

**HARTZELL PROPELLER INC.**  
**SERVICE LETTER**  
**TRANSMITTAL SHEET**  
**HC-SL-61-367**  
**107995-( ) Counterweight Mounting Bolts**

December 17, 2020

This page transmits a revision to Service Letter HC-SL-61-367.

- Original Issue, dated May 29/20
- Revision 1, dated Dec 17/20

Propeller assemblies that have previously complied with an earlier revision of this Service Letter are affected.

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

Revision 1 is issued to change the following in the Service Letter:

- This revision changes the disposition of the 107995-( ) bolts from a "supersedure" to a "replacement" for the A-2036-( ) cap screws.

NOTE: The 107995-( ) bolts were introduced as "supersedures" for the A-2036-( ) cap screws in the original release of this Service Letter.

This Service Letter is reissued in its entirety.

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A. Effectivity

- (1) All Hartzell Propeller Inc. steel hub propeller models that use A-2036-( ) cap screws to attach counterweights or link pin units are affected by this Service Letter.
- (2) Hartzell Propeller Inc. lightweight turbine propeller models HC-E4P-5(E) and HC-E5B-5( ) that use A-2036-( ) cap screws to attach counterweights are affected by this Service Letter.

**WARNING:** DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE LETTER. INFORMATION CONTAINED IN THIS SERVICE LETTER MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THIS SERVICE LETTER OR THE USE OF OBSOLETE INFORMATION MAY CREATE AN UNSAFE CONDITION THAT MAY RESULT IN DEATH, SERIOUS BODILY INJURY, AND/OR SUBSTANTIAL PROPERTY DAMAGE. REFER TO THE SERVICE LETTER INDEX FOR THE MOST RECENT REVISION LEVEL OF THIS SERVICE LETTER.

B. Concurrent Requirements

- (1) Additional service documents may apply to the components/propellers affected by this Service Letter. Compliance with additional service documents may be necessary in conjunction with the completion of the Accomplishment Instructions in this Service Letter. Refer to the Hartzell Propeller Inc. website at [www.hartzellprop.com](http://www.hartzellprop.com) for a cross-reference of service documents.

C. Reason

- (1) Hartzell has incorporated a design improvement to the counterweight mounting hardware used on the affected propellers.

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D. Description

- (1) This Service Letter provides Additional Maintenance Information (AMI).
- (2) Revision 1 of this Service Letter changes the disposition of the 107995-( ) bolts from a "supersedure" to a "replacement" for the A-2036-( ) cap screws used on the affected propellers.
  - (a) Refer to the Material Information section in this Service Letter for a cross-reference of the A-2036-( ) cap screws and the applicable 107995-( ) bolts that replace them.
  - (b) "Replacement" requires A-2036-( ) bolts to be removed and replaced with the applicable 107995-( ) bolts at next propeller overhaul or disassembly, whichever occurs first.
- (3) This Service Letter provides instructions for installing and torquing the 107995-( ) bolts
- (4) Hartzell Propeller Inc. will manufacture affected propeller models with 107995-( ) bolts after the original release date of this Service Letter.
  - (a) Orders for A-2036-( ) cap screws will be replaced with the applicable 107995-( ) bolt.

E. Approval

- (1) This technical document is approved by Hartzell Propeller Inc.

**CAUTION: DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF A DOCUMENT.**

F. References

- (1) Hartzell Propeller Inc. Hydro-Selective Propeller Overhaul Manual 100E (61-10-00)
- (2) Hartzell Propeller Inc. Overhaul Instructions Manual 105A (61-10-05)
- (3) Hartzell Propeller Inc. Constant Speed and Feathering Two-and Three-Blade Propeller Inspection, Repair, and Overhaul Manual 114B
- (4) Hartzell Propeller Inc. -3 and -5 Steel "A" Hub Propeller Maintenance Manual 114C (61-10-14)
- (5) Hartzell Propeller Inc. Steel Hub Turbine Propeller Maintenance Manual 118F (61-10-18)

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- (6) Hartzell Propeller Inc. Five-Blade Steel Hub Turbine Engine Propeller Overhaul and Maintenance Manual 132A (61-10-32)
- (7) Hartzell Propeller Inc. Composite Propeller Blade Maintenance Manual 135F (61-13-35)
- (8) Hartzell Propeller Inc. Four-Blade Lightweight Turbine Propeller Instruction Manual 156A (61-10-56)
- (9) Hartzell Propeller Inc. -1, -4, -6 Series Steel "A" Hub Propeller Maintenance Manual 171 (61-10-71)
- (10) Hartzell Propeller Inc. -2 Series Steel "A" Hub Propeller Maintenance Manual 172 (61-10-72)
- (11) Hartzell Propeller Inc. Steel Hub Reciprocating Propeller Overhaul and Maintenance Manual 177 (61-10-77)
- (12) Hartzell Propeller Inc. Standard Practices Manual 202A (61-01-02)

**G. Other Publications Affected**

- (1) Hartzell Propeller Inc. Hydro-Selective Propeller Overhaul Manual 100E (61-10-00)
- (2) Hartzell Propeller Inc. Overhaul Instructions Manual 105A (61-10-05)
- (3) Hartzell Propeller Inc. Constant Speed and Feathering Two-and Three-Blade Propeller Inspection, Repair, and Overhaul Manual 114B
- (4) Hartzell Propeller Inc. -3 and -5 Steel "A" Hub Propeller Maintenance Manual 114C (61-10-14)
- (5) Hartzell Propeller Inc. Steel Hub Turbine Propeller Maintenance Manual 118F (61-10-18)
- (6) Hartzell Propeller Inc. Five-Blade Steel Hub Turbine Engine Propeller Overhaul and Maintenance Manual 132A (61-10-32)
- (7) Hartzell Propeller Inc. Composite Propeller Blade Maintenance Manual 135F (61-13-35)
- (8) Hartzell Propeller Inc. Four-Blade Lightweight Turbine Propeller Instruction Manual 156A (61-10-56)
- (9) Hartzell Propeller Inc. -1, -4, -6 Series Steel "A" Hub Propeller Maintenance Manual 171 (61-10-71)

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- (10) Hartzell Propeller Inc. -2 Series Steel "A" Hub Propeller Maintenance Manual 172 (61-10-72)
- (11) Hartzell Propeller Inc. Steel Hub Reciprocating Propeller Overhaul and Maintenance Manual 177 (61-10-77)
- (12) Hartzell Propeller Inc. Standard Practices Manual 202A (61-01-02)

2. Material Information

A. Part Number Cross-Reference

<u>Part Number</u>	<u>Replaced By:</u>
A-2036-12	107995-12
A-2036-14	107995-14
A-2036-16	107995-16
A-2036-22	107995-22
A-2036-24	107995-24
A-2036-30	107995-30
A-2036-32	107995-32

3. Accomplishment Instructions

A. 107995-( ) Bolt Installation and Torque

- (1) Install, torque, and safety the 107995-( ) bolt in accordance with the instructions for the A-2036-( ) cap screw in the applicable Hartzell Propeller Inc. overhaul/maintenance manual.

B. Contact Information

Hartzell Propeller Inc.  
Attn.: Hartzell Propeller Inc. Product Support  
One Propeller Place  
Piqua, Ohio 45356-2634 USA  
Phone: (001) 937.778.4379  
Fax: (001) 937.778.4391  
E-mail: techsupport@hartzellprop.com