

THE FIRST PRODUCTION ENGINES MANUFACTURED BY PRATT & WHITNEY HAD HORIZONTAL FINS ON THE CYLINDER DOMES. THESE ENGINES ALSO HAD GEARED CENTRIFUGAL TYPE SUPERCHARGERS. LATER TYPE ENGINES WITH IMPROVED SUPERCHARGERS HAD CLOSELY SPACED VERTICAL PINS ON THE DOMES FOR GREATER COOLING EFFICIENCY.

THE ORIGINAL MODEL 40A WHITNEY ENGINE SHOWN HERE. THIS ENGINE POWERED THE FIRST 23 AIRPLANES BUILT IN 1925. IT WAS REPLACED WITH THE PRATT & WHITNEY MODEL 8 HORNET IN THESE AIRPLANES TO IMPROVE PERFORMANCE, AND FINALLY TYPE R-16-90.

WHITE STEADY NAVIGATION LIGHT FABRIC COVERED WELDED STEEL TUBE ELEVATOR. (SPAN) 14'-6"

WING FUEL TANK (CENTER WING)

LENGTH SCALE

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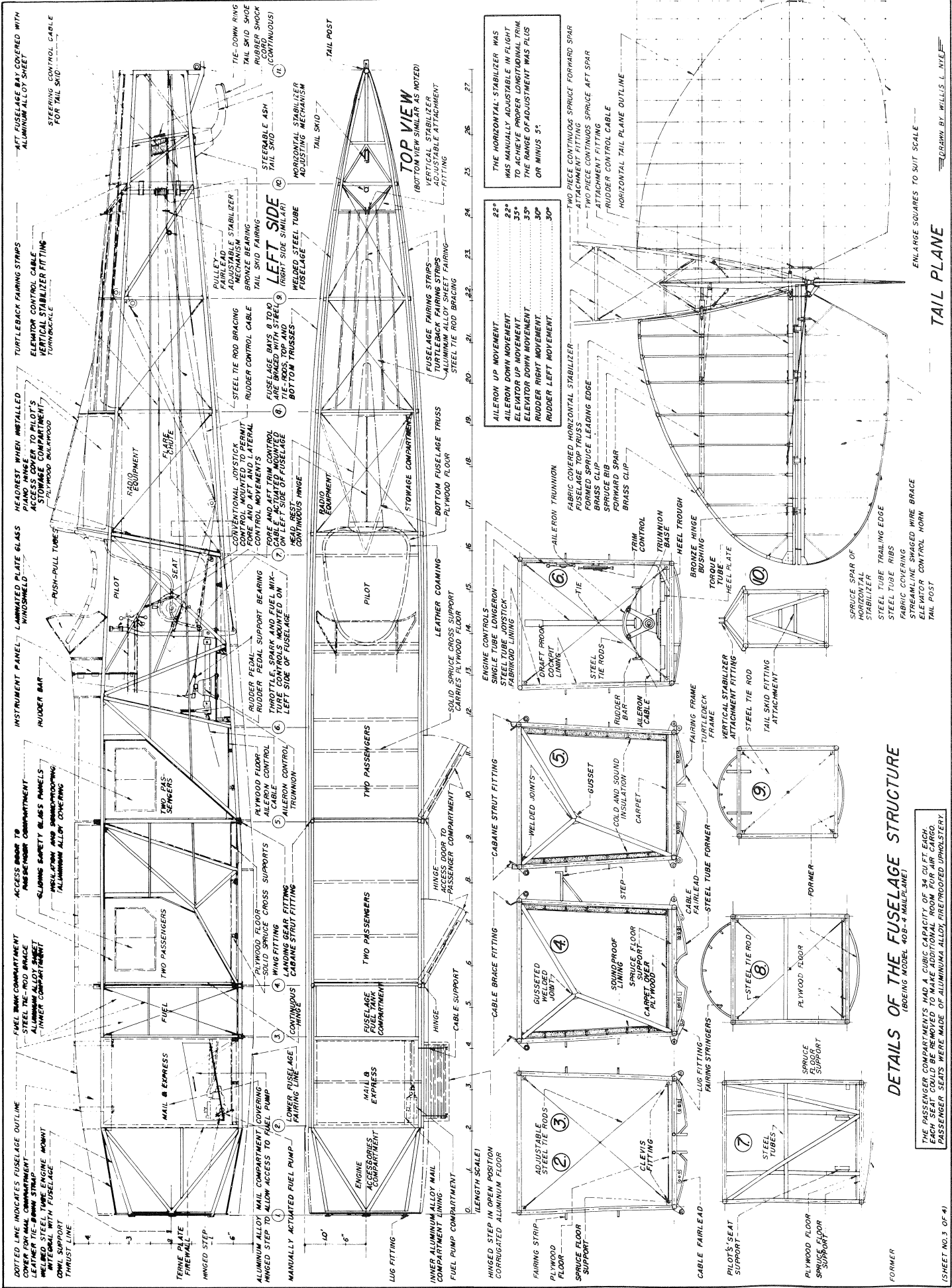
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THE PASSENGER COMPARTMENTS HAD A CUBIC CAPACITY OF 34 CUBIC FEET EACH. EACH SEAT COULD BE REMOVED TO MAKE ADDITIONAL ROOM FOR AIR CARGO. PASSENGER SEATS WERE MADE OF ALUMINUM ALLOY, FIRE-PROOFED UPHOLSTERY.

(SHEET NO. 3 OF 4)

