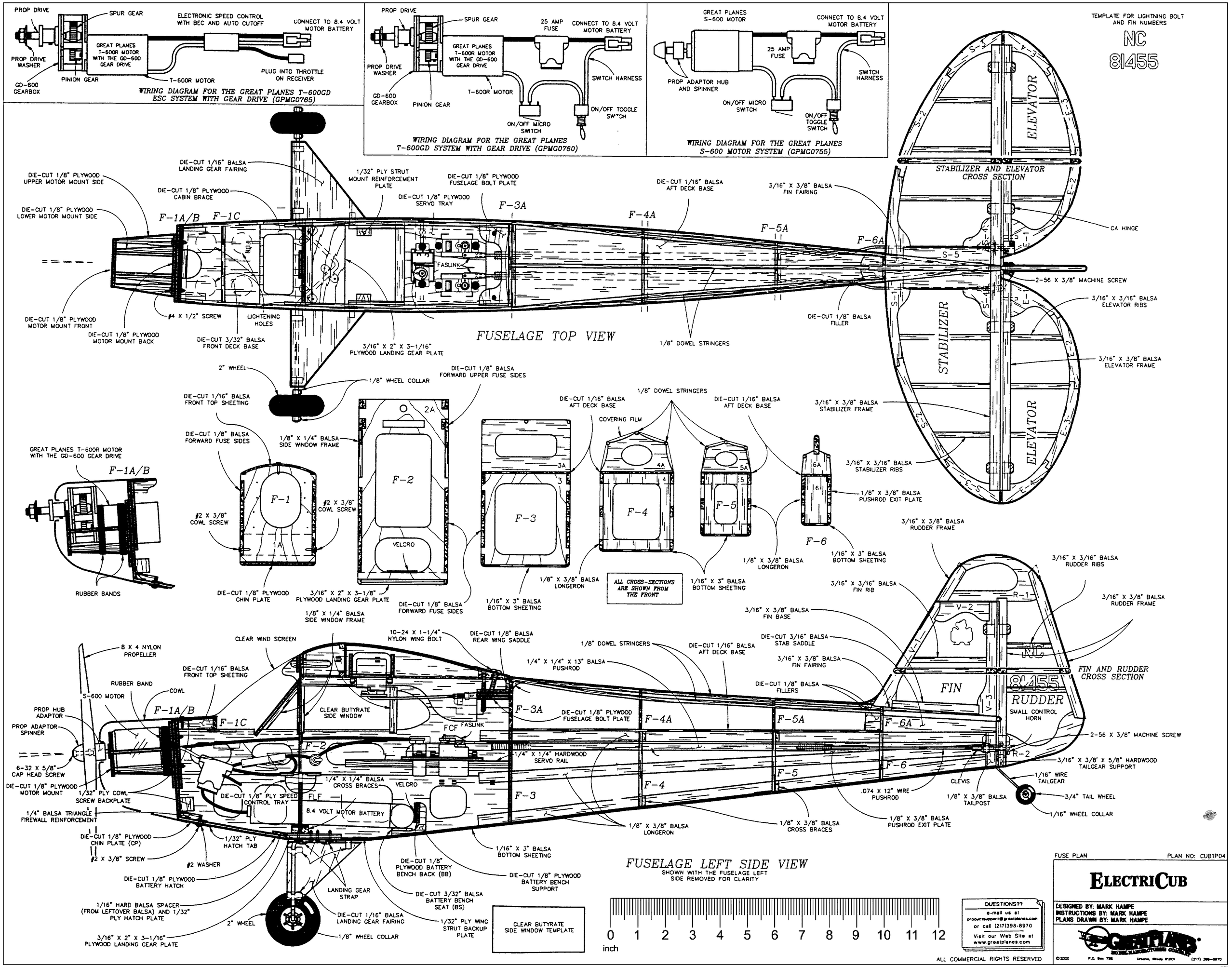
WIRING DIAGRAM FOR THE GREAT PLANES T-600GD ESC SYSTEM WITH GEAR DRIVE (GPMG0765)
PROP DRIVE
SPUR GEAR
ELECTRONIC SPEED CONTROL WITH BEC AND AUTO CUTOFF
CONNECT TO 8.4 VOLT MOTOR BATTERY
GREAT PLANES T-600R MOTOR WITH THE GD-600 GEAR DRIVE
PROP DRIVE WASHER
GD-600 GEARBOX
PINION GEAR
T-600R MOTOR
PLUG INTO THROTTLE ON RECEIVER
WIRING DIAGRAM FOR THE GREAT PLANES T-600GD SYSTEM WITH GEAR DRIVE (GPMG0760)
25 AMP FUSE
SWITCH HARNESS
ON/OFF MICRO SWITCH
ON/OFF TOGGLE SWITCH
WIRING DIAGRAM FOR THE GREAT PLANES S-600 MOTOR SYSTEM (GPMG0755)
GREAT PLANES S-600 MOTOR
PROP ADAPTOR HUB AND SPINNER
TEMPLATE FOR LIGHTNING BOLT AND FIN NUMBERS
NC 81455
STABILIZER AND ELEVATOR CROSS SECTION
ELEVATOR
STABILIZER
CA HINGE
2-56 X 3/8" MACHINE SCREW
3/16" X 3/16" BALSA ELEVATOR RIBS
3/16" X 3/8" BALSA ELEVATOR FRAME
FUSELAGE TOP VIEW
DIE-CUT 1/16" BALSA LANDING GEAR FAIRING
DIE-CUT 1/8" PLYWOOD UPPER MOTOR MOUNT SIDE
DIE-CUT 1/8" PLYWOOD CABIN BRACE
DIE-CUT 1/8" PLYWOOD LOWER MOTOR MOUNT SIDE
1/32" PLY STRUT MOUNT REINFORCEMENT PLATE
DIE-CUT 1/8" PLYWOOD FUSELAGE BOLT PLATE
DIE-CUT 1/8" PLYWOOD SERVO TRAY
DIE-CUT 1/16" BALSA AFT DECK BASE
3/16" X 3/8" BALSA FIN FAIRING
F-1A/B
F-1C
F-3A
F-4A
F-5A
F-6A
FASLINK
#4 X 1/2" SCREW
LIGHTENING HOLES
DIE-CUT 1/8" PLYWOOD MOTOR MOUNT FRONT
DIE-CUT 1/8" PLYWOOD MOTOR MOUNT BACK
DIE-CUT 3/32" BALSA FRONT DECK BASE
3/16" X 2" X 3-1/16" PLYWOOD LANDING GEAR PLATE
1/8" DOWEL STRINGERS
DIE-CUT 1/8" BALSA FILLER
2" WHEEL
1/8" WHEEL COLLAR
DIE-CUT 1/8" BALSA FORWARD UPPER FUSE SIDES
DIE-CUT 1/16" BALSA FRONT TOP SHEETING
DIE-CUT 1/8" BALSA FORWARD FUSE SIDES
1/8" X 1/4" BALSA SIDE WINDOW FRAME
COVERING FILM
3/16" X 3/8" BALSA STABILIZER FRAME
3/16" X 3/16" BALSA STABILIZER RIBS
1/8" X 3/8" BALSA PUSHROD EXIT PLATE
GREAT PLANES T-600R MOTOR WITH THE GD-600 GEAR DRIVE
F-1
F-2
F-3
F-4
F-5
F-6
#2 X 3/8" COWL SCREW
VELCRO
1/8" X 3/8" BALSA LONGERON
1/16" X 3" BALSA BOTTOM SHEETING
ALL CROSS-SECTIONS ARE SHOWN FROM THE FRONT
RUBBER BANDS
DIE-CUT 1/8" PLYWOOD CHIN PLATE
3/16" X 3/8" BALSA RUDDER FRAME
3/16" X 3/16" BALSA RUDDER RIBS
3/16" X 3/16" BALSA FIN RIB
3/16" X 3/8" BALSA FIN BASE
DIE-CUT 3/16" BALSA STAB SADDLE
FIN AND RUDDER CROSS SECTION
FIN
RUDDER
SMALL CONTROL HORN
8 X 4 NYLON PROPELLER
CLEAR WIND SCREEN
10-24 X 1-1/4" NYLON WING BOLT
DIE-CUT 1/8" BALSA REAR WING SADDLE
1/8" DOWEL STRINGERS
1/4" X 1/4" X 13" BALSA PUSHROD
DIE-CUT 1/16" BALSA FRONT TOP SHEETING
RUBBER BAND
COWL
S-600 MOTOR
PROP HUB ADAPTOR
PROP ADAPTOR SPINNER
6-32 X 5/8" CAP HEAD SCREW
DIE-CUT 1/8" PLYWOOD MOTOR MOUNT
1/32" PLY COWL SCREW BACKPLATE
1/4" BALSA TRIANGLE FIREWALL REINFORCEMENT
DIE-CUT 1/8" PLYWOOD CHIN PLATE (CP)
#2 X 3/8" SCREW
#2 WASHER
DIE-CUT 1/8" PLYWOOD BATTERY HATCH
1/16" HARD BALSA SPACER (FROM LEFTOVER BALSA) AND 1/32" PLY HATCH PLATE
3/16" X 2" X 3-1/16" PLYWOOD LANDING GEAR PLATE
2" WHEEL
1/8" WHEEL COLLAR
CLEAR BUTYRATE SIDE WINDOW
FCF
DIE-CUT 1/8" PLY SPEED CONTROL TRAY
8.4 VOLT MOTOR BATTERY
1/32" PLY HATCH TAB
LANDING GEAR STRAP
DIE-CUT 1/16" BALSA LANDING GEAR FAIRING
1/32" PLY WING STRUT BACKUP PLATE
DIE-CUT 1/8" PLYWOOD BATTERY BENCH BACK (BB)
DIE-CUT 3/32" BALSA BATTERY BENCH SEAT (BS)
DIE-CUT 1/8" PLYWOOD BATTERY BENCH SUPPORT
1/4" X 1/4" HARDWOOD SERVO RAIL
1/4" X 1/4" BALSA CROSS BRACES
1/16" X 3" BALSA BOTTOM SHEETING
1/8" X 3/8" BALSA LONGERON
1/8" X 3/8" BALSA CROSS BRACES
1/8" X 3/8" BALSA PUSHROD EXIT PLATE
.074 X 12" WIRE PUSHROD
CLEVIS
1/8" X 3/8" BALSA TAILPOST
1/16" WIRE TAILGEAR
3/4" TAIL WHEEL
1/16" WHEEL COLLAR
3/16" X 3/8' X 5/8" HARDWOOD TAILGEAR SUPPORT
2-56 X 3/8" MACHINE SCREW
FUSELAGE LEFT SIDE VIEW
SHOWN WITH THE FUSELAGE LEFT SIDE REMOVED FOR CLARITY
CLEAR BUTYRATE SIDE WINDOW TEMPLATE
0 1 2 3 4 5 6 7 8 9 10 11 12
inch
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FUSE PLAN
PLAN NO: CUB1P04
ELECTRICUB
DESIGNED BY: MARK HAMPE
INSTRUCTIONS BY: MARK HAMPE
PLANS DRAWN BY: MARK HAMPE
GREAT PLANES
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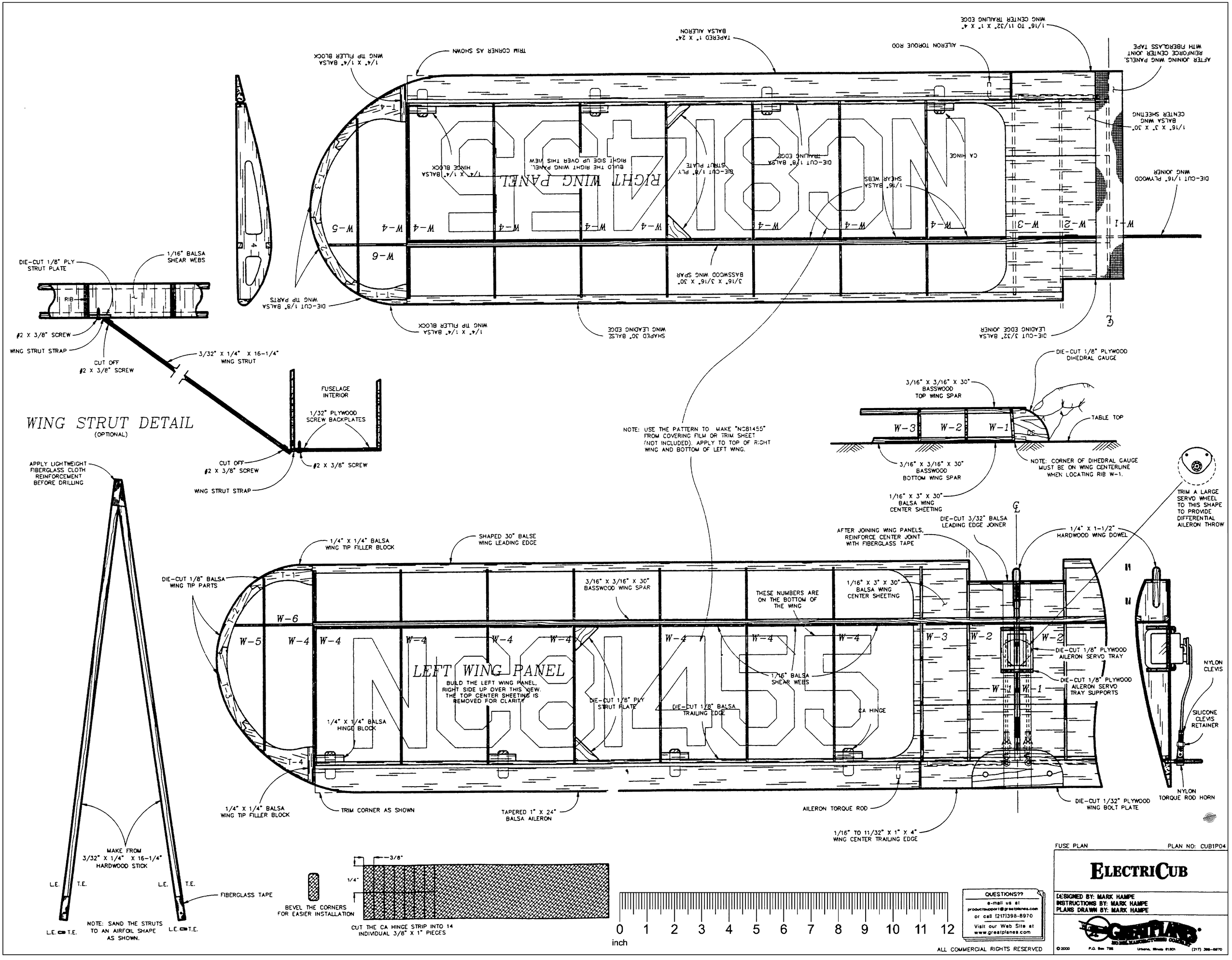
RIGHT WING PANEL
NOT 81455
BUILD THE RIGHT WING PANEL, RIGHT SIDE UP OVER THIS VIEW.
TRIM CORNER AS SHOWN
1/4" X 1/4" BALSA WING TIP FILLER BLOCK
TAPERED 1" X 24" BALSA AILERON
1/16" TO 11/32" X 1" X 4" WING CENTER TRAILING EDGE
AILERON TORQUE ROD
AFTER JOINING WING PANELS, REINFORCE CENTER JOINT WITH FIBERGLASS TAPE
1/16" X 3" X 30" BALSA WING CENTER SHEETING
DIE-CUT 1/16" PLYWOOD WING JOINER
DIE-CUT 3/32" BALSA LEADING EDGE JOINER
3/16" X 3/16" X 30" BASSWOOD WING SPAR
SHAPED 30" BALSE WING LEADING EDGE
1/4" X 1/4" BALSA WING TIP FILLER BLOCK
DIE-CUT 1/8" BALSA WING TIP PARTS
DIE-CUT 1/8" PLY STRUT PLATE
1/16" BALSA SHEAR WEBS
CA HINGE
1/4" X 1/4" BALSA HINGE BLOCK
DIE-CUT 1/8" BALSA TRAILING EDGE
W-1
W-2
W-3
W-4
W-5
W-6
T-1
T-2
T-3
T-4
NOTE: USE THE PATTERN TO MAKE "NC81455" FROM COVERING FILM OR TRIM SHEET (NOT INCLUDED). APPLY TO TOP OF RIGHT WING AND BOTTOM OF LEFT WING.
THESE NUMBERS ARE ON THE BOTTOM OF THE WING
LEFT WING PANEL
BUILD THE LEFT WING PANEL, RIGHT SIDE UP OVER THIS VIEW. THE TOP CENTER SHEETING IS REMOVED FOR CLARITY
DIE-CUT 1/8" PLYWOOD AILERON SERVO TRAY
DIE-CUT 1/8" PLYWOOD AILERON SERVO TRAY SUPPORTS
DIE-CUT 1/32" PLYWOOD WING BOLT PLATE
1/4" X 1-1/2" HARDWOOD WING DOWEL
TRIM A LARGE SERVO WHEEL TO THIS SHAPE TO PROVIDE DIFFERENTIAL AILERON THROW
NYLON CLEVIS
SILICONE CLEVIS RETAINER
NYLON TORQUE ROD HORN
DIE-CUT 1/8" PLYWOOD DIHEDRAL GAUGE
TABLE TOP
NOTE: CORNER OF DIHEDRAL GAUGE MUST BE ON WING CENTERLINE WHEN LOCATING RIB W-1.
WING STRUT DETAIL
(OPTIONAL)
DIE-CUT 1/8" PLY STRUT PLATE
1/16" BALSA SHEAR WEBS
RIB
#2 X 3/8" SCREW
WING STRUT STRAP
CUT OFF #2 X 3/8" SCREW
3/32" X 1/4" X 16-1/4" WING STRUT
FUSELAGE INTERIOR
1/32" PLYWOOD SCREW BACKPLATES
APPLY LIGHTWEIGHT FIBERGLASS CLOTH REINFORCEMENT BEFORE DRILLING
MAKE FROM 3/32" X 1/4" X 16-1/4" HARDWOOD STICK
L.E. T.E.
FIBERGLASS TAPE
NOTE: SAND THE STRUTS TO AN AIRFOIL SHAPE AS SHOWN.
BEVEL THE CORNERS FOR EASIER INSTALLATION
CUT THE CA HINGE STRIP INTO 14 INDIVIDUAL 3/8" X 1" PIECES
3/8"
1/4"
0 1 2 3 4 5 6 7 8 9 10 11 12
inch
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INSTRUCTIONS BY: MARK HAMPE
PLANS DRAWN BY: MARK HAMPE
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