FULL SIZE PLANS AVAILABLE SEE PAGE 264

1/4" PLY COWL STIFFENER - NOTE THIS IS NOT DRAWN IN THE CORRECT POSITION. IT SHOULD BE FLUSH WITH THE TOP EDGE OF THE LOWER COWL. CUT TO SHAPE TO SUIT COWL

FILLET BASE MADE FROM 1/32" PLYWOOD

3/32" BALSA SHEET REAR FILLET CORE

1/4" x 1/8" BALSA

FUSELAGE BOTTOM VIEW

3/4" BALSA TRI-STOCK

STEERABLE TAILWHEEL

1/4" BALSA SHEET

COWL SECTION ON ℄ THRUST

F-1

F-2

F-3

F-4

F-5

F-6

F-8

F-9

BATT. & RECEIVER ABOVE FUEL TANK

SERVOS

FIBERGLASS COWL SHOWN - SEE SECTIONS BELOW - OPTIONAL BALSA BLOCK ℄

COWL RETAINER

1/8" TANK FLOOR

3/8" x 1/4" MAPLE SERVO RAILS

3-1/2" DIA. SPINNER

D-1

D-2

D-3

D-4

D-5

D-6

RUDDER PUSHROD

RUDDER HORN

SCRAP SHEET COWL SUPPORT

FUSELAGE TOP VIEW

WING MOUNTING BOLTS

1/64" PLYWOOD FILLET MADE IN 3 SECTIONS

TOP VIEW

SIDE VIEW

SECT. A-A

SECT. B-B

DRILL TO SUIT ENGINE MOUNT, THROTTLE CABLE AND FUEL LINES

D-1 1/8" BALSA SHEET

3/8" PLYWOOD

D-1

1/8" BALSA SHEET

F-2 & F-3 ARE 1/4" BALSA SHEET

F-3 ONLY

FILLET AT F-2 1/8" BALSA SHEET

F-1 FIREWALL

F-2 & F-3

FILLET AT F-3 1/4" BALSA SHEET

EXHAUST STACKS DETAIL

MAKE A RIGHT & LEFT SET, EPOXY TO COWLING

ANTENNA MASS

ANTENNA WIRE

3/16" BALSA SHEET

FIN

RUDDER

FIN FLASH 27" x 24"

1/16" BALSA SHEET CORE

WIRE CORE - EPOXY TO TOP DECK SHEET

3/16" BALSA SHEET

D-7

1/2" BALSA SHEET FIN

1/8" BALSA SHEET UPPER SIDES

MOULDED CANOPY

1/2" BALSA SHEET DECK

1/4" DIA. DOWEL (UPPER COWL RETAINER)

IDENT. LIGHT

STD. 35" ROUNDEL

1/2" BALSA SHEET TOP DECK

1/2" BALSA SHEET FAIRING ON BOTH SIDES OF FIN

1/4" BALSA SHEET STIFFENERS - SEE PLAN VIEW

CARVED BALSA BLOCK OR FIBERGLASS COWL

EPOXY

SERIAL NO. PANEL 8" STD. LETTERS

BATT. & RECEIVER AREA

ELEV. PUSHROD

D-7

FUEL TANK AREA

SERVO AREA

1/16" BALSA SHEET RIB EACH SIDE

3/16" BALSA SHEET

ENGINE IS MOUNTED ON RADIAL MOUNT AT ANY ANGLE TO SUIT - USE PLY PACKING PIECE BETWEEN MOUNT AND F-1 TO CORRECTLY POSITION SPINNER.

THRUST LINES
DOWN..... 0°
SIDE..... 0°

C. G.

PLY MOUNT

RUDDER PUSHROD

TAILWHEEL PUSHROD

STEERABLE TAILWHEEL

RUDDER HORN

LOWER HALF OF COWL IS PERMANENTLY GLUED TO FUSELAGE

F-7

℄ PIVOT

90°

1/4" PLYWOOD WING MOUNT PLATE

SOFT BLOCK REAR TO FILLETS

1/4" BALSA SHEET BOTTOM

1-1/2" DIA. TAILWHEEL

1/8" PLY

GROOVE TRI-STOCK TO HOLD MOUNT

ATTACH TO SUIT

1/4" PLY - DRILL & TAP FOR 1/4" x 20 WING BOLTS

F-8

T/W MOUNT

FUSELAGE SIDE VIEW

SEE SHEET 2 FOR ADDITIONAL LANDING GEAR DETAILS

CANOPY

HEAD ARMOR

D-3 1/8" BALSA SHEET

1/4" BALSA SHEET

1/4" BALSA SHEET

1/4" TRIPLER

1/16" PLY DOUBLER

3/16" BALSA SIDES

D-3 & F-4

1/2" BALSA SHEET TOP

D-5 1/8" BALSA SHEET

1/8" BALSA SHEET SIDES

1/4" BALSA SHEET

D-5 & F-5

3-1/2" DIA. SCALE WHEELS

PLY OR ALUMINUM GEAR DOORS

1/8" BALSA SHEET

D-6

1/8" BALSA SHEET SIDES

1/4" BALSA SHEET

3/4" BALSA TRI-STOCK

3/16" BALSA SHEET

F-6

▲ = 3/16" BALSA SHEET SIDES
△ = 1/16" PLYWOOD DOUBLERS
↓ = 1/4" BALSA SHEET TRIPLERS

CUT

℄ THRUST LINE

CUT

SECT 2 PORT ONLY

2,3 & 4

COWLING SECTIONS

NOTE : KEEP ALL CONSTRUCTION BEHIND THE C.G. AS LIGHT AS POSSIBLE

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SUPERMARINE SPITFIRE Mk I

DESIGNED BY ROB MILLINSHIP
DRAWN BY CLIVE SMALLEY
INKED BY JOE DEMARCO

0" 1" 2" 3" 4" 5" 6"

SHEET 1 OF 2

PLAN NO. 1065 ②

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