NOTES: (1) TWO FUEL PROOF DECAL SHEETS WITH CUB EMBLEM, LICENSE NUMBERS AND FUSELAGE PLATE MAY BE OBTAINED FROM HAROLD OSBORNE FOR $1.00.

(2) A VACUUM FORMED HI-IMPACT STYRENE COWL MAY BE OBTAINED FROM HAROLD OSBORNE FOR $3.00.

1/8 SHEET GUSSET

1/4 x 1/2 LEADING EDGE

SEE NOTE (1)

STRUT LOCATION

1/8 SOFT SHEET

NC7229

W1 W1 W1 W1 W1 W1 W1 W2

1/8" DIHEDRAL

STRUT LOCATION

SCRAP FILL TO FUSELAGE CONTOUR

AILERON OUTLINE IN BLACK INK

1/4 x 1/2 LEADING EDGE

1/8 SHEET GUSSET

STRUT LOCATION

W2 W1 W1 W1 W1 W1 W1

1/8 SOFT SHEET

CENTER SECTION 1/8 SHEET

1/4 x 1/4 BRACES

1/4 x 1/4 BRACES TYP 4 PLACES

1/4 DIA. HARD WOOD DOWEL

1/4 DIA. HARDWOOD DOWEL

SCORE AND BEND ON THESE LINES

1/4 x 1/4 SIDE STRINGERS SEE DETAIL

1/8 SHEET SIDES

LEFT FUSELAGE SIDE INSIDE VIEW

SCORE AND BEND ON THIS LINE

1/8 SHEET DOUBLER FOR RIGHT FUSELAGE SIDE

1/8 SHEET DOUBLER FOR LEFT FUSELAGE SIDE

WING RIB W1 1/8 SHEET 16 REQUIRED

TRIM FOR W2

1/4 DIA. HARD WOOD DOWEL

1/4 DIA. HARD WOOD DOWEL

1/4 x 1/4 BRACES TYP. 4 PLACES

1/4 x 1/4 BRACES

1/4 x 1/4 SIDE STRINGERS SEE DETAIL

1/8 SHEET SIDES

RIGHT FUSELAGE SIDE INSIDE VIEW

SCORE AND BEND ON THIS LINE

SCORE AND BEND ON THESE LINES

STABILIZER - 1/8 SHEET

1/4 DIA. HARDWOOD DOWEL

ELEVATOR - 1/8 SHEET

ELEVATOR - 1/8 SHEET

RUDDER - 1/8 SHEET

FIN - 1/8 SHEET

CEMENT TO STABILIZER

1/8 SHEET

1/8 SHEET

FUSELAGE HATCH DETAIL

LANDING GEAR FILLER - 1/8 SHT. TRUE SIZE

1/4 DIA. HARDWOOD DOWEL STRUTS

1/4 x 1/4 SPRUCE

RIGHT WING STRUT TRUE LENGTH

1/4 x 1/2 SPRUCE

6" DIA. 3" PITCH PROPELLER

1/4 x 1/4 BRACES

1/4 DIA. HARD WOOD DOWEL

1/4 x 1/4 BRACE

ENGINE - COX GOLDEN BEE

1/4 DIA. HARD WOOD DOWEL

FILL THIS AREA WITH A BALSA BLOCK

USE PUSHRODS OF 1/4 DIA. HARDWOOD DOWEL OR NYRODS - YOUR CHOICE

SIDE FUSELAGE STRINGERS - 1/8 SHEET 4 REQ'D. TAPER AS SHOWN

POCKET CITY MINI CONTROL HORNS

HINGE KLETT OR EQUIV.

CARVED BALSA FILLER BLOCK

BIND ALL GEAR JOINTS WITH FINE COPPER WIRE AND SOLDER. EPOXY GEAR INTO HARDWOOD CHANNELS IN FUSELAGE

1/4 DIA. BALSA SHOCK COVERS

#8 SPLIT LOCK WASHER PRESSED ONTO AXEL

MAIN GEAR 1/4 DIA. MUSIC WIRE - TRUE SIZE

REAR GEAR 1/4 DIA. MUSIC WIRE - TRUE SIZE

GEAR CROSS WIRE 2 REQ'D .090 MUSIC WIRE

WINDSHIELD - .020 BUTYRATE CUT OVERSIZE AS INDICATED

1/8 SHEET CENTER SECTION

1/4 SHEET

1/4 DIA. HARDWOOD DOWEL

1/4 x 1/4

SECTION F4

SECTION F5

SECTION F6

1/4 SHEET BOTTOM

SECTION F7

SECTION F8

SECTION F9

SECTION F10

1/4 x 1/4 TYP.

1/4 x 1/4 TYP

SEE STRINGER DETAIL

EPOXY 4 #2-56 BLIND NUTS IN PLACE FOR MOTOR BOLTS

C1

F1 FIREWALL - 1/8 PLY.

F2 SECTION F2 EPOXY 1 #6-40 BLIND NUT FOR COWL ATTACHMENT

F3 SECTION F3

1/4 x 1/4 HARDWOOD BLOCK FOR SERVO MOUNT

1/8 SHEET PLANK

F3 - 1/8 SHEET

NOTCH AT F2

NOTCH AT F3

SEE NOTE (2)

1 1/2" INC.

CANNON SUPER-MINI DUAL BLOCK

100 MAH BATTERY

FUSELAGE HATCH

GEAR CHANNEL 1/4 x 1/4 SPRUCE 8 - 1/4 x 1/4 SPRUCE

1/8 DIA. BALLOON WHEELS - PERFECT #69

STEP - FARSIDE .060 WIRE

GEAR CHANNEL 1/4 x 1/4 SPRUCE 1/4 x 1/2 SPRUCE

DOOR OUTLINE FARSIDE ONLY

TOP CENTER LINE STRINGER - 1/8 SHEET

1/8 SHEET TOP

1/8 SHEET BOTTOM

1/4 x 1/4 CROSS BRACES 11 PLACES

SEE NOTE (1)

9" INC.

SEE NOTE (1)

CUB

HINGE KLETT OR EQUIV

THREAD

EPOXY IN RUDDER

BRASS TUBE EPOXY IN PLACE

.060 DIA. MUSIC WIRE

SOLDER WASHER TO WIRE

1/8 DIA. PERFECT TAILWHEEL

ALL WOODS ARE BALSA UNLESS OTHERWISE SPECIFIED

SUGGESTED COLOR: CUB YELLOW OVER ALL WITH BLACK MARKINGS

SCALE IN FEET

0 1 2 3 4 5 6 7 8

2 OR 3 CHANNEL R/C "SCHOOLYARD" SCALE FOR FLYING IN SMALL FIELDS
WINGSPAN 42", WING AREA 240 SQ.IN., .049 ENGINES, WEIGHT 12-13 OZ.

PIPER J3 CUB

MANUFACTURED BY PIPER AIRCRAFT CORP., LOCK HAVEN, PA.
A LIGHT AIRCRAFT OF PRE-WORLD WAR TWO ORIGIN AND STILL THE MAINSTAY OF MANY FLYING SCHOOLS THROUGHOUT THE COUNTRY

DRAWN, DESIGNED & BUILT BY: HAROLD A. OSBORNE
1932 CONEJO LANE
FULLERTON, CALIF., 92633

SCALE 1/10 FULL 8/25

DATE 1 JUNE 1976

H.E