



FAA
Aviation Safety

SPECIAL AIRWORTHINESS INFORMATION BULLETIN

SUBJ: Propeller Controlling System

SAIB: NE-14-15

Date: April 18, 2014

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin alerts you, owners, operators, and certificated repair facilities of aircraft equipped with **Hartzell Propeller, Inc. various propeller models** that have certain serial numbers and part numbers (P/N) of the potential for corrosion of the guide rods. This corrosion could lead to inability to adjust the pitch of your propeller. A detailed list of effectivity can be found in Hartzell Propeller Alert Service Bulletin (ASB) HC-ASB-61-351. At this time the airworthiness concern is not an unsafe condition that would warrant airworthiness directive action under Title 14 of the Code of Federal Regulations (14 CFR) part 39.

Background

We have received reports of Hartzell guide rods, P/N A-717, which have developed extensive corrosion. The corrosion on these guide rods may cause binding in the guide collar, which reduces or prevents the propeller from changing pitch to a full feather angle. The inability to feather may lead to decreased aircraft performance in cases where an engine shuts down in flight and may be particularly dangerous if the engine is shut down during takeoff.

Recommendation

The FAA recommends that you follow the instructions in Hartzell ASB HC-ASB-61-351 to remove the affected part.

For Further Information Contact

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For Related Service Information Contact

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