

HARTZELL PROPELLER INC.
SERVICE LETTER

HC-SL-61-371

Introduction of Alternate O-ring (p/n C-3317-AR-157)

1. Planning Information

A. Effectivity

- (1) Hartzell Propeller Inc. steel hub propeller models HC-92(W,Z)(F,K)-(1,8) 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WARNING: DO NOT USE OBSOLETE OR OUTDATED INFORMATION.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 for a cross-reference of service documents.

C. Reason

- (1) Hartzell Propeller Inc. has received reports of grease leaking around the blade clamps on affected propellers.
- (2) Hartzell Propeller Inc. has tested and approved an alternate O-ring (p/n C-3317-AR-157) that can be installed if a grease leak is detected around the blade clamps on affected propellers.

HARTZELL PROPELLER INC.
SERVICE LETTER

HC-SL-61-371

Introduction of Alternate O-ring (p/n C-3317-AR-157)

D. Description

- (1) This Service Letter provides Additional Maintenance Information (AMI).
- (2) This Service Letter introduces the C-3317-AR-157 O-ring as an alternate for the C-3317-229 O-ring used on the blade clamps of affected propellers.
- (3) This Service Letter provides instructions for a visual inspection that can be done during assembly to determine which O-ring (C-3317-AR-157 or C-3317-229) should be used.

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CAUTION: DO NOT USE OBSOLETE OR OUTDATED INFORMATION.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.

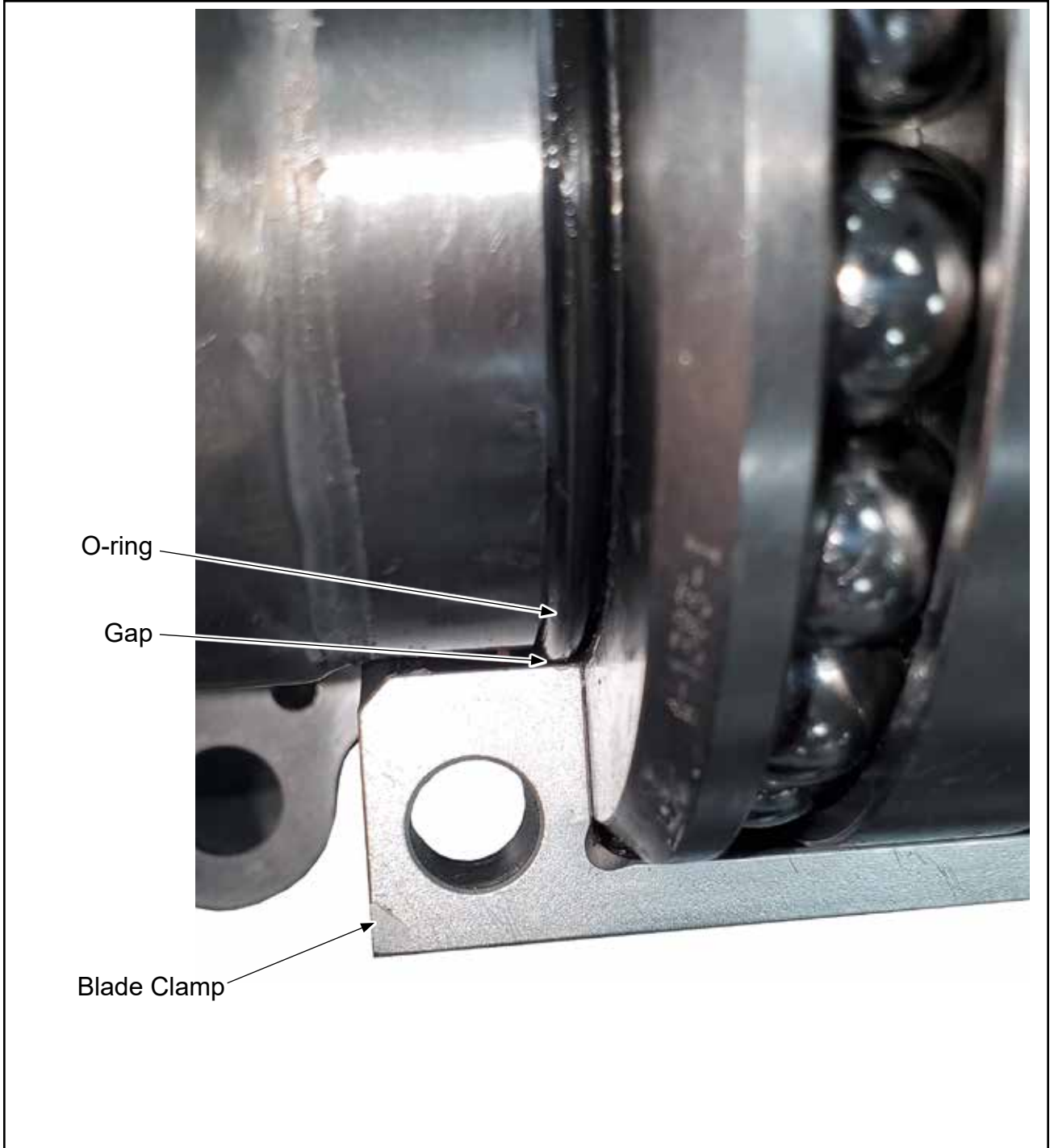
2. Material Information

A. O-ring Cross Reference

Part Number	Description	Alternate for:
C-3317-AR-157	O-ring (blade clamp)	C-3317-229

HARTZELL PROPELLER INC.
SERVICE LETTER
HC-SL-61-371

Introduction of Alternate O-ring (p/n C-3317-AR-157)



O-ring

Gap

Blade Clamp

Visual O-ring Inspection
Figure 1

HARTZELL PROPELLER INC.
SERVICE LETTER

HC-SL-61-371

Introduction of Alternate O-ring (p/n C-3317-AR-157)

3. Accomplishment Instructions

A. Visual O-ring Inspection

- (1) During the assembly process, install a new C-3317-229 O-ring then check for a gap between the blade clamp half and the O-ring. Refer to Figure 1.
 - (a) If there is no gap between the blade clamp half and the C-3317-229 O-ring, the assembly process can be completed using the C-3317-229 O-ring.
 - (b) If there is a gap between the blade clamp half and the C-3317-229 O-ring, remove the C-3317-229 O-ring and install a new C-3317-AR-157 O-ring.
 - 1 After installing C-3317-AR-157 O-rings, blades, and blade clamps, manually rotate the blades to check for excessive friction.
 - a If there is excessive friction, remove the C-3317-AR-157 O-ring and reinstall the C-3317-229 O-ring.

B. 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.

C. 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) 937.778.4215
E-mail: techsupport@hartzellprop.com