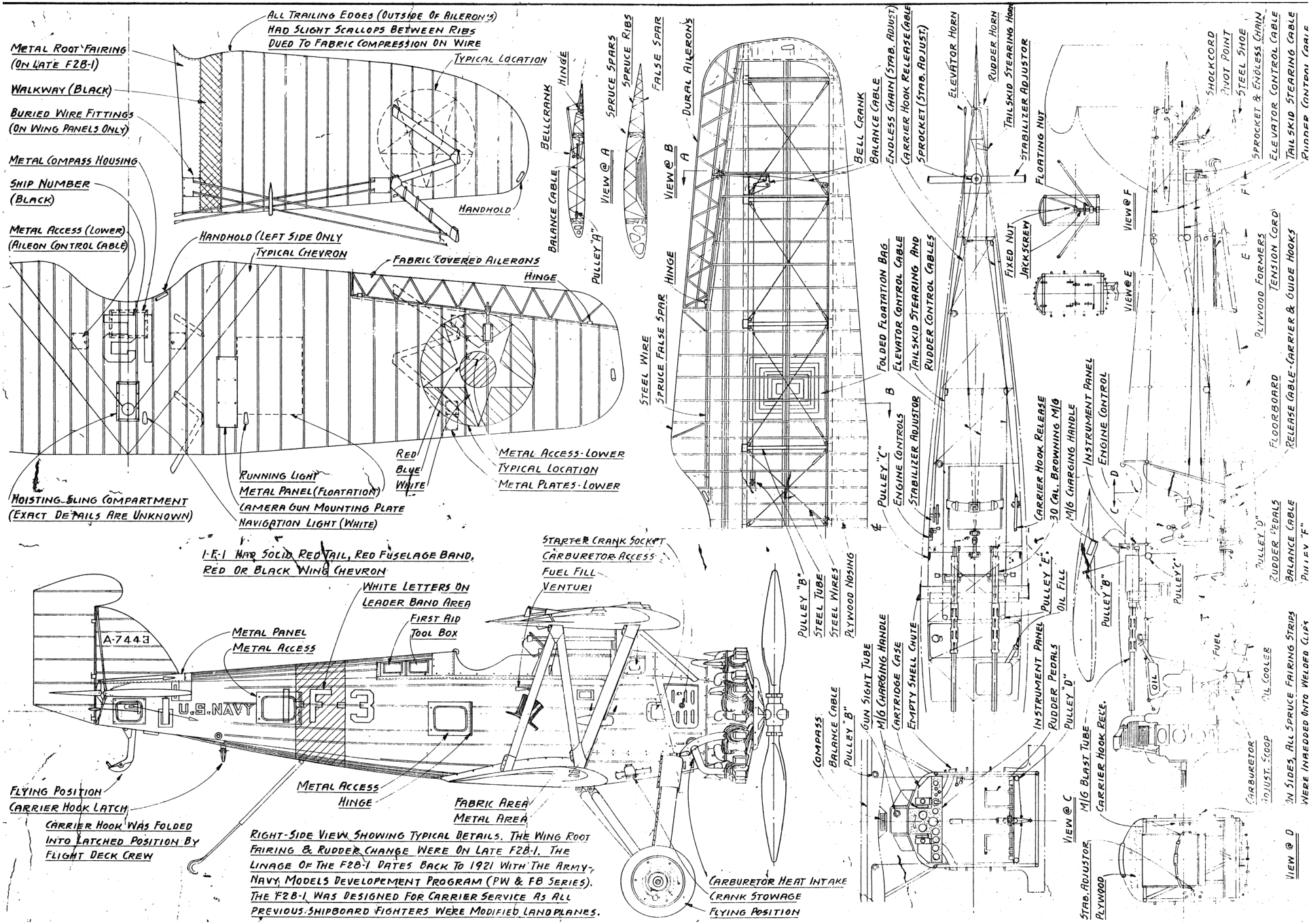
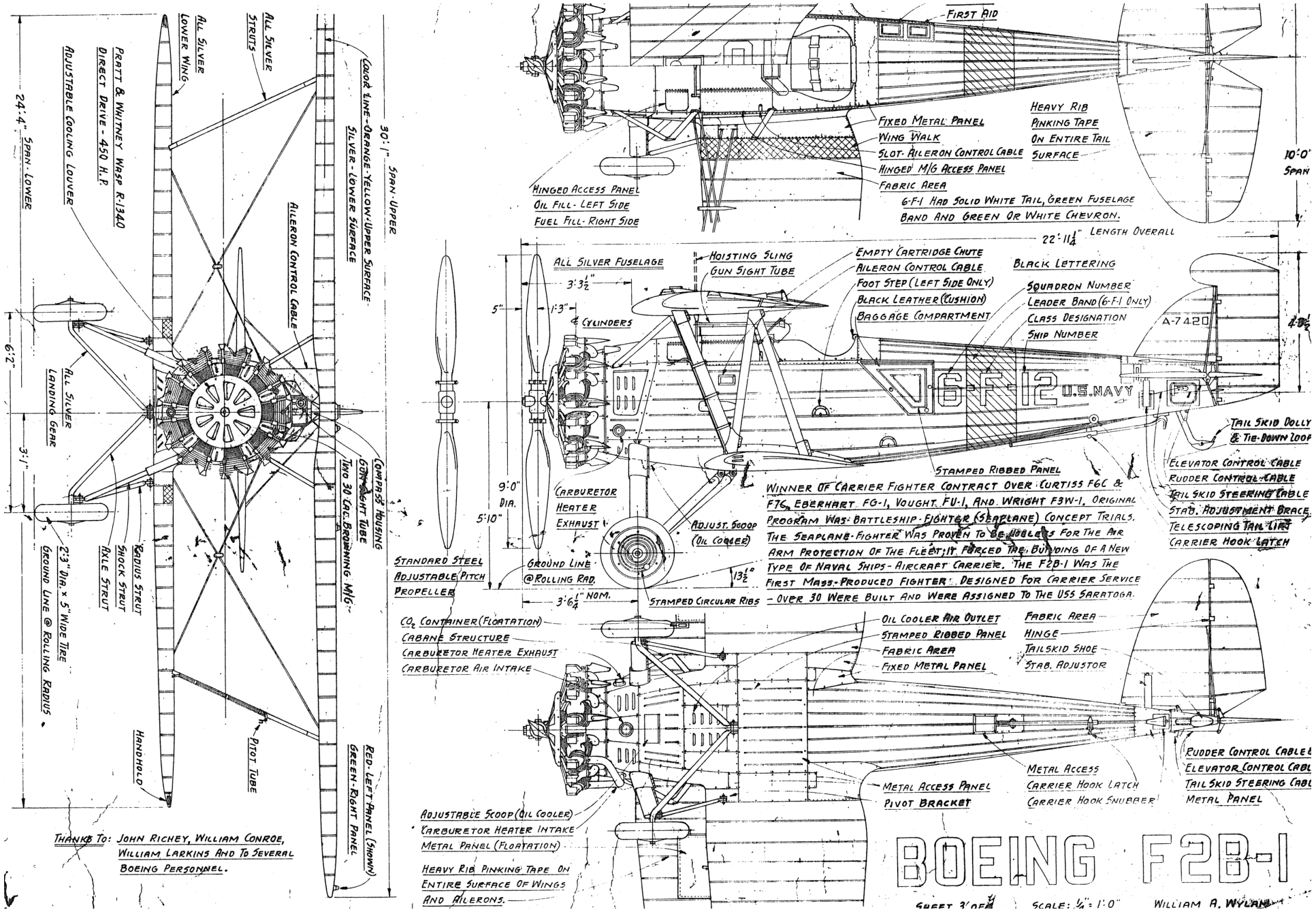


RIGHT-SIDE VIEW SHOWING TYPICAL DETAILS. THE WING ROOT FAIRING & RUDDER CHANGE WERE ON LATE F2B-1. THE LINAGE OF THE F2B-1 DATES BACK TO 1921 WITH THE ARMY-NAVY MODELS DEVELOPEMENT PROGRAM (PW & FB SERIES). THE F2B-1 WAS DESIGNED FOR CARRIER SERVICE AS ALL PREVIOUS SHIPBOARD FIGHTERS WERE MODIFIED LANDPLANES.


PRATT & WHITNEY WASP R-1340
DIRECT DRIVE - 450 H.P.
ADJUSTABLE COOLING LOUVER
ALL SILVER LOWER WING
ALL SILVER STRUTS
COLOR LINE - ORANGE-YELLOW-UPPER SURFACE
SILVER - LOWER SURFACE
AILERON CONTROL CABLE
24'-4" SPAN - LOWER
30'-1" SPAN - UPPER
6'-2"
3'-1"
ALL SILVER LANDING GEAR
COMPASS HOUSING
CONCENTRIC TUBE
TWO 30 CAL. BROWNING M/G
RADIUS STRUT
SHOCK STRUT
AXLE STRUT
2'3" DIA. x 5" WIDE TIRE
GROUND LINE @ ROLLING RADIUS
HANDHOLD
PITOT TUBE
RED - LEFT PANEL (SHOWN)
GREEN - RIGHT PANEL
THANKS TO: JOHN RICHEY, WILLIAM CONROE, WILLIAM LARKINS AND TO SEVERAL BOEING PERSONNEL.
FIRST AID
FIXED METAL PANEL
WING WALK
SLOT - AILERON CONTROL CABLE
HINGED M/G ACCESS PANEL
FABRIC AREA
HINGED ACCESS PANEL
OIL FILL - LEFT SIDE
FUEL FILL - RIGHT SIDE
HEAVY RIB PINKING TAPE ON ENTIRE TAIL SURFACE
6-F-1 HAD SOLID WHITE TAIL, GREEN FUSELAGE BAND AND GREEN OR WHITE CHEVRON.
10'-0" SPAN
22'-11¼" LENGTH OVERALL
ALL SILVER FUSELAGE
HOISTING SLING
GUN SIGHT TUBE
EMPTY CARTRIDGE CHUTE
AILERON CONTROL CABLE
FOOT STEP (LEFT SIDE ONLY)
BLACK LEATHER (CUSHION)
BAGGAGE COMPARTMENT
BLACK LETTERING
SQUADRON NUMBER
LEADER BAND (6-F-1 ONLY)
CLASS DESIGNATION
SHIP NUMBER
A-7420
3'-3½"
1'-3"
4 CYLINDERS
5"
9'-0" DIA.
5'-10"
CARBURETOR HEATER EXHAUST
ADJUST. SCOOP (OIL COOLER)
GROUND LINE @ ROLLING RAD.
13½"
3'-6¼" NOM.
STAMPED CIRCULAR RIBS
STANDARD STEEL ADJUSTABLE PITCH PROPELLER
STAMPED RIBBED PANEL
TAIL SKID DOLLY & TIE-DOWN LOOP
ELEVATOR CONTROL CABLE
RUDDER CONTROL CABLE
TAIL SKID STEERING CABLE
STAB. ADJUSTMENT BRACE
TELESCOPING TAIL LIFT
CARRIER HOOK LATCH
WINNER OF CARRIER FIGHTER CONTRACT OVER CURTISS F6C & F7C, EBERHART FG-1, VOUGHT FU-1, AND WRIGHT F3W-1. ORIGINAL PROGRAM WAS BATTLESHIP-FIGHTER (SEAPLANE) CONCEPT TRIALS. THE SEAPLANE-FIGHTER WAS PROVEN TO BE USELESS FOR THE AIR ARM PROTECTION OF THE FLEET; IT FORCED THE BUILDING OF A NEW TYPE OF NAVAL SHIPS - AIRCRAFT CARRIER. THE F2B-1 WAS THE FIRST MASS-PRODUCED FIGHTER DESIGNED FOR CARRIER SERVICE - OVER 30 WERE BUILT AND WERE ASSIGNED TO THE USS SARATOGA.
CO2 CONTAINER (FLOATATION)
CABANE STRUCTURE
CARBURETOR HEATER EXHAUST
CARBURETOR AIR INTAKE
OIL COOLER AIR OUTLET
STAMPED RIBBED PANEL
FABRIC AREA
FIXED METAL PANEL
FABRIC AREA
HINGE
TAILSKID SHOE
STAB. ADJUSTOR
METAL ACCESS PANEL
PIVOT BRACKET
METAL ACCESS
CARRIER HOOK LATCH
CARRIER HOOK SNUBBER
RUDDER CONTROL CABLE
ELEVATOR CONTROL CABLE
TAIL SKID STEERING CABLE
METAL PANEL
ADJUSTABLE SCOOP (OIL COOLER)
CARBURETOR HEATER INTAKE
METAL PANEL (FLOATATION)
HEAVY RIB PINKING TAPE ON ENTIRE SURFACE OF WINGS AND AILERONS.
BOEING F2B-1
SHEET 3 OF 4
SCALE: ½" = 1'-0"
WILLIAM A. WYLAN