AQUI-DUCT 40

AN EXPERIMENTAL RADIO CONTROL JET BOAT FOR 3 CHANNELS

DESIGN AND PENCILS BY BOB ABERLE INKED BY C.v.M

LENGTH 48" BEAM 24" WEIGHT 9-3/4 LBS

0" 1" 2" 3" 4" 5" 6" 7" 8" 9"

TOP VIEW NOTES
ONLY THE RK-40 OUTLINE SHOWN
ENGINE AND MUFFLER OMITTED

HULL CONSTRUCTION FROM
EXPANDED BEAD FOAM
48" X 24" X 3"

FUTABA CONTEST-7
RADIO SYSTEM

WILLIAMS BROS
2" MILITARY SCALE
PILOT BUST (2 REQ'D)

SECTION A-A

1/8" X 3/8" SEATING TAPE

FOAM

HULL OUTLINE OF PROTOTYPE

TYPICAL HULL
CROSS-SECTION

BOTTOM

1/4" PLY
INSERT

FUEL TANK

1/8" PLY
TRANSOM

1/2" TRIANGULAR BALSA

3/8" X 1/2" SPRUCE

1/4" X 2" SPRUCE

KEEL ON BOTTOM CENTERLINE

MTR

ELEV

RUD

A-A

A-A

GOLD'N RODS
RECESSED
INTO FOAM

5-48 INLET MOUNTING
SCREWS (2 REQ'D)

4-40 BOLTS AND NUTS
AND T NUTS (4 PLACES)

1/4" BALSA STABILIZER AND
ELEVATOR (NOTE GRAIN)

1/4" X 1/2"
SPRUCE

1/16" ALUMINUM STRAP

SUGGESTED HULL OUTLINE
FOR HIGHER PERFORMANCE

MIDWEST AX-FLO RK-40
DUCTED FAN SYSTEM

KBB 6.5CC

MAC'S MUFFLER
(SEE TEXT)

KRESS TECHNOLOGY
DUCT INLET

1/4"
BALSA

CG

1/8" PLY DUCT SUPPORT
BULKHEADS (MAKE 2)

MODIFIED K2A
BELLCRANK

1/4" PLYWOOD

1/4"
PLY

SIG 14" BUBBLE CANOPIES

TOP FRAME OF R/C COMPARTMENT
OMITTED FROM SIDE VIEW FOR
CLARITY

ANTENNA MAST THROUGH

HOBBYPOXY THINNER
CAN TOP AND CAP

1/8" PLY R/C HATCH COVER

1/2" #6 SHEET METAL SCREWS

SIG EPOXOLITE FILLET

1/8" PLY

BATTERY

R
E
V
R

FUTABA
FP-S13
SERVO

1/4" X 1/2" SERVO RAILS

COVER CONTROL ROD CHANNELS
WITH 1/16" BALSA

1/4" X 1/2" SPRUCE SPAR

DU-BRO HINGES TYPICAL