

HARTZELL PROPELLER INC.
SERVICE BULLETIN
TRANSMITTAL SHEET
HC-SB-61-382
Propeller - 107150 Counterweight Clamp

November 01, 2018

This page transmits a revision to Service Bulletin HC-SB-61-382.

- Original Issue, dated Jun 01/18
- Revision 1, dated Nov 01/18

Propeller assemblies that have previously complied with a prior revision of this Service Bulletin 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 Bulletin:

- Revise the section, "Concurrent Requirements"
- Revise the section, "References"

This Service Bulletin is reissued in its entirety.

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1. Planning Information

A. Effectivity

- (1) Hartzell Propeller Inc. lightweight turbine propellers HC-E5A-2()/E9193() installed on Pilatus PC-21 aircraft are affected by this Service Bulletin

WARNING: DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE BULLETIN. INFORMATION CONTAINED IN THIS SERVICE BULLETIN MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THIS SERVICE BULLETIN 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 BULLETIN INDEX FOR THE MOST RECENT REVISION LEVEL OF THIS SERVICE BULLETIN.

B. Concurrent Requirements

- (1) Refer to Pilatus Aircraft Ltd. Service Letter 067 in conjunction with this Hartzell Propeller Inc. Service Bulletin.
 - (a) Pilatus Service Letter 067 has additional requirements related to the Hartzell Propeller Inc. counterweight clamps used on PC-21 aircraft.
- (2) Additional service documents may apply to the components/propellers affected by this Service Bulletin. Compliance with additional service documents may be necessary in conjunction with the completion of the Accomplishment Instructions in this Service Bulletin. Refer to the Hartzell Propeller Inc. website at www.hartzellprop.com for a cross-reference of service documents.

C. Reason

- (1) Hartzell Propeller Inc. is introducing the 107150 counterweight clamp as a supersedure for the E-7486 counterweight clamp used on the affected propellers.
 - (a) The 107150 clamp has the same design features as the E-7486 clamp, but the 107150 clamp is made from material that has shown greater durability in corrosive environments.

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D. Description

- (1) This Service Bulletin provides Instructions for Continued Airworthiness (ICA).
- (2) This Service Bulletin provides instructions for installation/removal of the 107150 counterweight clamps on the affected propellers.
- (3) This Service Bulletin provides instructions for overhaul inspection of the 107150 counterweight clamp.
- (4) Affected propellers manufactured by Hartzell Propeller Inc. after the release of this Service Bulletin will include the 107150 counterweight clamps.
 - (a) Hartzell Propeller Inc. will replace orders for E-7486 counterweight clamps with 107150 counterweight clamps.
- (5) Installation of 107150 counterweight clamps and E-7486 counterweight clamps on the same propeller is permitted.

E. Compliance

- (1) When inspection of a 107150 counterweight clamp is required, inspect the clamp in accordance with the Accomplishment Instructions in this Service Bulletin.

F. Approval

- (1) FAA acceptance has been obtained on technical data in this publication that affects type design.

G. Weight and Balance

- (1) Not changed

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H. References

- (1) Pilatus Aircraft Ltd. Service Letter 067
- (2) Hartzell Propeller Inc. Composite Propeller Blade Maintenance Manual 135F (61-13-35), Revision 30 or later

I. Other Publications Affected

- (1) Hartzell Propeller Inc. Composite Propeller Blade Maintenance Manual 135F (61-13-35), Revision 30 or later

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2. Material Information

A. Counterweight Clamp Information

CAUTION: INSTRUCTIONS AND PROCEDURES IN THIS SERVICE BULLETIN MAY INVOLVE PROPELLER CRITICAL PARTS. REFER TO THE APPLICABLE PROPELLER OVERHAUL OR OWNER'S MANUAL FOR INFORMATION ABOUT PROPELLER CRITICAL PARTS.

<u>Part Number</u>	<u>Description</u>
107150	PCP: Clamp, Counterweight (Supersedes E-7486)

3. Accomplishment Instructions

CAUTION: INSTRUCTIONS AND PROCEDURES IN THIS SERVICE BULLETIN MAY INVOLVE PROPELLER CRITICAL PARTS. REFER TO THE APPLICABLE PROPELLER OVERHAUL OR OWNER'S MANUAL FOR INFORMATION ABOUT PROPELLER CRITICAL PARTS.

A. 107150 Counterweight Clamp Installation/Removal

- (1) Counterweight clamp installation/removal must be performed by a certified propeller repair station with the appropriate rating.
- (2) Installation
 - (a) Install new or serviceable 107150 counterweight clamps in accordance with the instructions for installing the E-7486 counterweight clamps in Hartzell Propeller Inc. Composite Propeller Blade Maintenance Manual 135F (61-13-35), Revision 30 or later.
 - 1 Make an entry in the propeller logbook indicating that the 107150 counterweight clamps were installed in accordance with this Service Bulletin.
- (3) Removal
 - (a) Remove 107150 counterweight clamps in accordance with the instructions for removing the E-7486 counterweight clamps in Hartzell Propeller Inc. Composite Propeller Blade Maintenance Manual 135F (61-13-35).

B. 107150 Counterweight Clamp Overhaul Inspection

- (1) Inspect the 107150 counterweight clamp in accordance with the inspection criteria for the E-7486 counterweight clamp in Hartzell Propeller Inc. Composite Propeller Blade Maintenance Manual 135F (61-13-35), Revision 30 or later.

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C. Recommended Service Facilities

- (1) Hartzell Propeller Inc. has a worldwide network of Recommended Service Facilities for overhaul and repair of our products.
- (2) Each service facility must meet standard FAA requirements and additional Hartzell Propeller requirements before being recommended by Hartzell Propeller Inc. Each service facility is audited by Hartzell Propeller Inc. to verify the continuation of the standards.
- (3) Hartzell Propeller Inc. recommends that you use one of these service facilities when having your propeller overhauled or repaired.
- (4) For a current list of Hartzell Propeller Inc. Recommended Service Facilities, contact Hartzell Propeller Inc. Product Support or refer to the Hartzell Propeller Inc. website at www.hartzellprop.com.

D. Contact Information

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