

INST-061920

INSTRUCTIONS FOR INSTALLATION OF HARTZELL

HC-C3YF-1N/NM8410(B,K)-(4,6)

PROPELLER ON BEECHCRAFT BONANZA-SERIES AIRCRAFT

STC SA04505CH

LOG OF REVISIONS

Revision	Revised Pages	Description of Revision	Date
IR	All	Initial Release	03/18/2021
A	All	Updated company name throughout document	07/07/2026
		Updated header to include -6 propeller model option	
		Updated references to Manual chapters and sections	
	4	Updated Table 1 to include additional airplane models	
	5, 10	Updated tables to include weight of new propeller models	
	11 thru 18	Added Section 5.0 and Section 6.0	
B	16	Added Note requiring CAV Systems Ltd. Kit P/N "HARTZELL SPECIAL 1" for the propeller installation	08/07/2026
	18	Added Step to direct the installer to the appropriate CAV Systems Ltd. drawing	

NOTE: All changes are indicated by a vertical line along the left margin.

FAA Approved



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Landess
Date: 2026.08.07
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Bo R. Landess
STC ODA Administrator
Hartzell STC ODA-100080-CE

See electronic signature

Date _____

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**INSTRUCTIONS FOR INSTALLATION OF HARTZELL
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Please read these instructions and the Instructions for Continued Airworthiness before starting installation. If you have any questions regarding installation of this STC, please contact Hartzell Propeller at:

***Phone: (937) 778-4376 or
1-800-942-7767***

E-mail: techsupport@hartzellprop.com

Engineering Drawing disclaimer

The figures provided in the following installation instructions are for reference only. In the event of a disagreement between the current revision of the drawing on file at Hartzell Propeller LLC and the figures in this document, the current revision of the drawing must be used.

List of required documents and/or drawings

Hartzell Propeller Owner's Manual No. 145 All installations (Included w/ STC kit)
Hartzell Ice Protection System Manual No. 180 All installations with ice protection
(Available online)
Hartzell Ice Protection Installation Drawing 106833 Electrothermal de-ice only (Included
w/ STC kit, if applicable)
Hartzell Ice Protection Installation Drawing 108416 Fluid anti-ice only (Included w/ STC
kit, if applicable)

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1.0 General

These STC installation instructions provide the necessary information to install the HC-C3YF-1N/NM8410(B,K)-(4,6) propeller with applicable aluminum spinner, along with optional governor model S-1-35, on Beechcraft Bonanza-series aircraft noted in Section 2.0. The "K" blade model suffix denotes optional de-ice boots while the "B" blade model suffix denotes optional fluid anti-ice boots.

2.0 Applicable Models

The table below summarizes the aircraft models included in this STC along with the required engine. No other aircraft / engine combinations are applicable.

It is the responsibility of the installer to verify compatibility of this STC with previously approved modifications installed on the airplane.

This modification was shown to be compatible with CAV Systems STCs SA01136WI (FIKI installation) and SA2239CE (non-FIKI installation).

Table 1: Aircraft Effectivity

Model	Aircraft Serial Number Range	Engine Model	Engine Power/RPM Takeoff Rating
S35	D-7140 D-7310 through D-7976	IO-520-(B,BB) IO-550-B	285 HP @ 2700 RPM 300 HP @ 2700 RPM
V35	D-7977 through D-8598		
V35A	D-8599 through D-9068		
V35B	D-9069 and up		
35-C33A	CE-1 though CE-179		
E33A	CE-180 though CE-289		
E33C	CJ-1 though CJ-25		
F33A	CE-290 and up		
F33C	CJ-26 and up		
36	E-1 through E-184		
A36	E-185 thru E-2110 except E-1946 and E-2104	IO-550-B	300 HP @ 2700 RPM
A36	E-1946, E-2104, E-2111 through E-3635 except E-3630		
G36	All		
A36TC	All	TSIO-520-U(B)	300 HP @ 2700 RPM

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3.0 Propeller Installation – No Ice Protection

Note: To minimize airframe vibration during operation, rotate the engine crankshaft to position #6 cylinder piston at top-dead-center before removing original propeller.

- 1) Remove the original propeller and spinner in accordance with the applicable Aircraft Maintenance Manual (AMM).

Note: The chapter references in the following steps are contained in the Installation and Removal chapter of Hartzell Propeller Owner's Manual No. 145.

- 2) Unpack and inspect the new propeller according to Section 2 of Hartzell Propeller Owner's Manual No. 145 (Manual 145). If installing the optional Hartzell S-1-35 governor, refer to Section 7.0 of this document.
- 3) Install the spinner bulkhead onto the new propeller hub in accordance with the "Installation of a Metal Bulkhead" instructions in the "Bulkhead Installation" section of the Manual 145.

Note: Mount the new propeller to engine flange so that one blade is horizontal with and parallel to cylinder #6.

- 4) Follow instructions for "Installation of F-Flange Propellers" in Manual 145 to install the new propeller and spinner dome onto the aircraft. Additionally, reference the appropriate AMM specific to the airplane model and S/N being modified.
- 5) Attach Hartzell Propeller LLC Airplane Flight Manual Supplement AFMS-061920 to the existing Pilot's Operating Handbook and FAA-Approved Airplane Flight Manual.
- 6) Revise weight and balance records to show:

Removal of original propeller and spinner

Refer to aircraft records and/or Required Equipment List for appropriate propeller weight and moment arm.

Installation of new propeller and spinner

Item	Model	Weight (lb)	Arm
Propeller	HC-C3YF-1N/NM8410-4	57.7	Refer to Aircraft Equipment List
Propeller	HC-C3YF-1N/NM8410-6	56.8	Refer to Aircraft Equipment List
Spinner w/ mounting kit, painted	A-2295-15	6.2	Refer to Aircraft Equipment List
Spinner w/ mounting kit, polished	A-2295-15P	5.8	Refer to Aircraft Equipment List

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Item	Model	Weight (lb)	Arm
Governor (optional)	S-1-35	2.9	Refer to Aircraft Equipment List

- 7) Perform Post-Installation Checks in accordance with Manual 145.
- 8) Make the appropriate logbook entries and return the aircraft to service with FAA Form 337 referencing this STC.
- 9) Perform a functional check flight using normal procedures, note maximum RPM setting, and adjust governor high-RPM stop in accordance with AMM procedures, if necessary.
- 10) Post-installation dynamic balance of the propeller/engine combination is recommended, but not required, in accordance with the Maintenance Practices section of Manual 145.

4.0 Propeller Installation – Electrothermal Ice Protection

Note: To minimize airframe vibration during operation, rotate the engine crankshaft to position #6 cylinder piston at top-dead-center before removing original propeller.

- 1) Remove the original propeller and spinner in accordance with the applicable Aircraft Maintenance Manual (AMM).

Note: The chapter references in the following steps are contained in the Installation and Removal chapter of Hartzell Propeller Owner's Manual No. 145.

- 2) Unpack and inspect the new propeller according to Section 2 of Hartzell Propeller Owner's Manual No. 145 (Manual 145). If installing the optional Hartzell S-1-35 governor, refer to Section 7.0 of this document.
- 3) Verify/inspect spinner bulkhead and propeller-mounted de-ice components are properly installed and secured on the new propeller in accordance with Hartzell Ice Protection Installation Drawing 106833.
- 4) Install the engine-mounted propeller de-ice components and associated bracket on the engine by following the steps below. Installation instructions for airframe de-ice kit 108347 within Hartzell Propeller Ice Protection System Manual 180 (Manual 180) contains additional details for this procedure. Instructions for Continued Airworthiness (ICA) are also included on drawing 106833 and detailed in Manual 180.
 - i. Disconnect brush block wires from existing brush block. For future reference, it may be beneficial to take a photo of the wiring/installation prior to removing any components.

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- ii. Remove existing de-ice brush block, bracket, and attaching parts from the engine.
- iii. Temporarily position brush block shim 1H1157 and brush block assembly 3H2062-2 onto the brush block bracket 106803 using the hardware stack-up shown in Figure 1. For ease of alignment, do not torque hardware at this time.

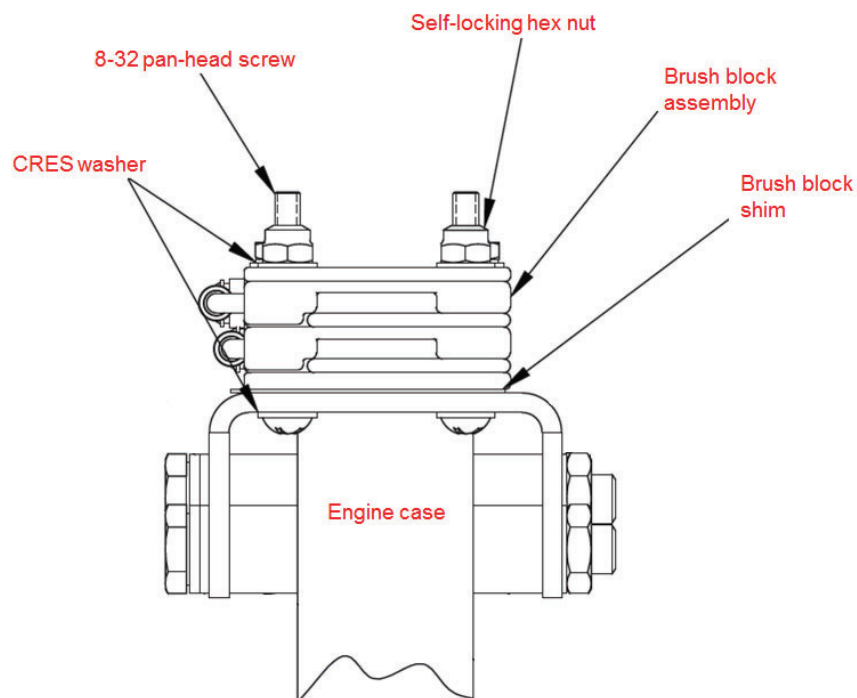


Figure 1: Brush Block Assembly Hardware Detail - View Looking Aft

- iv. Position MOV module 106802 onto the brush block bracket using the hardware stack-up shown in Figure 2. The MOV module should have two wires already attached. Torque attaching hardware on the MOV only according to Hartzell Ice Protection Installation Drawing 106833 and/or Manual 180.

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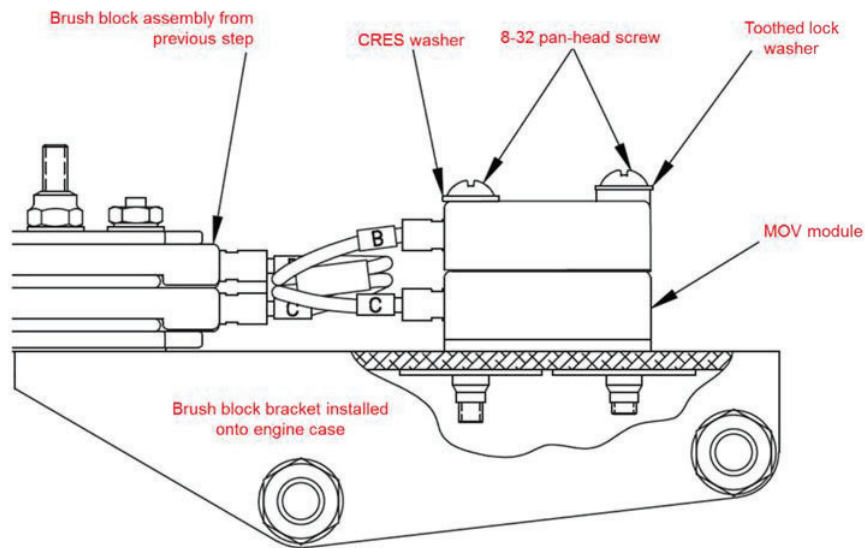


Figure 2: MOV Module Hardware Detail - Left Side View

- v. Attach wiring harness between MOV module and brush block assembly as follows. Route the wire harness similar to Figure 3.
 - a) Connect MOV wire B to brush block assembly terminal B
 - b) Connect MOV wire C to brush block assembly terminal C
 - c) Connect inboard brush ring terminal to engine ground

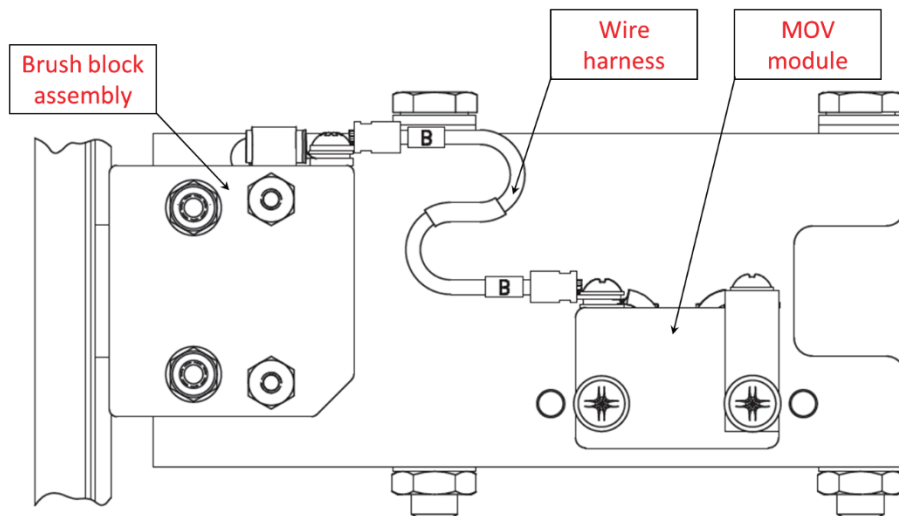


Figure 3: MOV Module Wire Routing

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- vi. Using string tie (or similar), temporarily retract brush block brushes to prevent damage to the brushes or propeller during propeller positioning.
 - vii. Install brush block bracket in place of the removed bracket. Torque hardware holding the bracket to engine according to AMM procedures and/or Engine Maintenance Manual procedures.
- 5) Install the spinner bulkhead onto the new propeller hub in accordance with the "Installation of a Metal Bulkhead" instructions in the "Bulkhead Installation" section of the manual.
- 6) Slide the de-ice slip ring 106613 over the engine flange. Allow it to hang between the engine case and engine flange. Exercise caution as to not damage the de-ice slip ring or the engine flange.

Note: Mount the new propeller to engine flange so that one blade is horizontal with and parallel to cylinder #6.

- 7) Using proper support equipment, position the propeller onto the engine flange according to the instructions for "Installation of F-Flange Propellers" in Manual 145. Do not install mounting hardware yet.
- 8) In Manual 180, follow the installation instructions for airframe de-ice kit 108347 to secure the split mounting plate 4H3153 to the de-ice slip ring. Be sure the slip ring is located at the proper clock position to allow proper connection to the electrical terminals on the spinner bulkhead. This step will also cover the installation of the propeller to the engine flange in accordance with Manual 145.

Note: At this point, the brush block bracket should be properly secured and torqued to the engine case, the MOV module secured and torqued with wire harness routed to brush block assembly, and the propeller/spinner bulkhead/de-ice slip ring/split mounting plate assembly properly secured and torqued to the engine flange. The brush block assembly should not yet be secure and the airframe de-ice leads should not yet be connected.

CAUTION: USE CARE NOT TO OVER-TORQUE THE BRUSH BLOCK SCREWS. ASSURE BRUSHES MOVE FREELY WITHIN THE HOUSING.

- 9) Release the brush block assembly brushes from their temporarily-retracted position.
- 10) Follow the "Brush Alignment to Slip Ring" instructions in the "Assembly" section of Manual 180 to properly adjust and align the brush block brushes to the slip ring. Brush block assembly shims may be used as required (including zero shims) to ensure proper brush/slip ring alignment. Once alignment of the brushes is correct, torque the brush

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block assembly attaching hardware per Hartzell Ice Protection Installation Drawing 106833 and/or Manual 180.

- 11) Electrically-connect the propeller de-ice boots to the slip ring using the electrical terminals of the propeller bulkhead according to Hartzell Ice Protection Installation Drawing 106833.
- 12) Perform Post-Installation Checks in accordance with Manual 145.

CAUTION: DO NOT OPERATE THE DE-ICE BOOTS FOR MORE THAN 30 SECONDS WITH THE ENGINE NOT OPERATING. OVERHEATING OF THE DE-ICE BOOT CAN CAUSE DAMAGE TO THE PROPELLER BLADES.

- 13) Perform De-ice Operational Check: With Engine Power (Rotating) in the CHECK chapter of Manual 180.
- 14) Once operational checks are satisfactory, install the A-2295-15(P) spinner dome according to the instructions for "One-Piece Spinner Dome Installation" in the INSTALLATION AND REMOVAL chapter of Manual 145.
- 15) Attach Hartzell Propeller LLC Airplane Flight Manual Supplement AFMS-061920 to the existing Pilot's Operating Handbook and FAA-Approved Airplane Flight Manual.
- 16) Revise weight and balance records to show:

Removal of original propeller and spinner

Refer to aircraft records and/or Required Equipment List for appropriate propeller weight and moment arm.

Installation of new propeller and spinner

Item	Model	Weight (lb)	Arm
Propeller	HC-C3YF-1N/NM8410K-4	58.5	Refer to Aircraft Equipment List
Propeller	HC-C3YF-1N/NM8410K-6	57.6	Refer to Aircraft Equipment List
Spinner w/ mounting kit, painted	A-2295-15	6.2	Refer to Aircraft Equipment List
Spinner w/ mounting kit, polished	A-2295-15P	5.8	Refer to Aircraft Equipment List
Airframe de-ice kit	108347	4.0	Refer to Aircraft Equipment List
Governor (optional)	S-1-35	2.9	Refer to Aircraft Equipment List

- 17) Make the appropriate logbook entries and return the aircraft to service with FAA Form 337 referencing this STC.

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- 18) Perform a functional check flight using normal procedures, note maximum RPM setting, and adjust governor high-RPM stop in accordance with AMM procedures, if necessary.
- 19) Post-installation dynamic balance of the propeller/engine combination is recommended, but not required, in accordance with the Maintenance Practices section of Manual 145.

5.0 Propeller Installation – Anti-Ice Ice Protection System (Replacing Hartzell propellers)

Note: This modification was shown to be compatible with CAV Systems STCs SA01136WI (FIKI installation) and SA2239CE (non-FIKI installation). The following steps are intended to transplant certain existing CAV Systems hardware from the removed propeller and spinner bulkhead onto the new HC-C3YF-1N/NM8410B-6 propeller and spinner bulkhead. Figure 6 was taken from CAV Aerospace Inc. drawing number 10351-37.

Note: To minimize airframe vibration during operation, rotate the engine crankshaft to position #6 cylinder piston at top-dead-center before removing original propeller.

- 1) Remove the original propeller and spinner in accordance with the applicable Aircraft Maintenance Manual (AMM). Place the propeller in an appropriate support to allow access to the spinner bulkhead and fluid anti-ice slinger ring.
- 2) Remove the spinner bulkhead & fluid slinger ring assembly from the original propeller in accordance with the airplane maintenance manual and/or the propeller owner's manual.
- 3) Remove the fluid slinger ring (J-5) from the original propeller bulkhead by removing the fluid feed bolts (J-4), bonded seals (J-7), O-rings (J-3), short standoffs (J-1), washers (O-29), backnuts (N-27), and safety wire bolts (O-51), washers (O-31), and nuts (O-40). Retain all removed components for re-use except the bonded seals and o-rings – discard the bonded seals and o-rings. Reference Figure 6.
- 4) On the original propeller, remove the fluid travel tubes and P-clips by removing hub clamping bolts. Retain fluid travel tubes and P-clips. Reinstall hub clamping bolts and torque nuts according to the TORQUE TABLE in the INSTALLATION AND REMOVAL chapter of Manual 115N for props with metal blades or Manual 145 for props with composite blades.
- 5) Unpack and inspect the new propeller according to Section 2 of Hartzell Propeller Owner's Manual No. 145 (Manual 145). If installing the optional Hartzell S-1-35 governor, refer to Section 7.0 of this document.

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- 6) Install the removed safety wire bolt, washer, and locknut in circled position in Figure 4. Ensure the bolt head is on the forward-facing side of the spinner bulkhead.

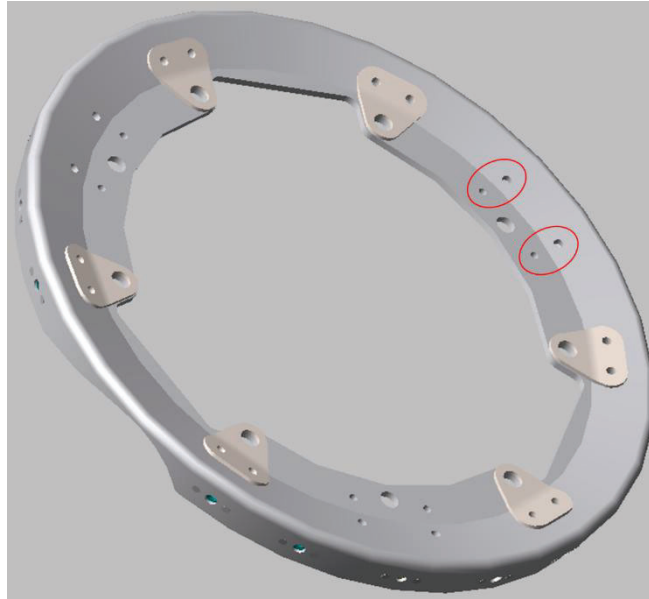


Figure 4: Spinner Bulkhead Diagram

- 7) Using the provided new bonded seals and o-rings, assemble the fluid slinger ring onto the new propeller bulkhead using the retained fluid feed bolts, short standoffs, washers, and backnuts. See Figure 6 for hardware sequence.
- 8) On the new propeller, install the removed fluid travel tubes and P-clips by removing hub clamping bolts. Reinstall hub clamping bolts and torque nuts according to the TORQUE TABLE in the INSTALLATION AND REMOVAL chapter of Manual 115N for props with metal blades or Manual 145 for props with composite blades. Position the fluid travel tube outlets according to CAV Aerospace Inc. drawing number 10351-37. An excerpt is provided in Figure 5.

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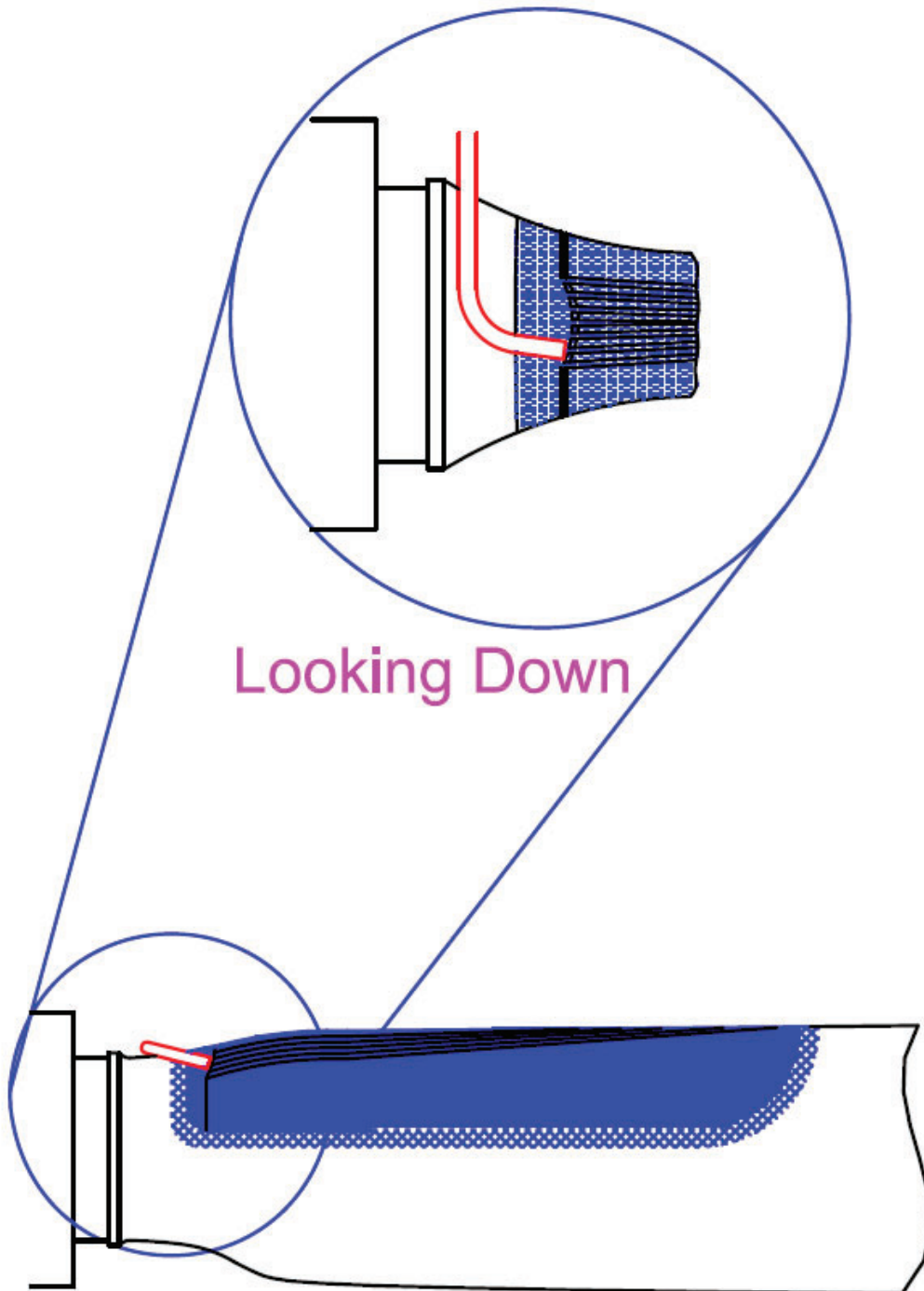


Figure 5: Fluid travel tube position diagram (propeller blade in fine pitch)

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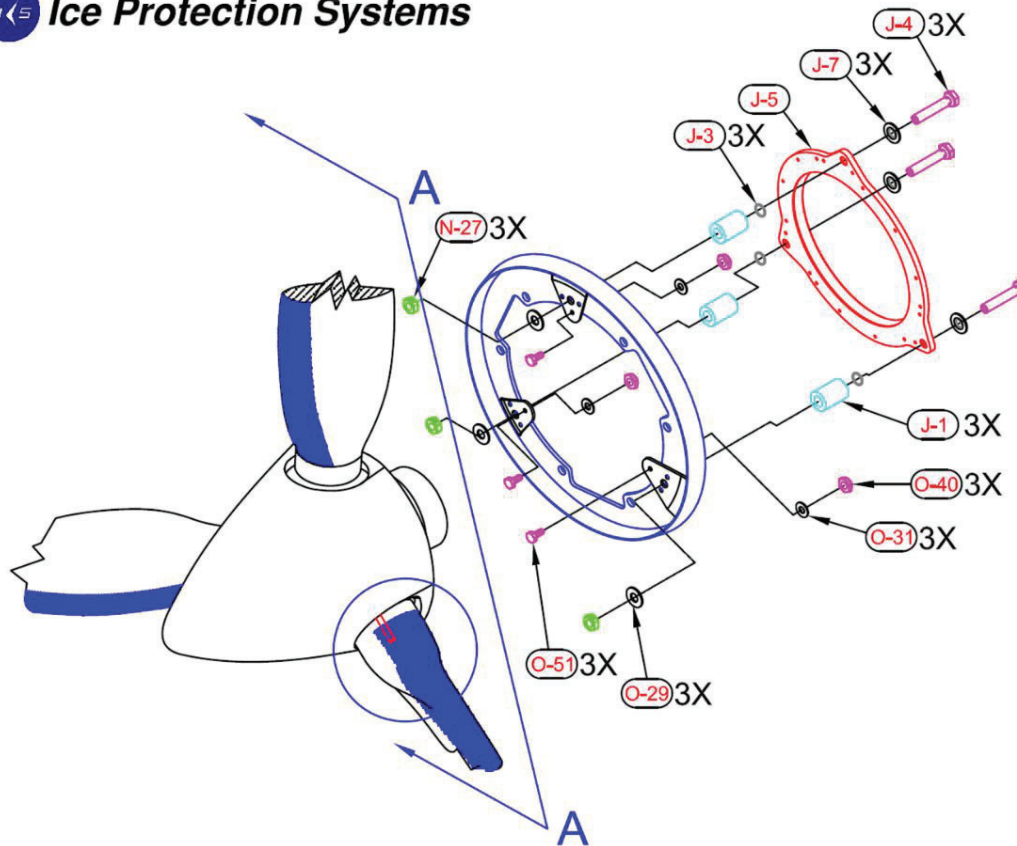


Figure 6: Diagram from CAV Aerospace Inc. drawing number 10351-37

- 9) Safety wire the backnuts to the safety wire bolt installed in Step 6 in accordance with Advisory Circular 43.13-1B.
- 10) Install the spinner bulkhead onto the new propeller hub in accordance with the "Installation of a Metal Bulkhead" instructions in the "Bulkhead Installation" section of the Manual 145.
- 11) Connect the propeller-side fluid travel tubes to the fluid feed bolts.
- 12) Using proper support equipment, position the propeller onto the engine flange according to the instructions for "Installation of F-Flange Propellers" in Manual 145. Additionally, reference the appropriate AMM specific to the airplane model and S/N being modified.
- 13) Position the airframe fluid travel tube to direct the fluid jet into the fluid slinger ring in the direction of propeller rotation.
- 14) Perform Post-Installation Checks in accordance with Manual 145. During the ground engine run, operate the Ice Protection System according to the Airplane Flight Manual

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Supplement provided with the Ice Protection System. Shut down the engine and inspect the installation for interference between rotating and non-rotating components. Ensure anti-ice fluid was delivered to each propeller blade.

- 15) Once operational checks are satisfactory, install the spinner dome according to the instructions for "One-Piece Spinner Dome Installation" in the INSTALLATION AND REMOVAL chapter of Manual 145.
- 16) Attach Hartzell Propeller LLC Airplane Flight Manual Supplement AFMS-061920 to the existing Pilot's Operating Handbook and FAA-Approved Airplane Flight Manual.
- 17) Revise weight and balance records to show:

Removal of original propeller and spinner

Refer to aircraft records and/or Required Equipment List for appropriate propeller weight and moment arm.

Installation of new propeller and spinner

Item	Model	Weight (lb)	Arm
Propeller	HC-C3YF-1N/NM8410B-4	58.5	Refer to Aircraft Equipment List
Propeller	HC-C3YF-1N/NM8410B-6	57.6	Refer to Aircraft Equipment List
Spinner w/ mounting kit, painted	A-2295-15	6.2	Refer to Aircraft Equipment List
Spinner w/ mounting kit, polished	A-2295-15P	5.8	Refer to Aircraft Equipment List
Spinner w/ mounting kit, painted	A-2295-17	6.2	Refer to Aircraft Equipment List
Spinner w/ mounting kit, polished	A-2295-17P	5.8	Refer to Aircraft Equipment List
Governor (optional)	S-1-35	2.9	Refer to Aircraft Equipment List

- 18) Make the appropriate logbook entries and return the aircraft to service with FAA Form 337 referencing this STC.
- 19) Perform a functional check flight using normal procedures, note maximum RPM setting, and adjust governor high-RPM stop in accordance with AMM procedures, if necessary.
- 20) Post-installation dynamic balance of the propeller/engine combination is recommended, but not required, in accordance with the Maintenance Practices section of Manual 145.

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6.0 Propeller Installation – Anti-Ice Ice Protection System (Replacing McCauley or MT propellers)

Note: This modification was shown to be compatible with CAV Systems STCs SA01136WI (FIKI installation) and SA2239CE (non-FIKI installation).

Note: To minimize airframe vibration during operation, rotate the engine crankshaft to position #6 cylinder piston at top-dead-center before removing original propeller.

Note: Installation requires CAV Systems Ltd. Kit P/N "HARTZELL SPECIAL 1" to convert the replacement propeller (equipped with anti-ice boots) for compatibility with the existing aircraft anti-ice system. Contact CAV Systems Ltd. to order:

- Phone: +1 (913) 738-5390
- Email: customerservice@cav-systems.com

The installer must also provide the following hardware (or equivalents) to complete the installation:

- (3) AN960-616 Washer
- (3) MS35265-28 Safety Wire Bolt
- (3) AN960-8L Washer
- (3) MS21042-08 Locknut

- 1) Remove the original propeller and spinner in accordance with the applicable Aircraft Maintenance Manual (AMM).
- 2) Disconnect and remove the existing propeller fluid delivery tube and jam nut. Retain the B-nut and jam nut for reinstallation below. Reference Figure 7.

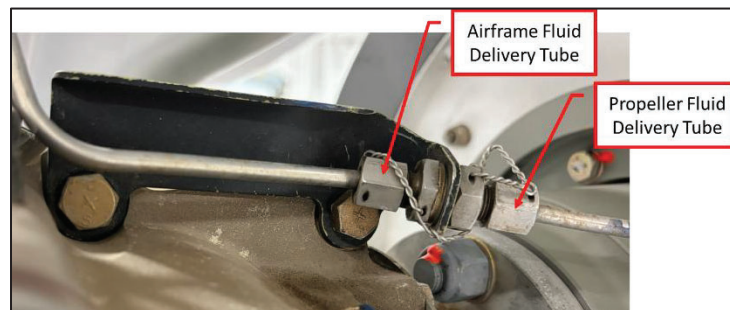


Figure 7: Fluid Delivery Bracket and Tubes

- 3) Disconnect the existing airframe fluid delivery tube and jam nut. Retain the jam nut and fluid passthrough fitting for reinstallation below.

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- 4) Remove the existing engine backbone bracket by removing the engine backbone bolts, nuts, and washers. Reference Figure 8.

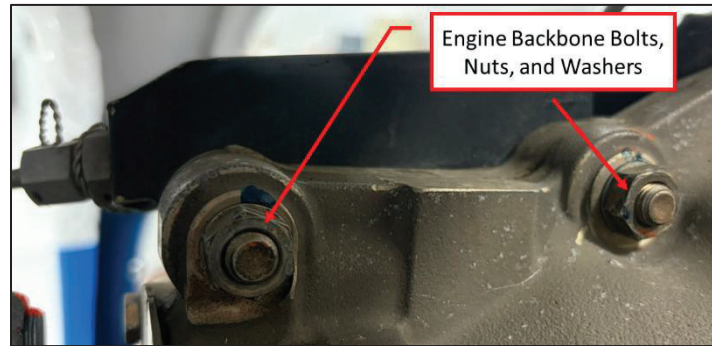


Figure 8: Engine Backbone Hardware

WARNING

Failure to properly torque the engine backbone nuts will result in an engine backbone fluid leak. The only way to resolve this condition is to remove the engine and have the case split and resealed by an authorized repair station.

Lubricate the threads of the engine backbone bolts with SAE 50 weight aviation oil prior to application of final torque.

NOTE

Installation of Nozzle Bracket P/N 4685-11 may require mounting hole enlargement.

- 5) Install new Nozzle Bracket P/N 4685-11 onto engine backbone using removed engine backbone bolts, nuts, and washers. Torque nuts to 20.0 - 20.3 FT-LB¹ (240 - 280 IN-LB). Apply torque stripe to the nuts.
- 6) Route airframe fluid delivery tube and fluid passthrough fitting through Nozzle Bracket hole similar to the original installation. Finger-tighten the B-nut and jam nut.
- 7) Install new Propeller Fluid Delivery Tube P/N 10325-02 using B-nut from the previous propeller fluid delivery tube and jam nut. Finger-tighten the B-nut and jam nut.
- 8) Unpack and inspect the new propeller according to Section 2 of Hartzell Propeller Owner's Manual No. 145 (Manual 145). If installing the optional Hartzell S-1-35 governor, refer to Section 7.0 of this document.

¹Reference Continental Engines Publication M-16

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- 9) Install the anti-ice fluid slinger ring and fluid travel tubes onto the propeller and bulkhead using the components in CAV Systems Ltd. Kit P/N "HARTZELL SPECIAL 1", in accordance with CAV Systems Ltd. Drawing 10351-37, Revision 1 (dated 21DEC10) or later FAA-approved revision. (This drawing was provided with the original aircraft anti-ice system installation.) Refer to Manual 145 for propeller hub clamping bolt torque values.
- 10) Using proper support equipment, position the propeller onto the engine flange according to the instructions for "Installation of F-Flange Propellers" in Manual 145. Do not install mounting hardware yet. Check for propeller fluid delivery tube routing to ensure the tube length is appropriate to reach the fluid slinger ring without interference.
- 11) Once the airframe fluid travel tube position is satisfactory, follow the remaining instructions in Manual 145 for "Installation of F-Flange Propellers." Additionally, reference the appropriate AMM specific to the airplane model and S/N being modified.
- 12) Position the propeller fluid delivery tube to direct the fluid jet into the fluid slinger ring in the direction of propeller rotation. Tighten and safety wire the airframe fluid delivery tube B-nut, both jam nuts, and the propeller fluid delivery tube B-nuts according to AC 43.13-1().
- 13) Perform Post-Installation Checks in accordance with Manual 145. During the ground engine run, operate the Ice Protection System according to the Airplane Flight Manual Supplement provided with the Ice Protection System. Shut down the engine and inspect the installation for interference between rotating and non-rotating components. Ensure anti-ice fluid was delivered to each propeller blade.
- 14) Once operational checks are satisfactory, install the spinner dome according to the instructions for "One-Piece Spinner Dome Installation" in the INSTALLATION AND REMOVAL chapter of Manual 145.
- 15) Attach Hartzell Propeller LLC Airplane Flight Manual Supplement AFMS-061920 to the existing Pilot's Operating Handbook and FAA-Approved Airplane Flight Manual.
- 16) Revise weight and balance records to show:

Removal of original propeller and spinner

Refer to aircraft records and/or Required Equipment List for appropriate propeller weight and moment arm.

Installation of new propeller and spinner

INST-061920

**INSTRUCTIONS FOR INSTALLATION OF HARTZELL
HC-C3YF-1N/NM8410(B,K)-(4,6)
PROPELLER ON BEECHCRAFT BONANZA-SERIES AIRCRAFT
STC SA04505CH**

Item	Model	Weight (lb)	Arm
Propeller	HC-C3YF-1N/NM8410B-4	58.5	Refer to Aircraft Equipment List
Propeller	HC-C3YF-1N/NM8410B-6	57.6	Refer to Aircraft Equipment List
Spinner w/ mounting kit, painted	A-2295-15	6.2	Refer to Aircraft Equipment List
Spinner w/ mounting kit, polished	A-2295-15P	5.8	Refer to Aircraft Equipment List
Governor (optional)	S-1-35	2.9	Refer to Aircraft Equipment List

- 17) Make the appropriate logbook entries and return the aircraft to service with FAA Form 337 referencing this STC.
- 18) Perform a functional check flight using normal procedures, note maximum RPM setting, and adjust governor high-RPM stop in accordance with AMM procedures, if necessary.
- 19) Post-installation dynamic balance of the propeller/engine combination is recommended, but not required, in accordance with the Maintenance Practices section of Manual 145.

7.0 Governor Installation (Optional)

- 1) Gain access to the currently-installed governor in accordance with the applicable AMM procedures.
- 2) Remove the currently-installed governor in accordance with the applicable AMM procedures.
- 3) Install the new Hartzell S-1-35 governor in accordance with the applicable AMM procedures.
- 4) Return to remaining steps for propeller installation.