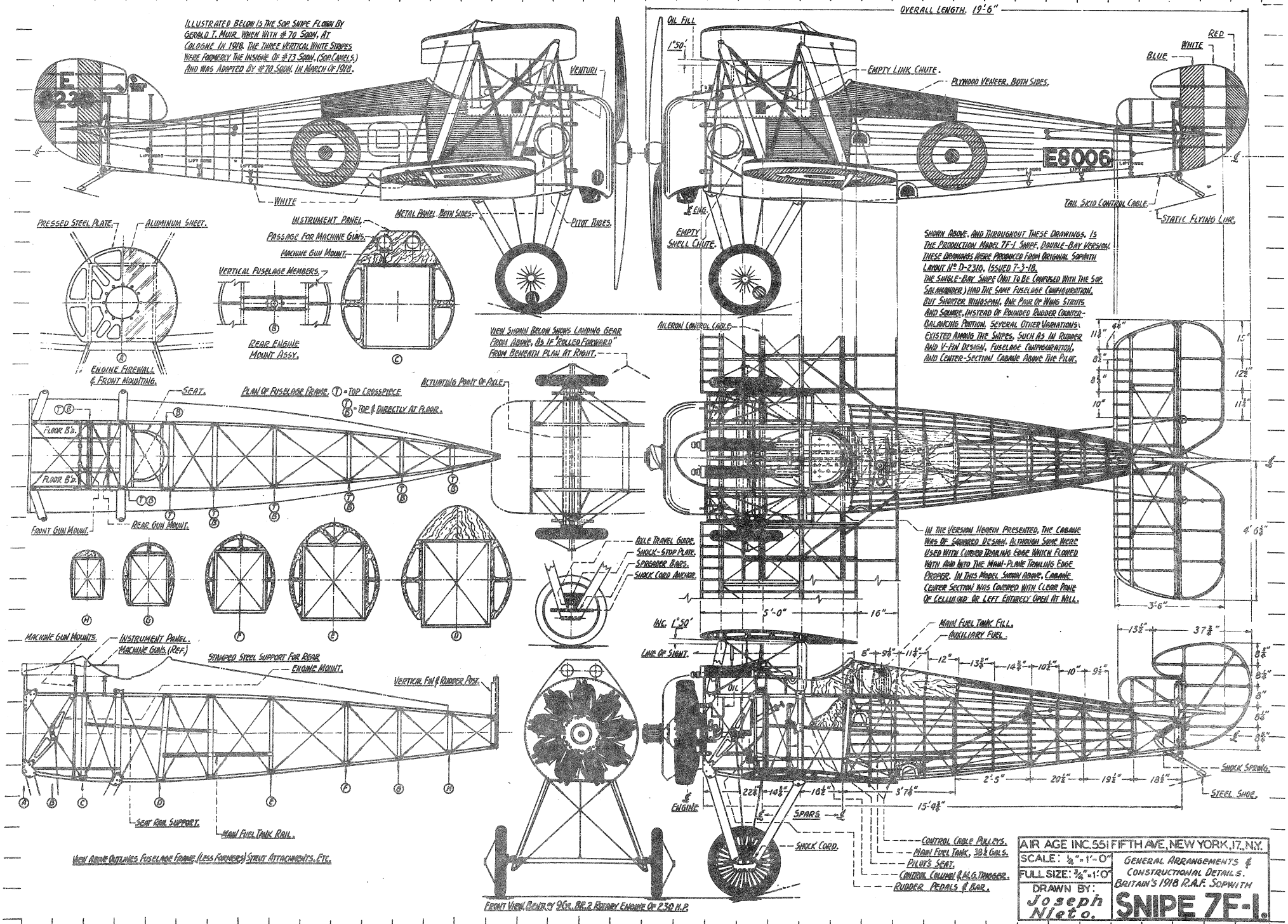
ILLUSTRATED BELOW IS THE SOP. SNIPE FLOWN BY GERALD T. MUIR WHEN WITH #70 SQDN, AT COLOGNE IN 1918. THE THREE VERTICAL WHITE STRIPES WERE FORMERLY THE INSIGNIA OF #73 SQDN. (SOP. CAMELS.) AND WAS ADOPTED BY #70 SQDN. IN MARCH OF 1918.
OVERALL LENGTH. 19'-6"
OIL FILL
1"50'
VENTURI
EMPTY LINK CHUTE.
PLYWOOD VENEER. BOTH SIDES.
RED
WHITE
BLUE
E8006
WHITE
METAL PANEL. BOTH SIDES.
PITOT TUBES.
℄ ENG.
EMPTY SHELL CHUTE.
TAIL SKID CONTROL CABLE.
STATIC FLYING LINE.
PRESSED STEEL PLATE.
ALUMINUM SHEET.
INSTRUMENT PANEL
PASSAGE FOR MACHINE GUNS.
MACHINE GUN MOUNT.
VERTICAL FUSELAGE MEMBERS.
REAR ENGINE MOUNT ASSY.
ENGINE FIREWALL & FRONT MOUNTING.
SHOWN ABOVE, AND THROUGHOUT THESE DRAWINGS, IS THE PRODUCTION MODEL 7F-1 SNIPE, DOUBLE-BAY VERSION. THESE DRAWINGS WERE PRODUCED FROM ORIGINAL SOPWITH LAYOUT Nº D-2316, ISSUED 7-3-18. THE SINGLE-BAY SNIPE (NOT TO BE CONFUSED WITH THE SOP. SALAMANDER) HAD THE SAME FUSELAGE CONFIGURATION, BUT SHORTER WINGSPAN, ONE PAIR OF WING STRUTS AND SQUARE, INSTEAD OF ROUNDED RUDDER COUNTER-BALANCING PORTION. SEVERAL OTHER VARIATIONS EXISTED AMONG THE SNIPES, SUCH AS IN RUDDER AND V-FIN DESIGN, FUSELAGE CONFIGURATION, AND CENTER-SECTION CABANE ABOVE THE PILOT.
VIEW SHOWN BELOW SHOWS LANDING GEAR FROM ABOVE, AS IF "ROLLED FORWARD" FROM BENEATH PLAN AT RIGHT.
AILERON CONTROL CABLE.
ACTUATING POINT OF AXLE.
SEAT.
PLAN OF FUSELAGE FRAME. (T) = TOP CROSSPIECE
(B) = TOP & DIRECTLY AT FLOOR.
FLOOR Bd.
FLOOR Bd.
FRONT GUN MOUNT.
REAR GUN MOUNT.
AXLE TRAVEL GUIDE.
SHOCK-STOP PLATE.
SPREADER BARS.
SHOCK CORD ANCHOR.
IN THE VERSION HEREIN PRESENTED, THE CABANE WAS OF SQUARED DESIGN, ALTHOUGH SOME WERE USED WITH CURVED TRAILING EDGE WHICH FLOWED WITH AND INTO THE MAIN-PLANE TRAILING EDGE PROPER. IN THIS MODEL SHOWN ABOVE, CABANE CENTER SECTION WAS COVERED WITH CLEAR PANE OF CELLULOID OR LEFT ENTIRELY OPEN AT WILL.
5'-0"
16"
INC. 1"50'
LINE OF SIGHT.
MAIN FUEL TANK FILL.
AUXILIARY FUEL.
MACHINE GUN MOUNTS.
INSTRUMENT PANEL.
MACHINE GUNS. (REF.)
STAMPED STEEL SUPPORT FOR REAR ENGINE MOUNT.
VERTICAL FIN & RUDDER POST.
OIL
SHOCK SPRING.
STEEL SHOE.
℄ ENGINE
SPARS
SHOCK CORD.
CONTROL CABLE PULLEYS.
MAIN FUEL TANK, 38½ GALS.
PILOT'S SEAT.
CONTROL COLUMN & M.G. TRIGGER.
RUDDER PEDALS & BAR.
SEAT RAIL SUPPORT.
MAIN FUEL TANK RAIL.
VIEW ABOVE OUTLINES FUSELAGE FRAME (LESS FAIRINGS) STRUT ATTACHMENTS, ETC.
FRONT VIEW, GENTLEY 9CYL. RR.2 ROTARY ENGINE OF 230 H.P.
AIR AGE INC. 551 FIFTH AVE., NEW YORK, 17, N.Y.
SCALE: ¼"=1'-0"
FULL SIZE: ¾"=1'-0"
DRAWN BY: Joseph Nieto.
GENERAL ARRANGEMENTS & CONSTRUCTIONAL DETAILS.
BRITAIN'S 1918 R.A.F. SOPWITH
SNIPE 7F-1.