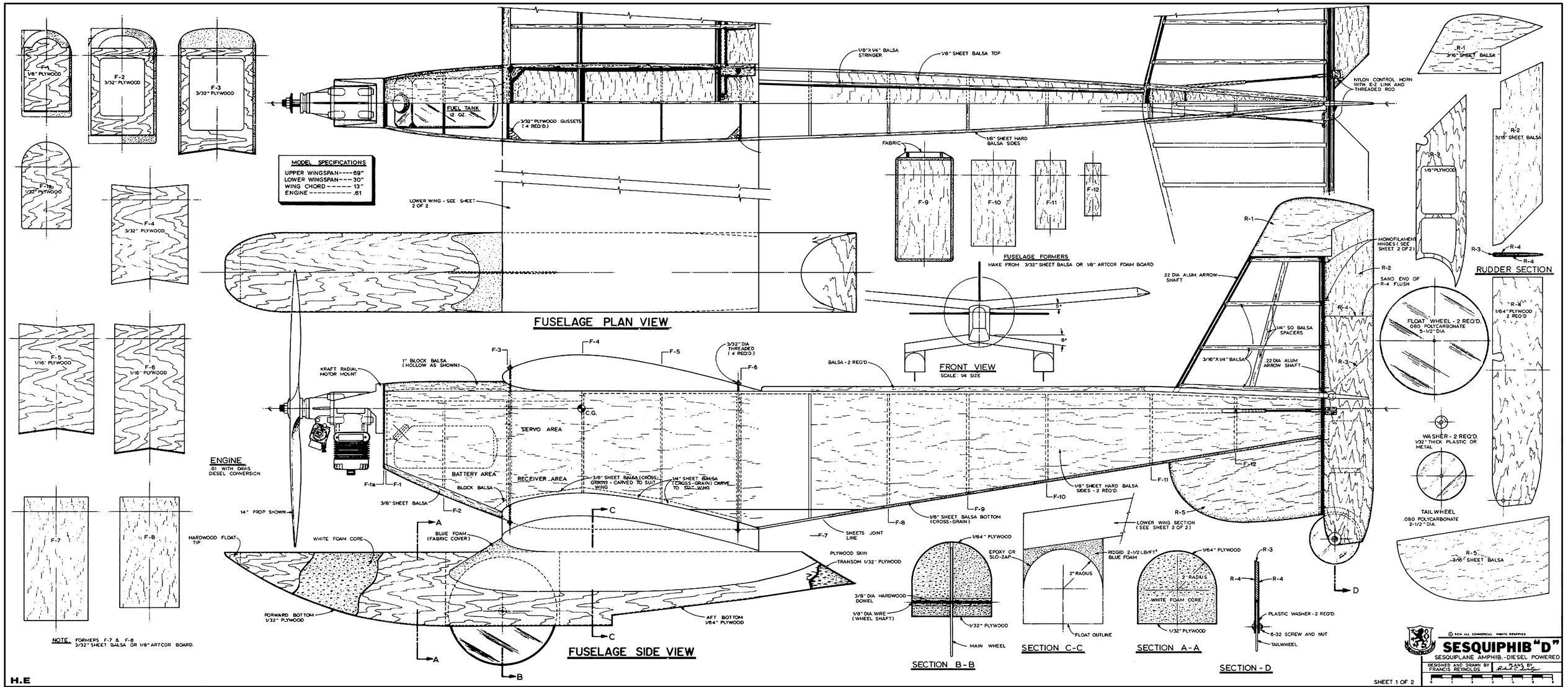
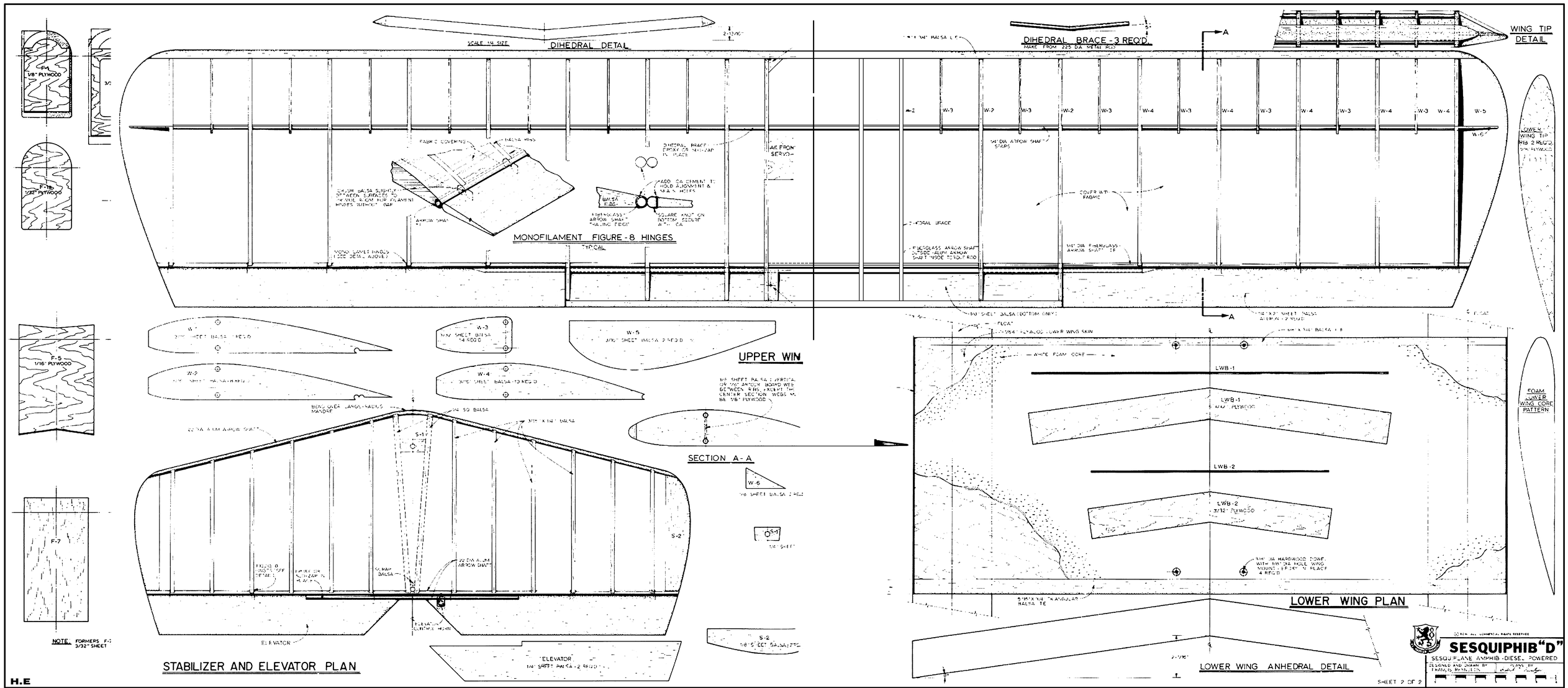

F-1 1/8" PLYWOOD
F-2 3/32" PLYWOOD
F-3 3/32" PLYWOOD
F-4 3/32" PLYWOOD
F-5 1/16" PLYWOOD
F-6 1/16" PLYWOOD
F-7
F-8
MODEL SPECIFICATIONS
UPPER WINGSPAN---69"
LOWER WINGSPAN---30"
WING CHORD------13"
ENGINE----------.61
FUEL TANK 12 OZ.
3/32" PLYWOOD GUSSETS (4 REQ'D.)
1/8"X1/4" BALSA STRINGER
1/8" SHEET BALSA TOP
NYLON CONTROL HORN WITH E-Z LINK AND THREADED ROD
1/8" SHEET HARD BALSA SIDES
LOWER WING - SEE SHEET 2 OF 2
FUSELAGE PLAN VIEW
FABRIC
F-9
F-10
F-11
F-12
FUSELAGE FORMERS
MAKE FROM 3/32" SHEET BALSA OR 1/8" ARTCOR FOAM BOARD
FRONT VIEW
SCALE: 1/4 SIZE
5°
8°
R-1 3/16" SHEET BALSA
R-2 3/16" SHEET BALSA
R-3 1/8" PLYWOOD
R-4
RUDDER SECTION
MONOFILAMENT HINGES (SEE SHEET 2 OF 2)
22 DIA ALUM. ARROW SHAFT
SAND END OF R-4 FLUSH
1/4" SQ BALSA SPACERS
3/16"X1/4" BALSA
.22 DIA ALUM ARROW SHAFT
FLOAT WHEEL - 2 REQ'D. .080 POLYCARBONATE 5-1/2" DIA
1/64" PLYWOOD 2 REQ'D
WASHER - 2 REQ'D. 1/32" THICK PLASTIC OR METAL
TAIL WHEEL .080 POLYCARBONATE 2-1/2" DIA.
R-5 3/16" SHEET BALSA
KRAFT RADIAL MOTOR MOUNT
1" BLOCK BALSA (HOLLOW AS SHOWN)
3/32" DIA THREADED (4 REQ'D.)
BALSA - 2 REQ'D.
C.G.
SERVO AREA
BATTERY AREA
RECEIVER AREA
BLOCK BALSA
3/8" SHEET BALSA
3/8" SHEET BALSA (CROSS-GRAIN) - CARVED TO SUIT WING
1/4" SHEET BALSA (CROSS-GRAIN) CARVE TO SUIT WING
1/8" SHEET HARD BALSA SIDES - 2 REQ'D.
1/8" SHEET BALSA BOTTOM (CROSS-GRAIN)
SHEETS JOINT LINE
14" PROP SHOWN
ENGINE
.61 WITH DAVIS DIESEL CONVERSION
HARDWOOD FLOAT TIP
WHITE FOAM CORE
BLUE FOAM (FABRIC COVER)
PLYWOOD SKIN
TRANSOM 1/32" PLYWOOD
FORWARD BOTTOM 1/32" PLYWOOD
AFT BOTTOM 1/64" PLYWOOD
FUSELAGE SIDE VIEW
1/64" PLYWOOD
EPOXY OR SLO-ZAP
3/8" DIA HARDWOOD DOWEL
1/8" DIA WIRE (WHEEL SHAFT)
1/32" PLYWOOD
MAIN WHEEL
SECTION B-B
LOWER WING SECTION (SEE SHEET 2 OF 2)
RIGID 2-1/2 LB/FT³ BLUE FOAM
2" RADIUS
FLOAT OUTLINE
SECTION C-C
WHITE FOAM CORE
SECTION A-A
PLASTIC WASHER - 2 REQ'D.
6-32 SCREW AND NUT
TAILWHEEL
SECTION - D
NOTE. FORMERS F-7 & F-8 3/32" SHEET BALSA OR 1/8" ARTCOR BOARD.
H.E
© RCM ALL COMMERCIAL RIGHTS RESERVED
SESQUIPHIB "D"
SESQUIPLANE AMPHIB.-DIESEL POWERED
DESIGNED AND DRAWN BY FRANCIS REYNOLDS
PLANS BY
SHEET 1 OF 2
PLAN NO. 981 ②


DIHEDRAL DETAIL
SCALE 1/4 SIZE
DIHEDRAL BRACE - 3 REQ'D
MAKE FROM .225 DIA METAL ROD
WING TIP DETAIL
LOWER WING TIP RIB 2 REQ'D 1/16" PLYWOOD
F-1 1/8" PLYWOOD
F-1B 1/32" PLYWOOD
F-5 1/16" PLYWOOD
F-7
NOTE: FORMERS F-1 3/32" SHEET
MONOFILAMENT FIGURE-8 HINGES
TYPICAL
FABRIC COVERING
BALSA RIBS
DIHEDRAL BRACE EPOXY OR MEDIUM CA IN PLACE
ADD CA CEMENT TO HOLD ALIGNMENT & MAIN HINGE
FIBERGLASS ARROW SHAFT FAIRING EDGE
SQUARE KNOT ON BOTTOM SECURE WITH CA
ARROW SHAFT
WOOD LAVET HINGES (SEE DETAIL ABOVE)
AC FROM SERVO
COVER WITH FABRIC
DIHEDRAL BRACE
FIBERGLASS ARROW SHAFT INSIDE TORQUE ROD
1/8" SHEET BALSA (BOTTOM ONLY)
UPPER WIN
W-1
W-2
W-3
W-4
W-5
W-6
SECTION A-A
BEND OVER LARGE RADIUS MANDRE
1/4 SQ BALSA
22 DIA ALUM ARROW SHAFT
S-1
S-2
MAIN BALSA
ELEVATOR
ELEVATOR CONTROL HEATH
STABILIZER AND ELEVATOR PLAN
FLOAT
1/64" PLYWOOD LOWER WING SKIN
WHITE FOAM CORE
LWB-1
LWB-2
3/32" PLYWOOD
1/4" DIA HARDWOOD DOWEL WITH 1/16" DIA HOLE WING MOUNT - EPOXY IN PLACE 4 REQ'D
SHAPE 1/4" TRIANGULAR BALSA TE
LOWER WING PLAN
LOWER WING ANHEDRAL DETAIL
FOAM LOWER WING CORE PATTERN
SESQUIPHIB "D"
SESQUI-PLANE AMPHIB - DIESEL POWERED
DESIGNED AND DRAWN BY FRANK B. PETRICK
PLANS BY
SHEET 2 OF 2
H.E
PLAN NO. 981 ②