



**KEITH PRODUCTS, L.P.**

**ENVIRONMENTAL SYSTEMS**

**CERTIFICATION REPORT NO. CR-31-9**

**AIR CONDITIONING/HEATING SYSTEM INSTALLATION**

**FLIGHT MANUAL SUPPLEMENT**

**FOR**

**PIPER MODELS:  
PA-31**

**STC NO. SA2124WE**

**Date:** March 24, 1970  
**Rev:** A  
**Rev. Date:** February 4, 1981

# Keith

FAA APPROVED

AIRPLANE FLIGHT MANUAL SUPPLEMENT

FOR

PIPER MODEL: PA-31

This supplement must be attached to the FAA approved Airplane Flight Manual when an airconditioning system is installed in accordance with STC SA2124WE. The information contained herein supplements or supersedes 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.

LIMITATIONS	Page 2
II. EMERGENCY PROCEDURES	Page 2
III. NORMAL PROCEDURES	Page 2
IV. PERFORMANCE	Page 2

FAA APPROVAL: Gerald E. Goodblood DATE: March 24, 1970  
GERALD E. GOODBLOOD, Chief  
Engineering and Manufacturing Branch  
ARM-210

I. LIMITATIONS

Placard on Engine Start Panel:

DO NOT USE AIRCONDITIONER WITH ONE ALTERNATOR INOPERATIVE

CAUTION

DO NOT ATTEMPT A BATTERY START OF THE ENGINES WITH AIRCONDITIONER ON --  
TURN OFF.

II. EMERGENCY PROCEDURES

In the event of engine or generator failure, the airconditioner must  
be turned off.

III. NORMAL PROCEDURES

Airconditioning system operation. The airconditioning switch is  
located on the pilot's left hand switch panel.

To turn airocnditioner ON - Move switch to "AIRCONDITIONER"

To turn airconditioner OFF - Move switch to "OFF"

To operate vent fan without cooling - Move switch to "FAN ONLY"

IV. PERFORMANCE

No change.

FAA APPROVED: *Herald E. Goodblood* DATE: 3/24/70

