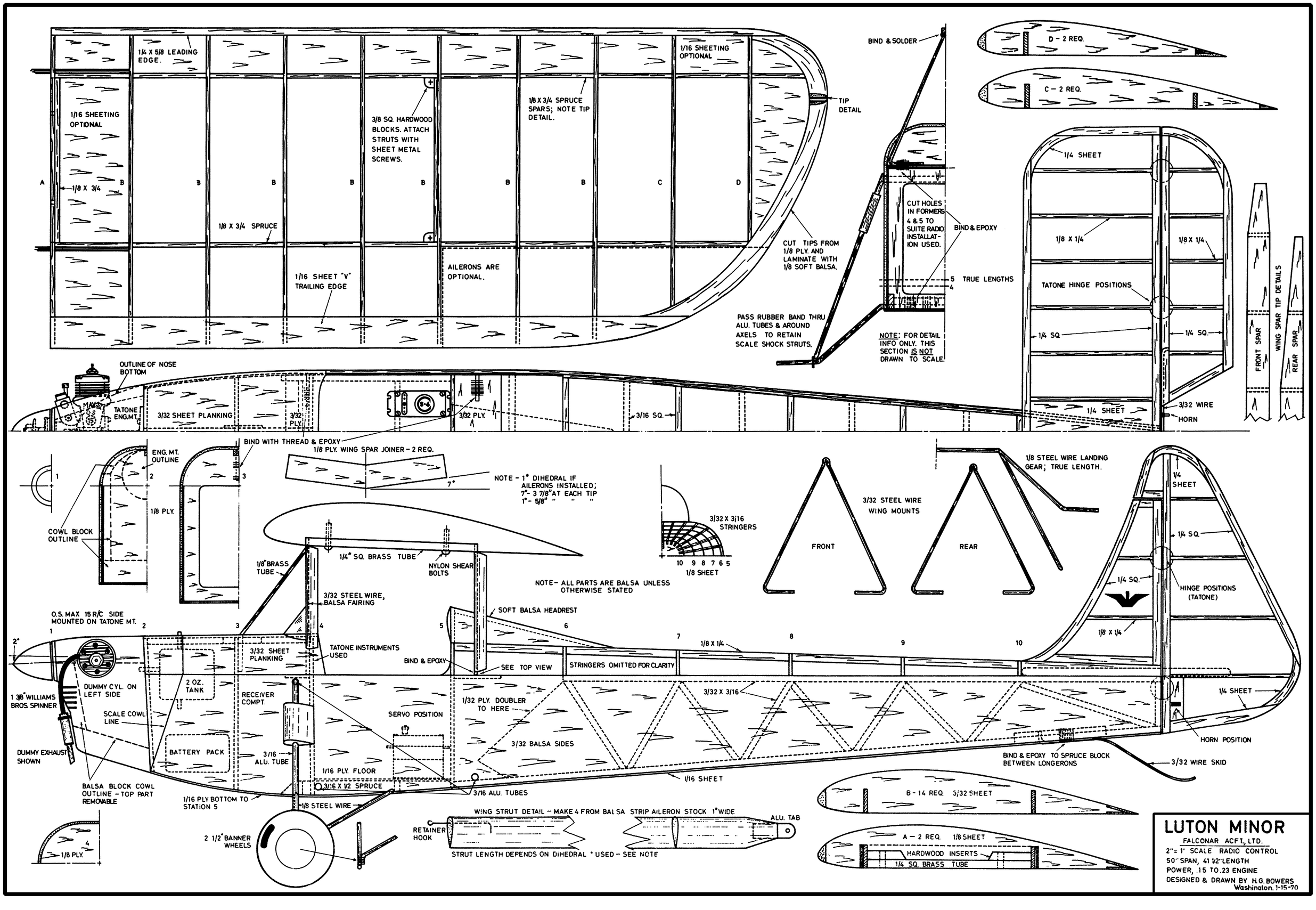
1/4 X 5/8 LEADING EDGE.
1/16 SHEETING OPTIONAL
1/16 SHEETING OPTIONAL
3/8 SQ. HARDWOOD BLOCKS. ATTACH STRUTS WITH SHEET METAL SCREWS.
1/8 X 3/4 SPRUCE SPARS; NOTE TIP DETAIL.
TIP DETAIL
A
B
B
B
B
B
B
B
B
C
D
1/8 X 3/4
1/8 X 3/4 SPRUCE
1/16 SHEET "V" TRAILING EDGE
AILERONS ARE OPTIONAL.
CUT TIPS FROM 1/8 PLY. AND LAMINATE WITH 1/8 SOFT BALSA.
BIND & SOLDER
CUT HOLES IN FORMERS 4 & 5 TO SUITE RADIO INSTALLATION USED.
BIND & EPOXY
5
4
TRUE LENGTHS
PASS RUBBER BAND THRU ALU. TUBES & AROUND AXELS TO RETAIN SCALE SHOCK STRUTS.
NOTE: FOR DETAIL INFO ONLY. THIS SECTION IS NOT DRAWN TO SCALE.
D - 2 REQ.
C - 2 REQ.
1/4 SHEET
1/8 X 1/4
1/8 X 1/4
TATONE HINGE POSITIONS
1/4 SQ.
1/4 SQ.
1/4 SHEET
3/32 WIRE HORN
FRONT SPAR
REAR SPAR
WING SPAR TIP DETAILS
OUTLINE OF NOSE BOTTOM
MAX 32
TATONE ENG.MT.
3/32 SHEET PLANKING
3/32 PLY.
3/32 PLY.
3/16 SQ.
BIND WITH THREAD & EPOXY
1/8 PLY. WING SPAR JOINER - 2 REQ.
ENG. MT. OUTLINE
1
2
3
1/8 PLY.
COWL BLOCK OUTLINE
7°
NOTE - 1° DIHEDRAL IF AILERONS INSTALLED; 7°- 3 7/8" AT EACH TIP 1°- 5/8" " " "
3/32 X 3/16 STRINGERS
10 9 8 7 6 5
1/8 SHEET
3/32 STEEL WIRE WING MOUNTS
FRONT
REAR
1/8 STEEL WIRE LANDING GEAR; TRUE LENGTH.
1/4 SHEET
1/4 SQ.
1/4 SQ.
HINGE POSITIONS (TATONE)
1/8 X 1/4
1/8" BRASS TUBE
1/4" SQ. BRASS TUBE
NYLON SHEAR BOLTS
NOTE- ALL PARTS ARE BALSA UNLESS OTHERWISE STATED
3/32 STEEL WIRE, BALSA FAIRING
SOFT BALSA HEADREST
O.S. MAX 15 R/C SIDE MOUNTED ON TATONE MT.
2°
1
2
3
4
5
6
7
8
9
10
1/8 X 1/4
3/32 SHEET PLANKING
TATONE INSTRUMENTS USED
BIND & EPOXY
SEE TOP VIEW
STRINGERS OMITTED FOR CLARITY
1 3/8" WILLIAMS BROS. SPINNER
DUMMY CYL. ON LEFT SIDE
2 OZ. TANK
RECEIVER COMPT.
SCALE COWL LINE
SERVO POSITION
1/32 PLY. DOUBLER TO HERE
3/32 X 3/16
1/4 SHEET
DUMMY EXHAUST SHOWN
BATTERY PACK
3/16 ALU. TUBE
3/32 BALSA SIDES
HORN POSITION
BIND & EPOXY TO SPRUCE BLOCK BETWEEN LONGERONS
3/32 WIRE SKID
1/16 PLY. FLOOR
1/16 SHEET
BALSA BLOCK COWL OUTLINE - TOP PART REMOVABLE
3/16 X 1/2 SPRUCE
3/16 ALU. TUBES
1/16 PLY BOTTOM TO STATION 5
1/8 STEEL WIRE
2 1/2" BANNER WHEELS
4
1/8 PLY.
WING STRUT DETAIL - MAKE 4 FROM BALSA STRIP AILERON STOCK 1" WIDE
RETAINER HOOK
ALU. TAB
STRUT LENGTH DEPENDS ON DIHEDRAL * USED - SEE NOTE
B - 14 REQ. 3/32 SHEET
A - 2 REQ. 1/8 SHEET
HARDWOOD INSERTS
1/4 SQ. BRASS TUBE
LUTON MINOR
FALCONAR ACFT., LTD.
2" = 1' SCALE RADIO CONTROL
50" SPAN, 41 1/2" LENGTH
POWER, .15 TO .23 ENGINE
DESIGNED & DRAWN BY H.G. BOWERS
Washington. 1-15-70