

Standard Practices Manual

KING AIR SERIES

REVISION SUMMARY/HIGHLIGHTS
P/N 130-590031-487 Revision B6

1. General

A. In this revision, the King Air Series Chapter 20 Standard Practices - Maintenance Manual chapters which have been revised or added are listed below with the Highlights of each change. Remove the affected pages and insert this Revision in accordance with the attached Instruction Page. Enter the revision number and the date inserted on the Record of Revisions page of this manual. The Highlights Page may be retained with the manual for future reference. Some sections have revised text and/or graphics which are indicated by a revision bar or highlighted text. All other sections have not been revised since the last revision.

2. Definition

A. Columns

- (1) CHAPTER/SECTION/SUBJECT - This column gives the manual location for each document in the revision.
- (2) DOCUMENT TITLE - This column gives the name of the document as it is given at the top of the actual document and in the Table of Contents.
- (3) DESCRIPTION - This column gives a short description of the changes that have been made to that section in this revision.

3. Revision Information

A. The changes that follow were made to the King Air Series Chapter 20 Standard Practices - Maintenance Manual:

CHAPTER SECTION SUBJECT	DOCUMENT TITLE	ACTION
Introduction	PUBLICATION TITLE PAGE	
Introduction	LIST OF EFFECTIVE PAGES	
Introduction	TABLE OF CONTENTS	
Introduction	LIST OF REVISIONS	<ul style="list-style-type: none"> • Updated for Revision 6.
Introduction	INTRODUCTION	<ul style="list-style-type: none"> • Added King Air 100 Series Maintenance Manual P/N 100-590038-17 to the list of manuals in Paragraph 1.A.
Chapter 20	LIST OF EFFECTIVE PAGES	
Chapter 20	TABLE OF CONTENTS	
20-08-01	EXTERIOR CLEANING/WASHING/RINSE	<ul style="list-style-type: none"> • Changed title to "Exterior Cleaning/Washing/Rinse - Servicing" • Added Salt Gone for Aviation cleaning agent information.
20-08-03	INTERIOR CLEANING/WASHING/RINSE	<ul style="list-style-type: none"> • New section for cleaning/washing/rinsing of the interior.
20-09-00	CORROSION	<ul style="list-style-type: none"> • Removed model designations from Paragraph 11, Steps (5) and (7).
20-14-00	SPECIAL TOOLS AND EQUIPMENT	<ul style="list-style-type: none"> • Corrected Figure 206 (Sheet 1). • Added travel gauge part numbers.
20-15-00	RECOMMENDED MATERIALS	<ul style="list-style-type: none"> • Added MS-122XD and MS-122DF grease to Table 202.

LIST OF REVISIONS

1. Revisions

- A. This manual includes the original issue and the revisions listed in [Table 1](#). To make sure that the information in this manual is current and the latest maintenance and procedures are available, the revisions must be incorporated in the manual as they are issued.

Table 1. 130-590031-487 - Maintenance Manual Revision Dates

Revision Number	Date	Revision Number	Date
Original Issue	1 Nov 2014	B0	1 Nov 2018
B1	15 Oct 2020	B2	15 Feb 2022
B3	1 Apr 2023	B4	15 Sep 2023
B5	1 Mar 2024	B6	1 Oct 2024

NOTE: Basic publications are assigned a part number which appears on the title page with the date of the issue. Subsequent revisions are identified by the addition of a revision code after the part number. A1 after a part number denotes the first revision to the basic publication, A2 the second, etc. Occasionally, it is necessary to completely reissue and reprint a publication for the purpose of obsoleting a previous issue and outstanding revisions thereto. As these replacement reissues are made, the code will also change to the next successive letter of the alphabet at each reissue. For example, B for the first reissue, C for the second, etc. Revisions listed above include only the original issue, reissues, and the revisions issued subsequent to the last reissue of the manual.

2. Export Compliance

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ECCN: 9E991

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INTRODUCTION

1. Information

Reissues and revisions are automatically provided to the subscription holders of the manual. Additional publications are listed in 1View. For more information on these publications, or to check subscription status, contact the Technical Manual Distribution Center (TMDC) at 1-800-796-2665 or 316-517-6215, fax 316-671-2540.

1View contains selected manuals in a digital format. This manual, along with others, is available on CD-ROM and online. Optional paper copies of the manuals on CD-ROM are available for purchase.

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A. General

The King Air Series Chapter 20 Standard Practices - Maintenance Manual is prepared in accordance with the requirements of ATA (Airline Transport Association of America) Specification 2200 with respect to the arrangements and content of the Chapter/System with the designated numbering system. The manual has one volume and supplements the following manuals:

- King Air 90 Series Maintenance Manual, P/N 90-590012-13
- King Air 100 Series Maintenance Manual, P/N 100-590038-17
- Super King Air 200 Series Maintenance Manual, P/N 101-590010-19
- Super King Air Model 300 and 300LW Maintenance Manual, P/N 101-590097-9
- Super King Air B300/B300C Maintenance Manual, P/N 130-590031-11
- King Air C90GTi Fusion Maintenance Manual, P/N 434-590171-0009
- Super King Air B200GT/B200CGT Fusion Maintenance Manual, P/N 434-590168-0009
- Super King Air B300/B300C Fusion Maintenance Manual, P/N 434-590169-0009

This manual describes the physical and chemical processes which require the use of chemicals, solvents, paints, and other commercially available materials. The user of this manual should obtain the Material Safety Data Sheets (MSDS) or Safety Data Sheets (SDS) from the manufacturers or suppliers of the materials to be used. The user must be completely familiar with the manufacturer/supplier information and obey the procedures, recommendations, warnings and cautions set forth for the safe use, handling, storage and disposal of the materials.

Updated specification numbers and material equivalents or acceptable alternatives have been approved by the Textron Aviation Materials and Process Laboratory, Wichita, Kansas, USA.

Manufacturers, where known, are listed in the Suppliers Code column and correspond to chapter 20-14-00 where current manufacturer names and addresses are provided.

It shall be the responsibility of the owner/operator to make sure that the latest revision of the publications referenced in this manual are utilized during operation, servicing and maintenance of the airplane.

In addition to this manual and its subsequent revisions, additional maintenance information is published in the form of Textron Aviation service bulletins. The information contained in these service bulletins is an integral part of, and is to be used in conjunction with, the information contained in this manual.

Textron Aviation expressly reserves the right to supersede, cancel and/or declare obsolete any parts, part numbers, kits or publications that may be referenced in this manual without prior notice.

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WARNING: Any maintenance requiring the disconnect and reconnect of flight control cables, plumbing, electrical connectors or wiring requires identification of each side of the component being disconnected to facilitate correct reassembly. At or prior to disassembly, components should be color coded, tagged or properly identified in a way that it will be obvious how to correctly reconnect the components. After recondition of any component, remove all identification tags. Check all associated systems for correct function prior to returning the airplane to service.

B. Correspondence

If a question should arise concerning the care of your airplane, it is important to include the airplane serial number in any correspondence. The serial number appears on the model designation placard. Refer to Chapter 11 of the relevant Illustrated Parts Catalog for Placard location.

C. Publications Change Request (PCR)

If an irregularity or missing information is noted, the user of this manual may access a PCR form at <https://ww2.txtav.com/TechnicalPublications/PCR>. Instructions on how to submit a PCR are included on the web page.

D. Normal Revisions

Normal Revisions to this manual are issued to provide changes to standard practices information.

1. Paper Revision - That portion of text which has been revised by the addition of, or a change in, information is denoted by a solid revision bar adjacent to the text. Each revised page will ONLY show revision bars for text changed by the revision. There will not be a revision bar if text was deleted from the page. Revised illustrations will be identified by a revision bar printed on the side of the page.
2. CD-ROM Revision - For each revision of this manual, a new CD-ROM will be issued. The CD-ROM may contain revised illustrations. Revisions to the illustrations are not identified.

E. Temporary Revisions

Temporary Revisions to this manual are issued to provide standard practices information in the interim between normal revisions. Each temporary revision is issued by the chapter number to which it applies, followed by a sequential number in the order of publication (Temporary Revisions 20-1, 20-2, etc.). If relevant, the information in the temporary revision should be included in the next normal revision of the manual.

1. Paper Temporary Revisions - Temporary Revisions are printed on yellow paper and are to be inserted in the maintenance manual in accordance with the instructions provided and adjacent to applicable chapter, section, and subject matter in the manual.
2. CD-ROM Temporary Revisions - A new CD-ROM will be issued for each Temporary Revision to this manual. This information is listed in conjunction with the applicable chapter, section, subject on the CD-ROM.

F. Revised Text

Paper Manual - Additions or revisions to text in a section will be identified by a revision bar adjacent to the change in the margin of the page. The current revision date for that section will show in the lower right corner of the section, below the page number. When large technical changes are made to text in a section, a revision bar will be shown the full length of the text.

Electronic Manual - Additions or revisions to text in a section will have a teal background to show the revised text. The current revision number for the manual will show in parenthesis in the upper right corner of the page adjacent to the title of the manual. The revision number for that section will show in parenthesis in the upper left corner of the page adjacent to the chapter-section-subject. When large technical changes are made to text in a section, the teal background will show the full length of the text.

G. Revised Illustrations

When an illustration is modified or a new illustration is added, it will be noted by a solid line (revision bar) along the outside margin of the illustration.

H. Warnings, Cautions and Notes

- **WARNING** - Brings attention to an operating procedure, inspection or maintenance practice, which if not correctly followed, could result in personal injury or loss of life.
- **CAUTION** - Brings attention to an operating procedure, inspection, repair or maintenance condition, which if not strictly observed, could result in damage or destruction of equipment.
- **NOTE** - Brings attention to an operating procedure, inspection, repair or maintenance condition, which is essential to highlight.

2. Manual Layout

- A. Title Page
A Title page is located at the beginning of the manual and provides the part number of the manual, and lists all airplane models pertaining to this manual. Information throughout this manual is applicable to all models listed on the title page except where specifically stated.
- B. List of Effective Revisions/List of Effective Pages
The printed manual will have a List of Effective Revisions/List of Effective Pages, ("A" page) following the title page of the manual. The List of Effective Revisions page list the revisions currently effective for the manual. The List of Effective Pages section lists the page effectivity for the Title Page(s), "A" page(s) and introduction chapter.
- C. Record of Revisions Page
The printed manual will have a Record of Revisions page. The Record of Revisions is provided following the List of Effective Revisions/List of Effective Pages ("A" page). When a revision is inserted, the revision number, the date the revision is inserted into the manual, and the initials of the person(s) inserting the revision should be recorded on this page.
- D. Log of Temporary Revisions Page
The printed manual will have a Record of Temporary Revisions page. The Record of Temporary Revisions Page is located following the Log of Temporary Revisions Page. When a temporary revision is inserted or removed from this manual, the appropriate information should be recorded on this page.
- E. Record of Temporary Revisions Page
The printed manual will have a Record of Temporary Revisions page. The Record of Temporary Revisions Page is located following the Log of Temporary Revisions Page. When a temporary revision is inserted or removed from this manual, the appropriate information should be recorded on this page.
- F. Chapter 20 - List of Effective Pages
The printed manual has a Chapter 20 List of Effective Pages. The Chapter 20 List of Effective Pages follow the Chapter-Divide-Tab and lists the issue date of each page that is effective for Chapter 20.
- G. Chapter 20 - Table of Contents Pages
The printed manual has a Chapter 20 Table of Contents Pages. The Chapter 20 Table of Contents Pages follow the Chapter 20 List of Effective Pages and lists the contents of the data for Chapter 20.

3. How To Use The Manual

- A. ATA Subject Matter Assignment
The contents of this manual are organized into three levels. The three levels are:
 - 1. Level 1 - Chapter/System. The various procedures are broken down into two major groups, Standard Practices and Consumable Materials. They are assigned a number, which becomes the first element of the standardized numbering system. Thus the element "20" of the number 20-15-00 refers to the Chapter "STANDARD PRACTICES".
 - 2. Level 2 - Subsystem/Section. The chapter/system of a procedure is broken down into subsystems/sections. These subsystems are identified by the second element of the standard numbering system. The element "15" of the number 20-15-00 concerns itself with Recommended Materials.
 - 3. Level 3 - Unit/Subject. The individual units within a subsystem/section may be identified by the third element of the standard numbering system. The element "00" is a subject designator. This element is assigned at the option of the manufacturer and may or may not be used.
 - 4. Additional Data - Page Block. The data may be additionally broken down into page blocks.
 - a) Page Block 0 - Page 1 thru 99 System Description
 - b) Page Block 2 - Page 201 thru 299 Maintenance Practices
- B. References to Procedures, Figures, Equipment and Materials
A system has been developed to provide a method of allowing the user to quickly locate data referred to in the other manuals. This system provides information for both the printed manual as well as a hyperlink in electronic manuals. Here are a few examples:
When the user is directed to information in another manual, the text will be as follows: Refer to SKIN DENTS (Ref. SIRM, 51-10-01, 201). The information is found in Chapter 51-10-01 within page block 201 of the Structure Inspection and Repair Manual. When the user is in a procedure and is directed to information about a tool or piece of equipment, for example a Milliohmeter, the text will be as follows: (Ref. 001, Table 201). The Milliohmeter information is found in Chapter 20-14-00 within page block 201 of this Manual.