROD - EPOXY TO RIBS & F/B - SEE SIDE VIEW

CUT CANOPY DOWN & MOVE F. AFT AS REQ'D FOR CLEARANCE

"FILLER"

USE SCRAP FOR FILLER PCS ON LEFT SIDE ONLY

TRIM STOCK RIBS TO SOLID LINES

1/8" SHEET

1/8" GROOVE

NEW T.E.

CUT T.E.

PLY RIBS

DASHED LINES ARE STOCK KIT

1/8" SHEET TOP & FLOOR

TRIANGLE HARD BLOCKS EPOXY TO CABIN CORNERS

CUT & GLUE "FILLER" PIECES BEFORE MOUNTING WING & F/A SUB

Ø3/32" HD NYLON SCREW FOR HOLDDOWN

ADD 1/8" SHEET TO FIN L.E.

ONE PIN

GLUE KIT FLAT TO BOTTOM - WING & EPOXY GLUE TO IT

DASHED OUTLINE STOCK KIT

CUT RUDDER TO SOLID LINE AND MOVE UP TO ALIGN WITH PIN

ADD BIG TYPE 'S' CHECK COVER

MOVE PLATE TO REWIRED - MOUNT GEAR WITH 4-40 BOLTS & ELAST NUTS

STOCK POSITION

MOVE P/B 1/8" FORWARD

NEW 1/8" PLY FIRE WALL

PLACE BIG PATTERN FROM PLY OR ALUM - CUT SIDE FROM STOCK KIT SIDE

"FILLER" CUT FROM 3/32" SHEET (GRAIN ⊥)

3/32" CORE - 1/64" SHEET OUTSIDE - 1/16" PLY INSIDE

8 TIMES WORLD CHAMP
AUSTIN LEFTWICH'S RECORD
WITH "DOUBLER/LITTLE GEM"

■ 1969 -	HEMPTOR, OHIO		1/2 MIDGET CHAMPION
■ 1970 -	NEWTON, OHIO		1/2 MIDGET CHAMPION
1970	RECORD		
APR	NASHVILLE, TENN.		1/2 (50 ENTERED)
MAY	ATLANTA, GA.		2nd
JUNE	JACKSONVILLE, FLA.		1st
JUNE	MARIETTA, GA.		1st
JULY	COLUMBIA, S.C.		3rd
AUG.	JACKSONVILLE, FLA.		2nd
■ SEPT.	ROUGH RIVER, KY.		1/2 MIDGET CHAMPION
OCT.	CHARLOTTE, N.C.		1st (RECORD - 1/2 & 1) AMA COURSES

■ INDICATES WORLD CHAMPIONSHIP RACES

EARL JACKSON - COLLEGE PARK, GA. - ADDED UP SEE FOR 1/2 MIDGETS PLACED 2nd, 2nd BY 50 BEHIND AUSTIN IN THE 1970 RACES ABOVE "FLYING A LITTLE GEM"

0 1 2 3 4 5 Inches

MODEL BUILDER/magazine

Plan No: 3742

CONVERSION DRAWING FOR CHAMPIONSHIP 1/2 MIDGET RACER FROM 'SIG' DOUBLER KIT

DRAWN/INKED 10-10-70 Earl Stephens

ASSISTANCE BY AUSTIN LEFTWICH GRATEFULLY ACKNOWLEDGED