

**HARTZELL PROPELLER INC.**  
**SERVICE LETTER**

**TRANSMITTAL SHEET**

**HC-SL-61-225**

**Spinner - Spinner Dome and Bulkhead Assembly  
Manufacturing Process Improvements**

December 18, 2003

This page transmits Revision 1 to Service Letter HC-SL-61-225.

- Original, dated October 14/03
- Revision 1, dated December 18/03

FAA approval has been obtained on technical data in this publication that affects type design.

Changes are shown by a change bar in the left margin of the revised pages.

Some of these changes that do not affect technical content may not be highlighted in this transmittal sheet.

This revision is issued to change the following:

- Shows location of "C" suffix on label and etched on parts.

This Service Letter is reissued in its entirety.

# HARTZELL PROPELLER INC.

# SERVICE LETTER

HC-SL-61-225

## Spinners - Spinner Dome and Bulkhead Assembly Manufacturing Process Improvements

### 1. Planning Information

#### A. Effectivity

All Hartzell Propeller spinner and bulkhead assemblies are affected by this Service Letter.

#### B. Reason

As a result of previous service difficulties, manufacturing process changes have been implemented to improve the quality of spinner domes and bulkhead assemblies. As of October, 2003, Hartzell will implement a CNC manufacturing process for spinner domes and bulkheads.

#### C. Description

- (1) This Service Letter announces that manufacturing process improvements have been made to Hartzell spinner domes and bulkhead assemblies. Spinner domes and bulkhead assemblies manufactured with the new process will be gradually introduced to the field.
- (2) Existing part numbers for Hartzell spinner domes and bulkheads will remain the same; however, each part serial number now include a suffix "C" , e.g., AZ-1234 **C** to indicate that the part was manufactured using the new CNC machining process. Refer to Figure 1.

NOTE: The part serial number is etched inside the spinner dome and on the forward surface of the bulkhead, located to the right of one of the cut-outs. It is also located on a label placed adjacent to the etched number.

- (3) The spinner dome and bulkhead assembly parts that include the part serial number with the "C" suffix are not interchangeable with previously manufactured parts that have a non-suffix part serial number. Spinner dome and bulkhead assembly parts that include the "C" suffix part serial number are interchangeable with other assembly parts with "C" suffix part serial numbers.

NOTE: New CNC manufactured parts are identified in the part description as "CNC" to advise the customer of a possible interchangeability issue.

#### D. Approval

FAA approval has been obtained on technical data in this publication that affects type design.

#### E. Other Publications Affected

Hartzell Spinner Assembly and Maintenance Manual 127 (61-16-27)

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PART NO.  
**C-3532-5P**  
SER. NO.  
**AH-1101 C**  
REV. AW

Spinner Label

**AH-1101C**

Etched Spinner Serial  
Number

**Spinner Identification  
Figure 1**