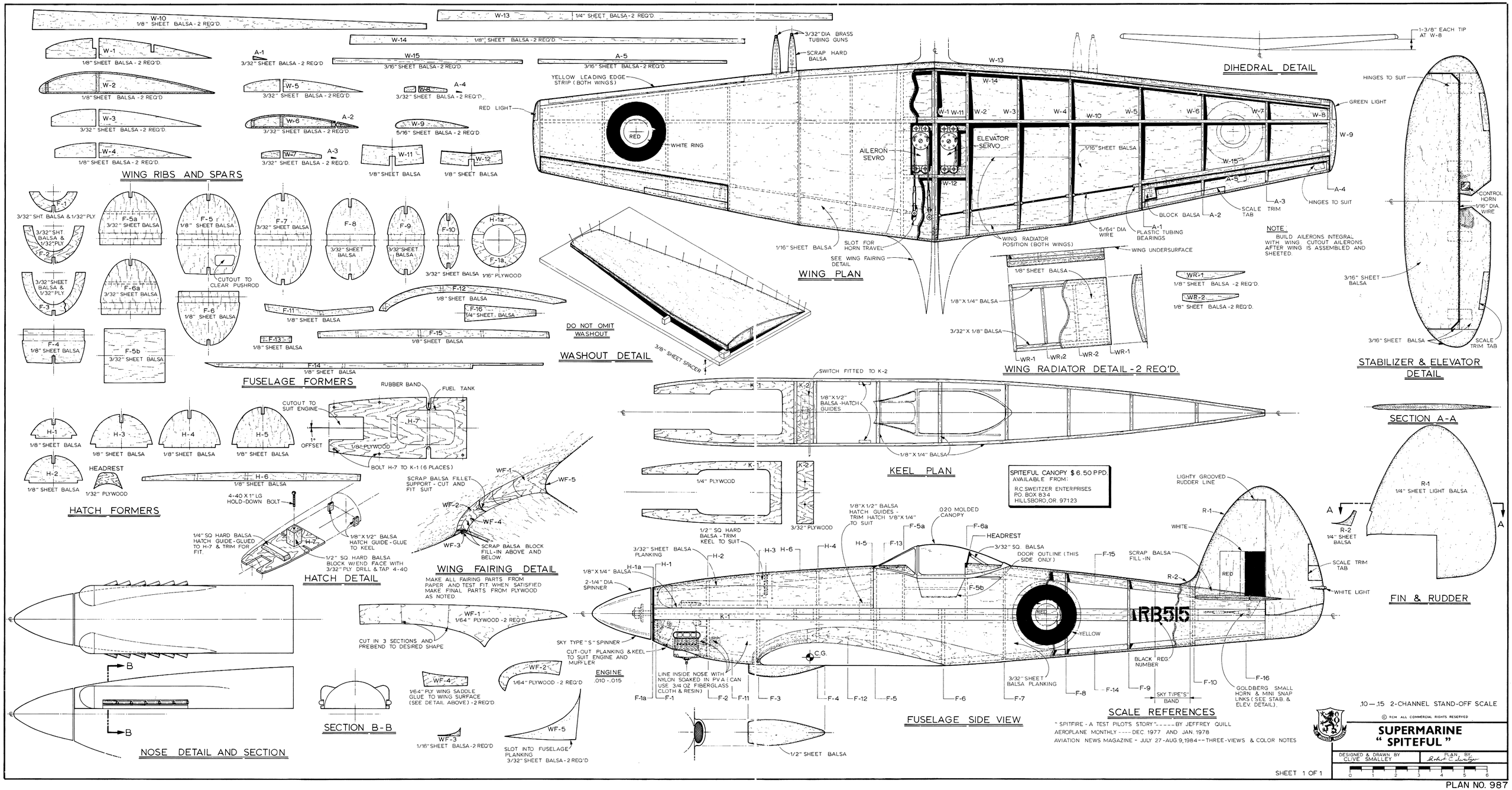
W-10 1/8" SHEET BALSA - 2 REQ'D.
W-13 1/4" SHEET BALSA - 2 REQ'D.
W-14 1/8" SHEET BALSA - 2 REQ'D.
W-1 1/8" SHEET BALSA - 2 REQ'D.
A-1 3/32" SHEET BALSA - 2 REQ'D.
W-15 3/16" SHEET BALSA - 2 REQ'D.
A-5 3/16" SHEET BALSA - 2 REQ'D.
W-2 1/8" SHEET BALSA - 2 REQ'D.
W-5 3/32" SHEET BALSA - 2 REQ'D.
W-8 A-4 3/32" SHEET BALSA - 2 REQ'D.
W-3 3/32" SHEET BALSA - 2 REQ'D.
W-6 A-2 3/32" SHEET BALSA - 2 REQ'D.
W-9 5/16" SHEET BALSA - 2 REQ'D.
W-4 1/8" SHEET BALSA - 2 REQ'D.
W-7 A-3 3/32" SHEET BALSA - 2 REQ'D.
W-11 1/8" SHEET BALSA
W-12 1/8" SHEET BALSA
WING RIBS AND SPARS
F-1 3/32" SHT. BALSA & 1/32" PLY
3/32" SHT BALSA & 1/32" PLY F-2
3/32" SHEET BALSA & 1/32" PLY F-3
F-4 1/8" SHEET BALSA
F-5a 3/32" SHEET BALSA
F-6a 3/32" SHEET BALSA
F-5b 3/32" SHEET BALSA
F-5 1/8" SHEET BALSA
CUTOUT TO CLEAR PUSHROD
F-6 1/8" SHEET BALSA
F-7 3/32" SHEET BALSA
F-8 3/32" SHEET BALSA
F-9 3/32" SHEET BALSA
F-10 3/32" SHEET BALSA
H-1a F-1a 1/16" PLYWOOD
F-11 1/8" SHEET BALSA
F-12 1/8" SHEET BALSA
F-16 1/4" SHEET BALSA
F-13 1/8" SHEET BALSA
F-15 1/8" SHEET BALSA
F-14 1/8" SHEET BALSA
FUSELAGE FORMERS
3/32" DIA BRASS TUBING GUNS
SCRAP HARD BALSA
YELLOW LEADING EDGE STRIP (BOTH WINGS)
RED LIGHT
RED
WHITE RING
AILERON SEVRO
ELEVATOR SERVO
1/16" SHEET BALSA
SLOT FOR HORN TRAVEL
SEE WING FAIRING DETAIL
WING RADIATOR POSITION (BOTH WINGS)
5/64" DIA WIRE
PLASTIC TUBING BEARINGS
WING UNDERSURFACE
BLOCK BALSA
SCALE TRIM TAB
HINGES TO SUIT
GREEN LIGHT
WING PLAN
1-3/8" EACH TIP AT W-8
DIHEDRAL DETAIL
NOTE:
BUILD AILERONS INTEGRAL WITH WING. CUTOUT AILERONS AFTER WING IS ASSEMBLED AND SHEETED.
DO NOT OMIT WASHOUT
3/8" SHEET SPACER
WASHOUT DETAIL
1/8" SHEET BALSA
1/8" X 1/4" BALSA
3/32" X 1/8" BALSA
WR-1 WR-2
WR-1 1/8" SHEET BALSA - 2 REQ'D.
WR-2 1/8" SHEET BALSA - 2 REQ'D.
WING RADIATOR DETAIL - 2 REQ'D.
HINGES TO SUIT
CONTROL HORN
1/16" DIA WIRE
3/16" SHEET BALSA
SCALE TRIM TAB
STABILIZER & ELEVATOR DETAIL
SWITCH FITTED TO K-2
1/8" X 1/2" BALSA-HATCH GUIDES
1/8" X 1/4" BALSA
KEEL PLAN
1/4" PLYWOOD
3/32" PLYWOOD
SPITEFUL CANOPY $6.50 PPD.
AVAILABLE FROM:
R.C. SWEITZER ENTERPRISES
PO. BOX 834
HILLSBORO, OR. 97123
SECTION A-A
R-1 1/4" SHEET LIGHT BALSA
R-2 1/4" SHEET BALSA
SCALE TRIM TAB
WHITE LIGHT
FIN & RUDDER
RUBBER BAND
FUEL TANK
CUTOUT TO SUIT ENGINE
H-7
1" OFFSET
1/8" PLYWOOD
BOLT H-7 TO K-1 (6 PLACES)
H-1 1/8" SHEET BALSA
H-3 1/8" SHEET BALSA
H-4 1/8" SHEET BALSA
H-5 1/8" SHEET BALSA
H-2 1/8" SHEET BALSA
HEADREST 1/32" PLYWOOD
H-6 1/8" SHEET BALSA
HATCH FORMERS
4-40 X 1" LG HOLD-DOWN BOLT
1/4" SQ HARD BALSA HATCH GUIDE-GLUED TO H-7 & TRIM FOR FIT.
1/8" X 1/2" BALSA HATCH GUIDE-GLUE TO KEEL
1/2" SQ HARD BALSA BLOCK W/END FACE WITH 3/32" PLY DRILL & TAP 4-40
HATCH DETAIL
SCRAP BALSA FILLET SUPPORT - CUT AND FIT SUIT
WF-1 WF-2 WF-3 WF-4 WF-5
SCRAP BALSA BLOCK FILL-IN ABOVE AND BELOW
WING FAIRING DETAIL
MAKE ALL FAIRING PARTS FROM PAPER AND TEST FIT WHEN SATISFIED MAKE FINAL PARTS FROM PLYWOOD AS NOTED
WF-1 1/64" PLYWOOD - 2 REQ'D
CUT IN 3 SECTIONS AND PREBEND TO DESIRED SHAPE
WF-4 1/64" PLY WING SADDLE GLUE TO WING SURFACE (SEE DETAIL ABOVE) - 2 REQ'D.
WF-2 1/64" PLYWOOD - 2 REQ'D
WF-3 1/16" SHEET BALSA - 2 REQ'D
WF-5 SLOT INTO FUSELAGE PLANKING 3/32" SHEET BALSA - 2 REQ'D
SECTION B-B
B
NOSE DETAIL AND SECTION
1/8" X 1/2" BALSA HATCH GUIDES - TRIM HATCH 1/8" X 1/4" TO SUIT
.020 MOLDED CANOPY
F-5a F-6a
HEADREST
3/32" SQ. BALSA
DOOR OUTLINE (THIS SIDE ONLY)
1/2" SQ HARD BALSA - TRIM KEEL TO SUIT
3/32" SHEET BALSA PLANKING
H-1a H-1 H-2 H-3 H-6 H-4 H-5 F-13 F-15
1/8" X 1/4" BALSA
2-1/4" DIA SPINNER
K-1
F-5b
SCRAP BALSA FILL-IN
R-1 R-2
WHITE
RED
YELLOW
LIGHTY GROOVED RUDDER LINE
SKY TYPE "S" SPINNER
CUT-OUT PLANKING & KEEL TO SUIT ENGINE AND MUFFLER
ENGINE .010 - .015
C.G.
LINE INSIDE NOSE WITH NYLON SOAKED IN PVA (CAN USE 3/4 OZ FIBERGLASS CLOTH & RESIN)
3/32" SHEET BALSA PLANKING
BLACK REG. NUMBER
SKY TYPE "S" BAND
GOLDBERG SMALL HORN & MINI SNAP LINKS (SEE STAB. & ELEV. DETAIL).
F-1a F-1 F-2 F-11 F-3 F-4 F-12 F-5 F-6 F-7 F-8 F-14 F-9 F-10 F-16
1/2" SHEET BALSA
FUSELAGE SIDE VIEW
SCALE REFERENCES
" SPITFIRE - A TEST PILOT'S STORY" ----- BY JEFFREY QUILL
AEROPLANE MONTHLY ---- DEC. 1977 AND JAN. 1978
AVIATION NEWS MAGAZINE - JULY 27 - AUG 9, 1984 -- THREE-VIEWS & COLOR NOTES
.10 — .15 2-CHANNEL STAND-OFF SCALE
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SUPERMARINE "SPITEFUL"
DESIGNED & DRAWN BY CLIVE SMALLEY
PLAN BY Robert C. Hunter
0 1 2 3 4 5 6
SHEET 1 OF 1
PLAN NO. 987