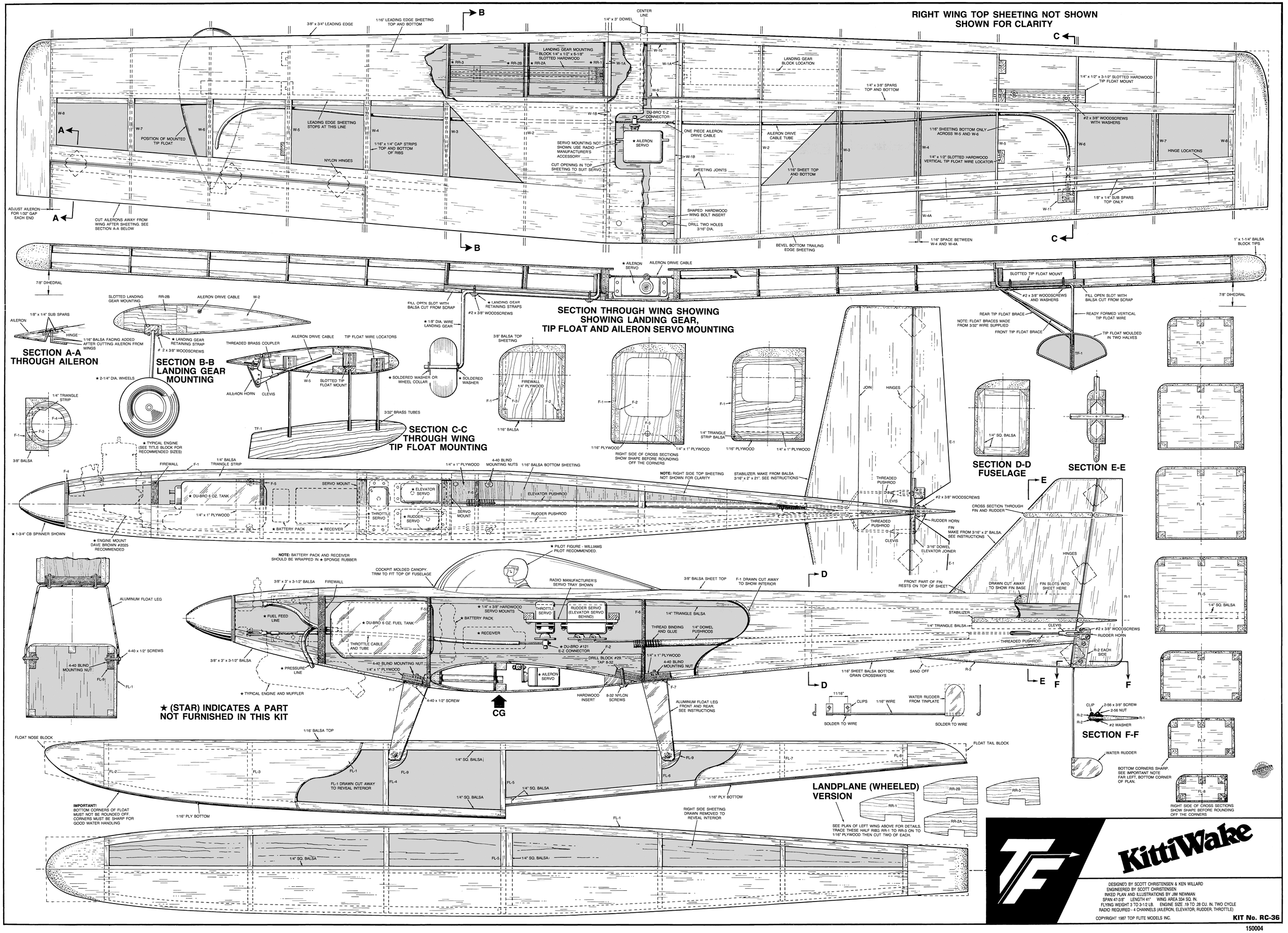
RIGHT WING TOP SHEETING NOT SHOWN SHOWN FOR CLARITY
3/8" x 3/4" LEADING EDGE
1/16" LEADING EDGE SHEETING TOP AND BOTTOM
1/4" x 3" DOWEL
CENTER LINE
LANDING GEAR MOUNTING BLOCK 1/4" x 1/2" x 6-1/8" SLOTTED HARDWOOD
LANDING GEAR BLOCK LOCATION
1/4" x 3/8" SPARS TOP AND BOTTOM
1/4" x 1/2" x 3-1/2" SLOTTED HARDWOOD TIP FLOAT MOUNT
#2 x 3/8" WOODSCREWS WITH WASHERS
LEADING EDGE SHEETING STOPS AT THIS LINE
POSITION OF MOUNTED TIP FLOAT
1/16" x 1/4" CAP STRIPS TOP AND BOTTOM OF RIBS
NYLON HINGES
DU-BRO E-Z CONNECTOR
ONE PIECE AILERON DRIVE CABLE
SERVO MOUNTING NOT SHOWN. USE RADIO MANUFACTURER'S ACCESSORY
CUT OPENING IN TOP SHEETING TO SUIT SERVO
AILERON SERVO
AILERON DRIVE CABLE TUBE
SHEETING JOINTS
1/16" SHEET TOP AND BOTTOM
1/16" SHEETING BOTTOM ONLY ACROSS W-5 AND W-6
1/4" x 1/2" SLOTTED HARDWOOD VERTICAL TIP FLOAT WIRE LOCATOR
HINGE LOCATIONS
1/8" x 1/4" SUB SPARS TOP ONLY
ADJUST AILERON FOR 1/32" GAP EACH END
CUT AILERONS AWAY FROM WING AFTER SHEETING. SEE SECTION A-A BELOW
SHAPED HARDWOOD WING BOLT INSERT
DRILL TWO HOLES 3/16" DIA.
BEVEL BOTTOM TRAILING EDGE SHEETING
1/16" SPACE BETWEEN W-4 AND W-4A
1" x 1-1/4" BALSA BLOCK TIPS
7/8" DIHEDRAL
SECTION THROUGH WING SHOWING LANDING GEAR, TIP FLOAT AND AILERON SERVO MOUNTING
SLOTTED TIP FLOAT MOUNT
#2 x 3/8" WOODSCREWS AND WASHERS
FILL OPEN SLOT WITH BALSA CUT FROM SCRAP
READY FORMED VERTICAL TIP FLOAT WIRE
REAR TIP FLOAT BRACE
NOTE: FLOAT BRACES MADE FROM 3/32" WIRE SUPPLIED
FRONT TIP FLOAT BRACE
TIP FLOAT MOULDED IN TWO HALVES
SLOTTED LANDING GEAR MOUNTING
RR-2B
AILERON DRIVE CABLE
W-2
1/8" x 1/4" SUB SPARS
AILERON
HINGE
1/16" BALSA FACING ADDED AFTER CUTTING AILERON FROM WINGS
SECTION A-A THROUGH AILERON
LANDING GEAR RETAINING STRAP
2 x 3/8" WOODSCREWS
SECTION B-B LANDING GEAR MOUNTING
THREADED BRASS COUPLER
AILERON DRIVE CABLE
TIP FLOAT WIRE LOCATORS
AILERON HORN
CLEVIS
SLOTTED TIP FLOAT MOUNT
3/32" BRASS TUBES
SECTION C-C THROUGH WING TIP FLOAT MOUNTING
1/8" DIA. WIRE LANDING GEAR
SOLDERED WASHER OR WHEEL COLLAR
SOLDERED WASHER
2-1/4" DIA. WHEELS
1/4" TRIANGLE STRIP
3/8" BALSA
TYPICAL ENGINE (SEE TITLE BLOCK FOR RECOMMENDED SIZES)
3/8" BALSA TOP SHEETING
FIREWALL 1/4" PLYWOOD
1/16" BALSA
1/16" PLYWOOD
1/4" x 1" PLYWOOD
1/4" TRIANGLE STRIP BALSA
RIGHT SIDE OF CROSS SECTIONS SHOW SHAPE BEFORE ROUNDING OFF THE CORNERS
JOIN
HINGES
SECTION D-D FUSELAGE
1/4" SQ. BALSA
SECTION E-E
FIREWALL
1/4" BALSA TRIANGLE STRIP
SERVO MOUNT
ELEVATOR SERVO
THROTTLE SERVO
RUDDER SERVO
DU-BRO 6 OZ. TANK
1/4" x 1" PLYWOOD
BATTERY PACK
RECEIVER
ELEVATOR PUSHROD
RUDDER PUSHROD
4-40 BLIND MOUNTING NUTS
1/16" BALSA BOTTOM SHEETING
NOTE: RIGHT SIDE TOP SHEETING NOT SHOWN FOR CLARITY
STABILIZER, MAKE FROM BALSA 3/16" x 2" x 21". SEE INSTRUCTIONS
THREADED PUSHROD
CLEVIS
#2 x 3/8" WOODSCREWS
RUDDER HORN
FIN MAKE FROM 3/16" x 2" BALSA SEE INSTRUCTIONS
3/16" DOWEL ELEVATOR JOINER
CROSS SECTION THROUGH FIN AND RUDDER
1-3/4" CB SPINNER SHOWN
ENGINE MOUNT DAVE BROWN #2025 RECOMMENDED
NOTE: BATTERY PACK AND RECEIVER SHOULD BE WRAPPED IN SPONGE RUBBER
PILOT FIGURE - WILLIAMS PILOT RECOMMENDED.
COCKPIT MOLDED CANOPY TRIM TO FIT TOP OF FUSELAGE
3/8" x 3" x 3-1/2" BALSA
RADIO MANUFACTURER'S SERVO TRAY SHOWN
3/8" BALSA SHEET TOP
F-1 DRAWN CUT AWAY TO SHOW INTERIOR
FRONT PART OF FIN RESTS ON TOP OF SHEET
DRAWN CUT AWAY TO SHOW FIN BASE
FIN SLOTS INTO SHEET HERE
ALUMINUM FLOAT LEG
FUEL FEED LINE
DU-BRO 6 OZ. FUEL TANK
THROTTLE CABLE AND TUBE
1/4" x 3/8" HARDWOOD SERVO MOUNTS
RUDDER SERVO (ELEVATOR SERVO BEHIND)
1/4" TRIANGLE BALSA
THREAD BINDING AND GLUE
1/4" DOWEL PUSHRODS
STABILIZER
1/4" TRIANGLE BALSA
CLEVIS
#2 x 3/8" WOODSCREWS
RUDDER HORN
THREADED PUSHROD
R-2 EACH SIDE
4-40 x 1/2" SCREWS
4-40 BLIND MOUNTING NUT
FL-9
FL-1
3/8" x 3" x 3-1/2" BALSA
PRESSURE LINE
4-40 BLIND MOUNTING NUT
1/4" x 1" PLYWOOD
DU-BRO #121 E-Z CONNECTOR
DRILL BLOCK #29 TAP 8-32
AILERON SERVO
TYPICAL ENGINE AND MUFFLER
4-40 x 1/2" SCREW
HARDWOOD INSERT
8-32 NYLON SCREWS
ALUMINUM FLOAT LEG FRONT AND REAR. SEE INSTRUCTIONS
CG
1/16" SHEET BALSA BOTTOM, GRAIN CROSSWAYS
SAND OFF
R-3
CLIPS
1/16" WIRE
SOLDER TO WIRE
WATER RUDDER FROM TINPLATE
SOLDER TO WIRE
CLIP
2-56 x 3/8" SCREW
2-56 NUT
#2 WASHER
SECTION F-F
WATER RUDDER
BOTTOM CORNERS SHARP. SEE IMPORTANT NOTE FAR LEFT, BOTTOM CORNER OF PLAN.
RIGHT SIDE OF CROSS SECTIONS SHOW SHAPE BEFORE ROUNDING OFF THE CORNERS
★ (STAR) INDICATES A PART NOT FURNISHED IN THIS KIT
FLOAT NOSE BLOCK
1/16" BALSA TOP
1/4" SQ. BALSA
FL-1 DRAWN CUT AWAY TO REVEAL INTERIOR
FLOAT TAIL BLOCK
IMPORTANT! BOTTOM CORNERS OF FLOAT MUST NOT BE ROUNDED OFF. CORNERS MUST BE SHARP FOR GOOD WATER HANDLING
1/16" PLY BOTTOM
RIGHT SIDE SHEETING DRAWN REMOVED TO REVEAL INTERIOR
LANDPLANE (WHEELED) VERSION
RR-1
RR-2A
RR-2B
RR-3
SEE PLAN OF LEFT WING ABOVE FOR DETAILS. TRACE THESE HALF RIBS RR-1 TO RR-3 ON TO 1/16" PLYWOOD THEN CUT TWO OF EACH.
KittiWake
DESIGNED BY SCOTT CHRISTENSEN & KEN WILLARD
ENGINEERED BY SCOTT CHRISTENSEN
INKED PLAN AND ILLUSTRATIONS BY JIM NEWMAN
SPAN 47-3/8" LENGTH 41" WING AREA 334 SQ. IN.
FLYING WEIGHT 3 TO 3-1/2 LB. ENGINE SIZE .19 TO .28 CU. IN. TWO CYCLE
RADIO REQUIRED - 4 CHANNELS (AILERON, ELEVATOR, RUDDER, THROTTLE)
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KIT No. RC-36
150004