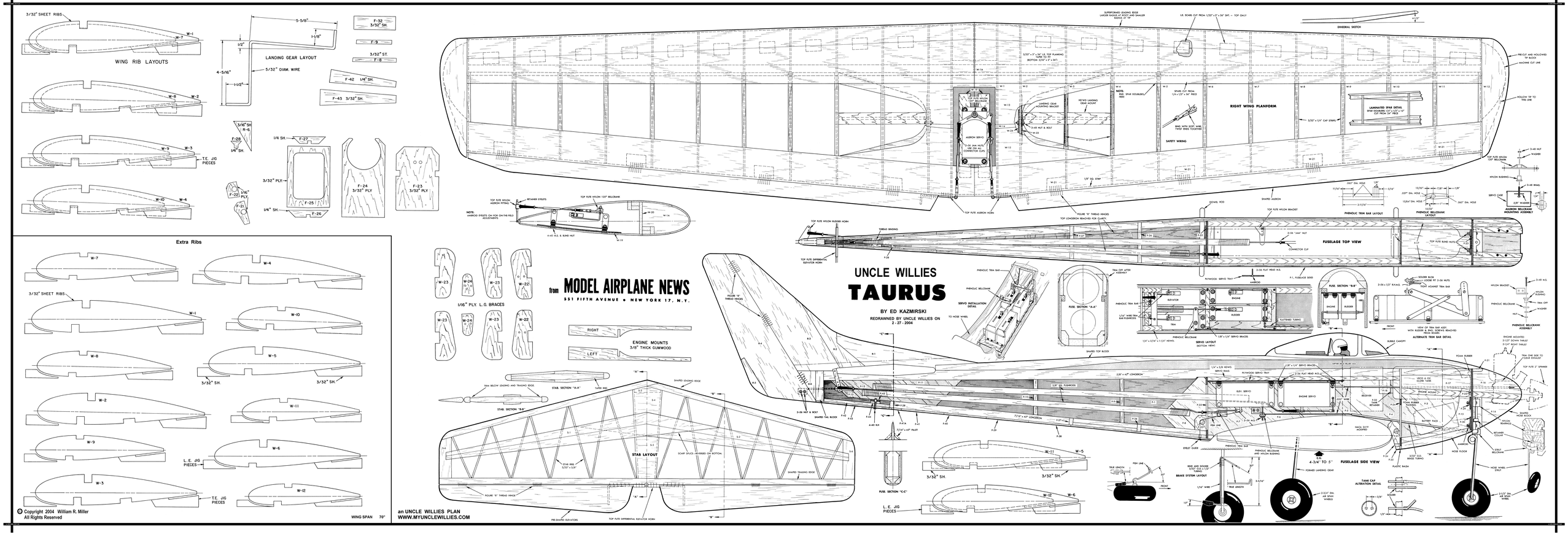
WING RIB LAYOUTS
3/32" SHEET RIBS
W-1
W-7
W-8
W-2
W-9
W-3
T.E. JIG PIECES
W-10
W-4
LANDING GEAR LAYOUT
5-5/8"
1-1/8"
1/2"
4-5/16"
5/32" DIAM. WIRE
1-1/2"
F-32 3/32" SH.
F-9
3/32" ST.
F-8
F-42 1/4" SH.
F-43 3/32" SH.
3/16" SH
R-6
F-28
1/4" SH
1/4 SH.
F-27
3/32" PLY.
F-25
1/4" SH.
F-26
F-24 3/32" PLY
F-23 3/32" PLY
1/16" F-22 PLY
F-21
Extra Ribs
W-7
W-4
3/32" SHEET RIBS
W-1
W-10
W-8
W-5
3/32" SH.
3/32" SH.
W-2
W-11
W-9
W-6
L.E. JIG PIECES
W-3
T.E. JIG PIECES
W-12
WING SPAN 70"
1/16" PLY L.G. BRACES
W-23
W-24
W-23
W-22
W-23
W-24
W-23
W-22
from MODEL AIRPLANE NEWS
551 FIFTH AVENUE • NEW YORK 17, N.Y.
RIGHT
LEFT
ENGINE MOUNTS
3/8" THICK GUMWOOD
TRIM BELOW LEADING AND TRAILING EDGE
STAB. SECTION "A-A"
TAPER RIBS
STAB. SECTION "B-B"
SHAPED LEADING EDGE
STAB LAYOUT
SCARF SPACE—REVERSED ON BOTTOM
SHAPED TRAILING EDGE
FIGURE "8" THREAD HINGE
PRE-SHAPED ELEVATORS
TOP PLYE DIFFERENTIAL ELEVATOR HORN
SUPERFORMED LEADING EDGE LARGER RADIUS AT ROOT AND SMALLER RADIUS AT TIP
L.E. SCARS CUT FROM 1/32" x 3" x 36" SHT. — TOP ONLY
DIHEDRAL SKETCH
1/16" x 3" x 36" L.E. TOP PLANKING BOTTOM 3/32" x 3" x 36"
TOP PLYE WYLON 120° BELLCRANK
ASBRON SERVO
2-56 JAM. NUTS USE ON ALL CONNECTOR CLIPS
LANDING GEAR MOUNTING BRACKET
REFWD LANDING GEAR MOUNT
NOTE: END SPAR DOUBLERS HERE
SPARS CUT FROM 1/4 x 1/2" x 36" PIECE
BAND WITH SOFT WIRE TWIST BWEE TOGETHER
SAFETY WIRING
RIGHT WING PLANFORM
3/32" x 1/4" CAP STRIPS
LAMINATED SPAR DETAIL
SPAR DOUBLERS 1/4" x 1/2" x 18" CUT FROM 24" PIECE
PRE-CUT AND HOLLOWED TIP BLOCK
MACHINE CUT LINE
HOLLOW TIP TO THIS LINE
1/8" SQ. STRIP
TOP PLYE ASBRON HORN
FIGURE "8" THREAD HINGES
TOP LONGERON REACHED FOR CLARITY
DOWEL ROD
SHAPED ASBRON
TOP PLYE WYLON BRACKET
TOP PLYE WYLON RUDDER HORN
THREAD BINDING
TOP PLYE DIFFERENTIAL ELEVATOR HORN
FUSELAGE TOP VIEW
2-56 "JAM" NUT
CONNECTOR CLIP
TOP PLYE BLIND NUTS
PHENOLIC TRIM BAR LAYOUT
PHENOLIC BELLCRANK LAYOUT
ASBRON BELLCRANK MOUNTING ASSEMBLY
3-48 NUT
WASHER
WYLON BUSHING
3-48 BNHL
SERVO CASE
1/8" WASHER
TOP PLYE WYLON 120° BELLCRANK
RETAINER EYELETS
NOTE: ASBRON EYELETS ON FOR ON-THE-FIELD ADJUSTMENTS
4-40 H.S. & BLIND NUT
W-19
W-20
W-14
UNCLE WILLIES
TAURUS
BY ED KAZMIRSKI
REDRAWNED BY UNCLE WILLIES ON 2-27-2004
SERVO INSTALLATION DETAIL
PHENOLIC TRIM BAR
PHENOLIC BELLCRANK
TO NOSE WHEEL
FUSE. SECTION "A-A"
TRIM OFF AFTER ASSEMBLY
SHAPED TOP BLOCK
PLYWOOD SERVO TRAY
2-56 FLAT HEAD H.S.
F.I. FUSELAGE SIDES
ASBRON
PHENOLIC TRIM BAR
1/16" WIRE TRIM BAR PUSHRODS
ELEVATOR
TRIM
ENGINE
RUDDER
FLATWOOD TURNING
PHENOLIC BELLCRANK
1/8" x 1/4" SERVO BRACKETS
1/4" x 1/16" x 1 1/2" HEWD.
SERVO LAYOUT (BOTTOM VIEW)
FUSE. SECTION "B-B"
ENGINE
RUDDER
2-56 x 1/2" B.H.M.S.
SQUEEZE BLOCK CUT FROM 1/2" 2-56 NUTS TIGHT AGAINST TRIM BAR
FRONT
VIEW OF TRIM BAR ASSY. WITH RUDDER & ENG. SCREWS REMOVED FROM BOARD
ALTERNATE TRIM BAR DETAIL
WYLON BRACKET
WYLON BUSHING
PHENOLIC BELLCRANK
TRIM OFF
3-48 H.S.
HOT
PHENOLIC BELLCRANK ASSEMBLY
ENGINE MOUNTING 2-1/2" BOTTOM THRUST 2-1/2" BOTTOM THRUST
TRIM ONE SIDE TO STEAM EXHAUST
TOP PLYE 2" SPRINGS
BUBBLE CANOPY
FOAM RUBBER
1/8" x 1/8 HEWD SERVO RAILS
1/8" x 1/4" SERVO BRACES
2-56 FLAT HEAD H.S.
PLYWOOD SERVO TRAY
1/4" x 40" LONGERON
1/8" SQ. FUSHRODS
7/16" x 40" LONGERON
ELEV. SERVO
ENGINE SERVO
RECEIVER
VECO 4 OZ. CLUNK TANK
ENGINE MOUNT
FOAM RUBBER TRAY SUPPORT
BATTERY PACK
NACA 2415 MODIFIED
FISH LINE
EYELET GUIDE
PHENOLIC TRIM BAR
PHENOLIC BELLCRANK AND WYLON BUSHING
SHAPED NOSE BLOCK
WYLON BEARINGS
RETAINER COLLAR
3 STRUT BELLCRANK
NOSE WHEEL STRUT
NOSE FLOOR
3/32" DIA. BRASS TUBING
PLASTIC BASSA
4-3/4" TO 5"
FUSELAGE SIDE VIEW
FORWED LANDING GEAR
3-3/4" DIA. AIR SPAN WHEELS
3-1/2" DIA. AIR SPAN WHEEL
TANK CAP ALTERATION DETAIL
BRAKE SYSTEM LAYOUT
BAND AND SOLDER 1/8" x 1/8" x 1/8" TUBING
1/16" WIRE
TRUE LENGTH
FISH LINE
FRONT
FUSE. SECTION "C-C"
L.E. JIG PIECES
3/32" SH.
3/32" SH.
W-11
W-5
W-12
W-6
STAB. SECTION "B-B"
2-56 NUT & BOLT
SHAPED TAIL BLOCK
F-41
F-40
F-39
F-38
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F-3
F-2
F-1
F-41A
F-41B
4-40 B.H.
7/16" x 40" PILOT
S-1
S-2
S-3
S-4
S-5
S-6
S-7
S-8
"A"
"B"
"C"
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