



KEITH PRODUCTS, L.P.

CERTIFICATION REPORT NO. CR-79-9

AIRPLANE FLIGHT MANUAL SUPPLEMENT

FOR CESSNA MODEL
550, S550, 551 and 560

S/N: _____

REG: _____

WITH KEITH PRODUCTS, L.P. AIR CONDITIONING SYSTEM

This supplement shall be attached to the applicable FAA approved Airplane Flight Manual when a Keith Products R-12 or R134a Air Conditioner is installed as per STC No. SA2698SW. The information contained herein supplements the basic manual only in those areas listed herein. For Limitations, Procedures, and Performance information not contained in this supplement, consult the basic Airplane Flight Manual.

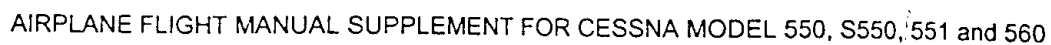
APPROVED: _____

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FEB 08 2002

FAA APPROVED:
REVISION:

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LOG OF REVISIONS

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AIRPLANE FLIGHT MANUAL SUPPLEMENT
FOR
CESSNA MODEL
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SECTION I**INTRODUCTION**

No Change

SECTION II**OPERATING LIMITATIONS**

The air conditioning system is not to be used above 18,000 feet.

PLACARDS:

If the aircraft is equipped with the compressor/condenser pallet mounted in the aft baggage compartment and if the baggage compartment is a standard compartment, originally placarded at 200 pounds, the compartment shall contain a new placard limitation as follows:

“Baggage Compartment Maximum
Weight Allowance – 150 Pounds”

If the aircraft is equipped with the compressor/condenser pallet mounted in the aft baggage compartment and if the baggage compartment is an extended compartment, originally placarded at 500 pounds, the compartment shall contain a new placard limitation as follows:

“Baggage Compartment Maximum
Weight Allowance – 450 Pounds”

If the aircraft is equipped with the compressor/condenser pallet mounted outside the aft baggage compartment, on the forward side, the original baggage compartment placard remains unchanged.

SECTION III**OPERATING PROCEDURES****EMERGENCY:**

In the event of an air condition/fan system failure or malfunction, the system should be deactivated as follows:

- 1) The air condition fan/selector switch → OFF

Note: The compressor, condenser and evaporator motors may be deactivated by pulling the 15 amp "air conditioner" circuit breaker. When air conditioner mode is deactivated, the blue advisory annunciation light is not illuminated.

ABNORMAL:

Single Generator Failure (Generator off light on). In the event of a generator failure in flight, the air conditioner compressor motor will automatically load shed. The cabin evaporator motors must be turned off as follows:

- 1) The air conditioner/fan selector switch → OFF

Note: Check that the remaining generator load is within limits.

NORMAL:

Air conditioning may be operated with ground power or aircraft electrical system providing 28 VDC to the main buss. To operate system proceed as follows:

- 1) Turn **ON** air conditioning with switch located on right side of instrument panel. For maximum cooling, close door and window. Turn **OFF** air conditioning with switch.



SECTION IV

PERFORMANCE

No Change.

SECTION V

APPENDIX

No Change

SECTION VI

WEIGHT & BALANCE

Refer to Current Weight & Balance Load