

Chapter 02

ORGANIZATION OF THE MANUAL

FBA-2C1, FBA-2C2, FBA-2C3
FBA-2C4, FBA-2C3T, FBA-2C4T

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LIST OF EFFECTIVE PAGES			
Chapter	Section	Page No.	Date
02	02-Title	1	January 23, 2012
		2	January 23, 2012
	02 -LOEP	1	November 27, 2012
		2	January 23, 2012
	02 -TOC	1	January 23, 2012
		2	January 23, 2012
	02-00	1	July 28, 2008
		2	July 28, 2008
		3	July 28, 2008
		4	July 28, 2008
		5	July 28, 2008
		6	July 28, 2008
		7	July 28, 2008
		8	July 28, 2008
		9	November 27, 2012
		10	July 28, 2008
		11	July 28, 2008
		12	July 28, 2008

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02 ORGANIZATION OF THE MANUAL

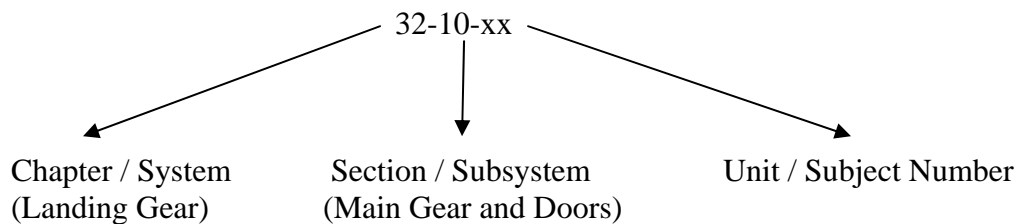
1. GENERAL

A. Chapter Numbering

This manual is organized using the chapter numbering system of the Air Transport Association of America Specification 100 (ATA 100). Each system is given a chapter number from the ATA 100. Where applicable, a chapter contains sections for each subsystem.

The ATA100 Numbering System

The ATA100 numbering system uses 3 pairs of numbers, for example:



The first pair of numbers is the system. System 32 is the Landing Gear. The second pair of numbers is the subsystem. Subsystem 10 is Main Gear and Doors. The third pair of numbers is a unit. A unit could be the main gear door itself.

B. List of Effective Pages

The first section in the manual is the List of Effective Pages (LOEP). The LOEP shows the number and effective date of each page contained in the Airplane Maintenance Manual. The LOEP is used to control the revision status of the manual. When changes are made to the manual the date on the effected pages is changed to the date of the revision and the LOEP is revised to show which pages have been changed. The latest change is noted by a bar in the column to the right of the effected page in the LOEP.

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C. General Airplane information is contained in Chapters 1 through 12

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Lifting and Shoring	7
Leveling and Weighing	8
Towing and Taxiing	9
Parking and Mooring	10
Placards	11
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D. Airframe System information is contained in Chapters 20 through 37

Standard Practices – Airframe	20
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Auto Flight	22
Communications	23
Electrical Power	24
Equipment and Furnishings	25
Fire Protection	26
Flight Controls	27
Fuel	28
Instrument Panels	31
Landing Gear and Brakes	32
Lighting	33
Flight and Navigation	34
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E. Airframe Structural information is contained in Chapters 51 through 57

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F. Propulsion information is contained in Chapters 61 through 80

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Engine Fuel System	73
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Starting	80

2. MODEL AND SERIAL NUMBER APPLICABILITY

Each aircraft manufactured by FAC is assigned a serial number. As noted in Chapter 1 this manual is applicable to four models. The serial number range for each model is as follows:

- FBA-2C1 S/N 28 to 99
- FBA-2C2 S/N 100 to 299
- FBA-2C3 S/N 300 to 3999
- FBA-2C4 S/N 4000 and subsequent

Data applicable to a particular model is noted by including the model number in the section description. For example:

32-10-10 Main Gear Fairings (2C1 and 2C2)

Data applicable to a series of airplane is marked with an applicability note. For example:

Valid for S/N 28 thru 39

This shows that you can use this data for airplanes with serial numbers 28 through 39 inclusive.

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3. WEB ACCESS AND REVISION SERVICE

This Airplane Maintenance Manual is maintained in Adobe Portable Document Format (PDF) on the Found Aircraft Canada (FAC) website (www.foundair.com). The website also provides access to the Illustrated Parts Catalog, Service Bulletins, Service Instructions, and Pilots Operating Handbook. Access to these documents is unlimited.

FAC does not maintain or distribute paper copies of this manual. It is possible to download and print pages from this manual. These pages will print with a diagonal watermark stating “Uncontrolled Copy”. The watermark is there to remind the user that the controlled copy of the manual is posted on the FAC website. Before servicing or repairing the airplane, maintenance personnel must check the website to ensure they have the latest information.

Found Aircraft Canada makes changes to the Airplane Maintenance Manual to show design changes, revised inspection intervals, maintenance procedure changes or other changes. Each group of changes is controlled by the date of the change rather than by a revision number. The list of effective pages is revised each time a change is made to the manual.

A manual revision contains these items:

- The changed pages.
- A new List of Effective Pages.

A vertical bar in the left margin of odd numbered page shows the changes, while a vertical bar in the right margin shows the changes to even numbered pages.

The Document Control Department at FAC maintains a list of all owners and special interest groups. The special interest groups consists of government agencies and maintenance organizations that have an interest in being kept up to date with any changes to the ICA documents. To be placed on the list contact the Document Control Department at FAC (qualityassurance@foundair.com).

When a revision is made to the manual, FAC Document Control will email all owners and special interest groups to notify them of the revision. It is therefore important that the owners and special interest groups notify FAC (qualityassurance@foundair.com) of any changes to their email addresses.

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4. SERVICE BULLETINS AND INSTRUCTIONS

Found Aircraft Canada may publish and distribute to all aircraft owners, additional information that is relevant to the care of their aircraft. These instructions will be either a Service Bulletin, or a Service Instruction.

A. Service Bulletins

Service Bulletins include the description of a problem and the solution. A Service Bulletin is mandatory, and must be accomplished by the owner within the time period specified, or, if the aircraft is out of service then the Service Bulletin must be accomplished before the aircraft is returned to service. Failure to follow a Service Bulletin, can result in failures or malfunctions during further operation of the airplane.

All applicable Service Bulletins are normally incorporated at the time of delivery of the airplane. When a subsequent Service Bulletin is issued after the delivery date, FAC will notify the airplane owner via email that a Service Bulletin applicable to their aircraft has been issued and is posted on the FAC website. The Service Bulletin number, date, title and incorporation should be recorded in the airplane technical records when the work is complete.

B. Service Instructions

Service Instructions contain information about minor changes or optional equipment installations. The changes described in a Service Instructions may be used to correct a minor problem that is not safety related but which may result in additional maintenance if left unchanged. A Service Instruction is not mandatory, and may be carried out by the owner at their discretion.

All applicable Service Instructions are normally incorporated at the time of delivery of the airplane. When a subsequent Service Instruction is issued after the delivery date, FAC will notify the airplane owner via email that a Service Instruction applicable to their aircraft has been issued and is posted on the FAC website. The Service Instruction number, date, title and incorporation should be recorded in the airplane technical records when the work is complete.

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5. ABBREVIATIONS

ACL	Anti-Collision Light
ADF	Automatic Direction Finder
AME	Aircraft Maintenance Engineer
A&P	Aircraft and Power Plant Mechanic
ASI	Airspeed Indicator
CFRP	Carbon Fiber Reinforced Plastic
DEBA	Designated Electrical Bonding Area
DME	Distance Measuring Equipment
EMF	Expanded Metal Foil
ELT	Emergency Locator Transmitter
FAC	Found Aircraft Canada
FRP	Fiber Reinforced Plastic
GFRP	Glass Fiber Reinforced Plastic
GPS	Global Positioning System
G/S	Glide Slope
IFR	Instrument Flight Rules
HSI	Horizontal Situation Indicator
LOC	Localizer
LOEP	List of Effective Pages
OAT	Outside Air Temperature
SB	Service Bulletin
S/N	Serial Number
TBO	Time Between Overhaul
TOC	Table of Contents
TSMOH	Time Since Major Overhaul
UHF	Ultra High Frequency
TTSN	Total Time Since New
VFR	Visual Flight Rules
VHF	Very High Frequency
VOR	VHF Omni-directional Ranging
VSI	Vertical Speed Indicator

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