

TEXTRON AVIATION INC.  
AIRCRAFT DIVISION  
WICHITA, KANSAS 67277

# **Nose Landing Gear Steering Bearing ICA Supplement**

**MODEL NO: 560XL**

**SUPPLEMENT NO: ICA-560XL-32-00001**

**SUPPLEMENT DATE: 12/7/2018**

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**REVISIONS**

ICA-560XL-32-00001	Rev: -	Date: 12/7/2018
ICA Summary	Pages 1-6	
<b>Manuals Affected</b>	<b>Description</b>	<b>Title</b>
Maintenance Manual	12-20-32 pages 301 thru 307	Landing Gear - Servicing
<ul style="list-style-type: none"> <li>• Added servicing instructions for the new Nose Landing Gear Steering Bearings.</li> </ul>		
Appendix A: Illustrated Parts Catalog	NOT USED	
Appendix B: Wiring Diagram Manual	NOT USED	
Appendix C Component Maintenance Manual	32-20-01 pages 1 thru 6	Nose Landing Gear Assembly - Description and Operation
	32-20-01 pages 301 thru 302	Nose Landing Gear Assembly - Disassembly
	32-20-01 pages 501 thru 503	Nose Landing Gear Assembly - Check
	32-20-01 pages 601 thru 606	Nose Landing Gear Assembly - Repair
	32-20-01 pages 701 thru 713	Nose Landing Gear Assembly - Assembly
	32-20-01 pages 801 thru 804	Nose Gear - Fits and Tolerances
	32-20-01 pages 1001 thru 1113	Nose Landing Gear Assembly - Illustrated Parts List
<ul style="list-style-type: none"> <li>• Added the part numbers and maintenance procedures for the new Nose Landing Gear Assemblies.</li> </ul>		

**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**

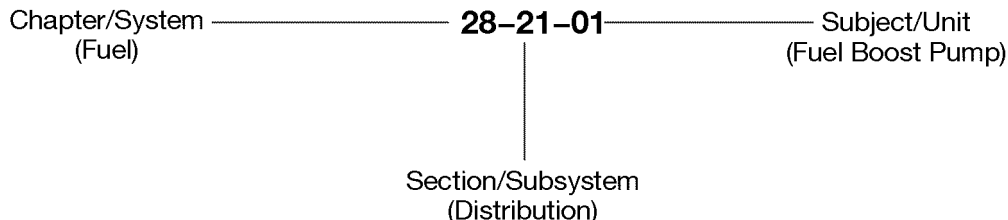
- A. Revision bars in this ICA supplement identify new ICAs and/or changes to the current ICAs in the released maintenance manual.
- New ICAs that are not in the current maintenance manual will have a revision bar from top to bottom along the left margin.
  - ICAs that are in the current maintenance 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.

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**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.

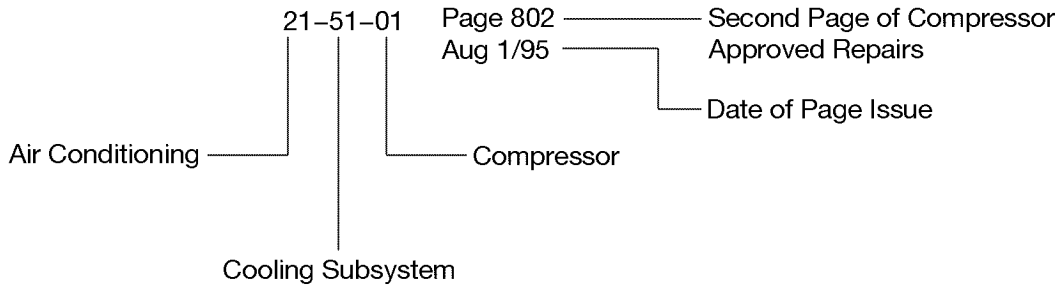
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- B. When the chapter/system element number is followed with zeros in the section/subsystem and subject/unit element number (28-00-00), the information is applicable to the entire system.
- C. When the section/subsystem element number is followed with zeros in the subject/unit element number (28-21-00), the information is applicable to the subsystems in the system.
- D. The subject/unit element number is used to identify information applicable to units in the subsystems. The subject/unit element number continues in sequence from the number -01- with the number of subsystem units in which maintenance information is necessary.
- E. All system/subsystem/unit (chapter/section/subject) maintenance data is separated into specified types of information: Description and Operation, Troubleshooting, Maintenance Practices, etc. Blocks of page numbers that are in sequence are used to identify the type of information:
- (1) Description and Operation or Troubleshooting information may not be included if the procedure is easy. When subtopics are short, they may be put together into the Maintenance Practices section. Maintenance Practices can have a mix of subtopics that includes information to service, remove, install, adjust, test, clean, paint or do approved repairs.
  - (2) Longer procedures that are not as easy to do may be included in a specified section.
    - Page 1 through 99 - Description and Operation
    - Page 101 through 199 - Troubleshooting
    - Page 201 through 299 - Maintenance Practices
    - Page 301 through 399 - Servicing
    - Page 401 through 499 - Removal/Installation
    - Page 501 through 599 - Adjustment/Test
    - Page 601 through 699 - Inspection/Check
    - Page 701 through 799 - Cleaning/Painting
    - Page 801 through 899 - Approved Repairs
- F. A typical page number:

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- G. Illustrations use the same figure numbers as the page block in which they appear. For example, Figure 202 would be the second figure in a Maintenance Practices section.

#### 4. Supplement Revisions

- A. Revisions to this supplement may be accomplished if changes to this supplement are required after release of the original issue and prior to incorporation into the manuals listed in the REVISIONS table.
- B. All revisions to this supplement will have changes identified in detail in the revision block(s) above.
- C. All pages in this ICA supplement will have the same date and are valid as of the date shown.

#### 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 Nose Landing Gear Steering Bearing on the Cessna Model 560XL 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 25.1529 "Instructions for Continued Airworthiness" associated with this installation. This document is a supplement to the Model 560XL 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 560XL 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
560XL	-6262	and On

### 3. Complete ICA Documents

- A. The following document(s), in conjunction with this supplement, constitute the Instructions for Continued Airworthiness for the Nose Landing Gear Steering Bearing on the Cessna Model 560XL. All items must be available to the operator at initial delivery.
  - (1) Model 560XL Maintenance Manual
  - (2) Citation Standard Practices Manual

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**LIST OF INSTRUCTIONS FOR CONTINUED AIRWORTHINESS**

**1. Model 560XL Maintenance Manual**

- A. Chapter 12 Servicing  
(1) Refer to Chapter 12-20-32 Landing Gear - Servicing

**2. Model 560XL Component Maintenance Manual**

- A. Chapter 32 Landing Gear  
(1) Refer to 32-20-01 Nose Landing Gear Assembly - Description and Operation.  
(2) Refer to 32-20-01 Nose Landing Gear Assembly - Disassembly.  
(3) Refer to 32-20-01 Nose Landing Gear Assembly - Check.  
(4) Refer to 32-20-01 Nose Landing Gear Assembly - Repair.  
(5) Refer to 32-20-01 Nose Landing Gear Assembly - Assembly.  
(6) Refer to 32-20-01 Nose Gear - Fits and Tolerances.  
(7) Refer to 32-20-01 Nose Landing Gear Assembly - Illustrated Parts List.

**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 Model 560XL Maintenance Manual, Chapter 4, Airworthiness Limitations, contains the system and airframe limitations for the Model 560XL.

**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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**SUPPLEMENT NO: ICA-560XL-32-00001**  
**APPENDIX A: ILLUSTRATED PARTS CATALOG**

**NOT APPLICABLE**



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**SUPPLEMENT NO: ICA-560XL-32-00001**  
**APPENDIX B: WIRING DIAGRAM MANUAL**

**NOT APPLICABLE**



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**SUPPLEMENT NO: ICA-560XL-32-00001**  
**APPENDIX C: COMPONENT MAINTENANCE MANUAL**