

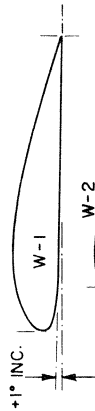
GENERAL SPECIFICATIONS

WEIGHT EMPTY 4141 lbs.  
 USEFUL LOAD 2059 lbs.  
 GROSS WEIGHT 6200 lbs.  
 WING LOADING 19.5 lbs./sq.ft.  
 POWER LOADING 12.4 lbs./H.P. at 500 H.P.  
 MAXIMUM SPEED at S.L. 196 m.p.h.  
 at 5500 ft. 211 m.p.h.  
 at 5500 ft. 176 m.p.h. at 75% POWER  
 CRUISING SPEED at S.L. 190 m.p.h. " " "  
 at 10,000 ft. 200 m.p.h. " " "  
 CRUISING RANGE 675-835 miles (varying with power used)

ABSOLUTE CEILING 24,000 feet  
 MAXIMUM INITIAL CLIMB 1,350 ft./min. (empty)  
 300 ft./min. (on one engine)

SINGLE ENGINE PERFORMANCE  
 TOP SPEED 147 m.p.h.  
 CRUISE 129 m.p.h.  
 RANGE 976-1040 miles  
 ABSOLUTE CEILING 12,600 ft.

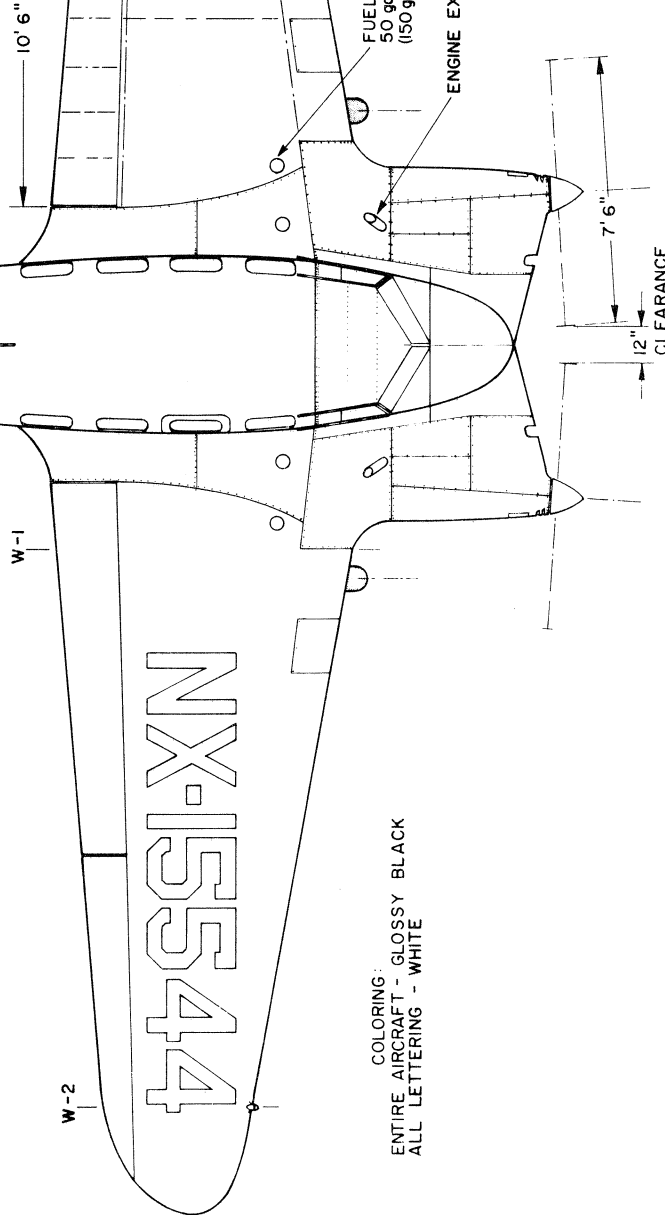
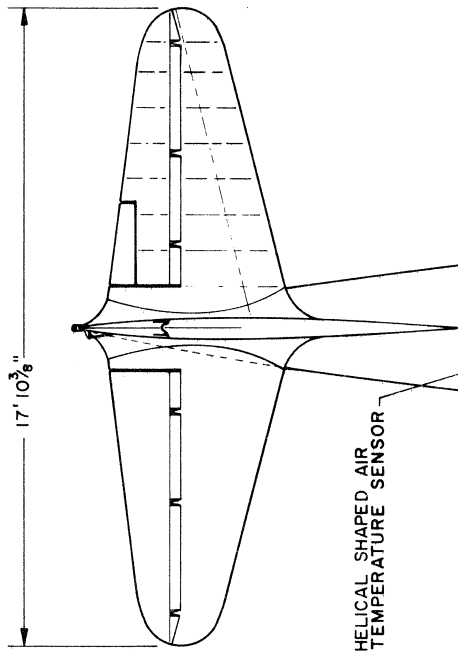
POWER - TWO MENASCO C6S-4 SIX CYLINDER  
 INLINE AIRCOOLED SUPERCHARGED  
 "SUPER BUCCANEER" ENGINES, RATED  
 250 H.P. EACH - MAXIMUM 290 H.P. FOR  
 TAKE OFF



EXACT AIRFOIL UNKNOWN  
 (PORTRAYED MODIFIED CLARK Y)



HELICAL SHAPED AIR TEMPERATURE SENSOR



COLORING:  
 ENTIRE AIRCRAFT - GLOSSY BLACK  
 ALL LETTERING - WHITE

ADJUSTABLE TRAPDOOR ENGINE COMPARTMENT VENT

CARBURETOR INTAKE  
 OIL TANK 5 gals.

HYDRAULIC OPERATED FLAPS

ALUMINUM COVERING FORWARD OF THIS LINE. PLYWOOD FAIRING AFT

3 1/2" OUTBOARD CANT



ALCOR C.G.I. "JUNIOR TRANSPORT" 1938

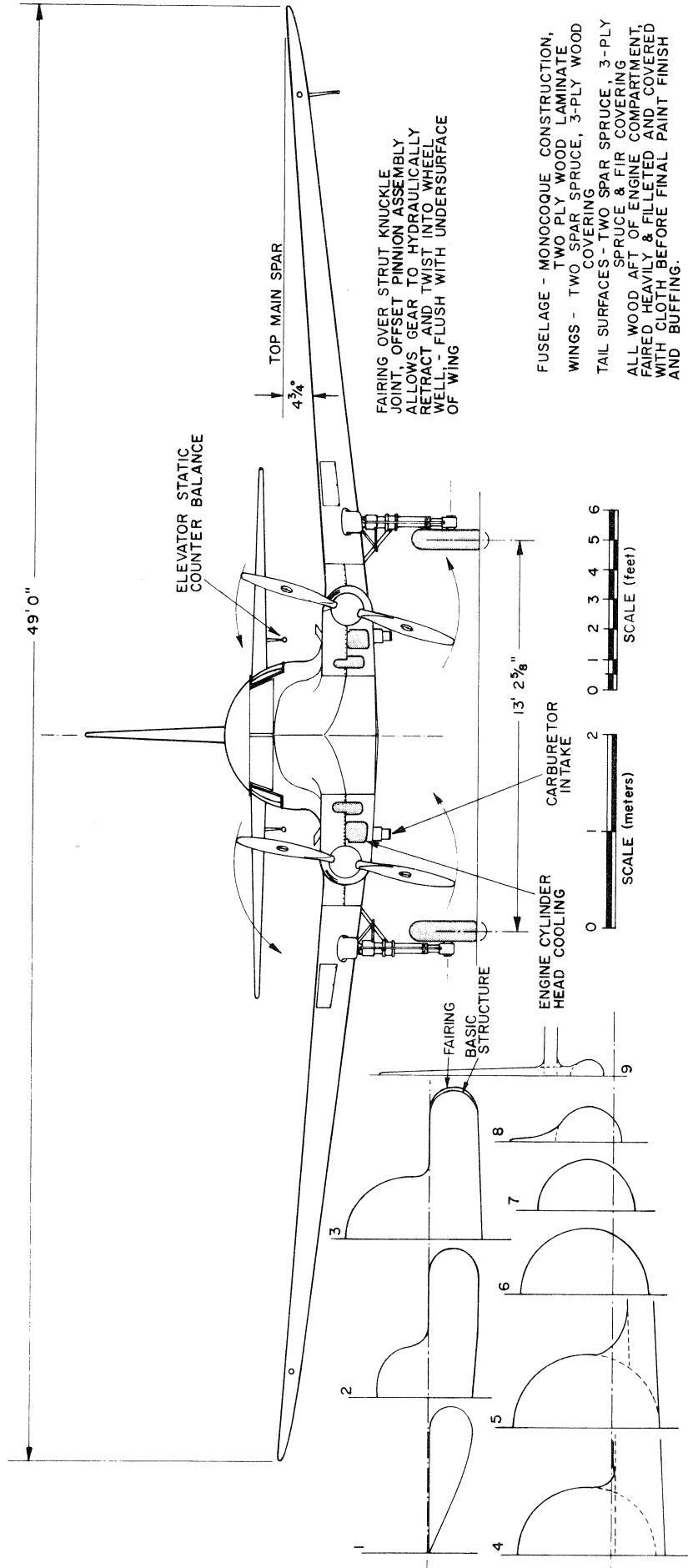
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DRAWN BY: PAUL R. MATT

PLATE 1 of 2

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DRAWING No. 4-33-D



FAIRING OVER STRUT KNUCKLE JOINT, OFFSET PINNION ASSEMBLY ALLOWS GEAR TO HYDRAULICALLY RETRACT AND TWIST INTO WHEEL WELL, - FLUSH WITH UNDERSURFACE OF WING

FUSELAGE - MONOCOQUE CONSTRUCTION, TWO PLY WOOD LAMINATE  
 WINGS - TWO SPAR SPRUCE, 3-PLY WOOD COVERING  
 TAIL SURFACES - TWO SPAR SPRUCE, 3-PLY ALL WOOD, ART OF ENGINE COMPARTMENT, FAIRED HEAVILY & FILLETED AND COVERED WITH CLOTH BEFORE FINAL PAINT FINISH AND BUFFING.



ALCOR C.6.1 "JUNIOR TRANSPORT"

1938

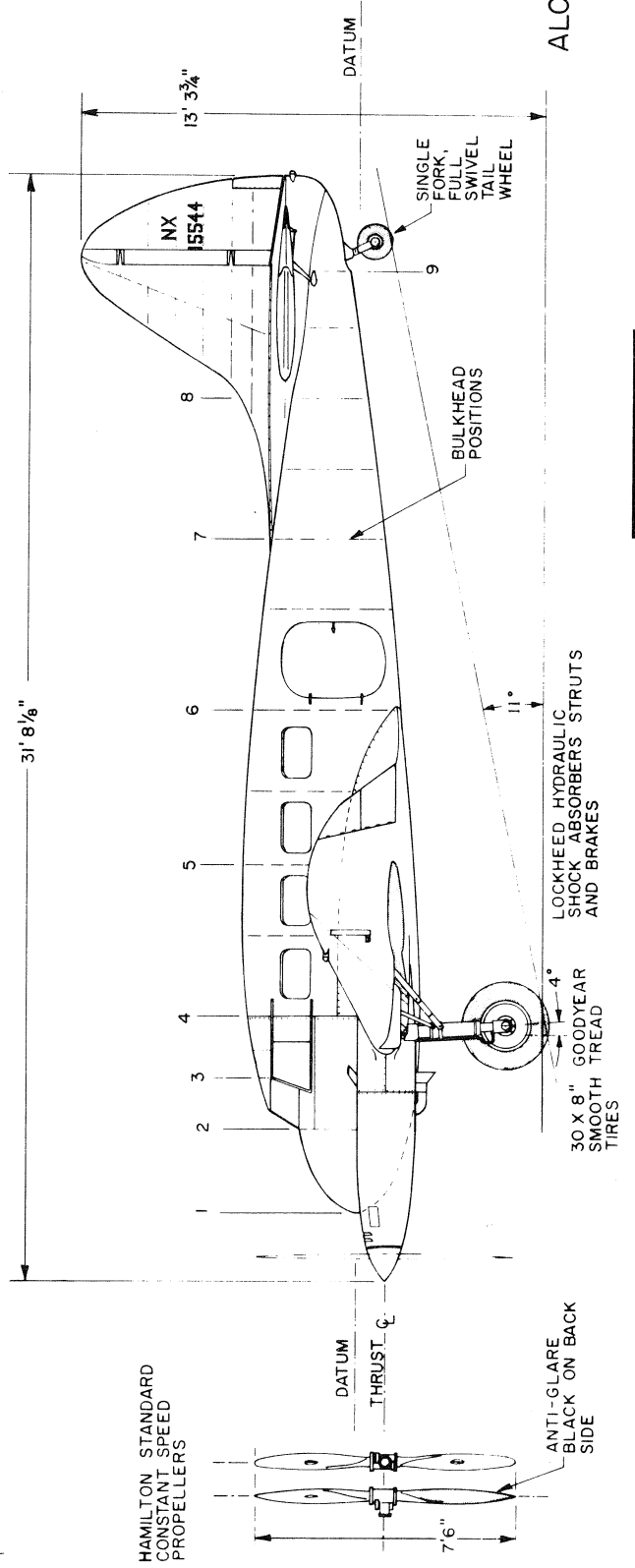
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PLATE 2 of 2

DRAWING No. 4-33-D

HISTORICAL AVIATION ALBUM 1967



HAMILTON STANDARD CONSTANT SPEED PROPELLERS

DATUM THRUST C

ANTI-GLARE BLACK ON BACK SIDE

30 X 8" GOODYEAR SMOOTH TREAD TIRES

LOCKHEED HYDRAULIC SHOCK ABSORBERS STRUTS AND BRAKES

BULKHEAD POSITIONS

SINGLE FORK, FULL SWIVEL TAIL WHEEL

NX 15544