

A 49-1/2" WINGSPAN, SEMI SCALE SPORT MODEL

**SULTAN**  
Designed by  
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**The Aeromodeller Plans Service**  
38 CLARENDON RD. WATFORD HERTS

ALL WOODS UNLESS OTHERWISE STATED ARE BALSA

**- DATA -**

SPAN	49 - 1/2 INS.
WING AREA	300 SQ. INS.
TAIL AREA	100 SQ. INS.
LENGTH O/A	33 - 1/2 INS.
WEIGHT	20 OZS.
POWER	1 - 1.5 CC.

**STRIP BALSA 3' LONG**  
2 STRIPS OF 1/16" x 3/16" HARD  
2 STRIPS OF 3/32" x 1/8" MED.  
5 STRIPS OF 1/8" x 1/16" MED.  
4 STRIPS OF 1/8" x 1/4" HARD  
1 STRIP OF 1/8" x 3/8" MED.  
2 STRIPS OF 3/16" x 3/16" MED.  
3 STRIPS OF 3/16" x 3/16" HARD  
2 STRIPS OF 1/16" x 1/8" HARD

**SHEET BALSA 3' LONG**  
4 SHEETS OF 1/32" x 3" MED.  
1 SHEET OF 1/16" x 3" SOFT  
2 SHEETS OF 1/16" x 3" HARD  
1 SHEET OF 3/32" x 3" HARD  
7 SHEETS OF 3/32" x 3" MED.  
1 SHEET OF 1/8" x 3" MED.  
1 SHEET OF 3/16" x 3" MED.  
1 SHEET OF 1/4" x 2" MED.

**- MATERIALS REQUIRED -**

**BLOCK BALSA**  
1 PIECE 2-1/2" x 2" x 3-1/2" MED.  
1 PIECE 2-1/2" x 1-1/2" x 1/2" SOFT  
MISCELLANEOUS  
1 PIECE OF PLY 18" x 12" x 1MM  
5' OF 3/8" x 3/8" HARDWOOD  
3/16" DOWEL, 3/32" DOWEL  
7' OF 14 SWG BRASS TUBING  
SMALL PIECE OF TINPLATE

5' OF 14 SWG PIANO WIRE  
12' OF 18 SWG PIANO WIRE  
2 OF 3/8" BRASS WOODSCREWS  
WIRE GAUZE  
PAIR OF 2-1/4" AIRWHEELS  
COPPER WIRE  
PLASTIC TUBING  
SMALL DRESS CLIP  
NUTS, BOLTS AND WASHERS

