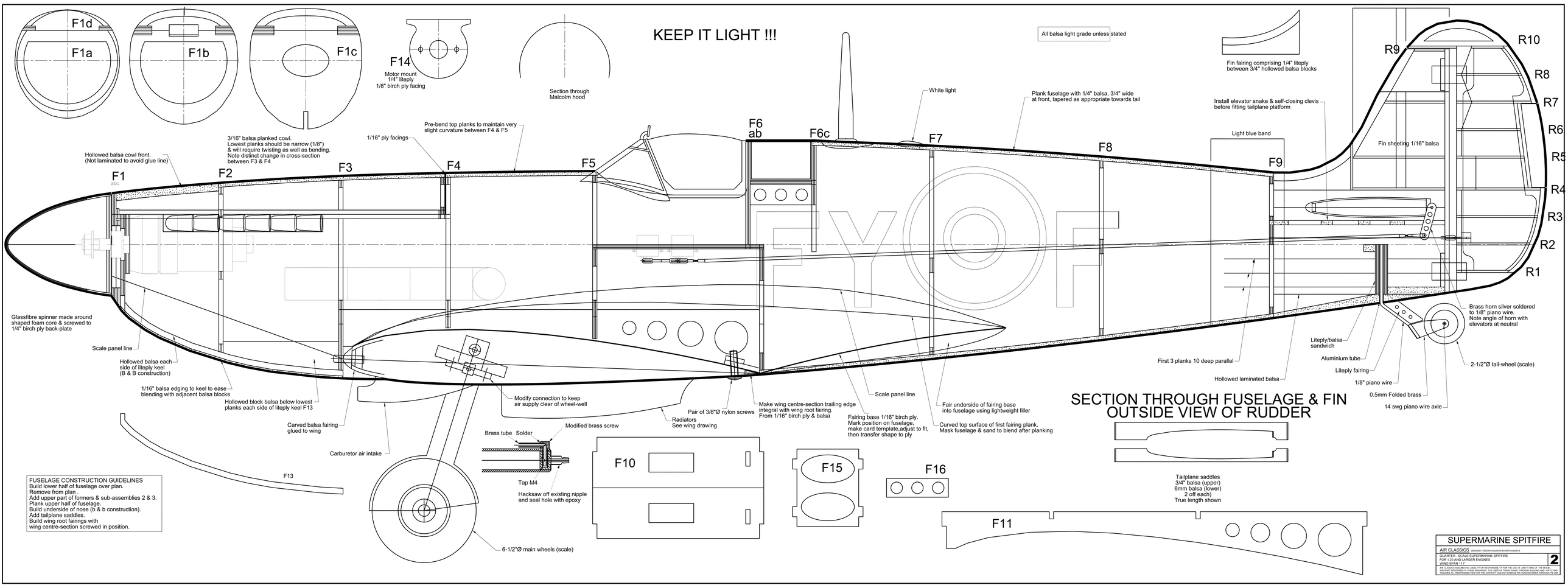
KEEP IT LIGHT !!!
All balsa light grade unless stated
F1d
F1a
F1b
F1c
F14
Motor mount
1/4" liteply
1/8" birch ply facing
Section through
Malcolm hood
Fin fairing comprising 1/4" liteply
between 3/4" hollowed balsa blocks
White light
Plank fuselage with 1/4" balsa, 3/4" wide
at front, tapered as appropriate towards tail
Install elevator snake & self-closing clevis
before fitting tailplane platform
Light blue band
Fin sheeting 1/16" balsa
Pre-bend top planks to maintain very
slight curvature between F4 & F5
1/16" ply facings
3/16" balsa planked cowl.
Lowest planks should be narrow (1/8")
& will require twisting as well as bending.
Note distinct change in cross-section
between F3 & F4
Hollowed balsa cowl front.
(Not laminated to avoid glue line)
F1
abc
F2
F3
F4
F5
F6
ab
F6c
F7
F8
F9
R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
Glassfibre spinner made around
shaped foam core & screwed to
1/4" birch ply back-plate
Scale panel line
Hollowed balsa each
side of liteply keel
(B & B construction)
1/16" balsa edging to keel to ease
blending with adjacent balsa blocks
Hollowed block balsa below lowest
planks each side of liteply keel F13
Carved balsa fairing
glued to wing
Carburetor air intake
F13
Modify connection to keep
air supply clear of wheel-well
Pair of 3/8"Ø nylon screws
Radiators
See wing drawing
Make wing centre-section trailing edge
integral with wing root fairing.
From 1/16" birch ply & balsa
Scale panel line
Fairing base 1/16" birch ply.
Mark position on fuselage,
make card template,adjust to fit,
then transfer shape to ply
Fair underside of fairing base
into fuselage using lightweight filler
Curved top surface of first fairing plank.
Mask fuselage & sand to blend after planking
Brass horn silver soldered
to 1/8" piano wire.
Note angle of horn with
elevators at neutral
Liteply/balsa
sandwich
Aluminium tube
Liteply fairing
1/8" piano wire
0.5mm Folded brass
14 swg piano wire axle
2-1/2"Ø tail-wheel (scale)
First 3 planks 10 deep parallel
Hollowed laminated balsa
Brass tube
Solder
Modified brass screw
Tap M4
Hacksaw off existing nipple
and seal hole with epoxy
6-1/2"Ø main wheels (scale)
F10
F15
F16
F11
SECTION THROUGH FUSELAGE & FIN
OUTSIDE VIEW OF RUDDER
Tailplane saddles
3/4" balsa (upper)
6mm balsa (lower)
2 off each)
True length shown
FUSELAGE CONSTRUCTION GUIDELINES
Build lower half of fuselage over plan.
Remove from plan .
Add upper part of formers & sub-assemblies 2 & 3.
Plank upper half of fuselage.
Build underside of nose (b & b construction).
Add tailplane saddles.
Build wing root fairings with
wing centre-section screwed in position.
SUPERMARINE SPITFIRE
AIR CLASSICS
QUARTER - SCALE SUPERMARINE SPITFIRE
FOR 1-20 AND LARGER ENGINES
WING SPAN 111"
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