



CUSTOM KIT

CK-AG-61

REV. A: 01/07/2025

UPGRADED ENGINE MOUNT ISOLATORS INSTALLATION

AIRCRAFT AFFECTED:

MODEL

S2R-T660

SERIAL NUMBERS

ALL

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LOG OF REVISIONS

NOTE: Reformatting and correction of typographical errors is not considered revision.

REV	PAGE	DESCRIPTION OF REVISION	BY
IR	All	New Document Initial Release	T. Surratt 01/03/2025
A	5	Revised Parts List and added note.	T. Surratt 01/07/2025

1. PURPOSE/REASON FOR PUBLICATION

Thrush was notified of engine mount isolators “Barry Mounts” being damaged at inspection on Agricultural Aircraft. This Custom Kit gives notification of an optional installation of alternate engine mount isolators “Barry Mounts” commonly used with higher horsepower engines.

2. SCOPE/COMPLIANCE

This document provides instructions for installation of the upgraded engine mount isolators “Barry Mounts”.

3. BY WHOM WORK WILL BE ACCOMPLISHED

The work is to be accomplished by an FAA Certified A&P or foreign equivalent.

4. APPROVAL

4-1 THRUSH AIRCRAFT, LLC

This Custom Kit is approved by the Engineering Department at Thrush Aircraft, LLC.

4-2 FAA APPROVAL

The technical content of this Custom Kit is FAA approved.

5. MAN HOURS

Approximately 12 hours may be required.

6. SPECIAL TOOLS

Pratt & Whitney PT6A Engine Sling

7. PARTS LIST

QTY	PART NUMBER	NOMENCLATURE	NOTES
4	96078-01	BARRY MOUNT	Included in BM kit.
4	AN310-7	CASTLE NUT	Included in BM kit.
8	AN960-716	WASHER	Included in BM kit.
16	MS20002C6	WASHER	Added to kit.
4	MS20002C7	WASHER	Included in BM kit.
4	MS24665-285	COTTER PIN	Included in BM kit.
4	NAS147-58A	BOLT	Added to kit.
16	NAS6206-3H	BOLT	Included in BM kit.
4	R20702-2	GASKET BARRY	Included in BM kit.

NOTE: Extra hardware components not listed in above PARTS LIST may be found within Barry Mount (BM) kit but are not applicable to specified installation.

8. REPLACEMENT INSTRUCTIONS

8.1 REMOVAL

1. Reference Propeller Removal section of aircraft's maintenance manual and propeller component maintenance manual for guidance with removing propeller and spinner from aircraft.
2. Reference Engine Removal section of engine component maintenance manual and aircraft's maintenance manual for guidance with removing engine from aircraft.
3. Remove existing mount attach brackets, spacers (if applicable), and hardware on engine then properly discard.

CAUTION: New hardware (included in kit) must be used with new Barry Mount installation.

8.2 INSTALLATION

1. Install new mount attach brackets using hardware included in kit then torque to 250-325 in. lbs. and safety wire.
2. Reference Engine Installation section of aircraft's maintenance manual for guidance with installing engine into aircraft. (Also reference Figure 8-1)

NOTE: No spacers necessary with new Barry Mounts installation.

NOTE: Thickness of new Barry Mounts may necessitate cannular panel to be trimmed to fit. (Reference Figure 8-2)

3. Reference Propeller Installation section of aircraft's maintenance manual for guidance with installing propeller and spinner onto aircraft.

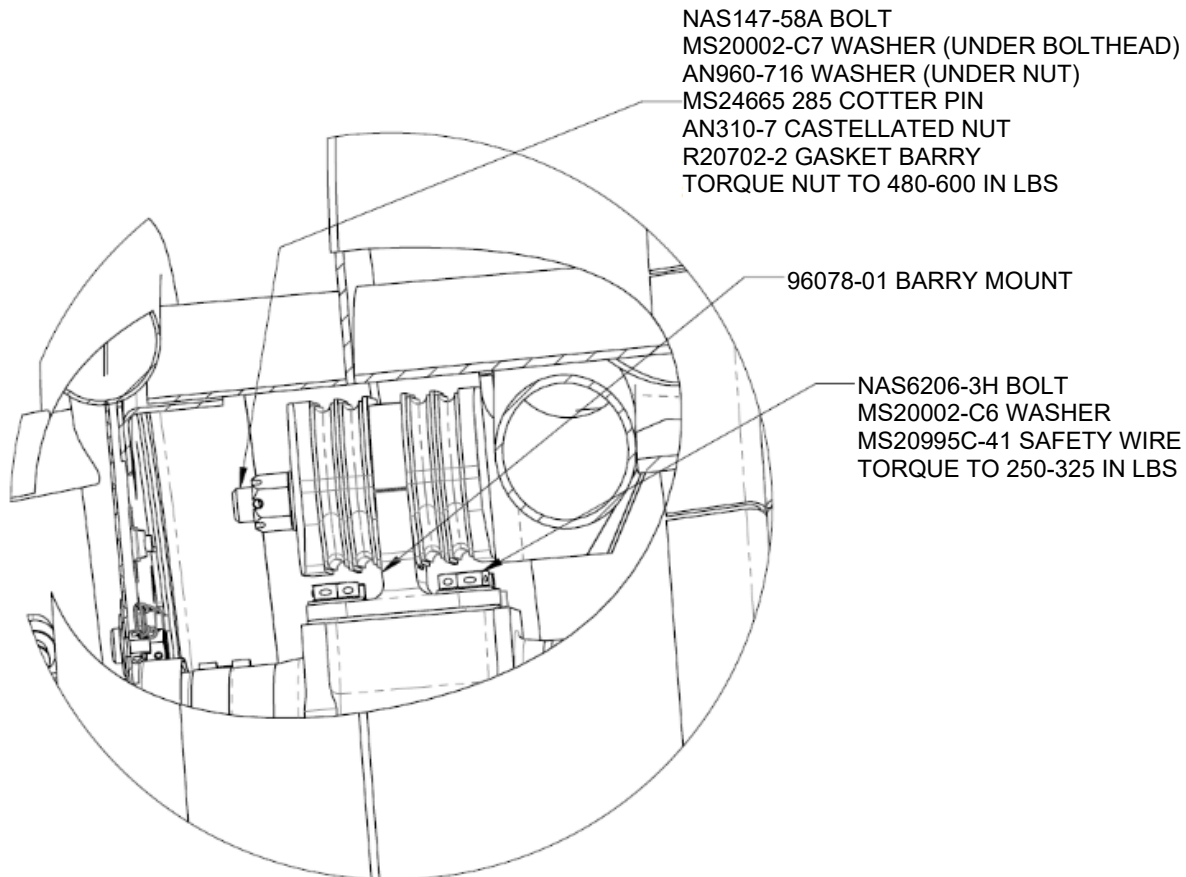


Figure 8-1

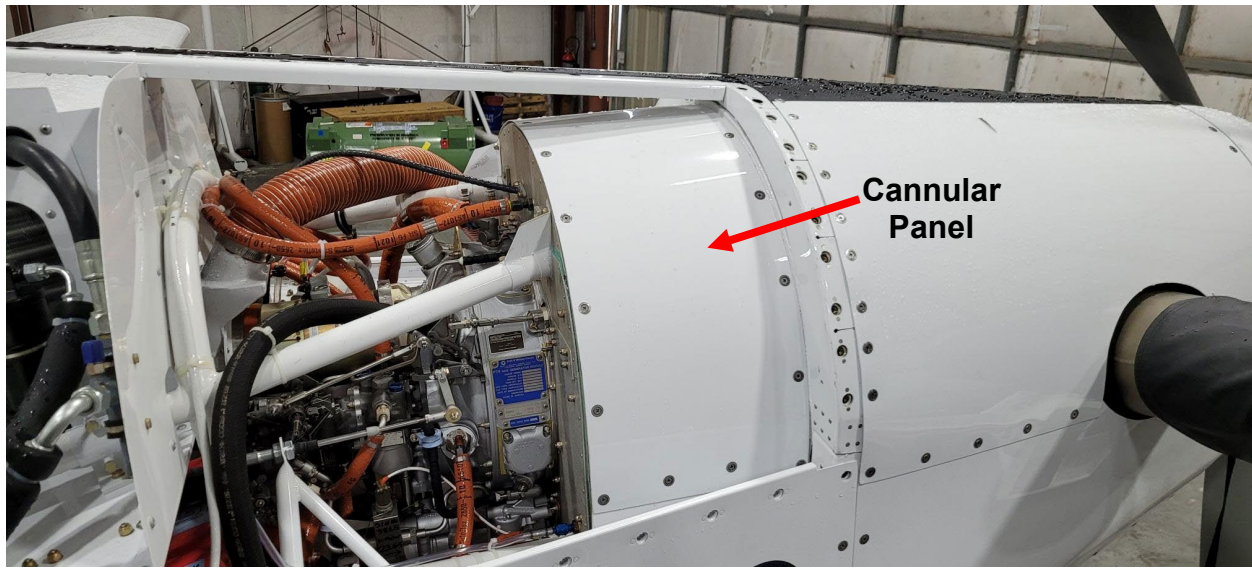


Figure 8-2

NOTE: It may be necessary to trim the forward cowl skins around the exhaust.
(Reference Figure 8-3)

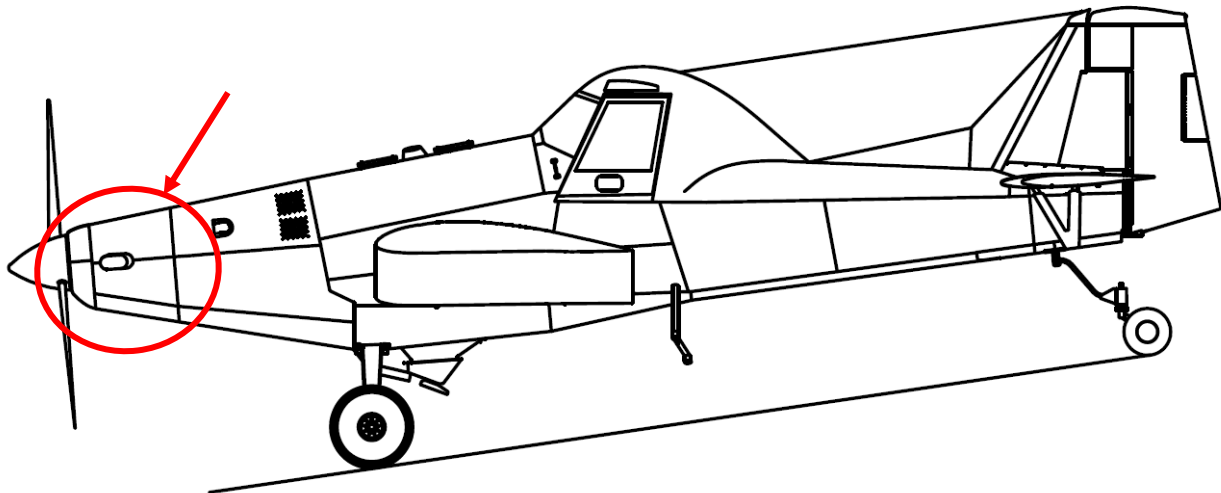


Figure 8-3

9. RECORD OF COMPLIANCE

Make appropriate entry in airplane maintenance records as follows:
“Thrush Custom Kit CK-AG-61 A complied with at _____ total hours on aircraft.”

Modification accomplished by:

Name & Certificate #	Date
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10. RESPONSE CARD

The final step in compliance with this Custom Kit is to complete and return the compliance card on the next page. It may be mailed, faxed, or scanned and e-mailed.

Fax:	Thrush Support	229-317-8225
Email:	Thrush Support	support@thrushaircraft.com



11. CUSTOM KIT CK-AG-61 A COMPLIANCE REPORT

Aircraft S/N:	Aircraft Owner:
Aircraft Registration #:	Address of Owner:
Airframe Total Time:	City & State:
Engine Total Time:	Physical Location:
Complied With By:	Date of Compliance:
Signature:	Certificate #:

PLEASE RETURN THIS REPORT ONLY AFTER MODIFICATION IS MADE

This response card may be mailed, faxed to (229) 317-8225, or emailed to support@thrushaircraft.com.

Fold, Tape, & Mail (Do Not Staple)

Return Address:

Thrush Aircraft LLC.
 Attn: Customer Assurance and Support
 300 Old Pretoria Road
 Albany, GA 31721