A 40" SPAN RADIO CONTROL MODEL

SPARKY

Designed by

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The Aeromodeller Plans Service

THE AERODROME, STANBRIDGE, NR. LEIGHTON BUAAZRD, BEDS

All wood balsa unless otherwise stated

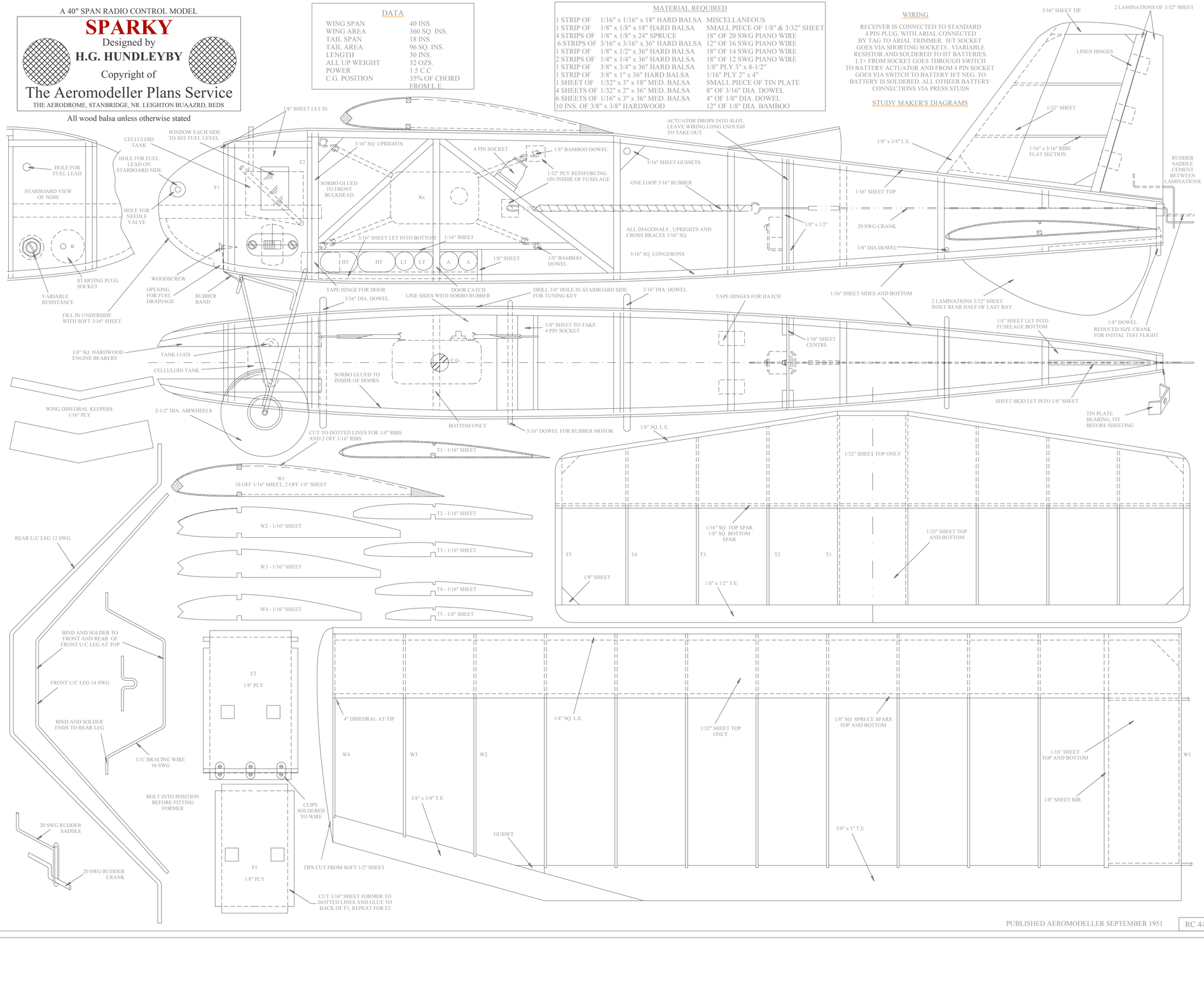
DATA

WING SPAN	40 INS.
WING AREA	360 SQ. INS.
TAIL SPAN	18 INS.
TAIL AREA	96 SQ. INS.
LENGTH	30 INS.
ALL UP WEIGHT	32 OZS.
POWER	1.5 C.C.
C.G. POSITION	35% OF CHORD FROM L.E.

MATERIAL REQUIRED

1 STRIP OF 1/16" x 1/16" x 18" HARD BALSA	MISCELLANEOUS
1 STRIP OF 1/8" x 1/8" x 18" HARD BALSA	SMALL PIECE OF 1/8" & 3/32" SHEET
4 STRIPS OF 1/8" x 1/8" x 24" SPRUCE	18" OF 20 SWG PIANO WIRE
6 STRIPS OF 3/16" x 3/16" x 36" HARD BALSA	12" OF 16 SWG PIANO WIRE
1 STRIP OF 1/8" x 1/2" x 36" HARD BALSA	18" OF 14 SWG PIANO WIRE
2 STRIPS OF 1/4" x 1/4" x 36" HARD BALSA	18" OF 12 SWG PIANO WIRE
1 STRIP OF 3/8" x 3/4" x 36" HARD BALSA	1/8" PLY 3" x 8-1/2"
1 STRIP OF 3/8" x 1" x 36" HARD BALSA	1/16" PLY 2" x 4"
1 SHEET OF 1/32" x 3" x 18" MED. BALSA	SMALL PIECE OF TIN PLATE
4 SHEETS OF 1/32" x 2" x 36" MED. BALSA	8" OF 3/16" DIA. DOWEL
6 SHEETS OF 1/16" x 3" x 36" MED. BALSA	4" OF 1/8" DIA. DOWEL
10 INS. OF 3/8" x 3/8" HARDWOOD	12" OF 1/8" DIA. BAMBOO

WIRING

RECEIVER IS CONNECTED TO STANDARD 4 PIN PLUG, WITH ARIAL CONNECTED BY TAG TO ARIAL TRIMMER. H/T SOCKET GOES VIA SHORTING SOCKETS , VIARIABLE RESISTOR AND SOLDERED TO HT BATTERIES. LT+ FROM SOCKET GOES THROUGH SWITCH TO BATTERY ACTUATOR AND FROM 4 PIN SOCKET GOES VIA SWITCH TO BATTERY H/T NEG. TO BATTERY IS SOLDERED. ALL OTHEER BATTERY CONNECTIONS VIA PRESS STUDS

STUDY MAKER'S DIAGRAMS