

A 36" WINGSPAN DURATION POWER MODEL

SNORKY

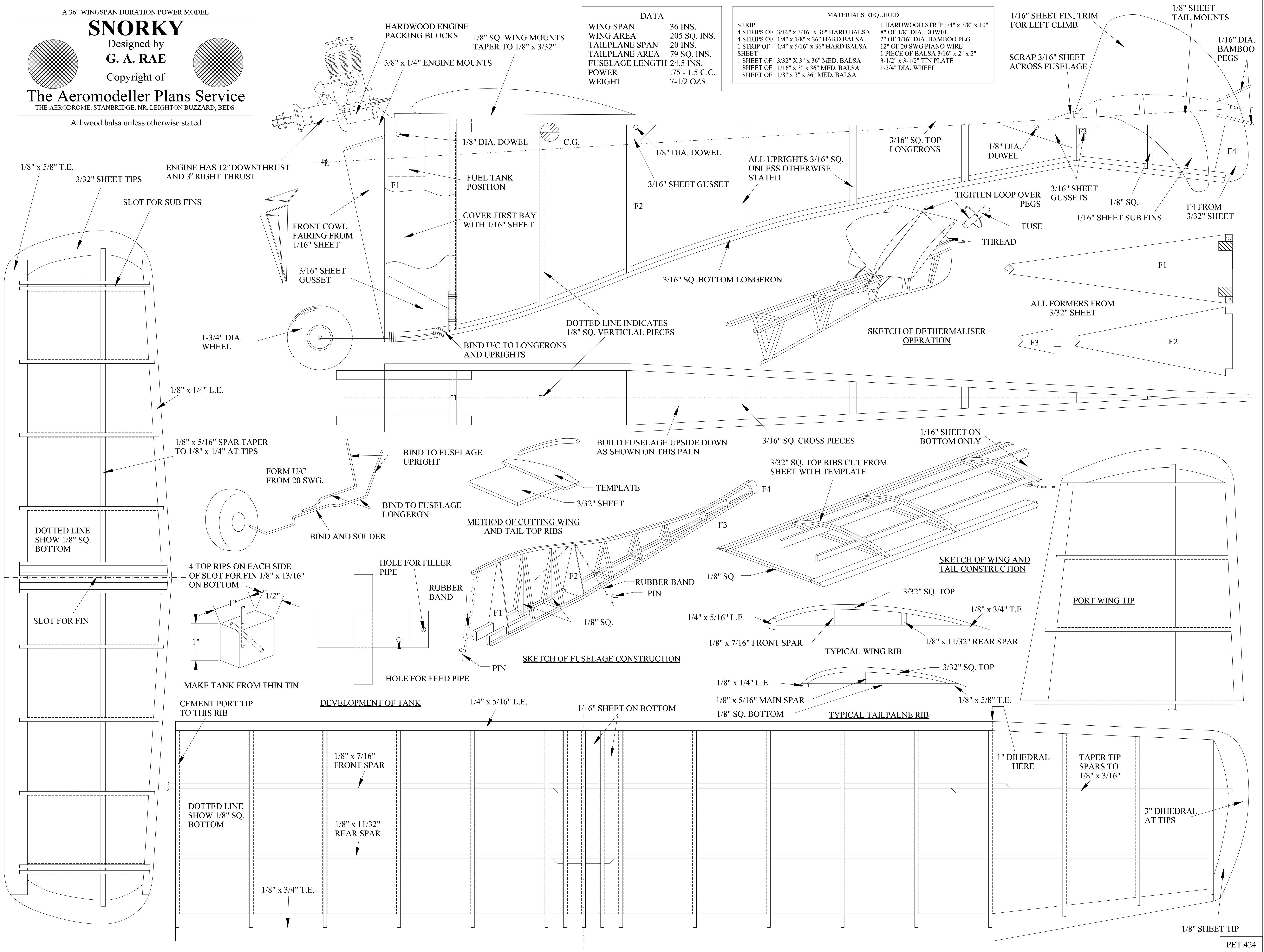
Designed by
G. A. RAE
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The Aeromodeller Plans Service
THE AERODROME, STANBRIDGE, NR. LEIGHTON BUZZARD, BEDS

All wood balsa unless otherwise stated

DATA	
WING SPAN	36 INS.
WING AREA	205 SQ. INS.
TAILPLANE SPAN	20 INS.
TAILPLANE AREA	79 SQ. INS.
FUSELAGE LENGTH	24.5 INS.
POWER	.75 - 1.5 C.C.
WEIGHT	7-1/2 OZS.

MATERIALS REQUIRED	
STRIP	1 HARDWOOD STRIP 1/4" x 3/8" x 10"
4 STRIPS OF 3/16" x 3/16" x 36" HARD Balsa	8" OF 1/8" DIA. DOWEL
4 STRIPS OF 1/8" x 1/8" x 36" HARD Balsa	2" OF 1/16" DIA. BAMBOO PEG
1 STRIP OF 1/4" x 5/16" x 36" HARD Balsa	12" OF 20 SWG PIANO WIRE
1 SHEET OF 3/32" X 3" x 36" MED. Balsa	1 PIECE OF Balsa 3/16" x 2" x 2"
1 SHEET OF 1/16" x 3" x 36" MED. Balsa	3-1/2" x 3-1/2" TIN PLATE
1 SHEET OF 1/8" x 3" x 36" MED. Balsa	1-3/4" DIA. WHEEL



1/8" x 5/8" T.E.
3/32" SHEET TIPS

SLOT FOR SUB FINS

ENGINE HAS 12° DOWNTHRUST AND 3° RIGHT THRUST

FRONT COWL FAIRING FROM 1/16" SHEET

3/16" SHEET GUSSET

1-3/4" DIA. WHEEL

1/8" x 1/4" L.E.

1/8" x 5/16" SPAR TAPER TO 1/8" x 1/4" AT TIPS

DOTTED LINE SHOW 1/8" SQ. BOTTOM

SLOT FOR FIN

4 TOP RIPS ON EACH SIDE OF SLOT FOR FIN 1/8" x 13/16" ON BOTTOM

MAKE TANK FROM THIN TIN

CEMENT PORT TIP TO THIS RIB

DOTTED LINE SHOW 1/8" SQ. BOTTOM

1/8" x 3/4" T.E.

HARDWOOD ENGINE PACKING BLOCKS
1/8" SQ. WING MOUNTS TAPER TO 1/8" x 3/32"

3/8" x 1/4" ENGINE MOUNTS

1/8" DIA. DOWEL

C.G.

F1

FUEL TANK POSITION

COVER FIRST BAY WITH 1/16" SHEET

DOTTED LINE INDICATES 1/8" SQ. VERTICAL PIECES

BIND U/C TO LONGERONS AND UPRIGHTS

1/8" DIA. DOWEL

F2

3/16" SHEET GUSSET

3/16" SQ. BOTTOM LONGERON

ALL UPRIGHTS 3/16" SQ. UNLESS OTHERWISE STATED

3/16" SQ. TOP LONGERONS

1/8" DIA. DOWEL

3/16" SHEET GUSSETS

1/16" SHEET SUB FINS

1/8" SQ.

1/8" SHEET TAIL MOUNTS

1/16" SHEET FIN, TRIM FOR LEFT CLIMB

SCRAP 3/16" SHEET ACROSS FUSELAGE

1/16" DIA. BAMBOO PEGS

TIGHTEN LOOP OVER PEGS

FUSE

THREAD

F4

F4 FROM 3/32" SHEET

ALL FORMERS FROM 3/32" SHEET

F3

F1

F2

SKETCH OF DETHERMALISER OPERATION

BIND TO FUSELAGE UPRIGHT

BIND TO FUSELAGE LONGERON

BIND AND SOLDER

METHOD OF CUTTING WING AND TAIL TOP RIBS

TEMPLATE

3/32" SHEET

F4

F2

F1

SKETCH OF FUSELAGE CONSTRUCTION

1/4" x 5/16" L.E.

1/16" SHEET ON BOTTOM

1/8" x 7/16" FRONT SPAR

1/8" x 7/16" FRONT SPAR

1/8" x 11/32" REAR SPAR

1/8" x 11/32" REAR SPAR

1/4" x 5/16" L.E.

1/8" x 3/4" T.E.

1/8" SQ. BOTTOM

1/8" x 5/16" MAIN SPAR

1/8" x 5/8" T.E.

1/8" SQ. BOTTOM

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