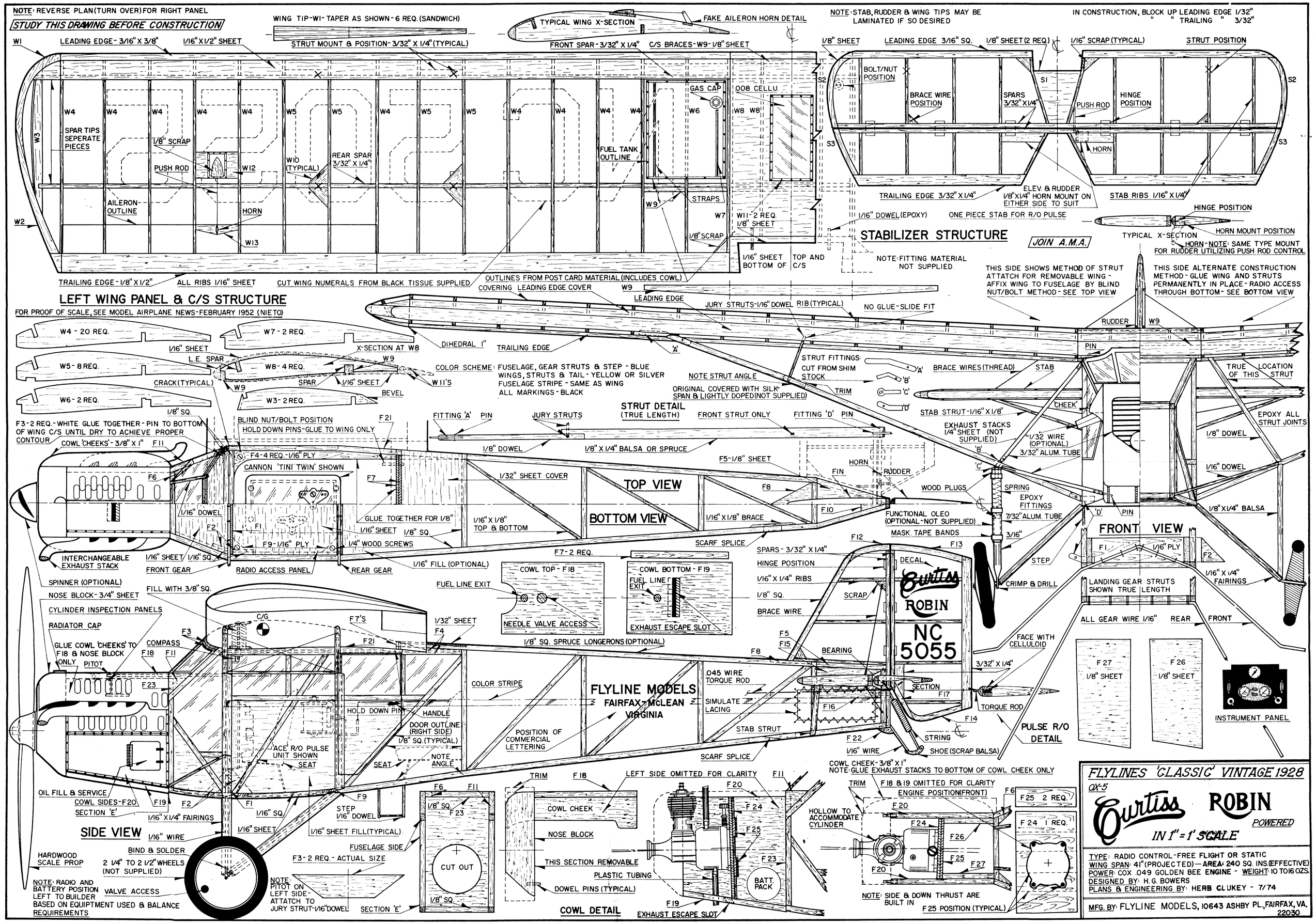
NOTE: REVERSE PLAN (TURN OVER) FOR RIGHT PANEL
STUDY THIS DRAWING BEFORE CONSTRUCTION
WING TIP-W1-TAPER AS SHOWN-6 REQ. (SANDWICH)
TYPICAL WING X-SECTION
FAKE AILERON HORN DETAIL
NOTE: STAB, RUDDER & WING TIPS MAY BE LAMINATED IF SO DESIRED
IN CONSTRUCTION, BLOCK UP LEADING EDGE 1/32"
" " TRAILING " 3/32"
W1
LEADING EDGE-3/16" X 3/8"
1/16" X 1/2" SHEET
STRUT MOUNT & POSITION-3/32" X 1/4" (TYPICAL)
FRONT SPAR-3/32" X 1/4"
C/S BRACES-W9-1/8" SHEET
GAS CAP
.008 CELLU.
W4
W5
W6
W8
W3
SPAR TIPS SEPERATE PIECES
1/8" SCRAP
PUSH ROD
W12
W10 (TYPICAL)
REAR SPAR 3/32" X 1/4"
FUEL TANK OUTLINE
AILERON-OUTLINE
HORN
W13
W2
W9
STRAPS
W7
W11-2 REQ. 1/8" SHEET
1/8" SCRAP
1/16" SHEET BOTTOM OF TOP AND C/S
TRAILING EDGE-1/8" X 1/2"
ALL RIBS 1/16" SHEET
CUT WING NUMERALS FROM BLACK TISSUE SUPPLIED
OUTLINES FROM POST CARD MATERIAL (INCLUDES COWL)
LEFT WING PANEL & C/S STRUCTURE
FOR PROOF OF SCALE, SEE MODEL AIRPLANE NEWS-FEBRUARY 1952 (NIETO)
1/8" SHEET
LEADING EDGE 3/16" SQ.
1/8" SHEET (2 REQ.)
1/16" SCRAP (TYPICAL)
STRUT POSITION
BOLT/NUT POSITION
BRACE WIRE POSITION
SPARS 3/32" X 1/4"
S1
S2
S3
PUSH ROD
HINGE POSITION
HORN
TRAILING EDGE 3/32" X 1/4"
ELEV. & RUDDER 1/8" X 1/4" HORN MOUNT ON EITHER SIDE TO SUIT
STAB RIBS 1/16" X 1/4"
1/16" DOWEL (EPOXY)
ONE PIECE STAB FOR R/O PULSE
STABILIZER STRUCTURE
JOIN A.M.A.
HINGE POSITION
TYPICAL X-SECTION
HORN MOUNT POSITION
HORN-NOTE: SAME TYPE MOUNT FOR RUDDER UTILIZING PUSH ROD CONTROL
NOTE: FITTING MATERIAL NOT SUPPLIED
THIS SIDE SHOWS METHOD OF STRUT ATTATCH FOR REMOVABLE WING - AFFIX WING TO FUSELAGE BY BLIND NUT/BOLT METHOD - SEE TOP VIEW
THIS SIDE ALTERNATE CONSTRUCTION METHOD - GLUE WING AND STRUTS PERMANENTLY IN PLACE - RADIO ACCESS THROUGH BOTTOM - SEE BOTTOM VIEW
COVERING LEADING EDGE COVER
LEADING EDGE
JURY STRUTS-1/16" DOWEL
RIB (TYPICAL)
NO GLUE-SLIDE FIT
RUDDER
W9
DIHEDRAL 1"
TRAILING EDGE
'A'
PIN
W4 - 20 REQ.
W7 - 2 REQ.
1/16" SHEET
X-SECTION AT W8
L.E. SPAR
W5 - 8 REQ.
W8 - 4 REQ.
COLOR SCHEME: FUSELAGE, GEAR STRUTS & STEP - BLUE
WINGS, STRUTS & TAIL - YELLOW OR SILVER
FUSELAGE STRIPE - SAME AS WING
ALL MARKINGS - BLACK
CRACK (TYPICAL)
SPAR
1/16" SHEET
W11'S
W6 - 2 REQ.
W3 - 2 REQ.
BEVEL
STRUT FITTINGS: CUT FROM SHIM STOCK
'A'
'B'
'C'
'D'
NOTE STRUT ANGLE
ORIGINAL COVERED WITH SILK SPAN & LIGHTLY DOPED (NOT SUPPLIED)
TRIM
BRACE WIRES (THREAD)
STAB
TRUE LOCATION OF THIS STRUT
STRUT DETAIL
(TRUE LENGTH)
FITTING 'A' PIN
JURY STRUTS
FRONT STRUT ONLY
FITTING 'D' PIN
'CHEEK'
STAB STRUT-1/16" X 1/8"
1/8" SQ.
F3-2 REQ.-WHITE GLUE TOGETHER-PIN TO BOTTOM OF WING C/S UNTIL DRY TO ACHIEVE PROPER CONTOUR
BLIND NUT/BOLT POSITION
HOLD DOWN PINS-GLUE TO WING ONLY
F21
COWL 'CHEEKS'-3/8" X 1"
F11
1/8" DOWEL
1/8" X 1/4" BALSA OR SPRUCE
EXHAUST STACKS 1/4" SHEET (NOT SUPPLIED)
1/32 WIRE (OPTIONAL)
3/32" ALUM. TUBE
EPOXY ALL STRUT JOINTS
1/8" DOWEL
F4-4 REQ.-1/16" PLY
CANNON 'TINI TWIN' SHOWN
F6
F7
1/32" SHEET COVER
TOP VIEW
F5-1/8" SHEET
HORN
FIN
RUDDER
F8
WOOD PLUGS
SPRING
EPOXY FITTINGS
7/32" ALUM. TUBE
1/16" DOWEL
1/16" DOWEL
F2
F1
GLUE TOGETHER FOR 1/8"
1/16" SHEET
1/8" SQ.
1/16" X 1/8" TOP & BOTTOM
BOTTOM VIEW
1/16" X 1/8" BRACE
F10
FUNCTIONAL OLEO (OPTIONAL-NOT SUPPLIED)
'D'
PIN
1/8" X 1/4" BALSA
FRONT VIEW
F9-1/16" PLY
1/4" WOOD SCREWS
SCARF SPLICE
MASK. TAPE BANDS
3/16"
F12
F13
F1
1/16" PLY
F2
INTERCHANGEABLE EXHAUST STACK
1/16" SHEET
1/16" SQ.
FRONT GEAR
RADIO ACCESS PANEL
REAR GEAR
1/16" FILL (OPTIONAL)
F7-2 REQ.
SPARS-3/32" X 1/4"
HINGE POSITION
1/16" X 1/4" RIBS
1/8" SQ.
BRACE WIRE
DECAL
Curtiss ROBIN
NC 5055
SCRAP
STEP
CRIMP & DRILL
LANDING GEAR STRUTS SHOWN TRUE LENGTH
1/16" X 1/4" FAIRINGS
SPINNER (OPTIONAL)
NOSE BLOCK-3/4" SHEET
FILL WITH 3/8" SQ.
COWL TOP - F18
FUEL LINE EXIT
NEEDLE VALVE ACCESS
COWL BOTTOM - F19
FUEL LINE EXIT
EXHAUST ESCAPE SLOT
CYLINDER INSPECTION PANELS
RADIATOR CAP
C/G
F7'S
1/32" SHEET
F4
ALL GEAR WIRE 1/16"
REAR
FRONT
GLUE COWL 'CHEEKS' TO F18 & NOSE BLOCK ONLY
COMPASS
F3
F18
F11
PITOT
F21
1/8" SQ. SPRUCE LONGERONS (OPTIONAL)
F5
F15
BEARING
FACE WITH CELLULOID
3/32" X 1/4"
F23
COLOR STRIPE
FLYLINE MODELS
FAIRFAX-McLEAN VIRGINIA
045 WIRE TORQUE ROD
SIMULATE LACING
F16
SECTION
F17
TORQUE ROD
F14
F27 1/8" SHEET
F26 1/8" SHEET
INSTRUMENT PANEL
HOLD DOWN PIN
HANDLE
DOOR OUTLINE (RIGHT SIDE)
1/8" SQ. (TYPICAL)
POSITION OF COMMERCIAL LETTERING
STAB STRUT
F22
STRING
1/16" WIRE
SHOE (SCRAP BALSA)
PULSE R/O DETAIL
ACE R/O PULSE UNIT SHOWN
SEAT
SEAT
NOTE ANGLE
SCARF SPLICE
COWL CHEEK-3/8" X 1"
NOTE: GLUE EXHAUST STACKS TO BOTTOM OF COWL CHEEK ONLY
OIL FILL & SERVICE
COWL SIDES-F20
SECTION 'E'
F19
F2
F1
1/16" SQ.
STEP 1/16" DOWEL
F9
1/16" X 1/4" FAIRINGS
1/16" SHEET
1/16" SHEET FILL (TYPICAL)
SIDE VIEW
1/16" WIRE
BIND & SOLDER
FUSELAGE SIDE
HARDWOOD SCALE PROP
2 1/4" TO 2 1/2" WHEELS (NOT SUPPLIED)
F3-2 REQ.-ACTUAL SIZE
NOTE: RADIO AND BATTERY POSITION LEFT TO BUILDER BASED ON EQUIPMENT USED & BALANCE REQUIREMENTS
VALVE ACCESS
NOTE: PITOT ON LEFT SIDE-ATTATCH TO JURY STRUT-1/16" DOWEL
SECTION 'E'
F6
F11
1/8" SQ.
F23
CUT OUT
1/8" SQ.
TRIM
F18
LEFT SIDE OMITTED FOR CLARITY
F11
COWL CHEEK
NOSE BLOCK
THIS SECTION REMOVABLE
PLASTIC TUBING
DOWEL PINS (TYPICAL)
COWL DETAIL
F20
F24
F25
F23
BATT. PACK
F19
EXHAUST ESCAPE SLOT
TRIM
F18 & 19 OMITTED FOR CLARITY
ENGINE POSITION (FRONT)
F6
F25 2 REQ.
HOLLOW TO ACCOMMODATE CYLINDER
F20
F24
F26
F25
F27
F20
F24 1 REQ.
NOTE: SIDE & DOWN THRUST ARE BUILT IN
F25 POSITION (TYPICAL)
FLYLINES 'CLASSIC' VINTAGE 1928
OX-5
Curtiss ROBIN
POWERED
IN 1" = 1' SCALE
TYPE: RADIO CONTROL-FREE FLIGHT OR STATIC
WING SPAN: 41" (PROJECTED) — AREA: 240 SQ. INS. (EFFECTIVE)
POWER: COX .049 GOLDEN BEE ENGINE - WEIGHT: 10 TO 16 OZS.
DESIGNED BY: H. G. BOWERS
PLANS & ENGINEERING BY: HERB CLUKEY - 7/74
MFG. BY: FLYLINE MODELS, 10643 ASHBY PL., FAIRFAX, VA. 22030