



Travel Air Type "4-D" Biplane with J-6 225 Whirlwind Motor

SPECIFICATIONS
TYPE "4-D"

Approved Type Certificate 254
Class 3-Place Open Biplane
Power plant J-6 225 H.P. Wright Whirlwind Engine

CAPACITY
Passengers 2 Passengers, 1 Pilot
Gross Weight 2900 Lbs.
Weight Empty 1837 Lbs.
Useful Load 1063 Lbs.
Pay Load 416 Lbs.
Fuel Capacity 68 Gal.
(26 in center section)
(42 in wing tanks)
Oil Capacity 6 Gal.

DIMENSIONS
Span Overall 33 Ft. 0 In.
Length Overall 23 Ft. 7 In.
Height Overall 8 Ft. 9 In.
Chord of Wing
(Upper) 5 Ft. 6 In.
(Lower) 4 Ft. 8 In.
Wing Area 289 Sq. Ft.
Wing Loading (Lbs. per Sq. Ft.) 10.1
Power Loading (Lbs. per Sq. Ft.) 14.5

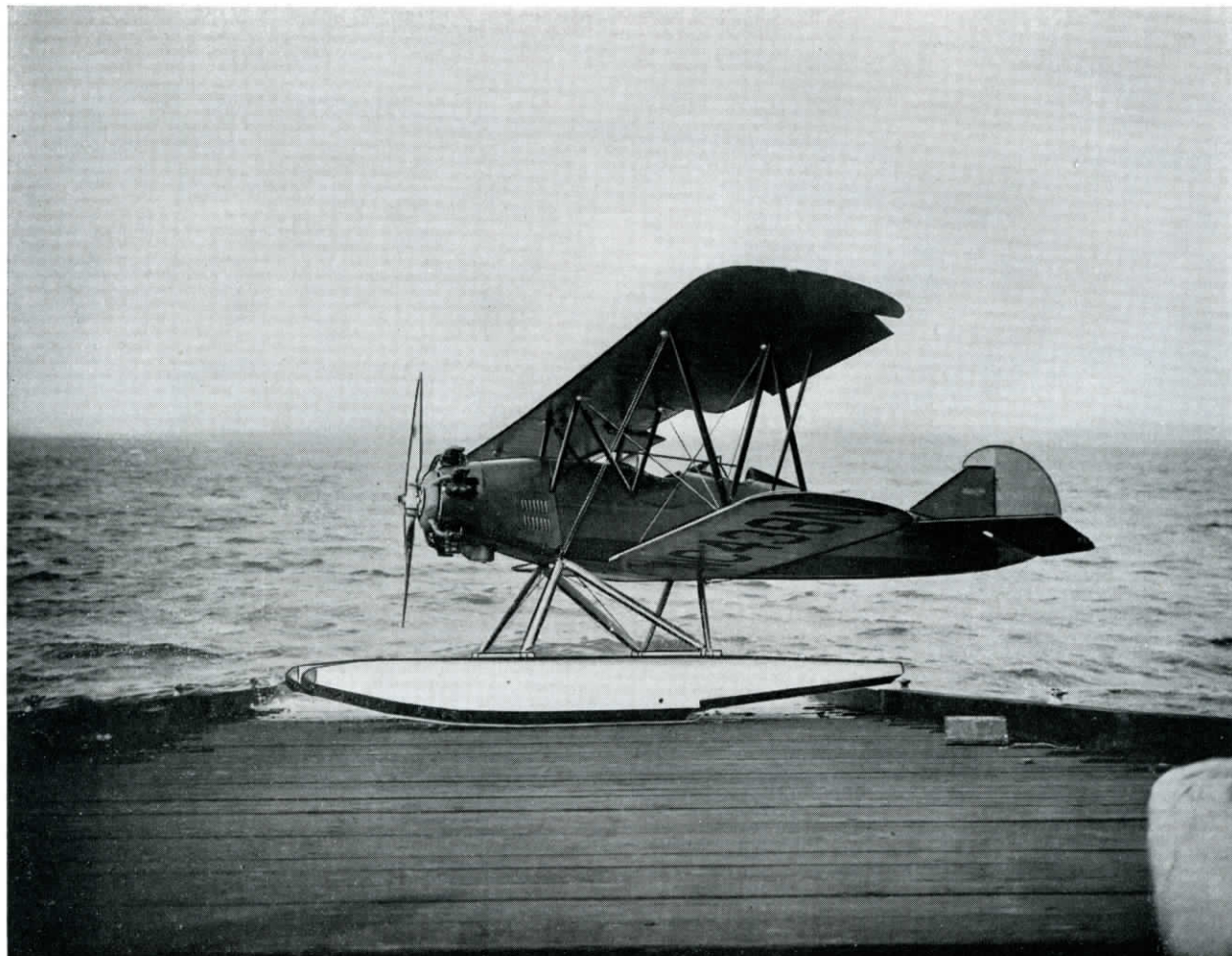
PERFORMANCE
High Speed 132 M.P.H.
Cruising Speed 104 M.P.H.
Landing Speed 50 M.P.H.
Rate of Climb 900 F.P.M.
Service Ceiling 14,500 Ft.
Absolute Ceiling 16,500 Ft.
Cruising Range 550 Mi.

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STANDARD EQUIPMENT

INSTRUMENTS: Tachometer, Oil Temperature and Pressure Gauges, Magnetic Compass, Air Speed Indicator, Altimeter.
LIGHTS: Wired for navigation lights; no lights fitted.
WHEELS: 30 x 5 inches.
BRAKES: Bendix.
STARTER: Eclipse hand inertia, type 16.

CHASSIS: Oleo.
HEATERS: Exhaust Heater in cockpit.
UPHOLSTERY: Genuine Spanish leather and head rest.
COLOR: Blue or black fuselage, orange wings; blue fuselage and silver wings.
NIGHT FLYING EQUIPMENT: Complete with landing lights, 12-volt battery and two flares, \$500 additional.
MISCELLANEOUS EQUIPMENT: Fire extinguisher and first aid kit.



Side view of Travel Air Type "4-D" with Edo Floats

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SPECIFICATIONS

TYPE "4-D"

WITH EDO TYPE 3300 FLOATS

Total Allowable Gross Weight	3000 Lbs.
Actual Weight Light as Seaplane	2144 Lbs.
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Allowable Useful Load	856 Lbs.
Useful Load Broken Down as follows:	
Gas 50 Gal.	300 Lbs.
Oil 6 Gal.	45 Lbs.
Pilot and 2 Passengers	510 Lbs.
Tools	1 Lb.
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	856 Lbs.

PERFORMANCE

Wind velocity 15 M.P.H.—Slightly choppy water.	
Takeoff	10 seconds
Indicated high speed	127 M.P.H.
Indicated stalling speed	50 M.P.H.
Climb	850 F.P.M.

This ship shows no tendency whatsoever to oscillate in normal takeoff. Floats are very steady when the transom is lifted from the water. On experimental takeoff with throttle wide open without touching controls, this ship gets up on step and picks up flying speed without porpoising and without pressure. The ship is absolutely stable in all directions and gives an exceptionally fine performance.