



**KEITH PRODUCTS, L.P.**

**ENVIRONMENTAL SYSTEMS**

**CERTIFICATION REPORT NO. CR-77-9**

**AIR CONDITIONING/HEATING SYSTEM INSTALLATION**

**FLIGHT MANUAL SUPPLEMENT**

**FOR**

**CESSNA MODELS:**

**500/501**

**STC NO. SA2698SW**

**Date:** April 7, 1992  
**Rev:** B  
**Rev. Date:** May 20, 1994

Keith Products, Inc.  
4554 Claire Chennault  
Dallas, Texas 75248

## AIRPLANE FLIGHT MANUAL SUPPLEMENT

FOR

CESSNA MODELS 500 &amp; 501

WITH

FREON AIR CONDITIONING SYSTEM INSTALLATION

REGISTRATION NO. \_\_\_\_\_

SERIAL NO. \_\_\_\_\_

This supplement must be attached to the Cessna 500/501 FAA approved Airplane Flight Manual when a R-12 or R134a Air Conditioning System is installed in accordance with STC SA2698SW. The information contained herein supplements or supersedes the information of the basic Airplane Flight Manual only in those areas listed. For Limitations, Procedures and Performance Data not contained in this supplement, consult the basic Airplane Flight Manual.

APPROVED: \_\_\_\_\_

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Date: 5/20/94

FAA APPROVED  
DATE: APR 07 1992

Rev. B MAY 20 1994

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AIRPLANE FLIGHT MANUAL  
SUPPLEMENT FOR CESSNA MODELS 500 & 501  
FREON AIR CONDITIONING SYSTEM

LOG OF REVISIONS

<u>REV NO.</u>	<u>DESCRIPTION</u>	<u>PAGES REVISED</u>	<u>APPROVED BY</u>	<u>DATE</u>
A	1. Change from Parker to Keith as Mfgr.	All	Patrick Long	4/07/92
	2. Revised to new format.	All		
B	1. Changed reference to "Freon" to "R-12 or R134a"	1		
	2. Added Revision Level to all pages.	All	<i>Of Merrill</i>	MAY 20 1994
	3. Changed "rocker" to "selector"	4		
	4. Changed "engraved" to "labeled"	4		

FAA APPROVED  
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FREON AIR CONDITIONING SYSTEM

LIST OF CONTENTS IN THIS SUPPLEMENT

INTRODUCTION	. Page 4
OPERATING LIMITATIONS . . . . .	. Page 4
NORMAL OPERATING PROCEDURES . . . . .	. Page 4
EMERGENCY PROCEDURES	. Page 4
PERFORMANCE .	. Page 4

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FREON AIR CONDITIONING SYSTEM

INTRODUCTION

No Change

OPERATING LIMITATIONS

Air conditioning not to be used above eighteen (18) thousand feet.

Air conditioning must be turned off in case of generator loss in flight.

NORMAL OPERATING PROCEDURES

Air conditioning may be operated with ground power or aircraft electrical system providing 28 VDC to the main bus. To operate system proceed as follows: Turn on air conditioner with the selector switch labeled AIR COND, OFF, FAN located on the right side of the instrument panel. For maximum cooling, close door and window. Turn off air conditioner with the selector switch.

EMERGENCY PROCEDURES

No Change.

PERFORMANCE

No Change