SAVOIA MARCHETTI S55X

49·8 INCH SPAN (1/19th SCALE) FLYING SCALE MODEL 2·09 MOTORS
DESIGNED & DRAWN BY Harold J. Towner.

DWG 35

SOURCES OF INFORMATION
MAP SCALE MODELS OCTOBER 1973
SEAWINGS BY EDWARD JABLONSKI.
WORLD AIRCRAFT (SAMPSON LOW) 1918-1935

ON DECEMBER 1930 4 SQUADRONS OF THREE SM·55X's FLEW FROM ITALY TO RIO DE JANEIRO UNDER COMMAND OF ITALO BALBO. AGAIN IN 1933 25 SM·55X'S FLEW FROM ROME TO NEW YORK ALSO UNDER ITALO BALBO VIA ICELAND.

MOTOR PYLON LEGS 2 OFF

20G ALUMINIUM COWLINGS. HINGED AT BASE & SPLIT AT CENTRE

¼" 3PLY BIRCH BEDPLATE INTERLOCKED TO PYLON LEGS.

7" 3 BLADE LEFT HAND.

BLUE PANEL PINK SURROUND RED EAGLE

RED SHIELD YELLOW CROSS BLUE GREEN, WHITE RED

S55X SAVOIA MARCHETTI PALE BLUE PANEL WHITE CROSS BLACK CENTRE RED LETTERS

HINGE PIN

RIVETS

CROSS SECTION SPRUCE

RED

WATER LINE

⅛" x ⅛" OUTBOARD ONLY

REAR VIEW OF PYLON

FRONT VIEW OF PYLON

CENTRAL BODY LEADING EDGE

SCRAP BLOCK BALSA ON CHINE & SAND TO SHAPE.

CUT THRU' UPPER KEEL TO FIX

LOWER KEEL FIX

ORDER OF ERECTION

PYLON LEGS

RIB 02

RIB 01

EXPLANATION.

BOTH NACELLES ARE SIMILAR, BUT OPPOSITE HANDING, SO WHEN SETTING UP THE FORMERS ON TOP AND BOTTOM KEELS. ENSURE THEY ARE RIGHT & LEFT.

THE LOWER KEELS ARE IN TWO PARTS, THE FRONT BEING ¼" 3PLY BIRCH & THE REAR ¼" HARD BALSA.

LE & TE ON WINGS HARD BALSA AND THE SPARS ⅜" SPRUCE.

THE AILERONS ARE DUMMY TO STRENGTHEN THE WING TIPS ONLY.

THE BOOMS ⅜" x ¼" SPRUCE FILLED IN WITH BALSA AT REAR, WHILST THE FITTINGS ARE ½" THIN BRASS TUBE, PINCHED TO SHAPE, PINNED THRU' & SOLDERED TO 16G WIRE

REAR MOTOR IS NORMAL ROTATION BUT DRIVES A LEFT HANDED PROPELLOR.

ORIGINAL MODEL REQUIRED 4oz WEIGHT IN EACH NOSE TO TRIM.

ELEVATOR FIX — NOTE TWIN RIBS 'a' TIGHT FIT ON BOOM & ADJUST FOR INCIDENCE

CROSS GIRDER F

CROSS GIRDER H

1-BALB

1-BALB

WING FIX ROOT

RIB 01

20G ALUMINIUM

RIB 02

PRESS FIT

CROSS GIRDER J

CROSS GIRDER G

TOP

RIB 02

RIB 01

RIB 02

RIB 01

WING FIX ROOTS