



KEITH PRODUCTS, L.P.

ENVIRONMENTAL SYSTEMS

CERTIFICATION REPORT NO. CR-690-840-9

AIR CONDITIONING/HEATING SYSTEM INSTALLATION

FLIGHT MANUAL SUPPLEMENT

FOR

GULFSTREAM MODELS:

690, 690A, 690B, 690C, 690D, 695, 695A

STC NO. SA4583SW

Date: MAY 21, 1982
Rev: B
Rev. Date: AUGUST 15, 1994

FAA APPROVED SUPPLEMENT
TO
PILOT'S OPERATING HANDBOOK AND/OR
FAA APPROVED AIRPLANE FLIGHT MANUAL
FOR
GULFSTREAM AMERICAN MODELS:
690, 690A, 690B, 690C, 690D, 695, 695A
WITH
KEITH PRODUCTS, INC. AIR CONDITIONING SYSTEM

MODEL: _____
REG. NO. _____
SER. NO. _____

This supplement shall be attached to the applicable FAA approved flight manual or Pilot's Operating Handbook when a Keith Products electrically - driven vapor cycle, freon or refrigerant R134a air conditioning system is installed in accordance with STC SA4583SW.

The information contained herein supplements the basic POH and/or AFM only in those areas listed herein. For limitations, procedures and performance information not contained in this Supplement, consult the basic POH and/or AFM.

APPROVED BY:

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FAA APPROVED: AUG 15 1984
REVISION: 2



GULFSTREAM AMERICAN
MODELS: 690, 690A, 690B, 690C, 690D, 695, 695A

LOG OF REVISIONS

Original	May 21, 1982
1	September 10, 1982
2	August 15, 1994

<u>Page</u>	<u>Revision No.</u>	<u>Description</u>
1	2	Deleted Models 680FL(P), 680T, 680V, 680W, 681, 685 from Title. Was Freon Air Conditioner, Now electrically driven vapor cycle, freon or refrigerant R134a air conditioning system. Moved Sections I - IV to page 3.
2	2	Added.
3	2	Added.

SECTION I**LIMITATIONS****AIR CONDITIONING LIMITATIONS**

1. Air conditioning NOT to be used above 18,000 feet.
2. Air conditioning must be turned OFF with loss of a generator and/or engine.

PLACARDS

Placard, located above air conditioning control switches.

FL 180 MAX OPER

SECTION II**NORMAL PROCEDURES**

Operate air conditioning with G.P.U. or aircraft electrical system functioning.

SECTION III**EMERGENCY PROCEDURES**

No Change.

SECTION IV**PERFORMANCE**

No Change.