

HARTZELL PROPELLER INC.
SERVICE LETTER

HC-SL-30-308

De-ice: Hartzell Propeller Inc. PMA De-ice Components

December 07, 2022

This page transmits a revision to Service Letter HC-SL-30-308.

- Original Issue, dated Apr 18/12
- Revision 1, dated Dec 07/22

Propeller assemblies that have previously complied with 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 this Service Letter:

- Revise Table 1, "Installation Approvals - De-ice Boots"
- Revise Table 2, "Installation Approvals - Wire Harness"

This Service Letter is reissued in its entirety.

HARTZELL PROPELLER INC.
SERVICE LETTER
HC-SL-30-308

De-ice: Hartzell Propeller Inc. PMA De-ice Components

(Blank Page)

HARTZELL PROPELLER INC.
SERVICE LETTER
HC-SL-30-308

De-ice: Hartzell Propeller Inc. PMA De-ice Components

1. Planning Information

A. Effectivity

- (1) Propellers and aircraft listed in Table 1 of this Service Letter are affected by this Service Letter.
- (2) Hartzell Propeller Inc. propeller mounted ice protection system components listed in Table 1 have FAA-PMA approval.

WARNING: DO NOT USE OBSOLETE OR OUTDATED INFORMATION.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. 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) This Service Letter introduces Hartzell Propeller Inc. FAA-PMA approval for propeller mounted ice protection system components.

D. Description

- (1) When installed on a propeller/aircraft listed in Table 1 of this Service Letter, the Hartzell components are FAA-PMA approved alternates for the currently approved components.

E. Approval

- (1) FAA-PMA approval has been obtained on technical data in this publication that affects type design. FAA approval letter dated March 16, 2012 with PMA No. PQ2040CE.

HARTZELL PROPELLER INC.
SERVICE LETTER
HC-SL-30-308

De-ice: Hartzell Propeller Inc. PMA De-ice Components

2. Accomplishment Instructions

A. Propeller/Aircraft Combination

- (1) To determine the correct application for a propeller/aircraft combination, consult the aircraft or propeller manufacturer's manual.

B. Instructions For Continued Airworthiness

- (1) Refer to the original equipment manufacturer's (OEM) instructions for continued airworthiness for propeller mounted ice protection system components.

Part Name	Part Number	Approved Eligibility Replacement for OEM Part Number	Make/Eligibility	Model/Eligibility
De-ice Boot	4H1214-3	Goodrich 4E1214-3	McCauley Propeller Systems	2A36C23/84B-0, 3A32C76/82NB-2, 2A36C82/84B-0, E2A34C70/90AT-8, E2A34C73/90AT-8, D3A32C88/82NC-2
De-ice Boot	4H1188-2	Goodrich 4E1188-2	McCauley Propeller Systems	E2A34C70/90AT-8, E2A34C73/90AT-8, D3A32C88/82NC-2
De-ice Boot	4H2200-4	Goodrich 4E2200-4	McCauley Propeller Systems	B2D34C214/90DHB-8
De-ice Boot	103309	McCauley B-40245-52	McCauley Propeller Systems	4HFR34C766/94LNA-2, 4HFR34C762/94LMA-4, 4HFR34C764/94LMB-0, 3AF32C504/82NEA-4, 3AF32C511/82NEA-4, 3AF32C512/82NEA-5, 4HFR34C754/94LA-0, 4HFR34C762/94LMA-4, 4HFR34C763/94LMA-4, 4HFR34C764/94LMB-0, 4GFR34C766/94LNA-2,
De-ice Boot	103310	McCauley B-40245-53	McCauley Propeller Systems	B3D36C432/80VSA-0, B3D36C442/80VSB-1

Installation Approvals - De-ice Boots
Table 1, page 1 of 3

HARTZELL PROPELLER INC.
SERVICE LETTER

HC-SL-30-308

De-ice: Hartzell Propeller Inc. PMA De-ice Components

Part Name	Part Number	Approved Eligibility Replacement for OEM Part Number	Make/Eligibility	Model/Eligibility
De-ice Boot	103310	McCauley B-40245-53	McCauley Propeller Systems	D3A32C409/82NDB-2, 3A32C406/82NDB-2, 2A36C23/84B-0, 2A36C82/84B-2, 3A36C76/82NB-2, B3D32C417/82NRD-7
De-ice Boot	103311	McCauley B-40245-54	McCauley Propeller Systems	3GFR34C703/106GA-0, 4HFR34C775/96MGA-0, 4JFR34C758/106LNA-1
De-ice Boot	103312	McCauley B-40245-56	McCauley Propeller Systems	4HFR34C661/90LNA-2, B3D36C526/80HJA-0, B3D36C527/L80HJA-0, 4HFR34C768/94LMA-4, 4HFR34C769/94LMA-4, 4HFR34C771/94LA-0, 4HFR34C773/94LMA-4, 5HFR34C1008/96LTA-0 5HFR34C1105/96LRB-9
De-ice Boot	103350	McCauley B-40245-50	McCauley Propeller Systems	3GFR34C702/100LA-2
De-ice Boot	103351	Goodrich 6615SW	McCauley Propeller Systems	3AF32C87/82NC-4, 3AF32C93/82NC-5.5
De-ice Boot	103352	Goodrich 6199SW	McCauley Propeller Systems	D3A34C404/80VA-0 D3A34C402/90DFA-10
De-ice Boot	103353	McCauley B-40183-07	McCauley Propeller Systems	4HFR34C652/L106LA-0
De-ice Boot	103356	McCauley B-40183-19	McCauley Propeller Systems	3AF32C504/82NEA-4, 3AF32C505/82NEA-5.5, 3AF32C506/82NEB-8, 3AF32C507/L82NEB-8, 3AF37C510/90LFB-0, 3AF37C516/90LFB-0, 3AF32C528/82NEA-4
De-ice Boot	103357	Goodrich 6623SW	McCauley Propeller Systems	B3D32C407/82NDA-3

Installation Approvals - De-ice Boots
Table 1, page 2 of 3

Apr 18/12
Revision 1, Dec 07/22

HC-SL-30-308
Page 3 of 6

HARTZELL PROPELLER INC.
SERVICE LETTER

HC-SL-30-308

De-ice: Hartzell Propeller Inc. PMA De-ice Components

Part Name	Part Number	Approved Eligibility Replacement for OEM Part Number	Make/Eligibility	Model/Eligibility
De-ice Boot	103359	McCauley B-40183-03	McCauley Propeller Systems	3FF32C501/90UMB-0, 3AF32C504/82NEA-4, 3AF32C505/82NEA-5.5, 3AF32C506/82NEB-8, 3AF32C507/L82NEB-8, 3AF36C514/90VMFA-2, 3GFR34C601/93JA-3, 3GFR34C701/93KB-0
De-ice Boot	104281	Goodrich 4E2351-3	McCauley Propeller Systems	2A34C216/90DHB-16E
De-ice Boot	104282	Goodrich 4E2303-10	McCauley Propeller Systems	3AF34C502/80HA-0, 3AF34C508/82NFA-6
De-ice Boot	104283	Goodrich 4E2292-10	McCauley Propeller Systems	3AF34C503/L80HA-0, 3AF34C509/L82NFA-6
De-ice Boot	104284	Goodrich 4E2271-10	McCauley Propeller Systems	3AF34C508/82NFA-6
De-ice Boot	104285	Goodrich 4E2200-10	McCauley Propeller Systems	3AF34C509/L82NFA-6
De-ice Boot	HP1601-10	Goodrich 4E1601-10	McCauley Propeller Systems	3AF32C93/82NC-() 3AF32C505/82NEA-() 3AF32C515/82NLA-()

Installation Approvals - De-ice Boots
Table 1, page 3 of 3

HARTZELL PROPELLER INC.

SERVICE LETTER

HC-SL-30-308

De-ice: Hartzell Propeller Inc. PMA De-ice Components

Part Name	Part Number	Approved Eligibility Replacement for OEM Part Number	Make/Eligibility	Model/Eligibility
Wire Harness	103761	McCauley B-40276	McCauley Propeller Systems	3GFR34C702/100LA-2
Wire Harness	103763	McCauley B-40330	McCauley Propeller Systems	4HFR34C763/94LMA-4, 4HFR34C762/94LMA-4, 4HFR34C754/90LA-0, 4HFR34C764/94LMB-0, 4HFR34C766/94LNA-2
Wire Harness	103764	McCauley B-40387	McCauley Propeller Systems	4HFR34C652/L106LA-0, 4HFR34C653/L106LA-0
Wire Harness	103765	McCauley B-40531	McCauley Propeller Systems	3GFR34C703/106GA-0
Wire Harness	103766	McCauley B-40585	McCauley Propeller Systems	4HFR34C768/94LMA-4, 4HFR34C769/94LMA-4, 4HFR34C773/94LMA-4, 4HFR34C771/94LA-0, 4HFR34C775/96MGA-0, 4HFR34C661/90LNA-0, 5HFR34C1008/96LTA-0, 5HFR34C1105/96LRB-9
Wire Harness	103767	McCauley B-5051 Cessna C165013-0604	McCauley Propeller Systems	(D)3AF32C87/82NC-4, 3AF32C504/82NEA-4, 3AF32C93/82NC-5.5, 3GFR34C701/93KB-0, 3GFR34C601/93JA-3
Wire Harness	4H2071-2	Goodrich 4E2071-2	McCauley Propeller Systems	3FF32C501/90UMB-0, 3AF32C504/82NEA-4, 3AF32C505/82NEA-5.5, 3AF32C515/82LNA-4
Wire Harness	3H2092-1	Goodrich 3E2092-1	McCauley Propeller Systems	D3AF32C80/82NC-4, 3AF32C504/82NEA-4, 3AF32C505/82NEA-5.5, 3AF34C74/90LF-0, 3AF34C92/90LF-0
Wire Harness	3H2092-5	Goodrich 3E2092-5	McCauley Propeller Systems	3AF34C502/80HA-0, 3AF34C503/L80HA-0, 3AF34C508/82NFA-6, 3AF34C509/L82NFA-6

Installation Approvals - Wire Harness

Table 2

HARTZELL PROPELLER INC.
SERVICE LETTER
HC-SL-30-308

I De-ice: Hartzell Propeller Inc. PMA De-ice Components

(Blank Page)