

# SAFETY SUPPLEMENT

## FLIGHT MANUAL FLIGHT MANUAL

USAF SERIES

### C-118A and VC-118A

AIRCRAFT

THIS PUBLICATION SUPPLEMENTS T.O. 1C-118A-1. Reference to this supplement will be made on the title page of the basic manual by personnel responsible for maintaining the publication in current status.

COMMANDERS ARE RESPONSIBLE FOR BRINGING THIS SUPPLEMENT TO THE ATTENTION OF ALL AF PERSONNEL CLEARED FOR OPERATION OF SUBJECT AIRCRAFT.

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23 MAY 1963

#### 1. PURPOSE.

To provide revised ESTIMATED FUEL CONSUMPTION FOR CRUISE POWERS - LOW BLOWER AND HIGH BLOWER charts and to discontinue use of fuel flow values on all POWER SETTINGS FOR CRUISE charts in Appendix Part 5.

#### 2. GENERAL.

Engine operation using the BMEP drop method, with the present fuel flow values contained in Figures A2-14 and A2-15, ESTIMATED FUEL CONSUMPTION FOR CRUISE POWERS - LOW AND HIGH BLOWER, and from POWER SETTINGS FOR CRUISE charts in Part 5 of the Appendix, could result in mixture ranges which could cause engine failure plus loss of payload due to increased fuel consumption.

#### 3. INSTRUCTIONS.

a. Revised charts contained herein shall be used in lieu of Figures A2-14 and A2-15 contained in T.O. 1C-118A-1, dated 15 June 1962, changed 16 July 1962.

b. Fuel flow values on the POWER SETTINGS FOR CRUISE charts contained in Appendix Part 5 of T.O. 1C-118A-1, dated 15 June 1962, changed 16 July 1962 WILL NOT BE USED but will be derived from the ESTIMATED FUEL CONSUMPTION FOR CRUISE POWER charts contained in this Safety Supplement.

## ESTIMATED FUEL CONSUMPTION FOR CRUISE POWERS

MODEL C-118A  
DATA BASIS: P & W SPECIFIC  
OPERATING INSTRUCTIONS AS OF 2-15-59

ENGINE(S): R2800-52W

LOW BLOWER

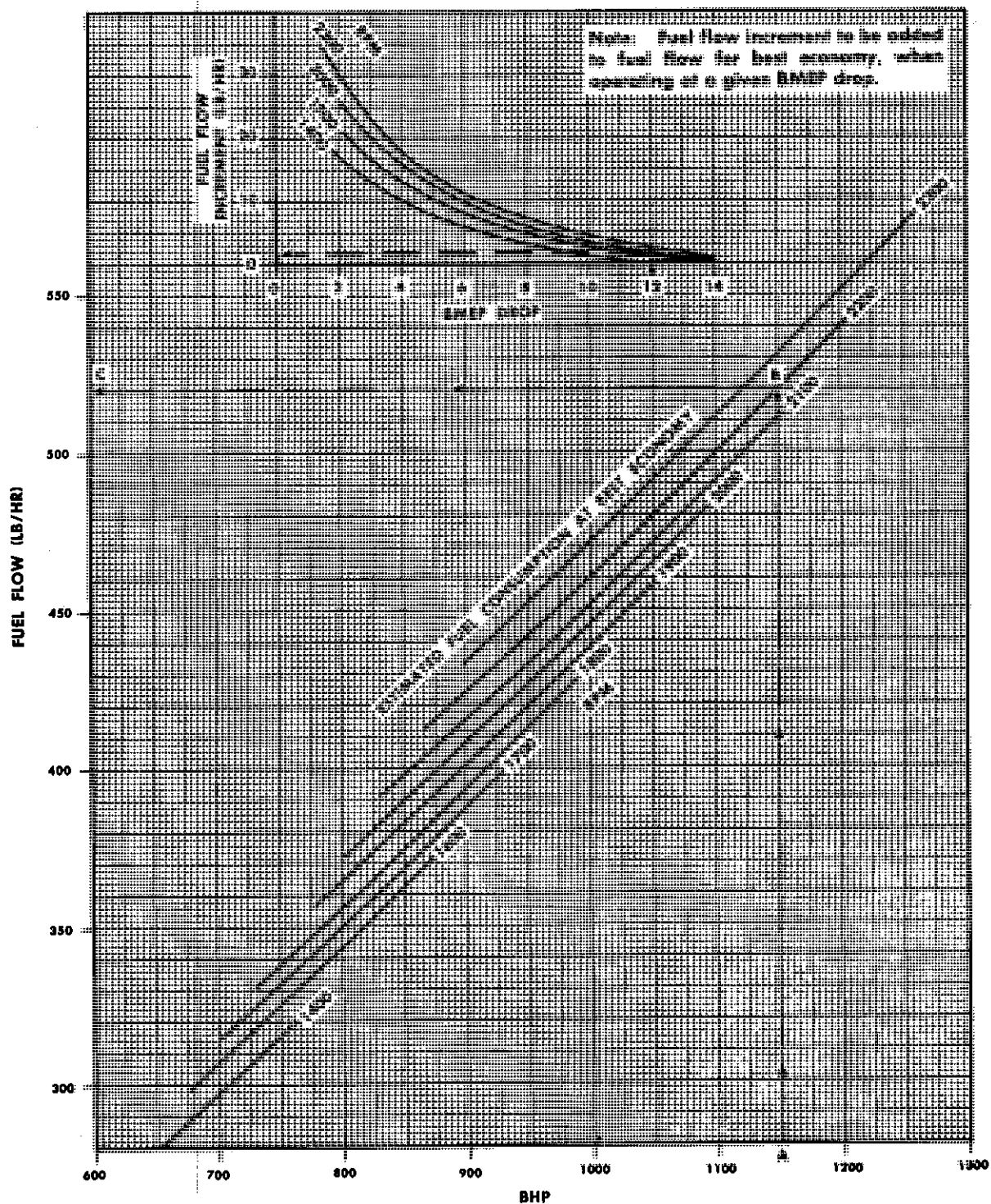


Figure A2-14. Estimated Fuel Consumption for Cruise Powers - Low Blower

AA1-12

## ESTIMATED FUEL CONSUMPTION FOR CRUISE POWERS

MODEL C-118A

DATA BASIS: P &amp; W SPECIFIC

OPERATING INSTRUCTIONS AS OF 2-15-59

ENGINE(S): R-2800-52W

HIGH BLOWER

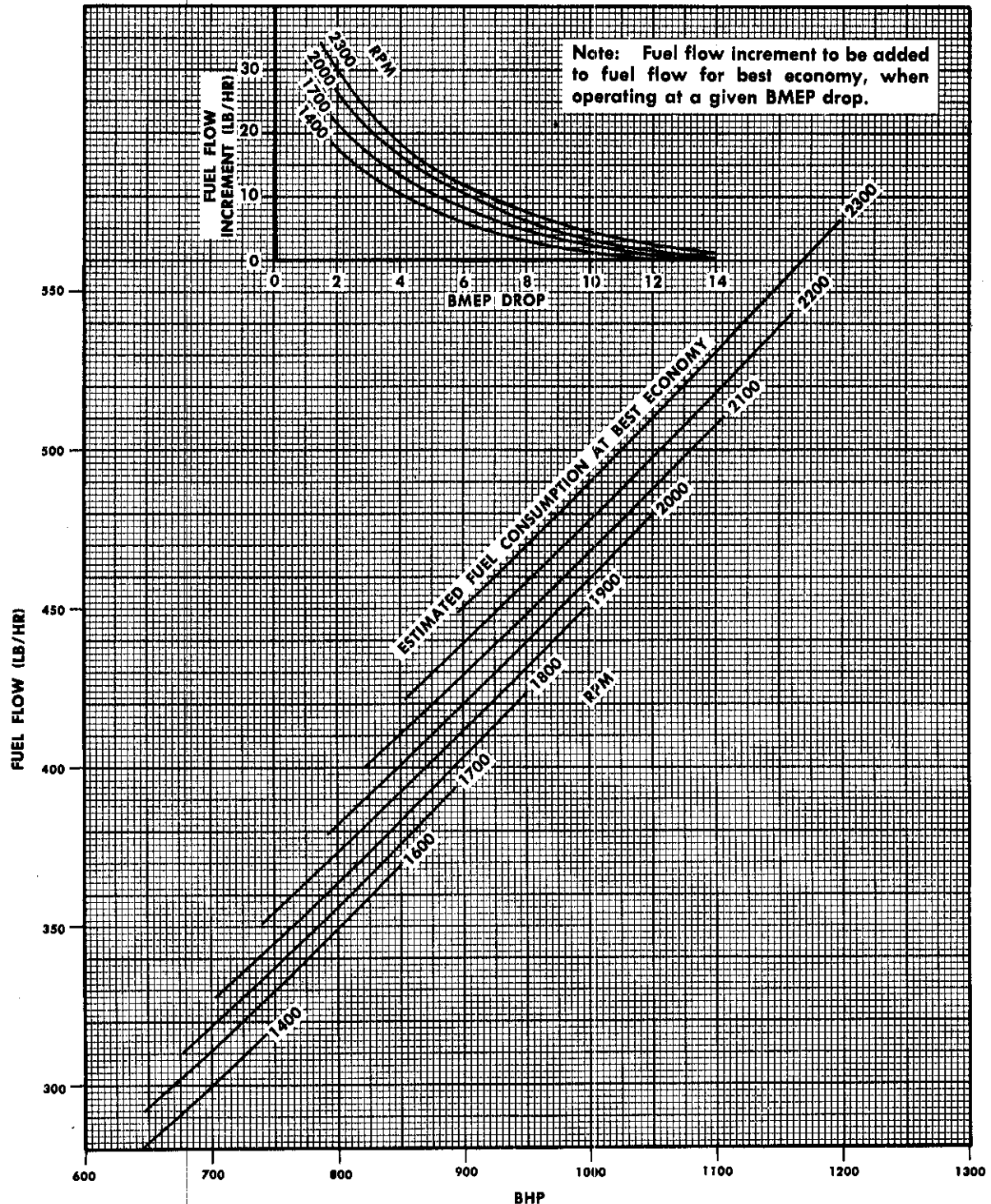


Figure A2-15. Estimated Fuel Consumption for Cruise Powers — High Blower

AA1-13