

HARTZELL PROPELLER INC.
SERVICE LETTER

HC-SL-30-308

De-ice: Hartzell 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.

CAUTION: DO NOT USE OBSOLETE OR OUTDATED INFORMATION.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. Reason

- (1) This Service Letter introduces Hartzell Propeller Inc. FAA-PMA approval for propeller mounted ice protection system components.

C. 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.

D. 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.

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 aircraft or propeller manufacturer's instructions for continued airworthiness for propeller mounted ice protection system components.

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Part Name	Part Number	Approved Eligibility Replacement for Part Number	Aircraft Model	Model Eligibility
De-ice Boot	4H1214-3	Goodrich 4E1214-3	Aircraft: Beech 33, 35, 36	With Propeller: McCauley 2A36C23/84B-0, 3A32C76/82NB-2, 2A36C82/84B-0
De-ice Boot	4H1214-3	Goodrich 4E1214-3	Aircraft: Cessna 210, T210	With Propeller: McCauley E2A34C70/90AT-8, E2A34C73/90AT-8, D3A32C88/82NC-2
De-ice Boot	4H1188-2	Goodrich 4E1188-2	Aircraft: Cessna (T)210L	With Propeller: McCauley E2A34C70/90AT-8, E2A34C73/90AT-8, D3A32C88/82NC-2
De-ice Boot	4H2200-4	Goodrich 4E2200-4	Aircraft: Mooney M20J	With Propeller: McCauley B2D34C214/90DHB-8
De-ice boot	103309	McCauley B-40245-52	Aircraft: Beech 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 58(A), 58P(A), 58TC(A), 95-C55(A), D55(A), E55(A), 65-A90, 65- A90-1, 65-A90-4, B90, C90, C90A, E90, 100, A100, B100, 200, 200C, 200T, 200CT, A200C (UC-12B), A200CT (C-12D, FWC-12D, RC-12D) , B200, B200C (C12F), B200CT, B200T	With Propeller: McCauley 3AF32C504/82NEA-4, 3AF32C511/82NEA-4, 3AF32C512/82NEA-5, 4HFR34C754/94LA-0, 4HFR34C762/94LMA-4, 4HFR34C763/94LMA-4, 4HFR34C764/94LMA-4, 4GFR34C766/94LNA-2, 5HFR34C1105/96LRB-9
De-ice Boot	103309	McCauley B-40245-52	Aircraft: Piper PA-31T, PA-31T1	With Propeller: McCauley 4HFR34C766/94LNA-2
De-ice Boot	103309	McCauley B-40245-52	Aircraft: Cessna 425	With Propeller: McCauley 4HFR34C762/94LMA-4

Installation Approvals - De-ice Boots
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Part Name	Part Number	Approved Eligibility Replacement for Part Number	Aircraft Model	Model Eligibility
De-ice Boot	103309	McCauley B-40245-52	Aircraft: Viking Air, Ltd. DHC-6-30	With Propeller: McCauley 4HFR34C764/94LMB-0
De-ice Boot	103310	McCauley B-40245-53	Aircraft: Cessna T182T, 206H, T206H	With Propeller: McCauley B3D36C432/80VSA-0, B3D36C442/80VSB-1
De-ice Boot	103310	McCauley B-40245-53	Aircraft: Beech A36, A36TC, B36TC, V35B, F33A	With Propeller: McCauley D3A32C409/82NDB-2, 3A32C406/82NDB-2, 2A36C23/84B-0, 2A36C82/84B-2, 3A36C76/82NB-2
De-ice Boot	103310	McCauley B-40245-53	Aircraft: Mooney M20M	With Propeller: McCauley B3D32C417/82NRD-7
De-ice Boot	103311	McCauley B-40245-54	Aircraft: Cessna 208, 208A, 208B	With Propeller: McCauley 3GFR34C703/106GA-0, 4HFR34C775/96MGA-0
De-ice Boot	103311	McCauley B-40245-54	Aircraft: Beech RC-12K, P, & Q (A200CT)	With Propeller: McCauley 4JFR34C758/106LNA-1
De-ice Boot	103312	McCauley B-40245-56	Aircraft: Cessna 441	With Propeller: McCauley 4HFR34C661/90LNA-2
De-ice Boot	103312	McCauley B-40245-56	Aircraft: Piper PA-31, PA-31-325, PA-31-350	With Propeller: McCauley B3D36C526/80HJA-0, B3D36C527/L80HJA-0

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Part Name	Part Number	Approved Eligibility Replacement for Part Number	Aircraft Model	Model Eligibility
De-ice Boot	103312	McCauley B-40245-56	Aircraft: Beech C90A, 200, 200C, 200T, 200CT, A200C (UC-12B), A200CT (RC-12D, C-12D, FWC-12D), B200, B200C (C-12F, C-12R), B200CT, B200T, 99, A99, A99A, B99, C99	With Propeller: McCauley 4HFR34C768/94LMA-4, 4HFR34C769/94LMA-4, 4HFR34C771/94LA-0, 4HFR34C773/94LMA-4, 5HFR34C1008/96LTA-0
De-ice Boot	103350	McCauley B-40245-50	Aircraft: Beech B200	With Propeller: McCauley 3GFR34C702/100LA-2
De-ice Boot	103351	Goodrich 6615SW	Aircraft: Cessna (T)310P,Q,R, 320D, E, F, 335, 340, 401, 401A, B, 402, 402A, B / 340, 340A, 402C, 414, 414A	With Propeller: McCauley 3AF32C87/82NC-4, 3AF32C93/82NC-5.5
De-ice Boot	103352	Goodrich 6199SW	Aircraft: Cessna 210, T210, P210, U206G, 207A	With Propeller: McCauley D3A34C404/80VA-0
De-ice Boot	103353	McCauley B-40183-07	Aircraft: British Aerospace 3101	With Propeller: McCauley 4HFR34C652/L106LA-0
De-ice Boot	103353	McCauley B-40183-07	Aircraft: M7 Aerospace (Fairchild) SA227-AC, SA227-AT, SA227-BC, SA227-CC, SA227-DC	With Propeller: McCauley 4HFR34C652/L106LA-0
De-ice Boot	103356	McCauley B-40183-19	Aircraft: Cessna T303 310C, D, E, F, G, H, I, 310J-1, 310P, Q, R, E310H, T310P, Q, R, 320D, E, F, 340, 340A, 401,401A, 401B, 402, 402A, B, C, 411(A), 414(A), 421, 421A, B	With Propeller: McCauley 3AF32C504/82NEA-4, 3AF32C505/82NEA-5.5, 3AF32C506/82NEB-8, 3AF32C507/L82NEB-8, 3AF37C510/90LFB-0, 3AF37C516/90LFB-0, 3AF32C528/82NEA-4

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Part Name	Part Number	Approved Eligibility Replacement for Part Number	Aircraft Model	Model Eligibility
De-ice Boot	103357	Goodrich 6623SW	Aircraft: Cessna TR182	With Propeller McCauley B3D32C407/82NDA-3
De-ice Boot	103359	McCauley B-40183-03	Aircraft: Cessna T303, 310P, 310Q, 310R, T310P, T310Q, T310R, 404, 414A, 414AW, 421C, 425, 441	With Propeller: McCauley 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	Aircraft: Mooney M20K	With Propeller McCauley 2A34C216/90DHB-16E
De-ice Boot	104282	Goodrich 4E2303-10	Aircraft: Piper PA-34-200T/ 220T Seneca II, III	With Propeller: McCauley 3AF34C503/L80HA-0, 3AF34C509/L82NFA-6
De-ice Boot	104283	Goodrich 4E2292-10	Aircraft: Piper PA-34-200T/ 220T Seneca II, III	With Propeller: McCauley 3AF34C502/80HA-0, 3AF34C508/82NFA-6
De-ice Boot	104284	Goodrich 4E2271-10	Aircraft: Piper PA-34-200T/ 220T Seneca III, IV	With Propeller: McCauley 3AF34C509/L82NFA-6
De-ice Boot	104285	Goodrich 4E2200-10	Aircraft: Piper PA-34-200T/ 220T Seneca III, IV	With Propeller: McCauley 3AF34C508/82NFA-6

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Part Name	Part Number	Approved Eligibility Replacement for Part Number	Make	Model Eligibility
Wire Harness	103761	McCauley B-40276	Aircraft Model: Beech B200, B200C (C12F, UC-12M) B200CT, B200T	With Propeller: McCauley 3GFR34C702/100LA-2
Wire Harness	103763	McCauley B-40330	Aircraft Model: Beech A90, A90-1, A90-4, B90, C90 (LJ-502 thru LJ-583)	With Propeller: McCauley 4HFR34C763/94LMA-4
Wire Harness	103763	McCauley B-40330	Aircraft Model: Beech C90 (LJ-584 and later), C90A, E90, 100, A100	With Propeller: McCauley 4HFR34C762/94LMA-4
Wire Harness	103763	McCauley B-40330	Aircraft Model: Beech A100-1, 200, 200C, 200T, A200C, A200CT, B200, B200C, B200T, B200CT, C12D, C12F, FWC-12D, RC-12D, UC-12B, U21J	With Propeller: McCauley 4HFR34C754/90LA-0
Wire Harness	103763	McCauley B-40330	Aircraft Model: Cessna 425	With Propeller: McCauley 4HFR34C762/94LMA-4
Wire Harness	103763	McCauley B-40330	Aircraft Model: DeHavilland DHC-6-300	With Propeller: McCauley 4HFR34C764/94LMB-0
Wire Harness	103763	McCauley B-40330	Aircraft Model: Piper PA31T, PA31T1	With Propeller: McCauley 4HFR34C766/94LNA-2
Wire Harness	103764	McCauley B-40387	Aircraft Model: M7 Aerospace SA227-AC, -AT, -BC, -CC, -DC	With Propeller: McCauley 4HFR34C652/L106LA-0
Wire Harness	103764	McCauley B-40387	Aircraft Model: BAE J3101	With Propeller: McCauley 4HFR34C652/L106LA-0

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Wire Harness	103764	McCauley B-40387	Aircraft Model: BAE J3201	With Propeller: McCauley 4HFR34C653/L106LA-0
Wire Harness	103765	McCauley B-40531	Aircraft Model: Cessna 208, A, B	With Propeller: McCauley 3GFR34C703/106GA-0
Wire Harness	103766	McCauley B-40585	Aircraft Model: Beech C90A	With Propeller: McCauley 4HFR34C768/94LMA-4
Wire Harness	103766	McCauley B-40585	Aircraft Model: Beech 99, 99A, A99, A99A, B99, C99	With Propeller: McCauley 4HFR34C769/94LMA-4, 4HFR34C773/94LMA-4
Wire Harness	103766	McCauley B-40585	Aircraft Model: Beech B100	With Propeller: McCauley 5HFR34C1105/96LRB-9
Wire Harness	103766	McCauley B-40585	Aircraft Model: Beech B200, B200C (C12F, C12R), B200CT, B200T	With Propeller: McCauley 4HFR34C771/94LA-0
Wire Harness	103766	McCauley B-40585	Aircraft Model: Beech 200, 200C, 200CT, 200T, A200C (UC-12B), A200CT (RC-12D, C-12D, FWC-12D), B200, B200C (C12F), B200CT, B200T	With Propeller: McCauley 5HFR34C1008/96LTA-0
Wire Harness	103766	McCauley B-40585	Aircraft Model: Cessna 208, A, B	With Propeller: McCauley 4HFR34C775/96MGA-0
Wire Harness	103766	McCauley B-40585	Aircraft Model: Cessna 441	With Propeller: McCauley 4HFR34C661/90LNA-0

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Part Name	Part Number	Approved Eligibility Replacement for Part Number	Make	Model Eligibility
Wire Harness	103767	McCauley B-5051 Cessna C165013-0604	Aircraft Model: Cessna 310, 335, 340, 340A, 401, 401A,402B, 402C, 414, 414A, 425, 441	With Propeller: McCauley (D)3AF32C87/82NC-4, 3AF32C504/82NEA-4, 3AF32C93/82NC-5.5, 3GFR34C701/93KB-0, 3GFR34C601/93JA-3
Wire Harness	4H2071-2	Goodrich 4E2071-2	Aircraft Model: Cessna 421C, 404, 320D, E, F, 340, 340A, 401, 401A, 401B, 402, 402A, B, C, 414, 414A	With Propeller: McCauley 3FF32C501/90UMB-0, 3AF32C504/82NEA-4, 3AF32C505/82NEA-5.5, 3AF32C515/82LNA-4
Wire Harness	3H2092-1	Goodrich 3E2092-1	Aircraft Model: Cessna 310J, K, L, N, E310J, T310P, 320D, E, F, 340, 401, 401A, B, 402, 402A, B, 411, 411A, 414, 421, 421A, B	With Propeller: McCauley D3AF32C80/82NC-4, 3AF32C504/82NEA-4, 3AF32C505/82NEA-5.5, 3AF34C74/90LF-0, 3AF34C92/90LF-0
Wire Harness	3H2092-5	Goodrich 3E2092-5	Aircraft Model: Piper PA-34-200T, PA-34-220T	With Propeller: McCauley 3AF34C502/80HA-0, 3AF34C503/L80HA-0, 3AF34C508/82NFA-6, 3AF34C509/L82NFA-6

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