



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

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BLADE EROSION

Hartzell Propeller Company has advised that they have developed an armored tipping for the outer 8 inches of the blade. This can be installed on any blade at the Hartzell factory. They advise that the standard price for the tipping alone is \$6.25 per blade while refinishing the entire blade if necessary costs an additional \$3.00.

It is important that the blades be retipped before the water erodes the p[plastic blade as the damage is then often beyond repair. Therefore it is recommended that the blades be checked periodically so that corrective action can be taken if necessary.

A number of distributors have propeller blades and hub assemblies, which can be rented while the original propeller is undergoing repair. This assembly can be exchanged on an airplane in a matter of twenty minutes thereby eliminating the need for keeping the Seabee idle.

MAINTENANCE TIPS

To prevent water from entering the blade assembly and causing corrosion and propeller malfunctioning, it is recommended that the propeller be placed in the horizontal position whenever the airplane is moored out of doors.

It is also recommended that at each preflight the propeller be cycled into full reverse pitch four or five times. If the airplane is not being used daily, the engine should be run and the propeller operated preferably twice a week and at least once a week to keep the parts operating satisfactorily.

It has been determined from service experience that the propeller will give better performance if greased every ten hours or more often if the airplane is not used daily.

W. H. Ehmann
Service Manager