

TEXTRON AVIATION INC.
AIRCRAFT DIVISION
WICHITA, KANSAS 67277

SEALING IMPROVEMENTS FOR THE BULLET FAIRING ICA Supplement

MODEL NO: 525

SUPPLEMENT NO: ICA-525-55-00002

SUPPLEMENT DATE: 6/10/2021

TEXTRON AVIATION INC.
AIRCRAFT DIVISION
WICHITA, KANSAS 67277

REVISIONS

ICA-525-55-00002	Rev: -	Date: Jun/10/2021
ICA Summary	Pages 1-6	
Manuals Affected	Description	Title
Model 525 (Airplanes -0685 and -0800 and On) Maintenance Manual	55-30-00 pages 401-403	BULLET FAIRING - REMOVAL/INSTALLATION
<ul style="list-style-type: none"> Changed Section Title from Aft Bullet Fairing Removal/Installation to Bullet Fairing Removal/Installation, then added forward and lower bullet fairings to section. Added serialized sealing steps to the different bullet fairings. 		
Appendix A: Illustrated Parts Catalog	NOT USED	
Appendix B: Wiring Diagram Manual	NOT USED	

1. Export Compliance

- A. This publication contains technical data and is subject to U.S. export regulations. This information has been exported from the United States in accordance with export administration regulations. Diversion contrary to U.S. law is prohibited.
- ECCN: 9E991

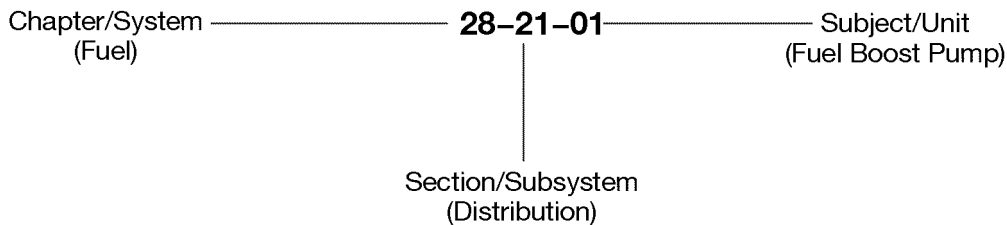
2. Revision Bars

- A. Revision bars in this ICA supplement identify new ICAs and/or changes to the current ICAs in the released maintenance manual.
- New ICAs that are not in the current maintenance manual will have a revision bar from top to bottom along the left margin.
 - ICAs that are in the current maintenance manual and have information added, deleted or revised will have a revision bar(s) in the left margin adjacent to the added, deleted or revised information.
 - New or changed illustrations will have a change bar for the entire length of the page.

3. Page Numbering

- A. The page number system for ICA included in this supplement have three-element numbers that are separated by dashes. The three-element number is found at the bottom right corner of the page, left of the page number. The date is found below the page number.

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5. ICA Incorporation into Applicable Manuals

NOTE: Most ICA supplements will be incorporated in the next available revision to the manuals listed above and should be used in conjunction with those manuals until the next available revision is released.

- A. The ICA Supplement List located in the Introduction section of each manual listed in the REVISIONS table will indicate the incorporation status as of the release date of the published revision.
- B. The manual revision level of the supplement incorporation will be listed in the "Manual Incorporation Status" column in the ICA Supplement List, when those ICAs associated with that manual have been incorporated. After ICAs are incorporated, the manual that they are incorporated in must now be used for those ICAs instead of the supplement.
 - Based on revision cycle times for the affected manuals, MM ICAs, WDM ICAs, etc. in this supplement may be incorporated in the manuals at different times.
 - There will not be a revision to this supplement to indicate incorporation in the manuals. Users are required to check the ICA Supplement List for each manual affected to determine incorporation status.
- C. This supplement will be completely superseded by the manuals listed in the REVISIONS table when it has been incorporated in all of the manuals.

INTRODUCTION

1. Purpose

- A. The purpose of this Supplement is to provide the maintenance technician with the information necessary to ensure the correct functionality and performance of the Sealing Improvements for the Bullet Fairing on the Cessna Model 525 (Airplanes -0685 and -0800 and On) until this information gets incorporated into the next revision to the manuals listed in the "REVISIONS" section of this supplement.
- B. This ICA supplement is designed to satisfy the requirements of 14 CFR 23.1529 "Instructions for Continued Airworthiness" associated with this installation. This document is a supplement to the Model 525 (Airplanes -0685 and -0800 and On) Maintenance Manual and will be incorporated in the next revision to the manual.
- C. When this information is incorporated in the next revision to the manuals listed in the "REVISIONS" section, those manuals shall take precedence over this supplemental document. Refer to the "ICA Supplement List" in the "Introduction" section of the respective manual for the status of all applicable ICA Supplements.
- D. Revisions to this supplement may occur if there is a change to any of the ICAs in this supplement prior to incorporation into all of the affected manuals.

NOTE: This document must be placed with the aircraft operator's Technical Library CD-ROM or Model 525 (Airplanes -0685 and -0800 and On) Maintenance Manual and incorporated into the operator's scheduled maintenance program.

2. Effectivity

- A. These Instructions for Continued Airworthiness (ICA) are effective for the following aircraft model and serialization.

Model	Beginning Effectivity	Ending Effectivity
525	-1092	and On

3. Complete ICA Documents

- A. The following document(s), in conjunction with this supplement, constitute the Instructions for Continued Airworthiness for the Sealing Improvements for the Bullet Fairing on the Cessna Model 525 (Airplanes -0685 and -0800 and On). All items must be available to the operator at initial delivery.
 - (1) Model 525 (Airplanes -0685 and -0800 and On) Maintenance Manual

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LIST OF INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

- 1. Model 525 (Airplanes -0685 and -0800 and On) Maintenance Manual**
 - A. Chapter 55, Stabilizers
 - (1) ATA 55-30-00 Bullet Fairing - Removal/Installation

INSPECTION PROGRAM AND AIRWORTHINESS LIMITATIONS

1. Continuous Inspection Program

- A. This ICA Supplement does not affect the current inspection program.

2. Airworthiness Limitations

- A. Cessna Aircraft Company Model 525 (Airplanes -0685 and -0800 and On), Chapter 4, Airworthiness Limitations, contains the system and airframe limitations for the Model 525 (Airplanes -0685 and -0800 and On).

NOTE: The Airworthiness Limitations section is FAA-approved and specifies maintenance required under Section 43.16 and 91.403 of Title 14 Code of Federal Regulations, unless an alternative program has been FAA approved.

- (1) There are no new (or additional) airworthiness limitations associated with this equipment and/or installation.

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MODEL 525 (SERIALS -0685 AND -0800 AND ON)
MAINTENANCE MANUAL

BULLET FAIRING - REMOVAL/INSTALLATION

1. Aft Bullet Fairing Removal/Installation

- A. Remove the Aft Bullet Fairing (Refer to Figure 401).

NOTE: It is not necessary to remove the forward or lower bullet fairings to remove the aft bullet fairing.

- (1) On Airplanes -1092 and On, remove the sealant from where the aft bullet fairing attaches to the forward bullet fairing, lower bullet fairings, horizontal stabilizer and vertical stabilizer.
- (2) Remove the screws and washers that install the aft bullet fairing.
- (3) Disconnect the electrical connector (PV002) for the tail navigation light (FV001) and ground recognition beacon light (FV002) from the bullet fairing disconnect electrical connector (JV002).
- (4) Remove the aft bullet fairing.

- B. Install the Aft Bullet Fairing (Refer to Figure 401).

- (1) Connect the electrical connector (PV002) for the tail navigation light (FV001) and ground recognition beacon light (FV002) to the bullet fairing disconnect electrical connector (JV002).
- (2) Put the aft bullet fairing in its position on the horizontal stabilizer and vertical stabilizer.
 - (a) Install the screws and washers.
- (3) Do an electrical bond check (Type I) between the aft bullet fairing and the airplane structure. Refer to the Citation Standard Practices Manual, Chapter 20, Electrical Bonding and Grounding - Maintenance Practices.
- (4) On Airplanes -1092 and On, apply Type I, Class B sealant to make a aerodynamically seal around the aft bullet fairing where it attaches to the forward bullet fairing, lower bullet fairings, horizontal stabilizer, and vertical stabilizer. Refer to the Citation Standard Practices Manual, Chapter 20, Fuel, Weather, Pressure, and High-Temperature Sealing - Maintenance Practices.

2. Forward Bullet Fairing Removal/Installation

- A. Remove the Forward Bullet Fairing (Refer to Figure 401).

- (1) On Airplanes -1092 and On, remove the sealant from where the forward bullet fairing attaches to the aft bullet fairing, horizontal stabilizer, and vertical stabilizer.
- (2) Remove the screws and washers that install the forward bullet fairing.
- (3) Remove the forward bullet fairing.

- B. Install the Forward Bullet Fairing (Refer to Figure 401).

- (1) Put the forward bullet fairing in its position on the aft bullet fairing, horizontal stabilizer, and vertical stabilizer.
 - (a) Install the screws and washers.
- (2) Do an electrical bond check (Type I) between the forward bullet fairing and the airplane structure. Refer to the Citation Standard Practices Manual, Chapter 20, Electrical Bonding and Grounding - Maintenance Practices.
- (3) On Airplanes -1092 and On, apply Type I, Class B sealant to make a aerodynamically seal around the forward bullet fairing where it attaches to the aft bullet fairing, horizontal stabilizer, and vertical stabilizer. Refer to the Citation Standard Practices Manual, Chapter 20, Fuel, Weather, Pressure, and High-Temperature Sealing - Maintenance Practices.

3. Lower Bullet Fairing Removal/Installation

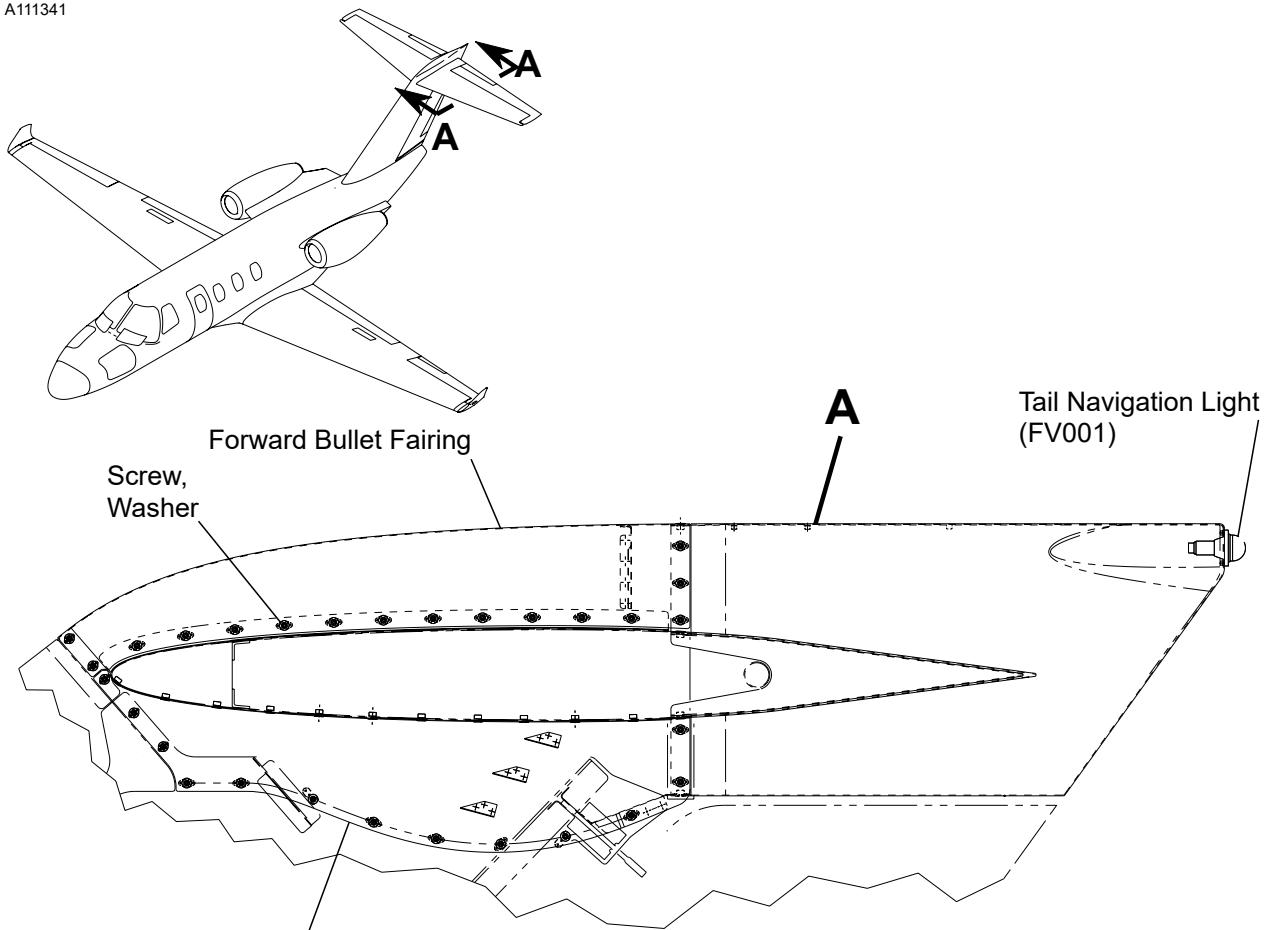
- A. Remove the Lower Bullet Fairing (Refer to Figure 401).

NOTE: The removal procedures for the left and the right lower bullet fairings are typical.

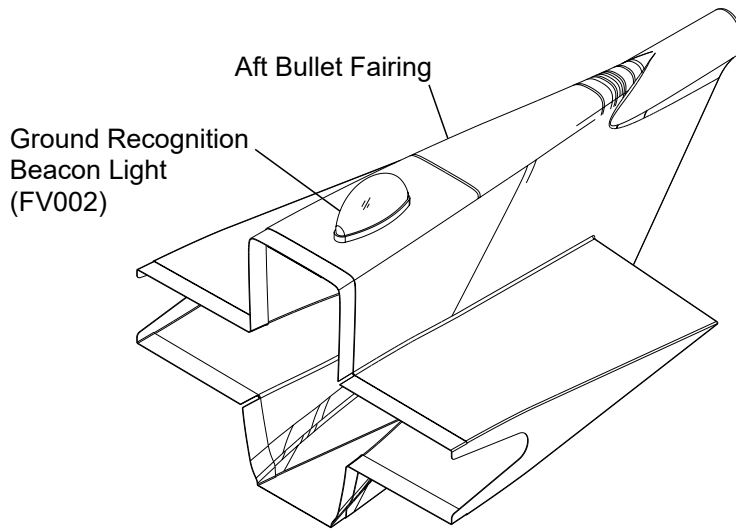
- (1) On Airplanes -1092 and On, remove the sealant from where the lower bullet fairing attaches to the aft bullet fairing, horizontal stabilizer, and vertical stabilizer.
- (2) Remove the screws and washers that install the lower bullet fairing.
- (3) Remove the lower bullet fairing.

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MAINTENANCE MANUAL

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VIEW A-A



DETAIL A

Bullet Fairing Installation
Figure 401 (Sheet 1)

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MAINTENANCE MANUAL

B. Install the Lower Bullet Fairing (Refer to Figure 401).

NOTE: The installation procedures for the left and the right lower bullet fairings are typical.

- (1) Put the lower bullet fairing in its position on the aft bullet fairing, horizontal stabilizer, and vertical stabilizer.
 - (a) Install the screws and washers.
- (2) Do an electrical bond check (Type I) between the lower bullet fairing and the airplane structure. Refer to the Citation Standard Practices Manual, Chapter 20, Electrical Bonding and Grounding - Maintenance Practices.
- (3) On Airplanes -1092 and On, apply Type I, Class B sealant to make a aerodynamically seal around the lower bullet fairing where it attaches to the aft bullet fairing, horizontal stabilizer, and vertical stabilizer. Refer to the Citation Standard Practices Manual, Chapter 20, Fuel, Weather, Pressure, and High-Temperature Sealing - Maintenance Practices.

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SUPPLEMENT NO: ICA-525-55-00002
APPENDIX A: ILLUSTRATED PARTS CATALOG

NOT APPLICABLE

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SUPPLEMENT NO: ICA-525-55-00002
APPENDIX B: WIRING DIAGRAM MANUAL

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