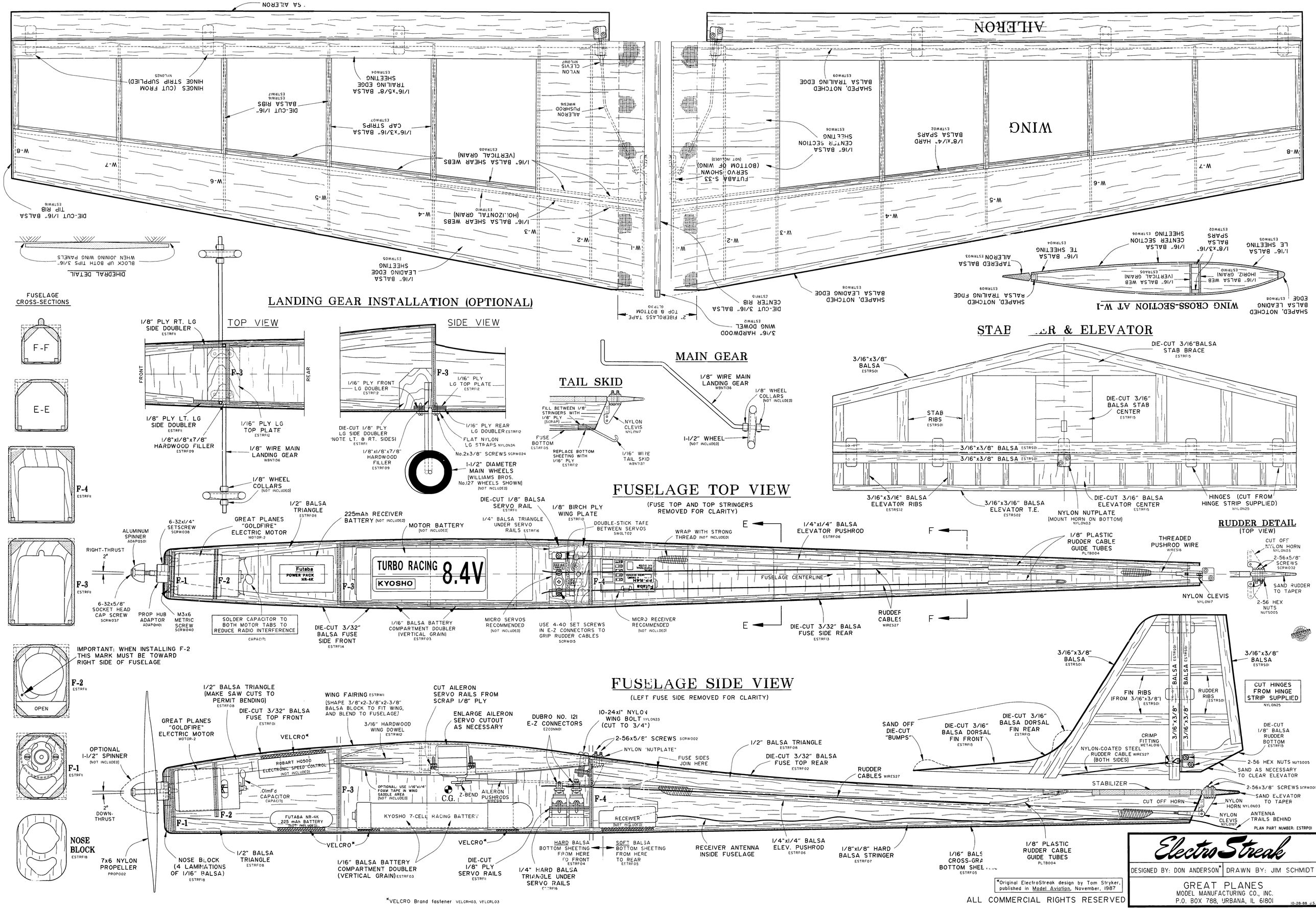
WING
AILERON
SHAPED, NOTCHED BALSA TRAILING EDGE ESTRW09
1/8"x1/4" HARD BALSA SPARS ESTRW02
1/16" BALSA CENTER SECTION SHEETING ESTRW06
FUTABA S-33 SERVO SHOWN (BOTTOM OF WING) (NOT INCLUDED)
SHAPED, NOTCHED BALSA LEADING EDGE ESTRW08
3/16" HARDWOOD WING DOWEL ESTRW12
2" FIBERGLASS TAPE TOP & BOTTOM GLTP310
DIE-CUT 3/16" BALSA CENTER RIB ESTRP15
1/16" BALSA SHEETING ESTRW05
1/16" BALSA SHEAR WEBS (HORIZONTAL GRAIN) ESTRW10
1/16" BALSA SHEAR WEBS (VERTICAL GRAIN) ESTRW05
DIE-CUT 1/16" BALSA TIP RIB ESTRW16
1/16"x3/16" BALSA CAP STRIPS ESTRW07
DIE-CUT 1/16" BALSA RIBS ESTRW16 ESTRW17
1/16"x5/8" BALSA TRAILING EDGE SHEETING ESTRW04
NYLON CLEVIS NYLON17
AILERON PUSHROD WIRE516
HINGES (CUT FROM HINGE STRIP SUPPLIED) NYLON25
W-1
W-2
W-3
W-4
W-5
W-6
W-7
W-8
WING CROSS-SECTION AT W-1
SHAPED, NOTCHED BALSA LEADING EDGE ESTRW08
SHAPED, NOTCHED BALSA TRAILING EDGE ESTRW09
TAPERED BALSA AILERON ESTRW03
1/16" BALSA TE SHEETING ESTRW04
1/16" BALSA CENTER SECTION SHEETING ESTRW06
1/8"x3/16" BALSA SPARS ESTRW02
1/16" BALSA LE SHEETING ESTRW05
1/16" BALSA WEB (VERTICAL GRAIN) ESTRW05
1/16" BALSA WEB (HORIZ. GRAIN) ESTRW10
DIEDRAL DETAIL
BLOCK UP BOTH TIPS 3/16" WHEN JOINING WING PANELS
FUSELAGE CROSS-SECTIONS
F-F
E-E
F-4 ESTRF11
F-3 ESTRF11
F-2 ESTRF11
OPEN
F-1 ESTRF11
NOSE BLOCK ESTRF18
LANDING GEAR INSTALLATION (OPTIONAL)
TOP VIEW
SIDE VIEW
1/8" PLY RT. LG SIDE DOUBLER ESTRF11
FRONT
REAR
F-3
1/8" PLY LT. LG SIDE DOUBLER ESTRF11
1/8"x1/8"x7/8" HARDWOOD FILLER ESTRF09
1/16" PLY LG TOP PLATE ESTRF12
1/8" WIRE MAIN LANDING GEAR WBNT136
1/8" WHEEL COLLARS (NOT INCLUDED)
1/16" PLY FRONT LG DOUBLER ESTRF12
DIE-CUT 1/8" PLY LG SIDE DOUBLER (NOTE LT. & RT. SIDES) ESTRF11
1/8"x1/8"x7/8" HARDWOOD FILLER ESTRF09
1/16" PLY LG TOP PLATE ESTRF12
1/16" PLY REAR LG DOUBLER ESTRF12
FLAT NYLON LG STRAPS NYLON36
No.2x3/8" SCREWS SCRW024
1-1/2" DIAMETER MAIN WHEELS (WILLIAMS BROS. No.127 WHEELS SHOWN) (NOT INCLUDED)
TAIL SKID
FILL BETWEEN 1/8" STRINGERS WITH 1/8" PLY (SCRAP)
FUSE BOTTOM ESTRF05
REPLACE BOTTOM SHEETING WITH 1/16" PLY ESTRF12
NYLON CLEVIS NYLON17
1/16" WIRE TAIL SKID WBNT137
MAIN GEAR
1/8" WIRE MAIN LANDING GEAR WBNT136
1/8" WHEEL COLLARS (NOT INCLUDED)
1-1/2" WHEEL (NOT INCLUDED)
STAB & RUDDER & ELEVATOR
DIE-CUT 3/16"BALSA STAB BRACE ESTRF15
3/16"x3/8" BALSA ESTRS01
STAB RIBS ESTRS01
DIE-CUT 3/16" BALSA STAB CENTER ESTRF15
3/16"x3/8" BALSA ESTRS01
3/16"x3/8" BALSA ESTRS01
3/16"x3/16" BALSA ELEVATOR RIBS ESTRS02
3/16"x3/16" BALSA ELEVATOR T.E. ESTRS02
NYLON NUTPLATE (MOUNT HORN ON BOTTOM) NYLON03
DIE-CUT 3/16" BALSA ELEVATOR CENTER ESTRF15
HINGES (CUT FROM HINGE STRIP SUPPLIED) NYLON25
FUSELAGE TOP VIEW
(FUSE TOP AND TOP STRINGERS REMOVED FOR CLARITY)
DIE-CUT 1/8" BALSA SERVO RAIL ESTRF11
1/8" BIRCH PLY WING PLATE ESTRF10
1/4" BALSA TRIANGLE UNDER SERVO RAILS ESTRF16
DOUBLE-STICK TAPE BETWEEN SERVOS SWGLT02
WRAP WITH STRONG THREAD (NOT INCLUDED)
1/4"x1/4" BALSA ELEVATOR PUSHROD ESTRF06
1/8" PLASTIC RUDDER CABLE GUIDE TUBES PLTB004
THREADED PUSHROD WIRE WIRES16
RUDDER DETAIL (TOP VIEW)
CUT OFF NYLON HORN NYLON03
2-56x5/8" SCREWS SCRW032
SAND RUDDER TO TAPER
2-56 HEX NUTS NUTS005
NYLON CLEVIS NYLON17
ALUMINUM SPINNER ADAPO501
RIGHT-THRUST 2°
6-32x1/4" SETSCREW SCRW038
GREAT PLANES "GOLDFIRE" ELECTRIC MOTOR MOTOR-2
1/2" BALSA TRIANGLE ESTRF08
225mAh RECEIVER BATTERY (NOT INCLUDED)
MOTOR BATTERY (NOT INCLUDED)
Futaba POWER PACK NR-4K
TURBO RACING 8.4V
KYOSHO
FUSELAGE CENTERLINE
6-32x5/8" SOCKET HEAD CAP SCREW SCRW037
PROP HUB ADAPTOR ADAPO401
M3x6 METRIC SCREW SCRW040
SOLDER CAPACITOR TO BOTH MOTOR TABS TO REDUCE RADIO INTERFERENCE CAPACIT1
DIE-CUT 3/32" BALSA FUSE SIDE FRONT ESTRF14
1/16" BALSA BATTERY COMPARTMENT DOUBLER (VERTICAL GRAIN) ESTRF03
MICRO SERVOS RECOMMENDED (NOT INCLUDED)
USE 4-40 SET SCREWS IN E-Z CONNECTORS TO GRIP RUDDER CABLES SCRW015
MICRO RECEIVER RECOMMENDED (NOT INCLUDED)
DIE-CUT 3/32" BALSA FUSE SIDE REAR ESTRF13
RUDDER CABLES WIRES27
IMPORTANT: WHEN INSTALLING F-2 THIS MARK MUST BE TOWARD RIGHT SIDE OF FUSELAGE
FUSELAGE SIDE VIEW
(LEFT FUSE SIDE REMOVED FOR CLARITY)
1/2" BALSA TRIANGLE (MAKE SAW CUTS TO PERMIT BENDING) ESTRF08
DIE-CUT 3/32" BALSA FUSE TOP FRONT ESTRF01
WING FAIRING ESTRW11 (SHAPE 3/8"x2-3/8"x2-3/8" BALSA BLOCK TO FIT WING, AND BLEND TO FUSELAGE)
3/16" HARDWOOD WING DOWEL ESTRW12
CUT AILERON SERVO RAILS FROM SCRAP 1/8" PLY
ENLARGE AILERON SERVO CUTOUT AS NECESSARY
DUBRO NO. 121 E-Z CONNECTORS EZCONN01
10-24x1" NYLON WING BOLT NYLON23 (CUT TO 3/4")
2-56x5/8" SCREWS SCRW002
NYLON "NUTPLATE"
FUSE SIDES JOIN HERE
1/2" BALSA TRIANGLE ESTRF08
DIE-CUT 3/32" BALSA FUSE TOP REAR ESTRF02
RUDDER CABLES WIRES27
SAND OFF DIE-CUT "BUMPS"
DIE-CUT 3/16" BALSA DORSAL FIN FRONT ESTRF15
DIE-CUT 3/16" BALSA DORSAL FIN REAR ESTRF15
FIN RIBS (FROM 3/16"x3/8") ESTRS01
RUDDER RIBS ESTRS01
3/16"x3/8" BALSA ESTRS01
3/16"x3/8" BALSA ESTRS01
CUT HINGES FROM HINGE STRIP SUPPLIED NYLON25
CRIMP FITTING METAL016
NYLON-COATED STEEL RUDDER CABLE WIRES27 (BOTH SIDES)
DIE-CUT 1/8" BALSA RUDDER BOTTOM ESTRF13
2-56 HEX NUTS NUTS005
SAND AS NECESSARY TO CLEAR ELEVATOR
STABILIZER
2-56x3/8" SCREWS SCRW001
SAND ELEVATOR TO TAPER
CUT OFF HORN
NYLON HORN NYLON03
NYLON CLEVIS NYLON17
ANTENNA TRAILS BEHIND
PLAN PART NUMBER: ESTRP01
OPTIONAL 1-1/2" SPINNER (NOT INCLUDED)
GREAT PLANES "GOLDFIRE" ELECTRIC MOTOR MOTOR-2
VELCRO*
ROBART HO500 ELECTRONIC SPEED CONTROL (NOT INCLUDED)
.01mFd CAPACITOR CAPACIT1
OPTIONAL: USE 1/16"x1/4" FOAM TAPE IN WING SADDLE AREA (NOT INCLUDED)
C.G.
Z-BEND AILERON PUSHRODS WIRES16
FUTABA NR-4K 225 mAh BATTERY (NOT INCLUDED)
KYOSHO 7-CELL RACING BATTERY
RECEIVER (NOT INCLUDED)
2° DOWN-THRUST
NOSE BLOCK ESTRF18
7x6 NYLON PROPELLER PROP002
NOSE BLOCK (4 LAMINATIONS OF 1/16" BALSA) ESTRF18
1/2" BALSA TRIANGLE ESTRF08
1/16" BALSA BATTERY COMPARTMENT DOUBLER (VERTICAL GRAIN) ESTRF03
DIE-CUT 1/8" PLY SERVO RAILS ESTRF11
1/4" HARD BALSA TRIANGLE UNDER SERVO RAILS ESTRF16
HARD BALSA BOTTOM SHEETING FROM HERE TO FRONT ESTRF04
SOFT BALSA BOTTOM SHEETING FROM HERE TO REAR ESTRF05
RECEIVER ANTENNA INSIDE FUSELAGE
1/4"x1/4" BALSA ELEV. PUSHROD ESTRF06
1/8"x1/8" HARD BALSA STRINGER ESTRF07
1/16" BALSA CROSS-GRAIN BOTTOM SHEETING ESTRF05
1/8" PLASTIC RUDDER CABLE GUIDE TUBES PLTB004
*VELCRO Brand fastener VELCRH03, VELCRL03
*Original ElectroStreak design by Tom Stryker, published in Model Aviation, November, 1987
ALL COMMERCIAL RIGHTS RESERVED
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