



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

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### AIRSPEED CALIBRATION

On Seabees with the pitot tube on the cabin roof instead of on the outboard end of the wing, it has been found that the airspeed indicator readings are affected by opening the cabin vents because of the pitot Installation having its static side vented inside the cabin. The calibration with vents closed is in very close agreement with that obtained on earlier aircraft with the pitot tube on the wing and incorporated in the C.A.A. approved Airplane Flight Manual.

At high speed, opening the vents reduces the airspeed indicator reading by 3 M.P.H. while in the low speed range, opening all vents causes a 6 M.P.H. reduction in reading. Opening only the forward vents produces 3 M/P/H/ change.

It is recommended that owners of all Seabees with pitot tube on the cabin roof check their airplanes for this condition and make the necessary allowances for airspeed indicator readings when necessary.

W. H. Ehmann  
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