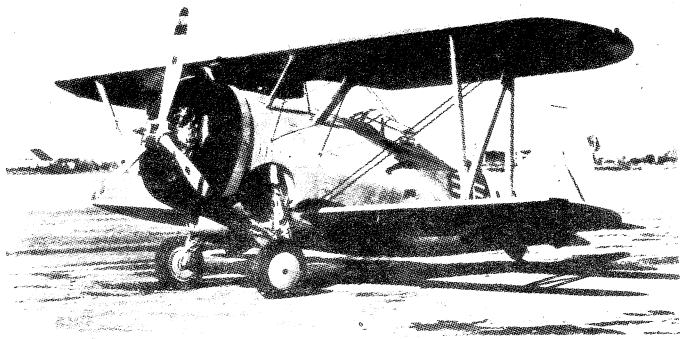


The model F3F-2, the first modification of Grumman's third production fighter series (it differed from the F3F-1, its predecessor, in having a different engine, cowl and more rudder area) was powered by a Wright R-1820-22, nine-cylinder, 850 H.P. engine. Top speed was 255 m.p.h., range was 825 miles at cruise power, rate of climb was 2,300 f.p.m. and service ceiling was 30,200 feet. Armament was one .30-caliber and one .50-caliber fixed guns and two 100-pound bombs could be carried. Eighty-one F3F-2's were built and delivered from July 27, 1937 to May 11, 1938. (These were followed by the last biplane fighters, the very similar F3F-3's.)

DETAIL 3

CHROME HUB, FWD SURFACE OF BLADES
INSIGNIA BLUE AFT SURFACE OF BLADES
RED OUTER STRIPE
YELLOW MIDDLE STRIPE
INSIGNIA BLUE INNER STRIPE

DETAIL 4

WHITE LETTERS 3" HIGH, ".0968" ON FIN, "F3F-2" ON RUDDER, AS INDICATED (BOTH SIDES)

BLACK LETTERS 5" HIGH, "U.S. NAVY" (BOTH SIDES)

DETAIL 5

ORANGE-YELLOW ON TOP OF WING AS INDICATED

RED COWL, FUSELAGE BAND AND WING CHEVRON WITH THIN BLACK EDGES

BLACK NUMBERS, WHITE LETTERS ON SIDES 12" HIGH

NOTE: COLORS AND NUMBERS SHOWN APPLY TO LEADER'S AIRPLANE SQUADRON VF-6 OF THE ENTERPRISE

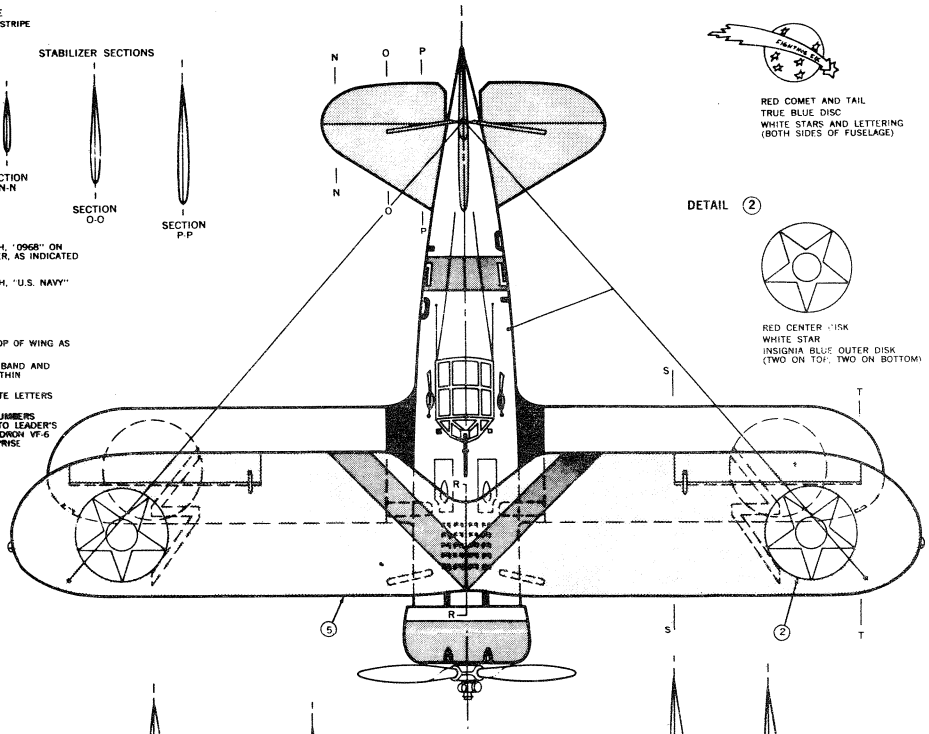
STABILIZER SECTIONS

DETAIL 1

RED COMET AND TAIL
TRUE BLUE DISC
WHITE STARS AND LETTERING (BOTH SIDES OF FUSELAGE)

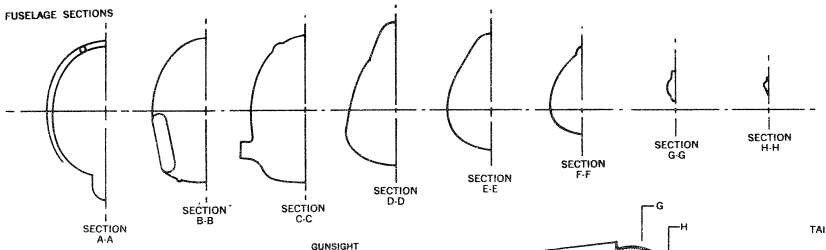
DETAIL 2

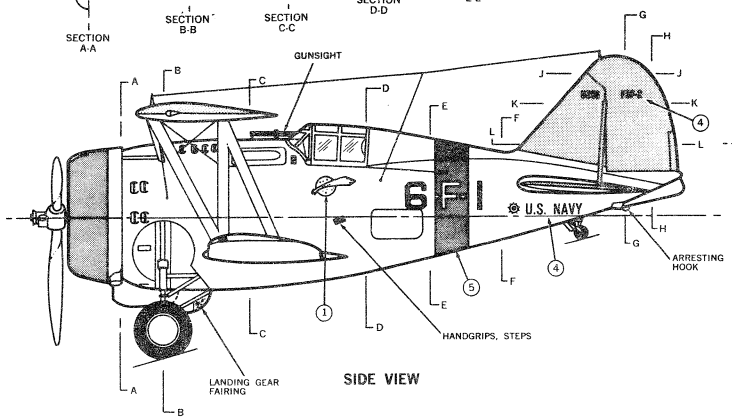
RED CENTER DISK
WHITE STAR
INSIGNIA BLUE OUTER DISK (TWO ON TOP, TWO ON BOTTOM)



TOP VIEW

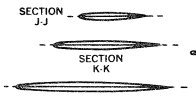
FUSELAGE SECTIONS



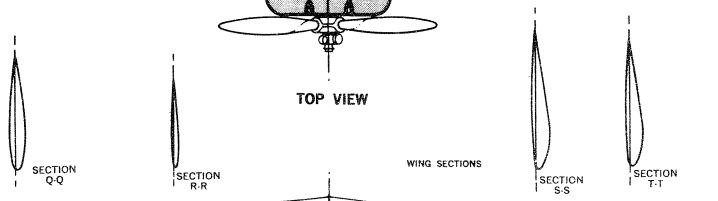


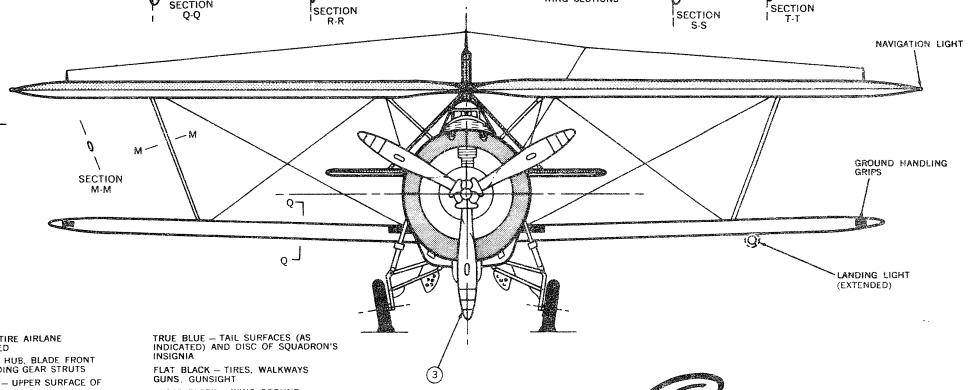
SIDE VIEW

TAIL SECTIONS



WING SECTIONS





FRONT VIEW

5 0 1 2 3 4 5

SCALE IN FEET

DIMENSIONS

SPAN ..... UPPER WING 32'
LOWER WING 29'6"
LOA ..... 23'1½"
HOA ..... 10'9" (OVER PROP. 3 PT. POSITION)

COLOR SCHEME

ALUMINUM — ENTIRE AIRLANE EXCEPT AS NOTED

CHROME — PROP HUB, BLADE FRONT FACES AND LANDING GEAR STRUTS

ORANGE-YELLOW — UPPER SURFACE OF TOP WING

RED — COWL, FUSELAGE BAND, CHEVRON, OUTER STRIPE OF PROP, INSIGNIA COMETS AND NATIONAL INSIGNIA CENTER DISKS

WHITE — MODEL AND SERIAL NUMBER LETTERS AND SQUADRON IDENTIFICATION LETTERS ON SIDES AND "FIGHTING SIX" ON INSIGNIA

INSIGNIA BLUE — BACKGROUND DISKS ON NATIONAL INSIGNIA, INNER STRIPE AND AFT FACE OF PROP

TRUE BLUE — TAIL SURFACES (AS INDICATED) AND DISC OF SQUADRON'S INSIGNIA

FLAT BLACK — TIRES, WALKWAYS GUNS, GUNSIGHT

GLOSS BLACK — WING GROUND HANDLING GRIPS, HANDGRIPS, STEPS AND SQUADRON IDENTIFICATION NUMBER, "U.S. NAVY"

GRAY — ENGINE CRANKCASE AND CYLINDERS

GRAY-GREEN — COCKPIT INTERIOR

YELLOW — MIDDLE PROP STRIP

Grumman
AIRCRAFT ENGINEERING CORPORATION
F3F-2
U.S. NAVY FIGHTER AIRCRAFT
SEPT. 1965