



REPUBLIC AVIATION CORPORATION
FARMINGDALE, LONG ISLAND, NEW YORK
• • • SERVICE DEPARTMENT • • •

June 3, 1947

No. 29

SEABEE PERFORMANCE AT HIGH ALTITUDES

The loading and performance of the Seabee must be given serious consideration in preparation for take-offs at higher altitudes, especially when relatively high outside air temperatures are anticipated.

A good indication of the performance you may expect from your Seabee may be noted in the Rate of Climb Charts in your "C.A.A. Approved Airplane Flight Manual for the Republic Model RC-3" which is included in your Seabee. Note carefully the adverse effects of higher temperatures. As an example, the length of take-off at 6000 ft. to clear a 50-ft. obstacle with a 0° fair temperature is 3840 ft. while at a temperature of 100°F the take-off distance is 7320 ft.

REVERSING THE PROPELLER PITCH

There is an apparent misinterpretation of the meaning of the word "idle" when referring to engine speed while reversing the pitch of the propeller. In this case, "idle" means approximately 1000 R.P.M. in order to have the sufficient engine oil pressure for proper operation of the propeller.

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