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ENGINE OPS/ECON

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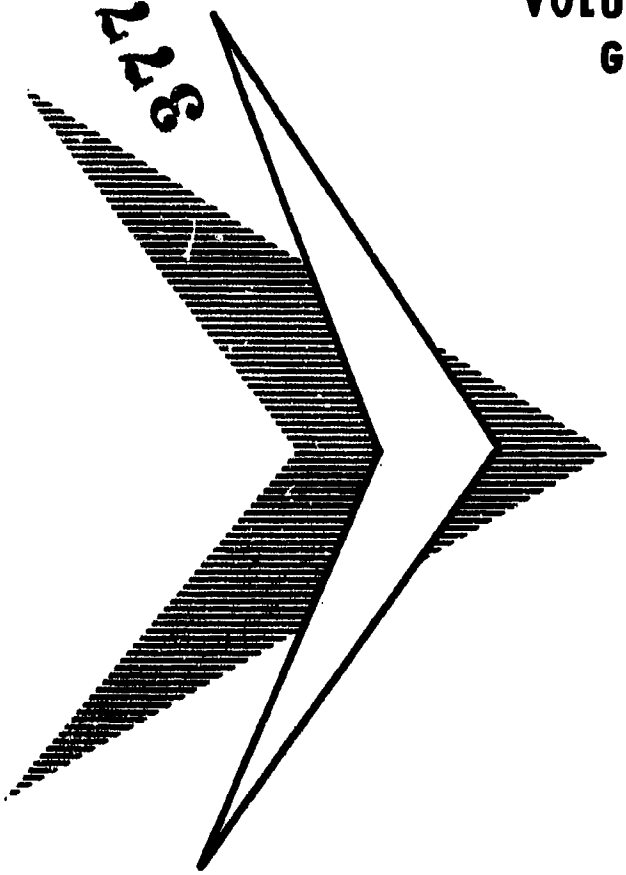
ENGINE PERFORMANCE REPORT

VOLUME E-IV (F)
GE4/F6A



Commercial Supersonic Transport Engine Proposal

P64-1
JANUARY 15, 1964

FLIGHT PROPULSION DIVISION
GENERAL ELECTRIC
CINCINNATI 15, OHIO

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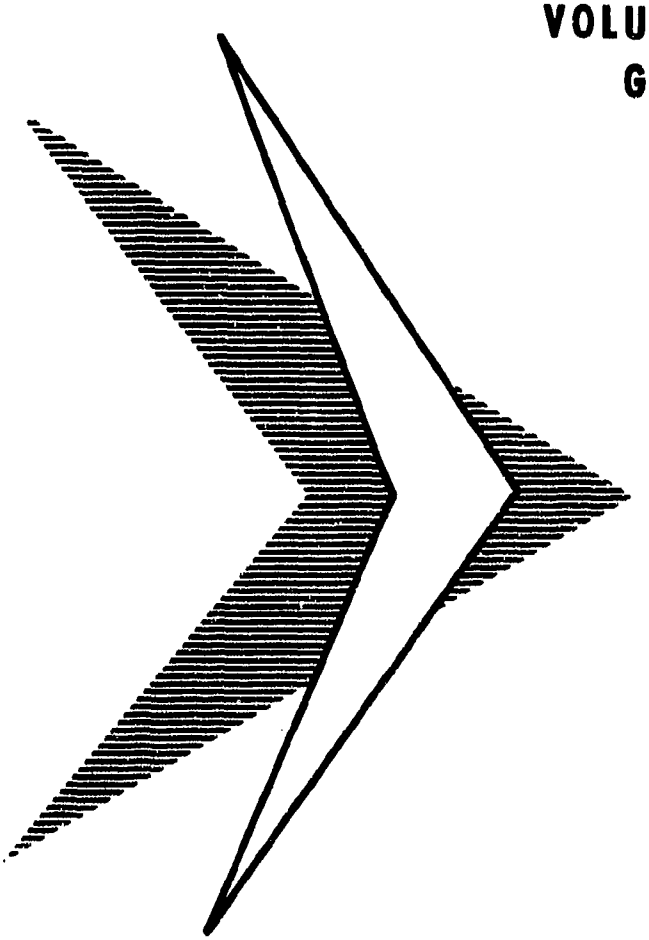
ENGINE PERFORMANCE REPORT

VOLUME E-IV (F)
GE4/F6A



Commercial Supersonic Transport Engine Proposal

P64-1
JANUARY 15, 1964

FLIGHT PROPULSION DIVISION
GENERAL ELECTRIC
CINCINNATI 15, OHIO

FOREWORD

The Flight Propulsion Division of the General Electric Company is submitting proposals on two (2) engines in response to the Federal Aviation Agency Request for Proposal for a Supersonic Transport Engine. These two engines are identified as GE4/J4C - Turbojet and GE4/F6A - Turbofan. Volume numbers contain the Suffix (J) for the Turbojet and (F) for the Turbofan when appropriate.

The volume numbers and titles are listed below for this proposal:

Volume I	J & F	SUMMARY
E-I	J & F	ENGINE WORK STATEMENT
E-II	J & F	COMMERCIAL ENGINE MODEL SPECIFICATION
E-III	J & F	PRELIMINARY INSTALLATION AND OPERATING MANUAL
E-IV	J & F	ENGINE PERFORMANCE REPORT
E-V	J & F	ENGINE DESIGN REPORT
E-VI	J & F	COMPONENT DESCRIPTIONS AND PERFORMANCE - PARTS I & II
E-VII	J & F	ENGINE INSTALLATION
E-VIII		MANUFACTURING TECHNIQUES AND MATERIALS
E-IX	J & F	ENGINE TEST PROGRAM PLAN
E-X		ENGINE SYSTEM MOCKUP PLAN
M-I		MANAGEMENT
M-II		MANAGEMENT CONTROLS
M-III		PRODUCT SUPPORT PLAN
M-IV	J & F	PRELIMINARY PRODUCTION PLAN
M-V	J & F	DEVELOPMENT AND PRODUCTION COSTS

ENGINE PERFORMANCE REPORT (F)

TABLE OF CONTENTS

TABLE OF CONTENTS (Cont.)

SUMMARY

This report (Volume E-IV) presents performance of the General Electric GE4/F6A Turbofan Engine using fuel conforming to GE Commercial Jet Fuel Specification A50T27A date November 11, 1963. The performance is identical to that given by the Estimated Performance Card Deck, R63FPD 378, November, 1963.

Performance is presented in tabulated form over most of the engine operating range. Accurate performance can be obtained directly for many flight conditions, and simple interpolation will yield engine performance for most flight conditions within the flight envelope. Installation effects can be accounted for by applying the given correction factors.

Flight performance (G and A) curves are also included to give a compact graphical presentation of engine performance.

1.1 ENGINE DESCRIPTION

The GE4/F6A turbofan is a lightweight, high performance, augmented engine which has been optimized for the Supersonic Transport mission. High cycle efficiency in the flight regime of Mach 2.5 to 3.0 has been emphasized in the design. Maximum flight speed capability is Mach 3.0 with a maximum altitude capability of 80,000 feet.

The engine performance presented herein is based on an airflow size of 550 lbs/sec at sea level static, standard conditions. This size gives a maximum augmented take-off thrust of 45,000 lbs. The overall cycle pressure ratio at take-off is approximately 11:1.

The major components of the GE4/F6A turbofan include a single rotor fan/compressor with variable stators, an annular main combustor, an air cooled turbine, a modulated mixed flow augmentor, and a convergent-divergent exhaust nozzle which incorporates a thrust reverser.

1.2 DATA DESCRIPTION

1.2.1 Performance Curves

Flight performance (G & A) curves are presented on pages 2-1 through 2-8 showing engine net thrust, specific fuel consumption, and airflow as functions of engine power setting and flight Mach number for the following altitudes:

Sea Level	45,000 Feet
15,000 Feet	55,000 Feet
25,000 Feet	65,000 Feet
36,089 Feet	75,000 Feet

The performance shown in these curves is based on U. S. Standard Atmosphere -1962, MIL-E-5008B ram recovery, no bleed or power extraction, and the proposed exhaust nozzle.

Additional flight performance curves at several important flight conditions are presented. These curves consist of net thrust vs. specific fuel consumption at altitudes of 25000, 36089 and 65000 feet for a nozzle thrust coefficient of 0.985.

The purpose of these curves is to provide a quick indication of a reference performance level of the engine at important flight conditions. More detailed and complete performance is available in the tabulations.

1.2.2 Tabulated Performance Data

The engine performance data presented in the tabulations is based on U. S. Standard Atmosphere - 1962, MIL-E-5008B ram recovery, zero bleed, and zero power extraction, and fuel conforming to G.E. Specification A50T27A. The tabulated data include all exhaust nozzle performance effects with the exception of afterbody drag which can be determined from the data provided on boattail geometry. The data presented herein is based on a schedule of exhaust nozzle area and boattail angle which yields maximum uninstalled thrust and is consistent with the data obtainable from the Estimated Performance Data Deck R63FPD378, November, 1963 with the boattail fork (BTFORK) set equal to zero, and with the rotor speed locked up above Mach 1.5 (MONLU=1.5). The data deck also incorporates provisions for operating the engine in the rotor unlocked mode and at different boattail angles.

1.2.3 Power Setting Definitions

Performance data are presented for eleven power settings defined as:

P. S. = 1	Maximum thrust, augmented
P. S. = 2	Partial augmentation
P. S. = 3	Partial augmentation
P. S. = 4	Minimum thrust, augmented
P. S. = 5	Maximum thrust, non augmented
P. S. = 7	95% engine RPM*
P. S. = 8	90% engine RPM*
P. S. = 9	85% engine RPM*
P. S. = 10	80% engine RPM*
P. S. = 11	75% engine RPM*
P. S. = 13.4	63% engine RPM (flight idle)*

*The defined speed schedule for power settings 5 through 13.4 is adhered to up to the flight mach number where lockup occurs (Mo = 1.5).

At and above the lockup Mach number, engine RPM remains constant at 100% to a T_2 of 955°R where rotor speed is linearly reduced to 95% RPM at a T_2 of 1083°R.

1.2.4 Performance Tabulations

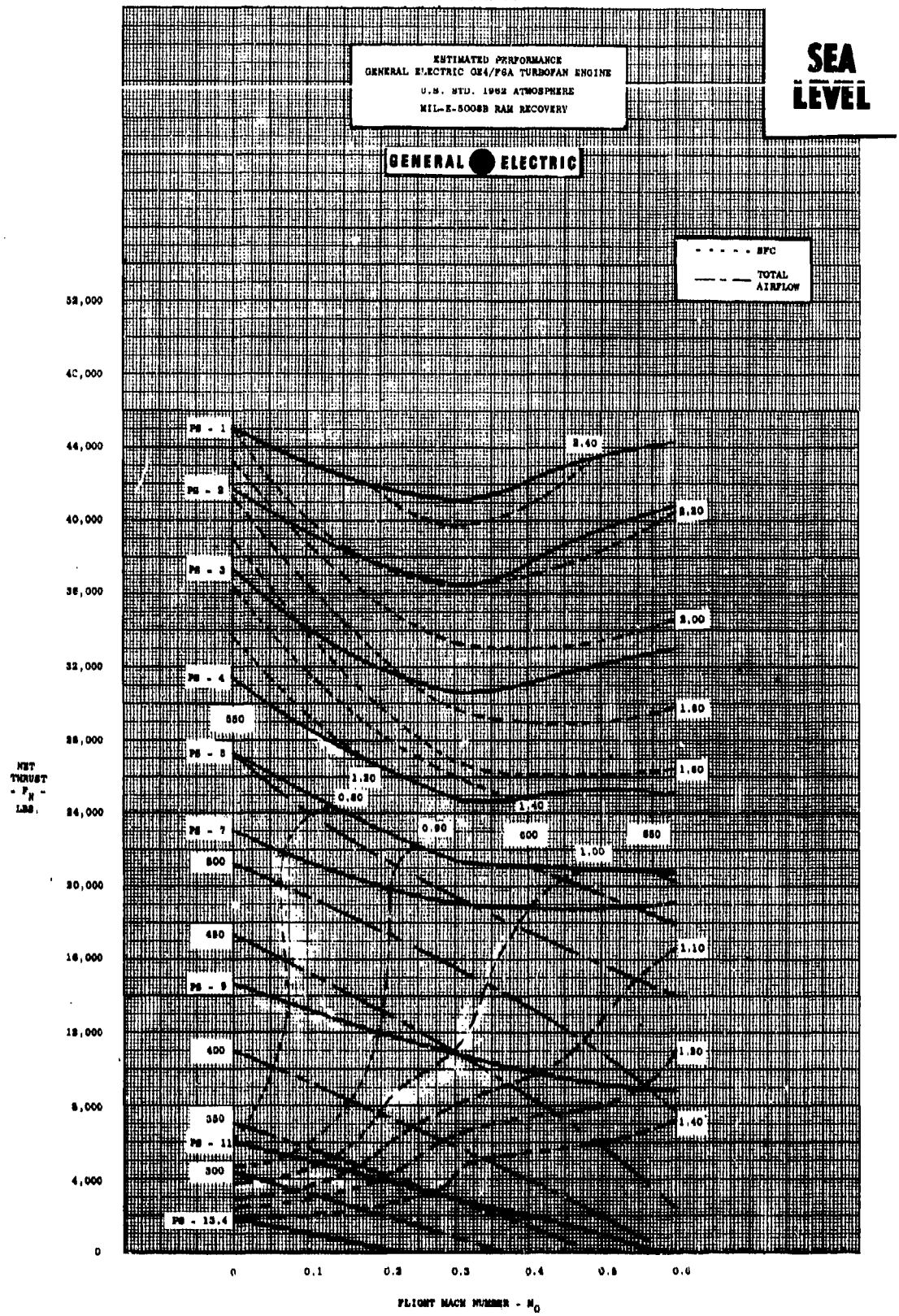
Performance tabulations are presented for nine altitudes and two ambient temperatures.

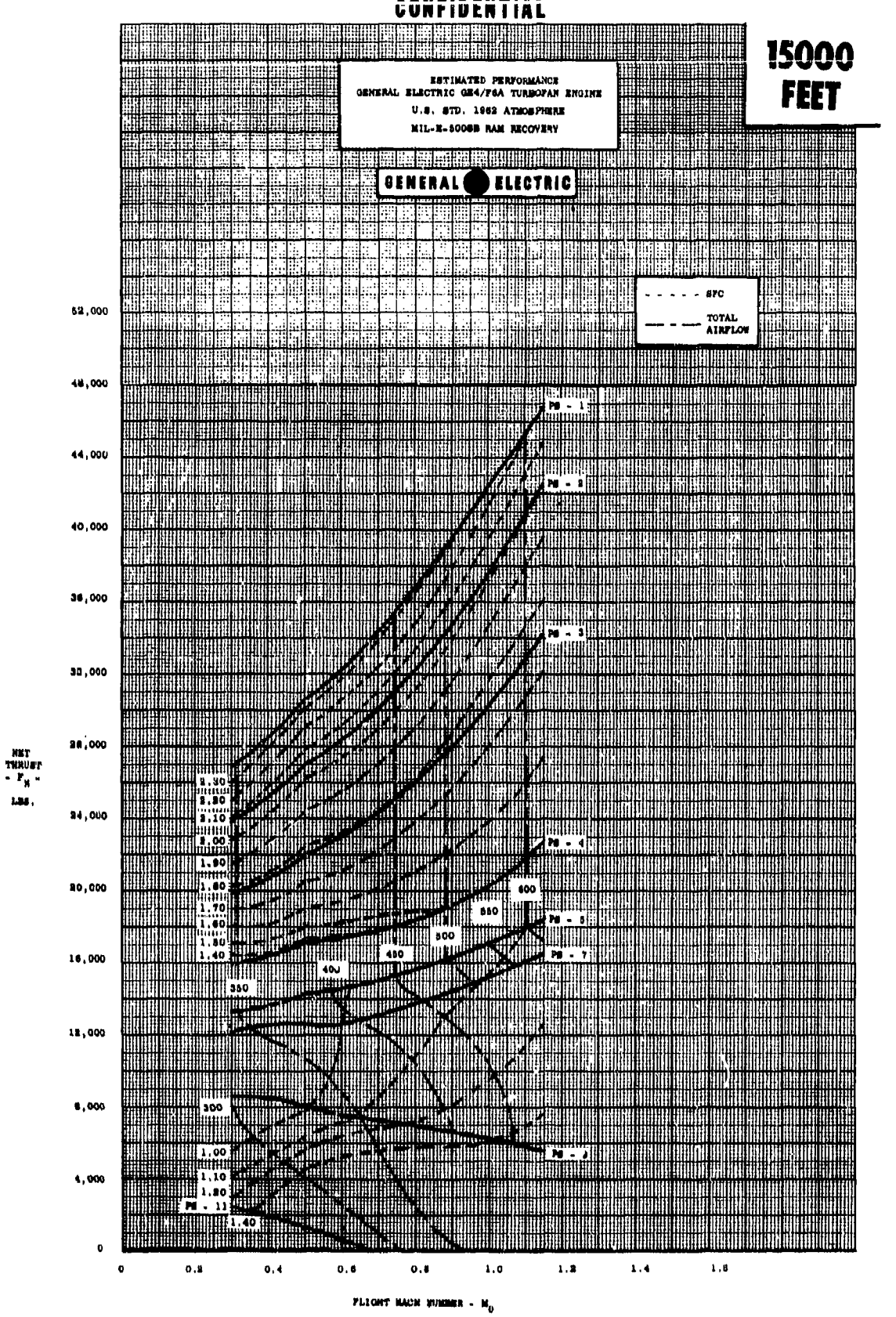
	U.S. Standard, 1962	U.S. Standard, 1962, plus 40°F
Altitude:	Sea Level	Sea Level
	5000 ft.	5000 ft.
	15000 ft.	15000 ft.
	25000 ft.	25000 ft.
	36089 ft.	36089 ft.
	45000 ft.	45000 ft.
	55000 ft.	55000 ft.
	65000 ft.	65000 ft.
	75000 ft.	

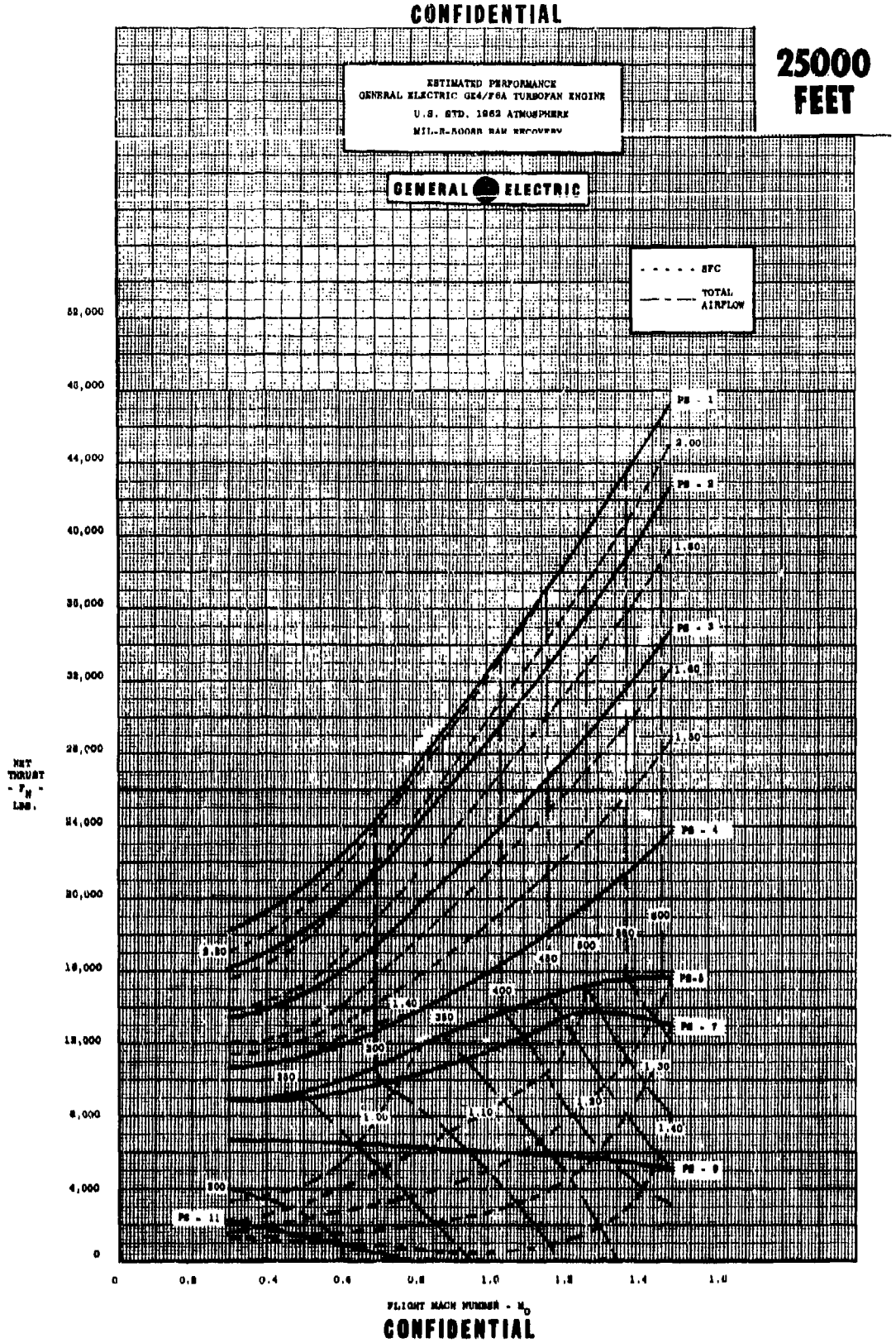
The tabulated engine data at each altitude are presented for both ambient temperatures as a function of:

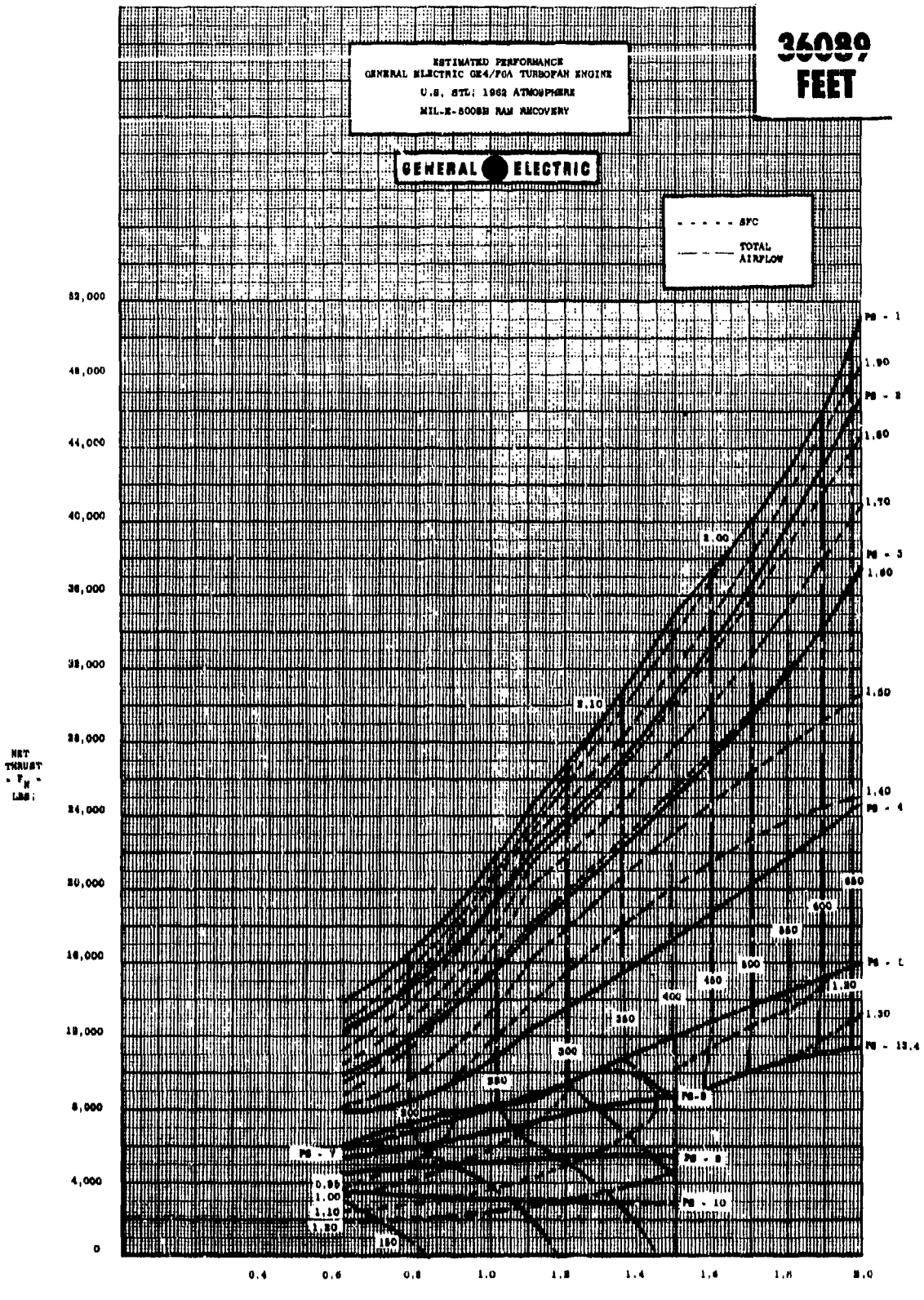
Power Setting (PS)
Flight Mach Number (M_O)

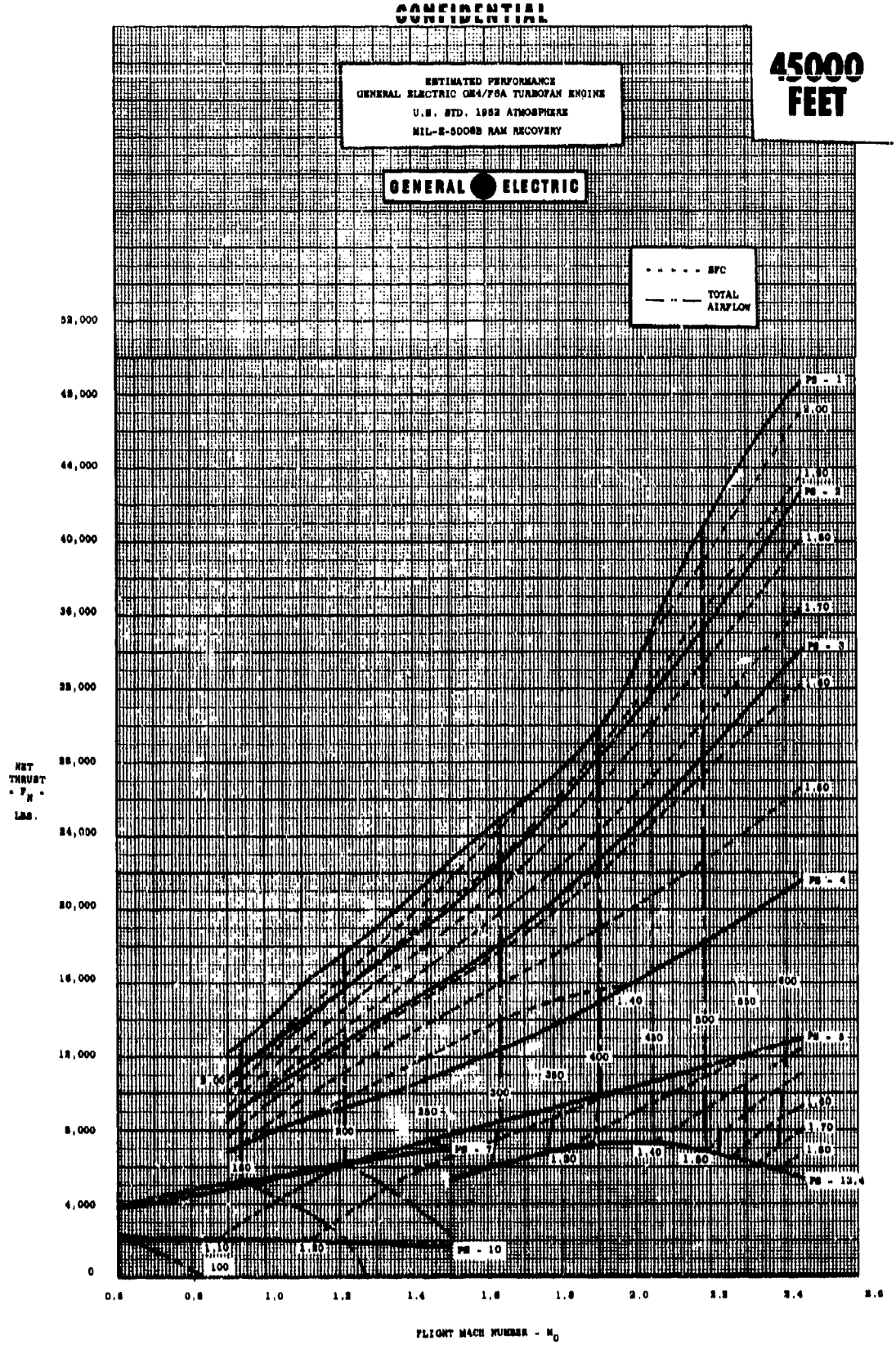
and include correction factors for determining performance at other conditions of ram recovery, bleed extraction, and power extraction.

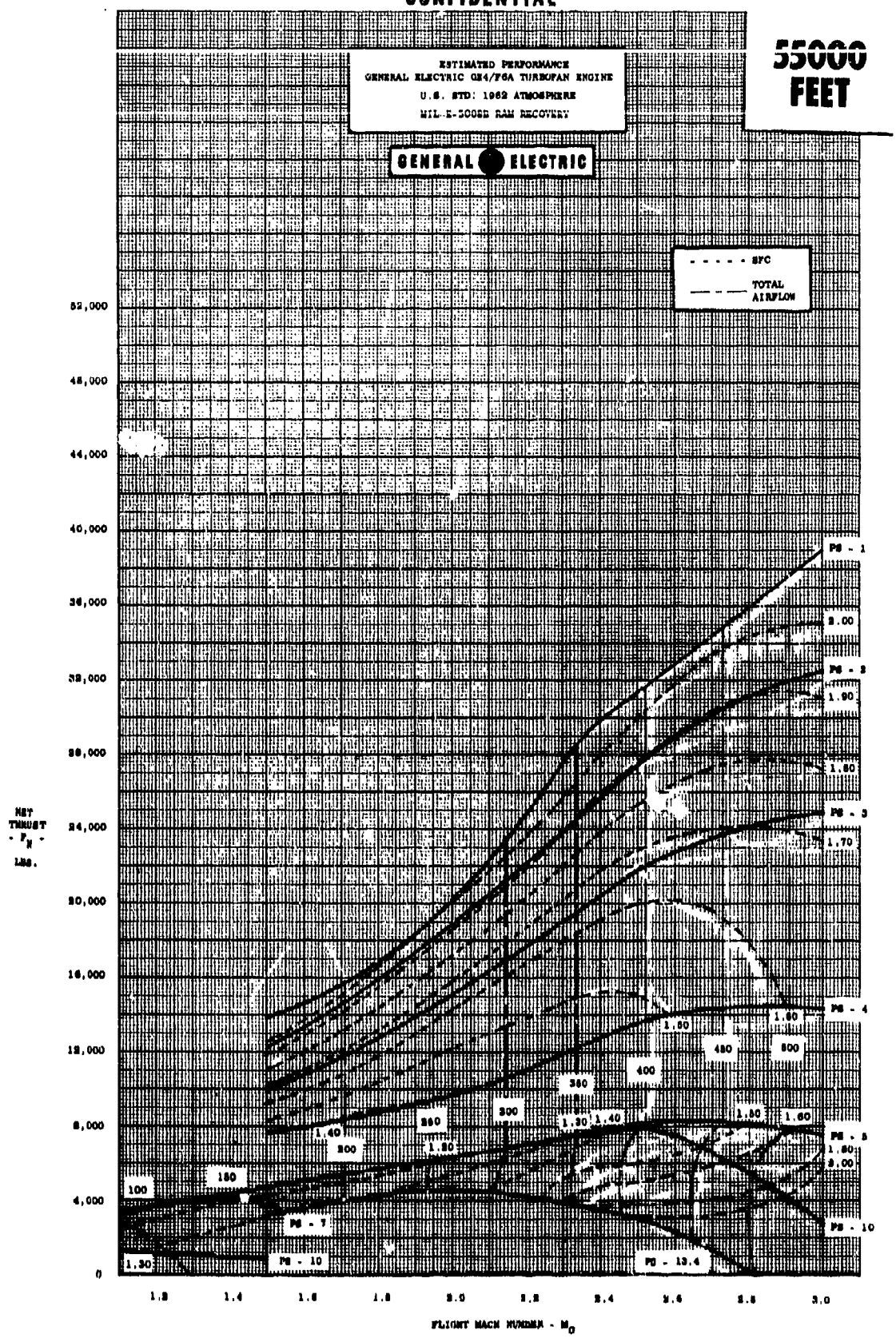

ESTIMATED PERFORMANCE
GENERAL ELECTRIC GE4/F6A TURBOFAN ENGINE
U.S. STD. 1962 ATMOSPHERE
MIL-E-5008B RAM RECOVERY
GENERAL ELECTRIC
SEA LEVEL
SFC
TOTAL AIRFLOW
NET THRUST - F_N - LBS.
52,000
48,000
44,000
40,000
36,000
32,000
28,000
24,000
20,000
16,000
12,000
8,000
4,000
0
PS - 1
PS - 2
PS - 3
PS - 4
PS - 5
PS - 7
PS - 9
PS - 11
PS - 13.4
550
500
450
400
350
300
2.40
2.20
2.00
1.80
1.60
1.40
1.20
1.10
1.00
0.90
0.80
600
650
0
0.1
0.2
0.3
0.4
0.5
0.6
FLIGHT MACH NUMBER - M_0

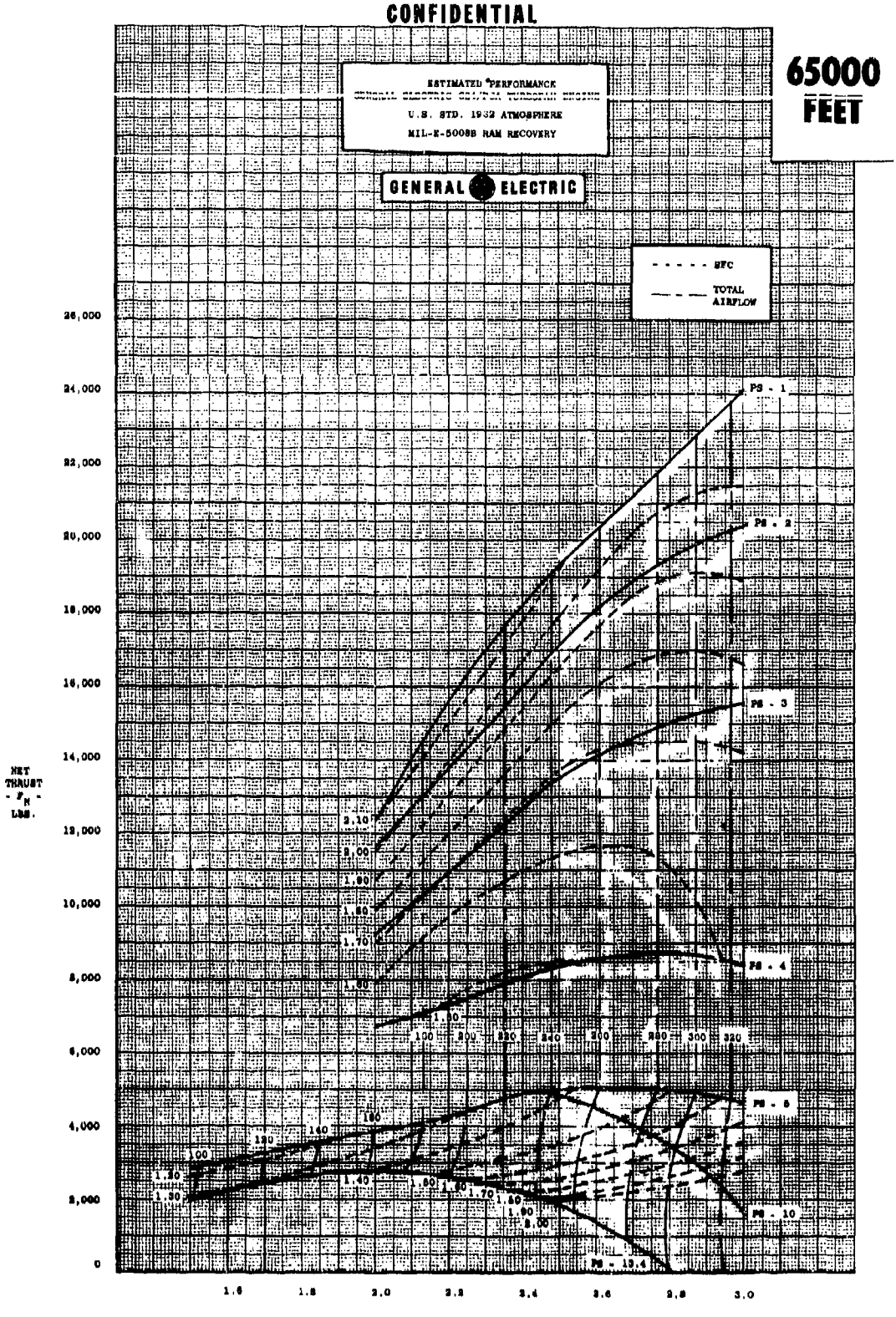

15000 FEET
ESTIMATED PERFORMANCE
GENERAL ELECTRIC GE4/F6A TURBOFAN ENGINE
U.S. STD. 1962 ATMOSPHERE
MIL-E-5008B RAM RECOVERY
GENERAL ELECTRIC
SFC
TOTAL AIRFLOW
PS - 1
PS - 2
PS - 3
PS - 4
PS - 5
PS - 7
PS - 9
PS - 11
NET THRUST - F_N - LBS.
52,000
48,000
44,000
40,000
36,000
32,000
28,000
24,000
20,000
16,000
12,000
8,000
4,000
0
2.30
2.20
2.10
2.00
1.90
1.80
1.70
1.60
1.50
1.40
1.00
1.10
1.20
1.40
600
550
500
450
400
350
300
0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
FLIGHT MACH NUMBER - M_0

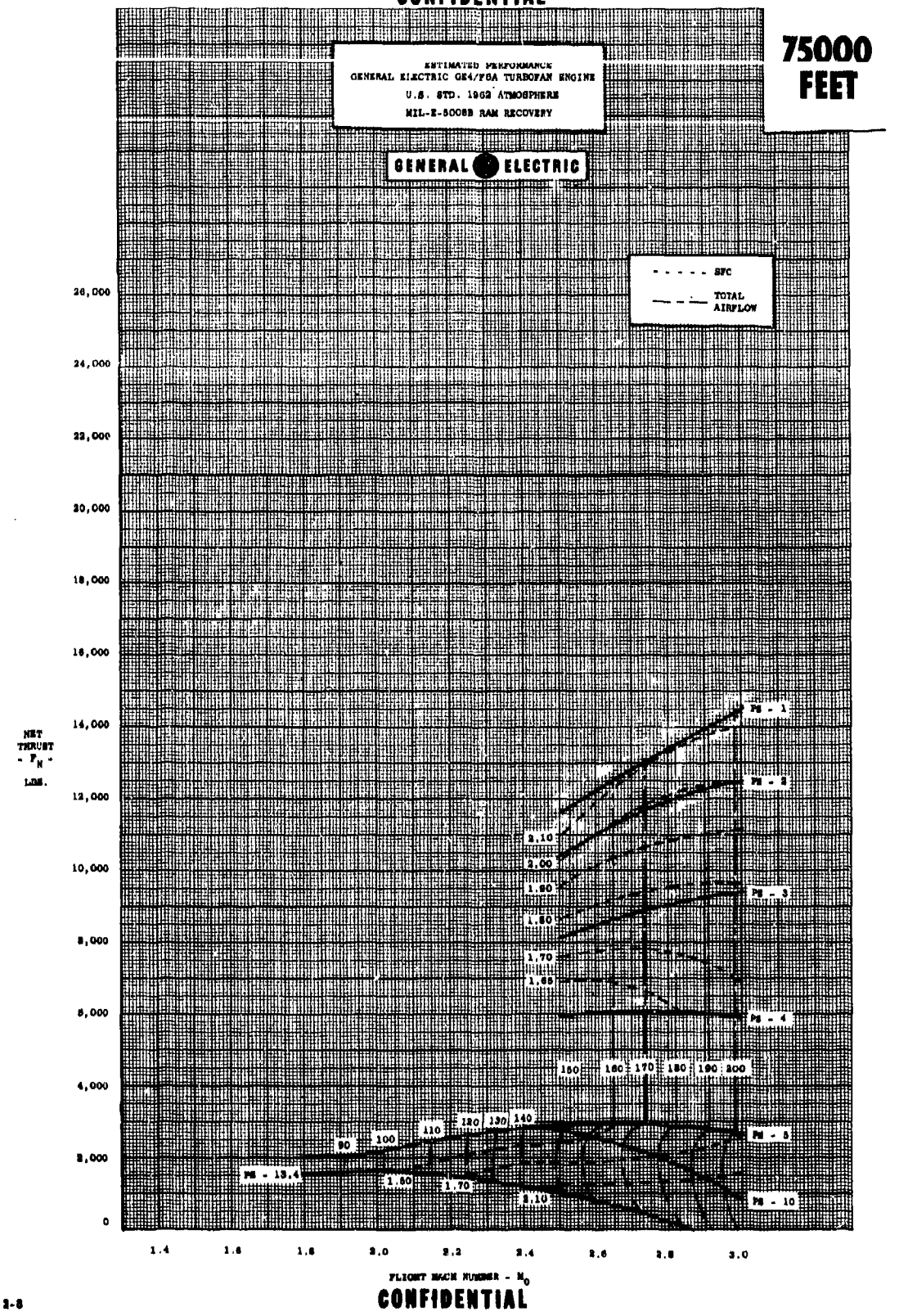

ESTIMATED PERFORMANCE
GENERAL ELECTRIC GE4/F6A TURBOFAN ENGINE
U.S. STD. 1962 ATMOSPHERE
MIL-E-5008B RAM RECOVERY
GENERAL ELECTRIC
25000 FEET
SFC
TOTAL AIRFLOW
PS - 1
2.00
PS - 2
1.80
PS - 3
1.60
1.50
PS - 4
PS-5
PS - 7
PS - 9
PS - 11
52,000
48,000
44,000
40,000
36,000
32,000
28,000
24,000
20,000
16,000
12,000
8,000
4,000
0
0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
NET THRUST - F_N - LBS.
FLIGHT MACH NUMBER - M_0


ESTIMATED PERFORMANCE
GENERAL ELECTRIC GE4/F6A TURBOFAN ENGINE
U.S. STD. 1962 ATMOSPHERE
MIL-E-8008B RAM RECOVERY
GENERAL ELECTRIC
SFC
TOTAL AIRFLOW
36089 FEET
52,000
48,000
44,000
40,000
36,000
32,000
28,000
24,000
20,000
16,000
12,000
8,000
4,000
0
NET THRUST - F_N - LBS.
PS - 1
1.90
PS - 2
1.80
1.70
PS - 3
1.60
1.50
1.40
PS - 4
PS - 5
1.30
PS - 13.4
PS - 6
PS - 7
PS - 8
PS - 9
PS - 10
0.99
1.00
1.10
1.20
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
FLIGHT MACH NUMBER - M_0


ESTIMATED PERFORMANCE
GENERAL ELECTRIC GE4/F6A TURBOFAN ENGINE
U.S. STD. 1962 ATMOSPHERE
MIL-E-5008B RAM RECOVERY
GENERAL ELECTRIC
45000 FEET
SFC
TOTAL AIRFLOW
NET THRUST - F_N - LBS.
52,000
48,000
44,000
40,000
36,000
32,000
28,000
24,000
20,000
16,000
12,000
8,000
4,000
0
PB - 1
PB - 2
PB - 3
PB - 4
PB - 5
PB - 7
PB - 10
PB - 13.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
FLIGHT MACH NUMBER - M_0

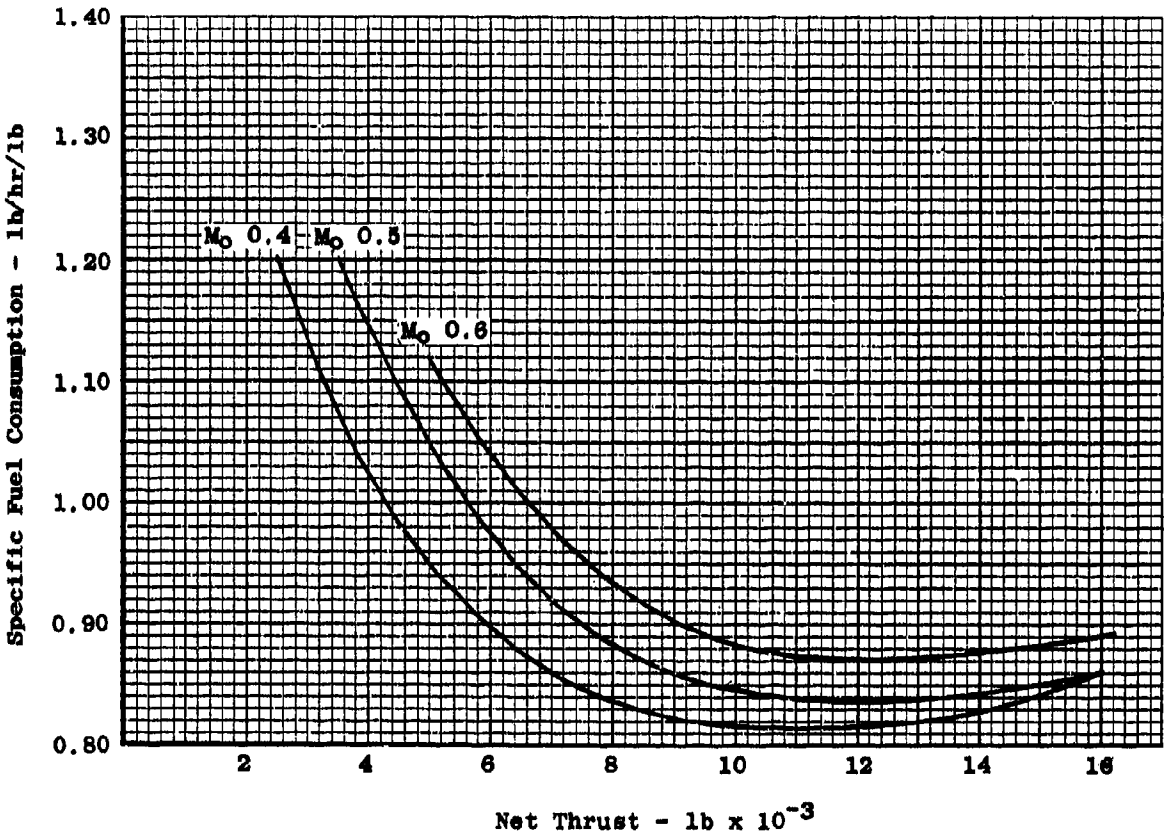

ESTIMATED PERFORMANCE
GENERAL ELECTRIC GE4/F6A TURBOFAN ENGINE
U.S. STD: 1962 ATMOSPHERE
MIL-E-5008B RAM RECOVERY
GENERAL ELECTRIC
55000 FEET
SFC
TOTAL AIRFLOW
NET THRUST - F_N - LBS.
52,000
48,000
44,000
40,000
36,000
32,000
28,000
24,000
20,000
16,000
12,000
8,000
4,000
0
PS - 1
PS - 2
PS - 3
PS - 4
PS - 5
PS - 7
PS - 10
PS - 13.4
1.00
1.90
1.80
1.70
1.60
1.50
1.40
1.30
1.60
2.00
100
150
200
250
300
350
400
450
500
1.8
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
FLIGHT MACH NUMBER - M_0

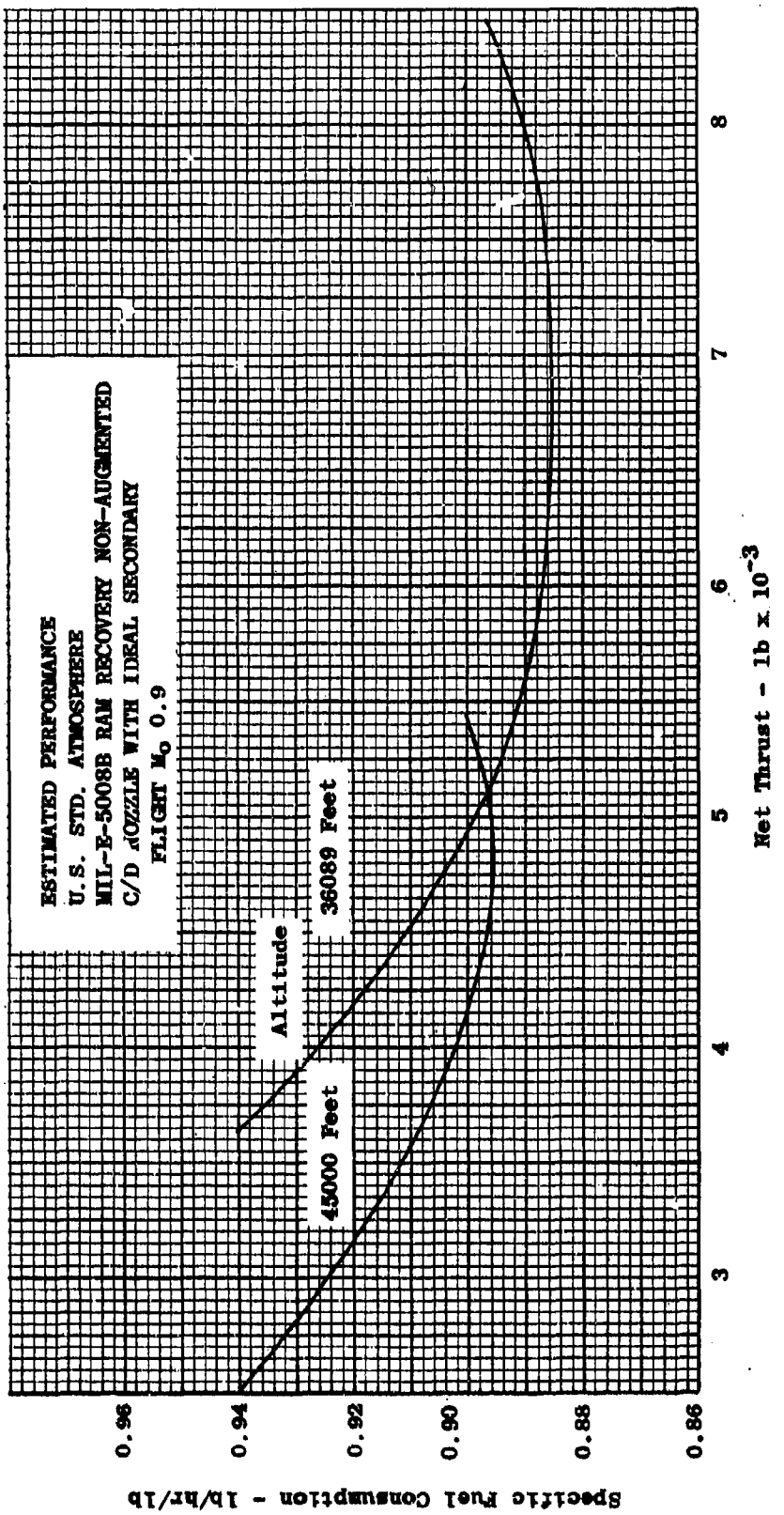

ESTIMATED PERFORMANCE
U.S. STD. 1962 ATMOSPHERE
MIL-E-5008B RAM RECOVERY
GENERAL ELECTRIC
65000 FEET
SFC
TOTAL AIRFLOW
PS - 1
PS - 2
PS - 3
PS - 4
PS - 5
PS - 10
PS - 13.4
NET THRUST - F_N - LBS.
FLIGHT MACH NUMBER - M_0

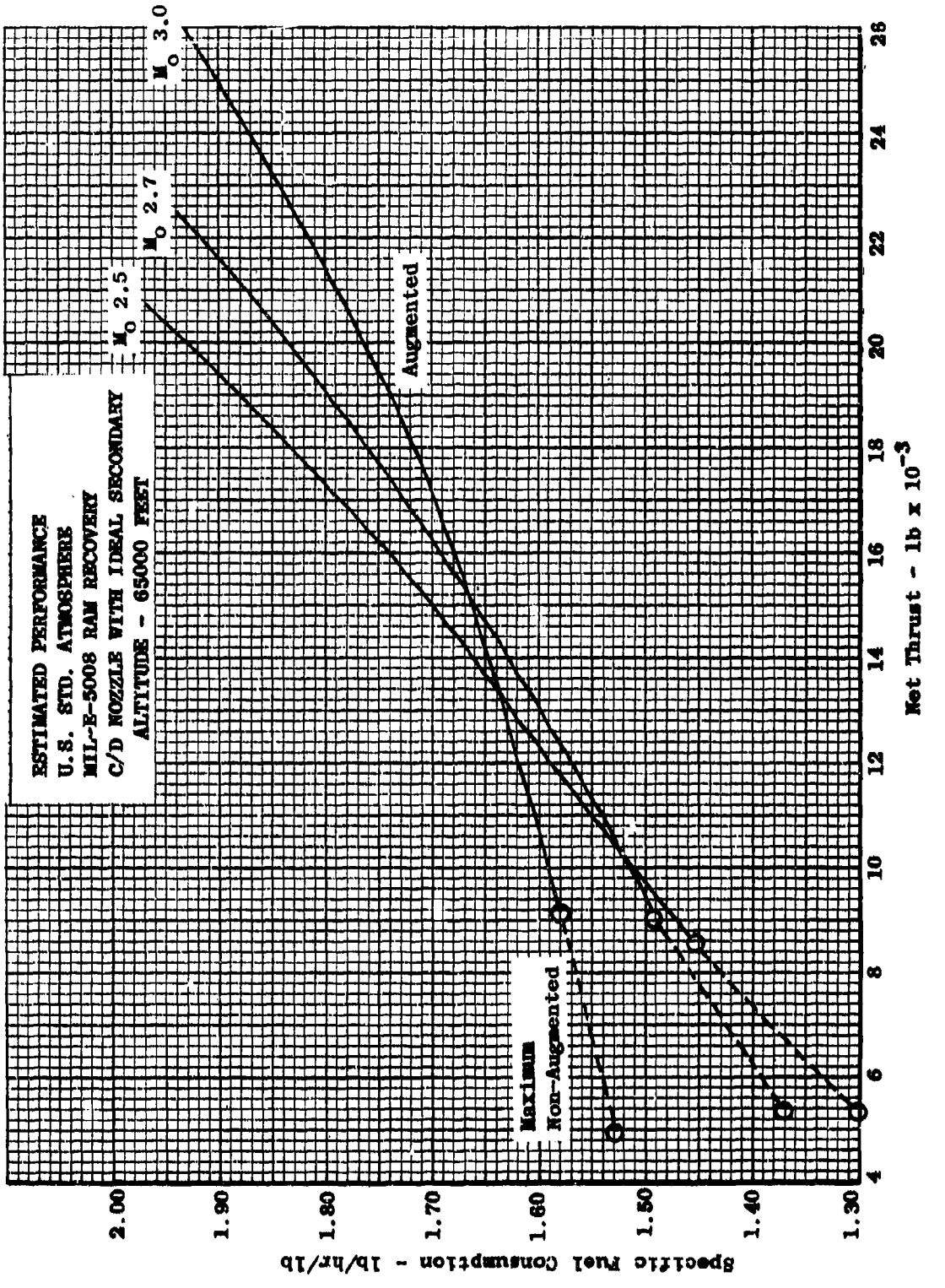

ESTIMATED PERFORMANCE
GENERAL ELECTRIC GE4/F6A TURBOFAN ENGINE
U.S. STD. 1962 ATMOSPHERE
MIL-E-5008B RAM RECOVERY
GENERAL ELECTRIC
75000 FEET
SFC
TOTAL AIRFLOW
NET THRUST - F_N - LBS.
26,000
24,000
22,000
20,000
18,000
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
Ps - 1
Ps - 2
Ps - 3
Ps - 4
Ps - 5
Ps - 10
Ps - 13.4
2.10
2.00
1.90
1.80
1.70
1.65
90
100
110
120
130
140
150
160
170
180
190
200
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
FLIGHT MACH NUMBER - M_0

2.2 PERFORMANCE CURVES

ESTIMATED PERFORMANCE U.S. STD. ATMOSPHERE
MIL-E-5008B RAM RECOVERY NON-AUGMENTED
C/D NOZZLE WITH IDEAL SECONDARY
ALTITUDE - 15000 FEET




ESTIMATED PERFORMANCE
U.S. STD. ATMOSPHERE
MIL-E-5008B RAM RECOVERY NON-AUGMENTED
C/D NOZZLE WITH IDEAL SECONDARY
FLIGHT M_o 0.9
Altitude
36089 Feet
45000 Feet
Specific Fuel Consumption - lb/hr/lb
0.96
0.94
0.92
0.90
0.88
0.86
Net Thrust - lb x 10^{-3}
3
4
5
6
7
8


ESTIMATED PERFORMANCE
U.S. STD. ATMOSPHERE
MIL-E-5008 RAM RECOVERY
C/D NOZZLE WITH IDEAL SECONDARY
ALTITUDE - 65000 FEET
M_o 2.5
M_o 2.7
M_o 3.0
Augmented
Maximum
Non-Augmented
Specific Fuel Consumption - lb/hr/lb
Net Thrust - lb x 10^{-3}
2.00
1.90
1.80
1.70
1.60
1.50
1.40
1.30
4
6
8
10
12
14
16
18
20
22
24
26

2.3 FLIGHT WINDMILLING OPERATION

2.3.1 Performance

Flight windmilling performance data are presented herein Pages 2-13 through 2-15. This data is for zero bleed and power extraction.

Windmilling performance characteristics of the engine can be varied within limits by modulation of the jet nozzle area. The jet nozzle can be positioned by the throttle.

Windmilling during supersonic flight is restricted to five minutes after the fuel supply has been shut off.

Maximum available power extraction during windmilling at subsonic flight speeds:

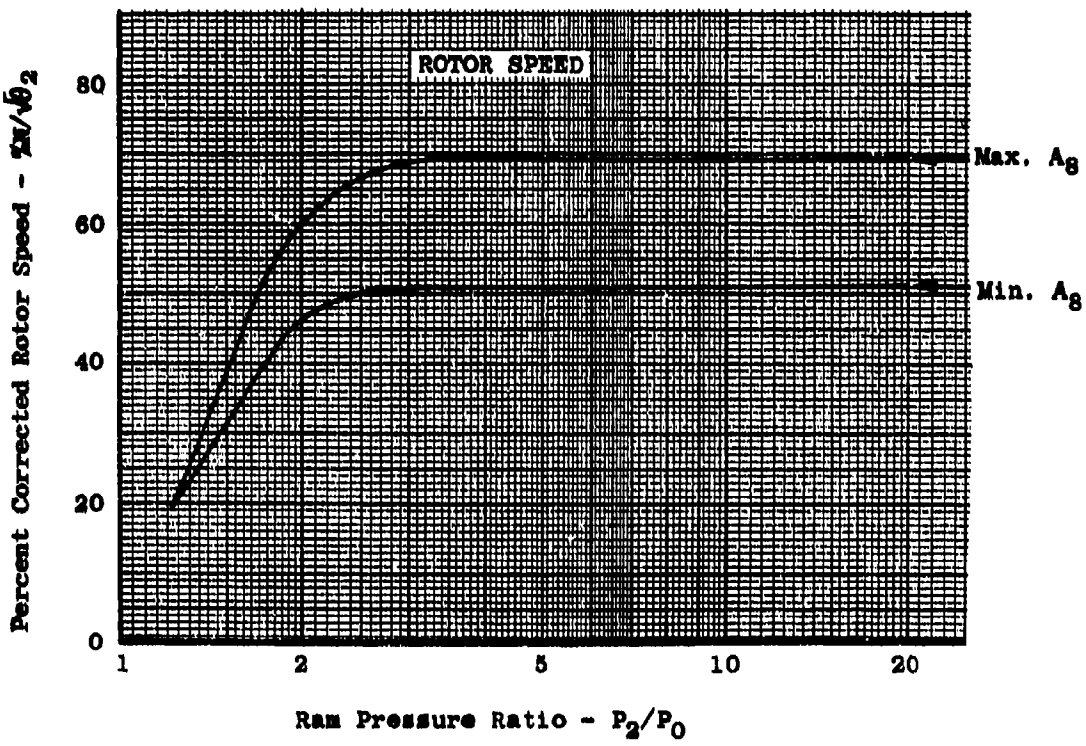
P_2/P_0	HP/δ_2	$\%\ N/\sqrt{\theta_2}$
1.20	35	10 - 15
1.30	100	10 - 15
1.45	200	10 - 15

2.3.2 STATOR CLOSURE MECHANISM

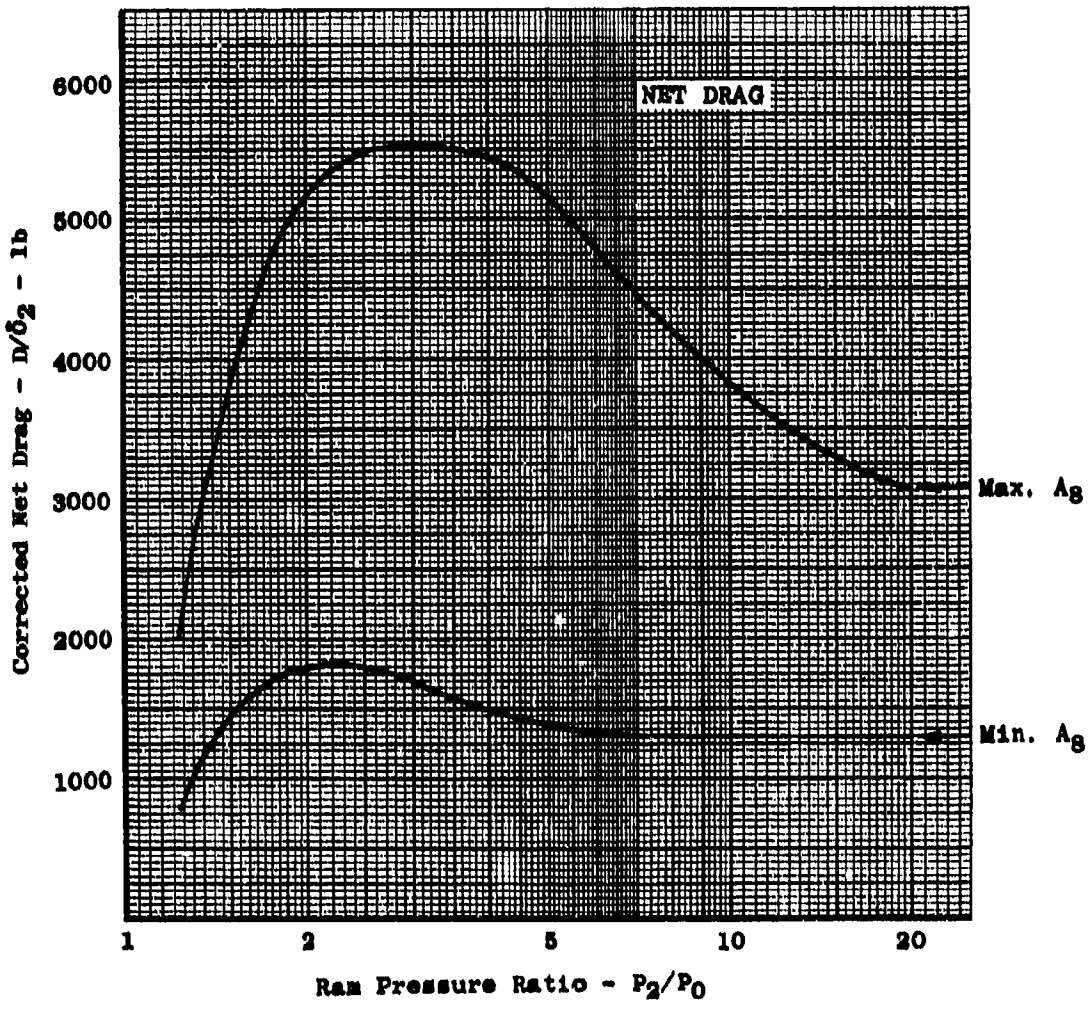
The engine can be provided with means for retarding windmilling RPM (windmill brake) sufficiently to allow extended windmilling operation of the engine.

With the windmill brake actuated maximum corrected airflow shall be less than five percent of the sea level static design corrected airflow (550 lb/sec).

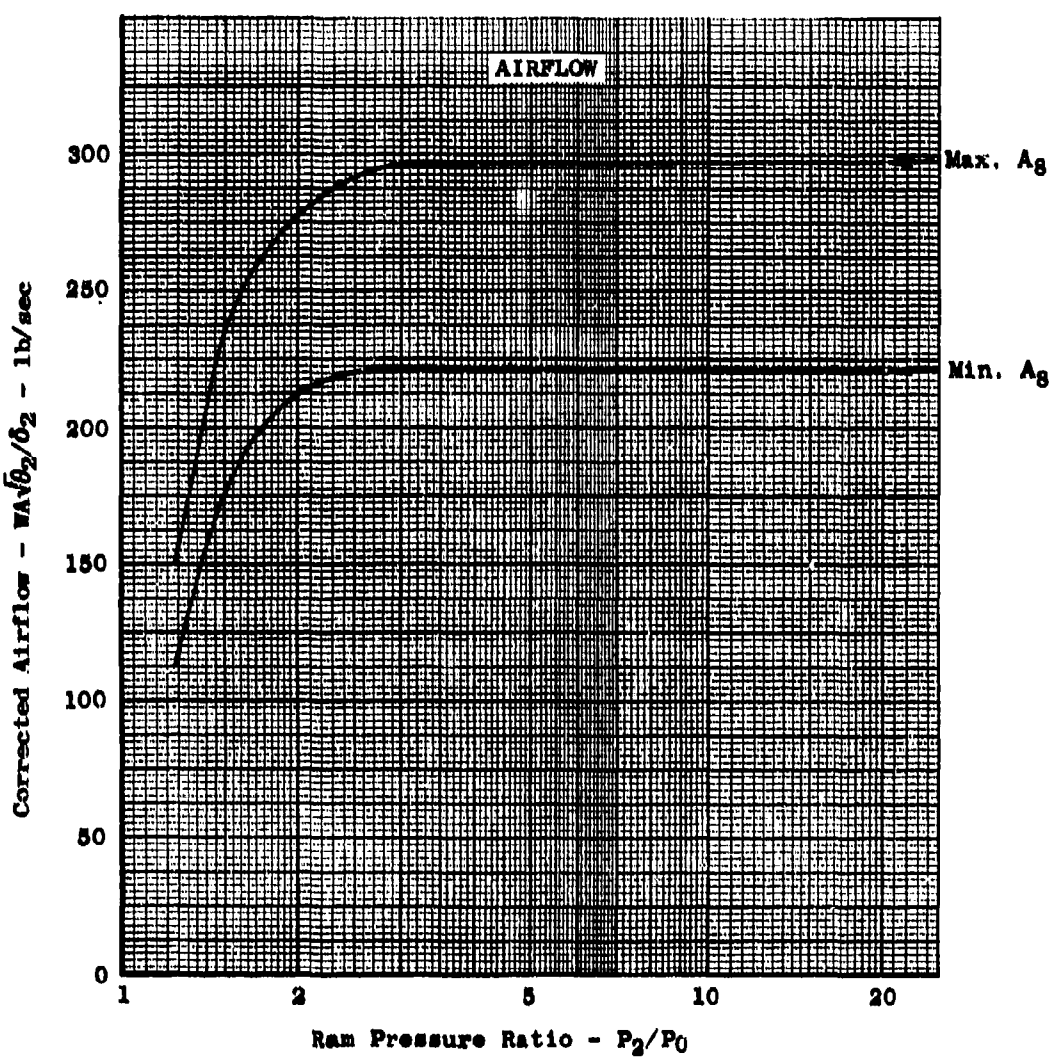
PRELIMINARY WINDMILLING PERFORMANCE



PRELIMINARY WINDMILLING PERFORMANCE



PRELIMINARY WINDMILLING PERFORMANCE



3. NOMENCLATURE

3.1 DEFINITION OF TERMS

Engine Station Locations

0	Free stream or ambient
2	Compressor inlet
8	Primary exhaust nozzle throat
9	Exhaust nozzle exit

Cycle Parameters		Units
A_8	Primary exhaust nozzle throat area	Sq. In.
A_9	Secondary exhaust nozzle exit area	Sq. In.
BTANG	Secondary exhaust nozzle boattail angle	Degrees
CFG	Exhaust nozzle thrust coefficient	
ERI	Error return indicator	
F_G	Gross thrust (with exhaust nozzle)	Lbs.
FGB	Base gross thrust (CFG = .985)	
FD	Ram drag of compressor inlet airflow (W_2)	Lbs.
F_N	Net thrust (with exhaust nozzle)	Lbs.
FNB	Base net thrust (CFB = .985)	Lbs.
M_O	Flight Mach number	
N_R	Ram recovery	
P_O	Ambient pressure	Psia
P_2	Compressor inlet total pressure	Psia
P_E	Bleed port static pressure	Psia
PTB	Customer bleed port pressure	Psia
P_2/P_O	Ram total pressure ratio	
P_8/P_O	Primary exhaust nozzle pressure ratio	
P.S.	Power setting	
SFC	Specific fuel consumption (with exhaust nozzle)	Lbs/Hr/Lb.
SFCB	Base specific fuel consumption (CFG = .985)	Lbs/Hr/Lb.
T_O	Ambient temperature	°R
T_2	Compressor inlet total temperature	°R
T_8	Exhaust nozzle total temperature	°R
TC	Control temperature	°R
T_E	Bleed air total temperature	°R
TS	Secondary nozzle total temperature	°R

Cycle Parameters		Units
W_2	Compressor inlet airflow	Lbs/Sec.
W2K	Corrected compressor inlet airflow	Lbs/Sec.
W_8	Exhaust nozzle gas flow	Lbs/Sec.
WFT	Total engine fuel flow	Lbs/Hr.
W_S	Secondary nozzle airflow	Lbs/Sec.
$W_S/W_2(\sqrt{T_8}/T_S)$	Corrected secondary nozzle airflow	Lbs/Sec.

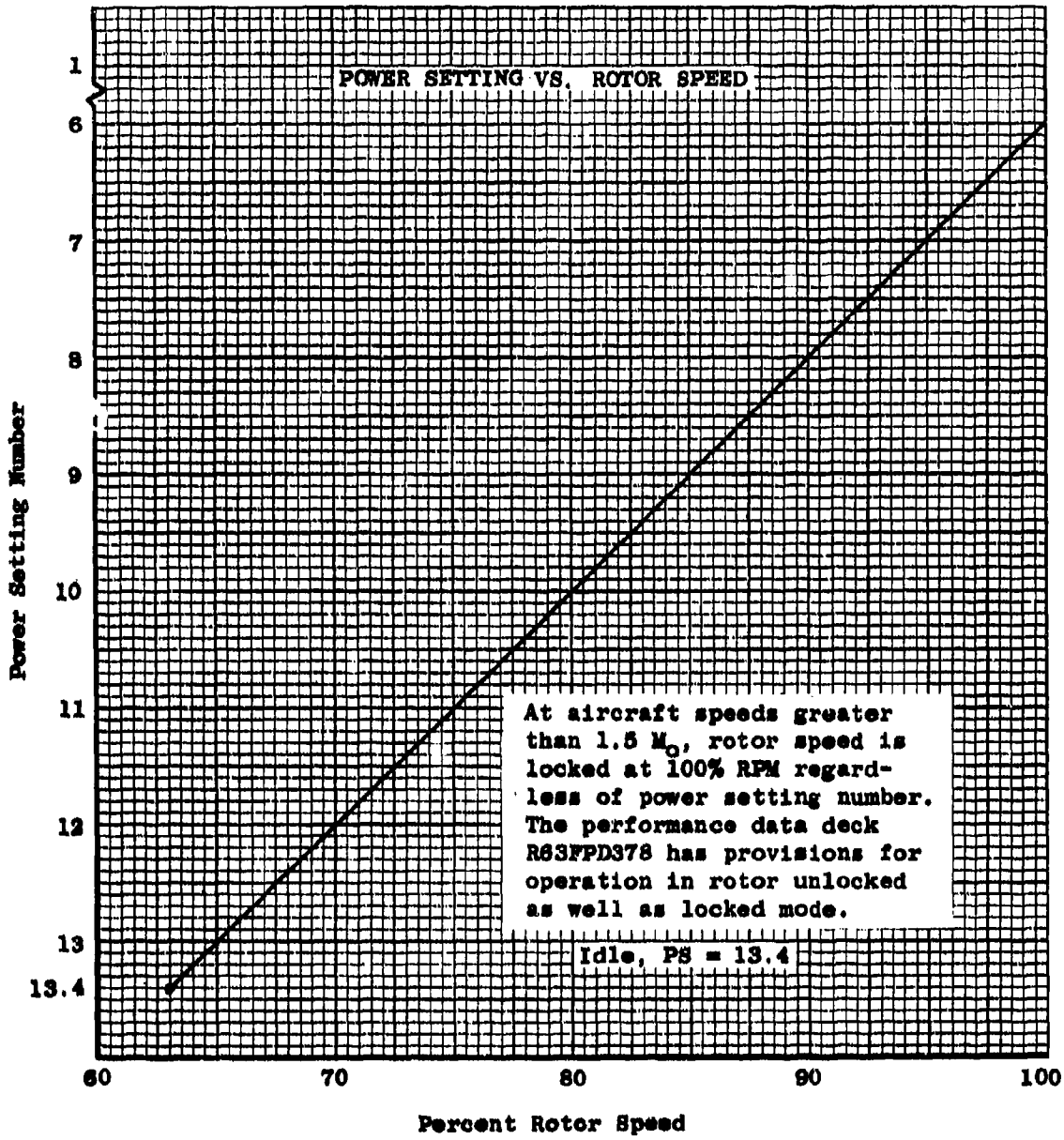
3.2 PERFORMANCE RATINGS

The performance ratings shall be as specified below:

Power Setting Number	Rating
1	Take Off and Maximum Climb
2.5	Maximum Continuous
(To be defined)	

Power setting definitions are given on page 1-2.

3.3 POWER SETTING



4. CALCULATION PROCEDURE

Calculation instructions are presented in a series of sample calculations which have been prepared to demonstrate the suggested methods for determining engine flight performance between the tabulated flight conditions and for conditions of ram recovery, bleed-air and power extraction other than that contained in the tabulation.

4.1 Sample Calculation

The sample calculations are divided into two parts, which represent different situations:

I. Desired: Engine Performance
Known: Engine Power Setting and Airplane Operating Condition
- A. General
- B. Interpolating Mach Number
- C. Interpolating Altitude
- D. Interpolating Ambient Temperature
- E. Interpolating Engine Power Setting
- F. Interpolating for Combinations of Mach Number, Altitude and Power Setting
- G. Correction for Ram Recovery
- H. Correction for Bleed-air
- I. Correction for Power Extraction
- J. Correction for Combination of Ram Recovery, Bleed-air and Power Extraction

II. Desired: Engine Power Setting
Known: Thrust Required and Engine Operating Condition

A. <u>General</u>

Engine performance may be read directly for many tabulated flight conditions. Linear interpolation may be used to obtain engine performance between tabulated flight conditions; however, cross plotting will yield a more precise interpolation.

B. Interpolating Mach Number

If an intermediate Mach number is desired, use linear interpolation.

Example: Given:

Power Setting	(P.S. = 5.0)
Altitude	25000 feet
Type of day	Standard
Mach Number	1.4
Ram Recovery	MIL-E-5008B (.978)

From the Tabulated Performance:

MO	FN	SFC	TE	PE	W2
1.2	14800	1.06	1146	127.1	464
1.5	15600	1.24	1233	166.3	616

Using Linear Interpolation, the performance is:

MO	FN	SFC	TE	PE	W2
1.4	15300	1.18	1204	153.2	566

NOTE: Linear interpolation for performance of power settings 7.0 through 12.4 below Mach number 1.5 should not use the performance tabulated at Mach number equal to 1.5. At this flight speed and above, the engine speed is constant therefore, introducing a discontinuity in performance across that Mach number.

C. Interpolating Altitude

If an intermediate altitude is desired, use linear interpolation as a function of ambient pressure, PO.

Example: Given:

Power Setting	(P.S. = 5.0)
Altitude	30000 feet
Type of Day	Standard
Mach Number	1.2
Ram Recovery	MIL-E-5008B (.991)

From the Tabulated Performance:

ALT	FN	SFC	TE	PE	W2
25000	14800	1.06	1146	127.1	464
36089	9380	1.14	1083	83.6	362

From the table of atmospheric conditions for the altitudes involved.

Altitude	Po
25000	5.45
30000	4.37
36089	3.28

Interpolating linearly as a function of Po, the performance is:

ALT	FN	SFC	TE	PE	W2
30000	12100	1.11	1114	105.4	383

D. Interpolating Ambient Temperature

Example: Given:		
	Power Setting	(P.S. = 5.0)
	Altitude	15000 feet
	To	475°R
	Mach Number	0.9
	Ram Recovery	MIL-E-5008B (1.00)

From the tabulated performance:

To	FN	SFC	TE	PE	W2
505	13500	1.14	1188	127.8	470
465	16400	1.00	1129	139.1	507

Using linear interpolation, the performance is:

To	FN	SFC	TE	PE	W2
475	15700	1.04	1144	136.3	498

Note: Linear interpolation can only be utilized providing that neither of the tabulated points is at the compressor corrected speed limit

$$(\%\ \text{RPM} \times \sqrt{\frac{519}{T_2}} \approx 103)$$

E. Interpolating Engine Power Setting

If an intermediate engine power setting is desired, crossplot to determine the required performance.

Example: Given:		
	Power Setting	90% RPM (P.S. = 8.0)
	Altitude	25000 feet
	Type of Day	Standard
	Mach Number	0.9
	Ram Recovery	MIL-E-5008B (1.00)

From the tabulated performance:

P.S.	%RPM	FN	SFC	TE	PE	W2
7.0	95	10800	1.01	1044	90.8	341
9.0	85	6110	1.14	958	68.6	295
11.0	75	-560	-3.47	827	38.8	236

Plotting all parameters versus %RPM, the performance is:

P.S.	%RPM	FN	SFC	TE	PE	W2
8.0	90	8840	1.06	1005	80.3	318

Performance may be obtained by linear interpolation versus %RPM if less accurate data are adequate.

F. Interpolating for Combination of Mach Number, Altitude, Engine Power Setting and Ambient Temperature.

If the desired engine operating conditions are such that all of the above interpolations are required, it is possible to accomplish these interpolations in any order. This procedure is easiest and quickest if the large number of the required interpolations be done linearly. Therefore, it is recommended that the interpolations be accomplished in the following order:

1) Intermediate Mach Number - Linear
2) Intermediate Altitude - Linear Function of Po
3) Intermediate Ambient Temperature - Linear Function of To
4) Intermediate Power Setting - Crossplot

G. Correction for Ram Recovery

If ram recovery is other than MIL-E-5008B, read P2 and T2 for the tabulated condition:

$$P2 = (\text{Tabulated P2}) \times \frac{\text{Ram Recovery}}{\text{Ram Recovery MIL-E-5008B}}$$

Verify that this point falls within the engine operating limits as described by the P2-T2 envelope. To determine the percentage change in each parameter, multiply its correction factor (Line "RAM" of the tabulation) by the difference in ram recovery (desired ram recovery minus MIL 5008B ram recovery).

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Example: Given: Power Setting (P.S. = 5.0)
Altitude 25000 feet
Type of Day Standard
Mach Number 1.5
Ram Recovery 0.951

From the tabulated performance:

NR	P2	T2	FN	SFC	TE	PE	W2
.971	19.44	623	15600	1.24	1233	166.3	616
		RAM	2.08	-1.17	.00	1.03	1.03

P2 = (19.44) (.951/.971) = 19.05 PSIA

The point falls within the P2-T2 engine operating limit envelope.

The difference in ram recovery is:

$$\Delta NR = NR - NR_{MIL\text{-}E\text{-}5008B} = 0.951 - 0.971 = -0.02$$

The percentage change in net thrust is:

(2.08) (-0.02) = -0.0416 or -4.16%

The percentage change in each parameter is:

	FN	SFC	TE	PE	W2
% Change	-4.16	2.34	0	-2.06	-2.06

Net thrust corrected for ram recovery is:

FN = 15600 (0.9584) = 15000 lbs.

All parameters corrected for ram recovery:

FN	SFC	TE	PE	W2
15000	1.27	1233	163.4	604

If a number of interpolations are to be made to obtain engine performance and ram recovery is to be different than MIL-E-5008B, the ram recovery correction should be applied before interpolating. If this is not done, the ram recovery correction factors for the required flight conditions will also have to be determined by interpolation.

H. Correction for Bleed

The maximum bleed rate of 3% engine airflow must not be exceeded.
To determine the percentage change in each parameter, multiply its correction factor (line "BLEED" of this tabulation) by WB/W2.
Example:

Given:	Power Setting	(P.S. = 5.0)
	Altitude	25,000 feet
	Type of Day	Standard
	Mach Number	MIL-E-5008B (.991)
	WB/W2	0.02

From the tabulated performance:

NR	P2	T2	FN	SFC	TE	PE	W2
.991	13.12	554	14800	1.06	1146	127.1	464
		BLEED	-4.58	3.64	-0.53	-1.86	0.07

The percentage change in net thrust is:

$(-4.58)(0.02) = -0.916$ or -9.16%

The percentage change in each parameter is:

	FN	SFC	TE	PE	W2
% Change	-9.16	7.28	-1.06	-3.72	0.14

Net thrust corrected for bleed is:

$FN = 14800\ (.9084) = 13400$ lbs.

All parameters corrected for bleed are:

FN	SFC	TE	PE	W2
13400	1.14	1134	122.7	465

Calculate $WB = (WB/W2)(W2) = (0.02)(465) = 9.3$ lbs/sec.

Calculate $WB\sqrt{TE/PE}$ using parameters corrected for bleed.

$WB\sqrt{TE/PE} = 9.3\sqrt{1134/122.7} = 2.56$

From the bleed port pressure ratio curve, read PTB/PE = 0.93 for 4 bleed ports or 0.70 for 2 bleed ports.

$PTB_{2\ ports} = (PTB/PE)(PE) = 0.70\ (122.7) = 86.7$ lbs/sec.

$PTB_{4\ ports}$ = (PTB/PE) (PE) = 0.93 (122.7) = 113.9 lbs/sec.

If a number of interpolations are to be made to obtain engine performance and ram recovery is to be different than MIL-E-5008B, the ram recovery should be applied before interpolating. If this is not done, the ram recovery correction factors for the required flight conditions will also have to be determined by interpolation.

I. Correction for Power Extraction

The maximum horsepower extraction available is defined as 6.50 X % engine speed.

To determine the percentage change in each parameter, multiply its correction (line "POWER" of the tabulation) by HP x 10^{-5}. Example:

Given:	Power Setting	(P.S. = 5.0)
	Altitude	25,000 feet
	Type of Day	Standard
	Mach Number	1.2
	Ram Recovery	MIL-E-5008B (.991)
	HP	400
	WB/W2	0

From the tabulated performance:

NR	P2	T2	FN	SFC	TE	PE	W2
.991	13.12	554	14800	1.06	1146	127.1	464
		POWER	-1.56	2.20	0.03	0.14	-0.01

The percentage change in net thrust is:

(-1.56) (400 x 10^{-5}) = -.00624 or -0.624%

The percentage change in each parameter is:

	FN	SFC	TE	PE	W2
% Change	-0.624	0.880	0.012	0.056	-0.004

Net thrust corrected for power extraction is:

FN = 14700 (.99376) = 14700 lbs.

All parameters corrected for power extraction:

FN	SFC	TE	PE	W2
14700	1.07	1146	127.1	464

If a number of interpolations are to be made to obtain engine performance, and ram recovery is to be different than MIL-E-5008B, the ram recovery correction should be applied before interpolating. If this is not done, the ram recovery correction factors for the required flight conditions will also have to be determined by interpolation.

J. Correction for Combination of Ram Recovery, Bleed and Power Extraction

If all the possible corrections are to be made to engine performance determined from the tabulation, the calculation may be simplified by:

1. Calculate $\Delta\eta\gamma$.

2. Verify that the specified bleed and/or power extraction does not exceed the limits of:

   Maximum bleed: 3% of engine airflow, W2.
   Maximum power extraction: 6.50 x % engine speed.

3. Read correction factors for all parameters.

	FN	SFC	TE	PE	W2
RAM					
BLEED					
POWER					

4. Multiply RAM correction factors by $\Delta\eta\gamma$.

5. Multiply BLEED correction factors by WB/W2.

6. Multiply POWER correction factors by HP x 10^{-5}.

7. For each parameter, algebraically add the correction factors together to determine the total percentage change due to ram recovery, bleed and power extraction.

8. Correct each parameter:

$$FN_{(corrected)} = FN\ (1 + \text{total \% change}),\ \text{etc.}$$

4.2 CALCULATION AIDS AND ENGINE LIMITS

In addition to the performance presentation of the GE4/F6A turbofan engine, certain calculation aids and engine limits are included to assist in the estimation of performance at flight conditions not tabulated.

4.2.1 Ram Recovery

The flight performance curves and tabulations in this report are represented for MIL-E-5008B ram recovery, $NR = 1.00 - .075\ (Mo-1)^{1.35}$.

4.2.2 Engine Operating Envelope

The envelope of engine operating capability is presented in both standard day altitude - Mach number form and P2-T2 form including augmentor operating limits. For design limits, use the P2-T2 envelope. Data are contained on pages 5-1 and 5-2.

4.2.3 Rotor Speed Schedule

Scheduled maximum percent rotor speed versus compressor inlet total temperature is given on page 5-3.

4.2.4 Power Setting - Speed Schedule

A curve of percent rotor speed versus engine power setting is included in Section 3 for operation below the lockup Mach number (Mo = 1.5). Above the lockup Mach number, rotor speed is held constant at 100% for all power settings up to T2 of 955°R where a cutback in %N starts (at T2 = 1083°R, %RPM = 95%).

The Mach number at which rotor lockup occurs is a variable that can be changed at the customer's option. The capability of generating performance at various lockup Mach numbers (MONLU) is supplied in the estimated performance data deck with complete details of operation in the data deck instructions. The bulletin performance is produced with a lockup Mach number of 1.5.

During all operation, the self-cooling capability of the engine must be observed.

4.2.5 Bleed Port Pressure

Pressure ratio (PTB/PE) across the air bleed port versus corrected bleed flow defined on page 4-13 for either 2 port or 4 port operation. Airframe service bleed is restricted to 3% of the engine airflow.

4.2.6 Primary Exhaust Nozzle Area Schedule

The primary exhaust nozzle throat area schedule versus engine power setting is provided for operation at power settings greater than 5 in Section 5.

Above a ram pressure ratio of approximately 1.9, the primary jet nozzle area has been manually limited to a maximum value of 1690 sq. inches. If lower idle thrust is required for a particular airframe, this value can be changed.

4.2.7 Exhaust Nozzle Secondary Flow

Corrected secondary nozzle airflow ($Ws/W2\sqrt{Ts/T8}$) versus nozzle pressure ratio (P8/P0) is defined on page 4-14 for both augmented and non-augmented operation. The ram drag of this secondary flow is included in the nozzle performance.

4.2.8 Exhaust Nozzle Boattail Angle

Bulletin performance is calculated utilizing a specific nozzle switchover schedule and is denoted by BTANG being printed for each point. To allow for variations in the calculation of boattail drag, the customer may optimize the nozzle switchover for a particular airframe and flight placard by utilization of a special feature built into the estimated performance data deck. Complete instructions for the generation of performance at desired boattail angles is included in the instructions on the estimated performance data deck operation. A table of boattail angles vs A_9 areas is given below.

Exhaust Nozzle Area vs. Boattail Angle

Boattail Angle	A_9 Area in.^{2}
15.1°	1810
6.6°	2960
3°	3540
0°	4070

4.2.9 Exhaust Nozzle Data for Noise Calculations

To more accurately predict the perceived noise level of the engine, exhaust nozzle thermodynamic conditions are provided for the normal operating mode of the engine.

Tabulated exhaust nozzle data at several flight conditions are contained on pages 4-15 and 4-16. Secondary airflow pumping characteristics of the exhaust nozzle at low altitudes and flight speeds are contained on page 4-17.

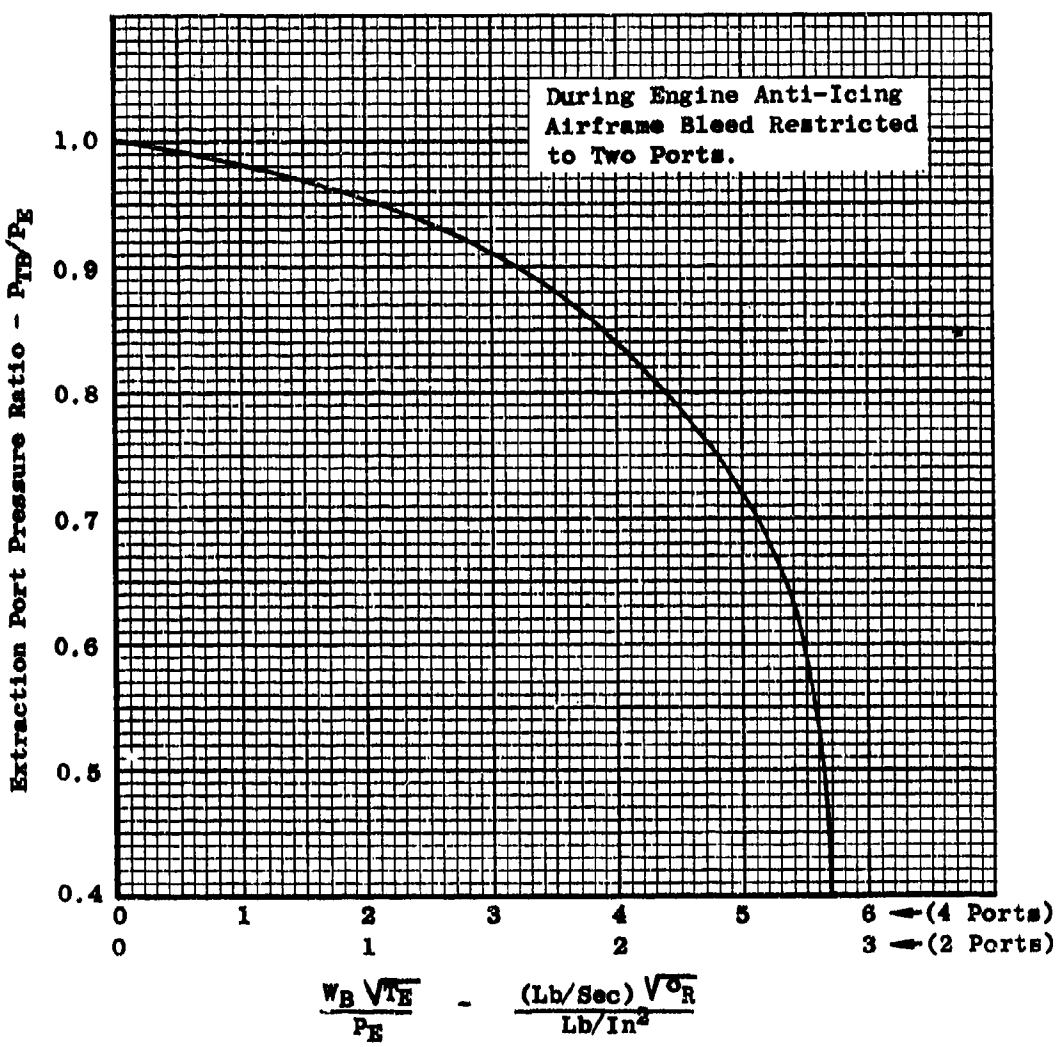
4.2.10 Performance Scaling

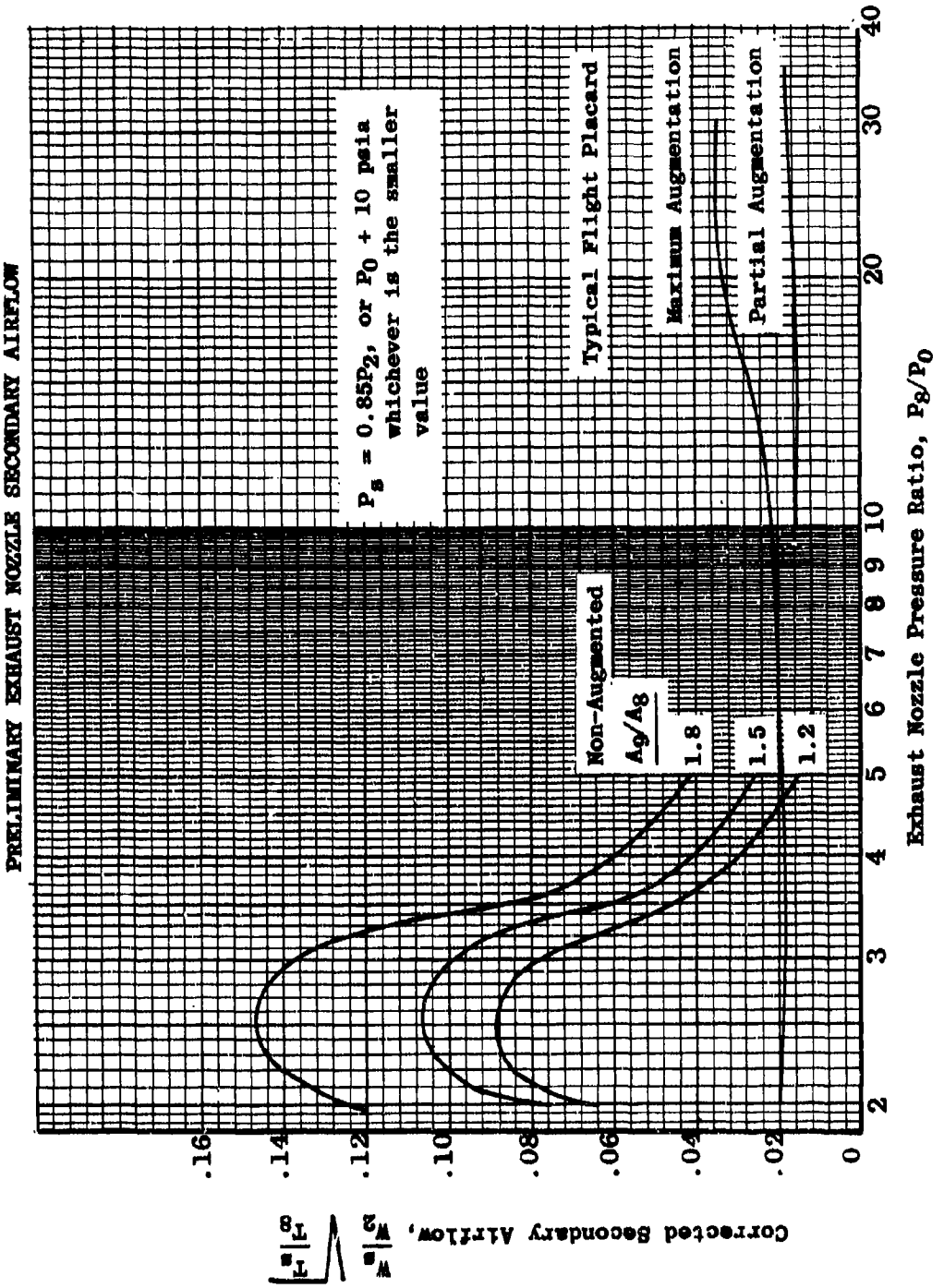
Engine performance parameters (thrusts, flows, and areas) can be directly scaled as a function of airflow within the range of 400 to 650 lbs/sec.

4.2.11 Error Return Indicator (ERI) Definition

ERI No.	Definition of Limits for Tabulated Data
0	No limit exceeded.
101	Rotor speed reduced to observe corrected speed limit, no limit exceeded.
1	Fuel flow reduced to observe nozzle area limit, no limit exceeded.
19	Augmentor pressure less than design operation limit. (Para. 4.2.2)

BLEED PORT PRESSURE CORRECTION




PRELIMINARY EXHAUST NOZZLE SECONDARY AIRFLOW
$P_s = 0.85P_2$, or $P_0 + 10$ psia whichever is the smaller value
Typical Flight Placard
Maximum Augmentation
Partial Augmentation
Non-Augmented
A_9/A_8
1.8
1.5
1.2
Exhaust Nozzle Pressure Ratio, P_8/P_0
Corrected Secondary Airflow, $\frac{W_s}{W_8}\sqrt{\frac{T_8}{T_s}}$
0
2
3
4
5
6
7
8
9
10
20
30
40
.02
.04
.06
.08
.10
.12
.14
.16

GE4/F6A

Jet Exhaust Conditions For Noise Calculations
Normal Operation
U.S. Standard Atmosphere 1962 plus 44°F

Alt. ft.	M_0	P.S.	η_R	F_N lbs	F_G lbs	W_8 lbs/sec	A_8	P_8/P_0	T_8 °R
0	0	1	.92	31900	31900	492	2401	1.60	3155
0	0	2.5	.92	29100	29100	486	2096	1.64	2588
0	0	4	.92	23300	23300	478	1591	1.69	1632
0	0	5	.92	20400	20400	475	1368	1.71	1240
0	0	7	.92	17600	17600	444	1295	1.70	1234
0	0	9	.92	9720	9720	333	1249	1.39	1093
0	.2	1	.95	31200	34800	519	2401	1.68	3203
0	.2	2.5	.95	27300	30900	513	2075	1.72	2587
0	.2	4	.95	20200	23800	504	1577	1.78	1634
0	.2	5	.95	17700	21300	501	1356	1.80	1241
0	.2	7	.95	16000	19400	468	1284	1.78	1234
0	.2	9	.95	8530	11100	362	1249	1.45	1077
1500	.2	1	.95	30300	33700	496	2402	1.70	3228
1500	.2	2.5	.95	26900	29800	490	2065	1.74	2588
1500	.2	4	.95	19600	23000	482	1569	1.80	1632
1500	.2	5	.95	17100	20600	479	1349	1.82	1240
1500	.2	7	.95	15600	18800	447	1275	1.81	1234
1500	.2	9	.95	8300	10800	349	1249	1.46	1072

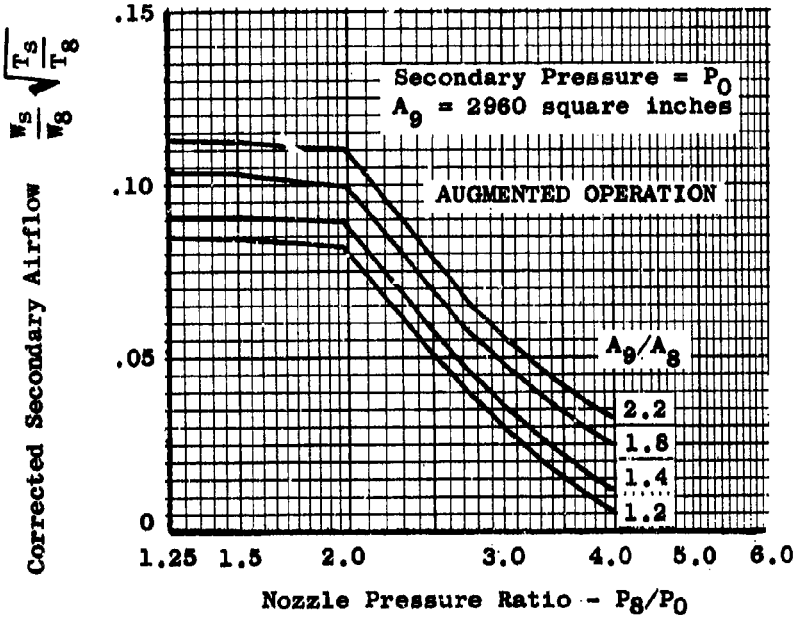
GEI 84219

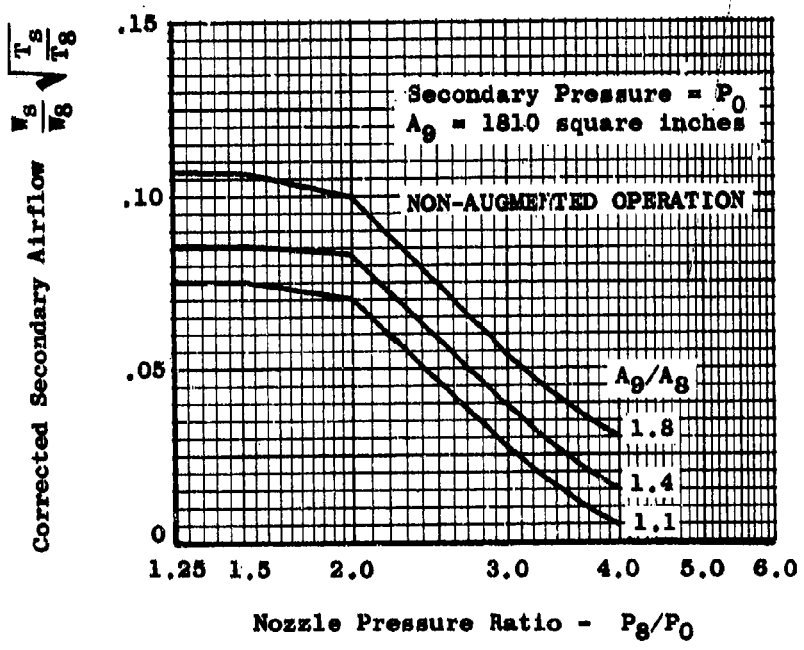
GE4/F6A

Jet Exhaust Conditions For Noise Calculations
Normal Operation
U. S. Standard Atmosphere 1962

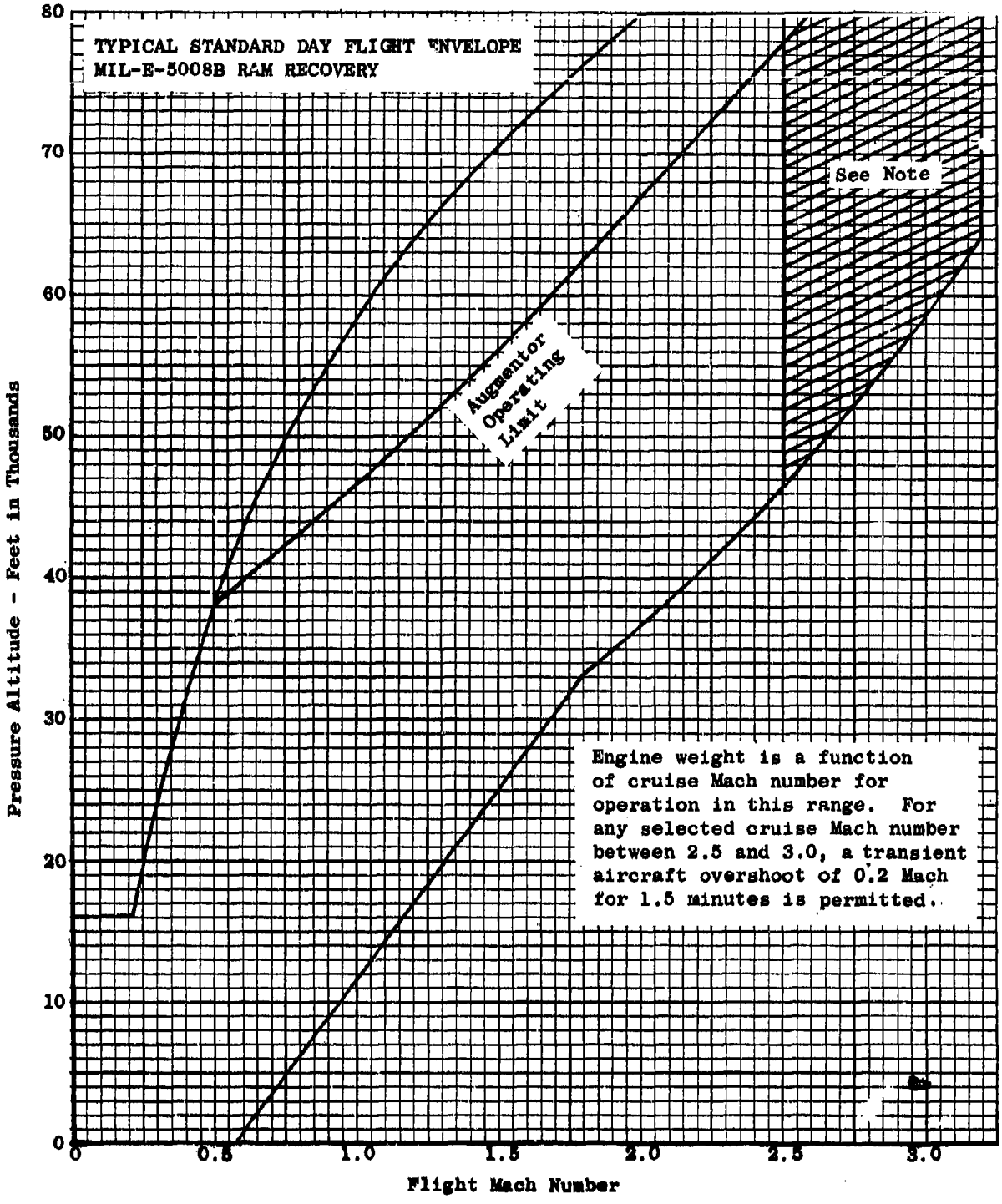
Alt. ft.	M_0	P.S.	η_R	F_N lbs	F_G lbs	W_8 lbs/sec	A_8	P_8/P_0	T_8 °R
0	0	1	.92	38900	38900	531	2354	1.78	3325
0	0	2.5	.92	34300	34300	523	1985	1.82	2586
0	0	4	.92	27200	27200	514	1510	1.88	1626
0	0	5	.92	23700	23700	511	1296	1.90	1229
0	0	7	.92	19900	19900	480	1249	1.86	1215
0	0	9	.92	12500	12500	390	1249	1.51	1061
0	.2	1	.95	38000	41700	560	2349	1.87	3323
0	.2	2.5	.95	31800	35500	551	1981	1.92	2584
0	.2	4	.95	24300	28100	542	1505	1.97	1627
0	.2	5	.95	21200	24900	539	1291	2.00	1230
0	.2	7	.95	18400	21900	508	1249	1.94	1208
0	.2	9	.95	10800	13700	415	1249	1.57	1044
1500	.2	1	.95	36700	40200	535	2336	1.89	3325
1500	.2	2.5	.95	30700	34200	527	1970	1.94	2586
1500	.2	4	.95	23500	27000	518	1496	2.00	1626
1500	.2	5	.95	20400	23900	515	1284	2.02	1228
1500	.2	7	.95	17700	21000	486	1249	1.96	1200
1500	.2	9	.95	10600	13300	400	1249	1.58	1041

EXHAUST NOZZLE PRELIMINARY AIR HANDLING DATA
LOW ALTITUDE AND MACH NUMBER CONDITIONS

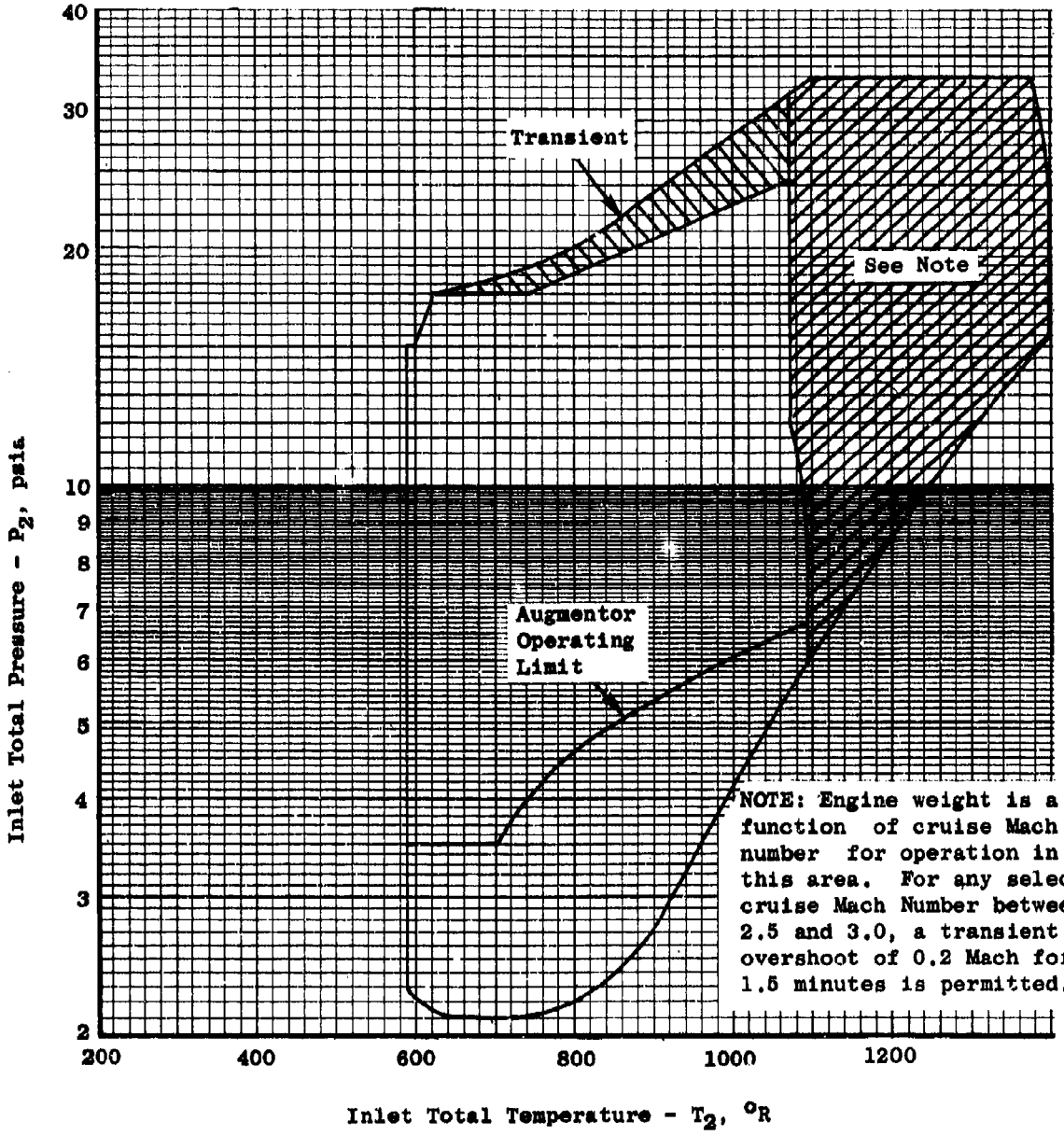




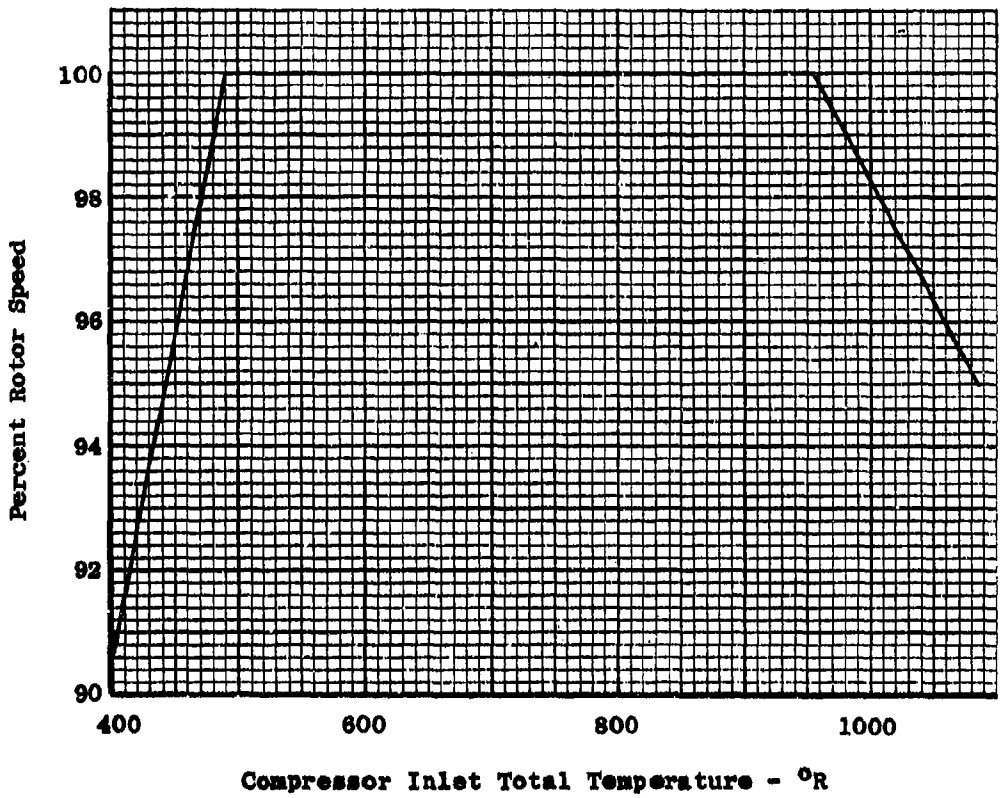
5.1 ENGINE FLIGHT LIMITS



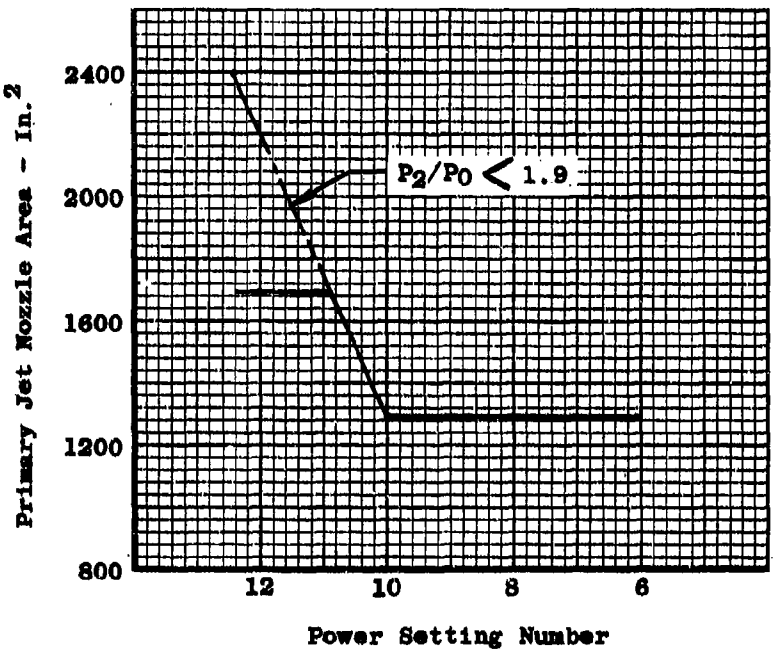
5.1 ENGINE OPERATING LIMITS



5.2 MAXIMUM ROTOR SPEED



5.3 PRIMARY JET NOZZLE AREA SCHEDULE NON-AUGMENTED OPERATION



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CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

NO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	45000	2.20	1101	151.8	550	1765
	P2 =14.70	RAM	.00	1.72	-.82	.00	1.01	1.00	.00
	T2 = 519	BLEED	.00	-3.69	1.45	-.62	-1.96	.14	-.00
	ERI = 0	POWER	.00	-1.64	1.88	.04	.14	.14	-.00
.30	NR = 1.00	1.06	6010	41100	2.50	1113	158.8	577	1765
	P2 =15.64	RAM	1.00	1.75	-1.07	-.00	1.00	1.00	-.00
	T2 = 528	BLEED	.08	-3.74	1.72	-.59	-1.93	.08	-.00
	ERI = 0	POWER	.06	-1.23	1.35	.04	.13	.06	-.00
.60	NR = 1.00	1.28	13800	44300	2.37	1149	181.0	661	1765
	P2 =18.75	RAM	1.00	1.45	-1.33	-.00	1.00	1.00	.00
	T2 = 556	BLEED	.07	-3.09	2.98	-.53	-1.85	.07	.01
	ERI = 0	POWER	-.01	-1.10	1.21	.02	.10	-.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.93	99250	3323	2329	45500	45500	2.18	550	6.6
	RAM	1.01	.97	-.01	-.14	1.72	1.72	-.82	.00	.00
	BLEED	-3.12	-2.32	-.96	2.05	-3.69	-3.69	1.45	.14	.00
	POWER	-2.39	.21	-.09	2.72	-1.64	-1.64	1.88	.14	.00
.30	1.06	2.01	102530	3304	2330	48800	42800	2.39	547	6.6
	RAM	1.02	.78	-.11	-.20	1.61	1.70	-1.00	.00	.00
	BLEED	-3.10	-2.11	-.79	2.05	-3.49	-3.99	2.00	.08	.00
	POWER	-2.21	.10	-.08	2.40	-1.49	-1.70	1.84	.06	.00
.60	1.28	2.27	104818	3121	2283	60000	46200	2.27	536	6.6
	RAM	1.05	.21	-.47	-.34	1.33	1.43	-1.31	.00	.00
	BLEED	-3.17	-.25	.22	2.41	-2.62	-3.42	3.34	.07	.00
	POWER	-1.85	.09	-.04	1.80	-1.08	-1.40	1.52	-.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	41700	1.84	1101	151.8	550	1765
	P2 =14.70	RAM	.00	1.69	-.79	.00	1.01	1.00	.00
	T2 = 519	BLEED	.00	-3.46	1.84	-.62	-1.96	.14	-.00
	ERI = 0	POWER	.00	-1.52	1.78	.04	.14	.14	-.00
.30	NR = 1.00	1.06	6010	36500	2.20	1113	158.8	577	1765
	P2 =15.64	RAM	1.00	1.86	-.99	-.00	1.00	1.00	-.00
	T2 = 528	BLEED	.08	-3.66	2.08	-.59	-1.93	.08	-.00
	ERI = 0	POWER	.06	-1.10	1.33	.04	.13	.06	-.00
.60	NR = 1.00	1.28	13800	40800	2.21	1149	181.0	661	1765
	P2 =18.75	RAM	1.00	1.85	-.97	-.00	1.00	1.00	.00
	T2 = 556	BLEED	.07	-3.83	2.34	-.53	-1.85	.07	.01
	ERI = 0	POWER	-.01	-1.00	1.20	.02	.10	-.01	.00

GENERAL ELECTRIC GE4/P6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.97	76852	2857	2098	42100	42100	1.82	550	6.6
	RAM	1.01	.97	-.01	-.14	1.69	1.69	-.79	.00	.00
	BLEED	-3.08	-1.71	-.77	2.15	-3.46	-3.46	1.84	.14	.00
	POWER	-2.30	.23	-.10	2.61	-1.52	-1.52	1.78	.14	.00
.30	1.06	2.04	80124	2852	2109	45300	39300	2.04	547	6.6
	RAM	1.01	.97	-.02	-.09	1.64	1.73	-.84	.00	.00
	BLEED	-3.05	-1.69	-.69	1.94	-3.32	-3.84	2.27	.08	.00
	POWER	-2.14	.22	-.04	2.16	-1.36	-1.58	1.83	.06	.00
.60	1.28	2.29	90437	2846	2148	57200	43400	2.08	536	6.6
	RAM	1.00	.97	-.02	-.02	1.54	1.71	-.81	.00	.00
	BLEED	-3.03	-1.63	-.63	1.75	-2.98	-3.95	2.47	.07	.00
	POWER	-1.82	.18	.00	1.78	-1.02	-1.34	1.54	-.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	37300	1.46	1101	151.8	550	1765
	P2 =14.70	RAM	.00	1.67	-.75	.00	1.01	1.00	.00
	T2 = 519	BLEED	.00	-3.33	1.75	-.62	-1.96	.14	-.00
	ERI = 0	POWER	.00	-1.41	1.71	.04	.14	.14	-.00
.30	NR = 1.00	1.06	6010	30600	1.86	1113	158.8	577	1765
	P2 =15.64	RAM	1.00	1.74	-.84	-.00	1.00	1.00	-.00
	T2 = 528	BLEED	.08	-3.85	2.34	-.59	-1.93	.08	-.00
	ERI = 0	POWER	.06	-1.53	1.82	.04	.13	.06	-.00
.60	NR = 1.00	1.28	13800	33000	1.94	1149	181.0	661	1765
	P2 =18.75	RAM	1.00	1.98	-1.11	-.00	1.00	1.00	.00
	T2 = 556	BLEED	.07	-3.94	2.52	-.53	-1.85	.07	.01
	ERI = 0	POWER	-.01	-.88	1.10	.02	.10	-.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	2.00	54454	2290	1821	37700	37700	1.45	550	6.6
	RAM	1.01	.98	-.00	-.14	1.67	1.67	-.75	.00	.00
	BLEED	-3.01	-1.66	-.78	2.06	-3.33	-3.33	1.75	.14	.00
	POWER	-2.21	.28	-.11	2.47	-1.41	-1.41	1.71	.14	.00
.30	1.06	2.08	56757	2288	1834	40500	34500	1.65	547	6.6
	RAM	1.00	.98	-.02	-.05	1.62	1.73	-.82	.00	.00
	BLEED	-2.98	-1.64	-.70	1.73	-3.20	-3.77	2.26	.08	.00
	POWER	-2.06	.26	-.05	2.04	-1.27	-1.50	1.79	.06	.00
.60	1.28	2.33	63995	2286	1867	51100	37300	1.72	536	6.6
	RAM	1.00	.98	-.02	-.02	1.52	1.72	-.81	.00	.00
	BLEED	-2.96	-1.58	-.65	1.70	-2.88	-3.97	2.55	.07	.00
	POWER	-1.74	.21	-.01	1.71	-.96	-1.31	1.54	-.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	31400	1.02	1101	151.8	550	1765
	P2 =14.70	RAM	.00	1.65	-.70	.00	1.01	1.00	.00
	T2 = 519	BLEED	.00	-3.19	1.73	-.62	-1.96	.14	-.00
	ERI = 0	POWER	.00	-1.31	1.72	.04	.14	.14	-.00
.30	NR = 1.00	1.06	6010	24800	1.35	1113	158.8	577	1765
	P2 =15.64	RAM	1.00	1.75	-.82	-.00	1.00	1.00	-.00
	T2 = 528	BLEED	.08	-3.85	2.46	-.59	-1.93	.08	-.00
	ERI = 0	POWER	.06	-1.49	1.88	.04	.13	.06	-.00
.60	NR = 1.00	1.28	13800	25100	1.50	1149	181.0	661	1765
	P2 =18.75	RAM	1.00	1.79	-.87	-.00	1.00	1.00	.00
	T2 = 556	BLEED	.07	-4.35	3.10	-.53	-1.85	.07	.01
	ERI = 0	POWER	-.01	-1.40	1.72	.02	.10	-.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	2.04	32055	1628	1496	31700	31700	1.01	550	6.6
	RAM	1.01	1.01	.01	-.10	1.65	1.65	-.70	.00	.00
	BLEED	-2.95	-1.55	-.78	1.88	-3.19	-3.19	1.73	.14	.00
	POWER	-2.12	.38	-.14	2.14	-1.31	-1.31	1.72	.14	.00
.30	1.06	2.12	33390	1628	1507	34100	28100	1.19	547	6.6
	RAM	1.00	1.00	.00	-.02	1.60	1.73	-.80	.00	.00
	BLEED	-2.92	-1.53	-.71	1.63	-3.08	-3.76	2.36	.08	.00
	POWER	-1.97	.35	-.09	1.94	-1.19	-1.46	1.84	.06	.00
.60	1.28	2.38	37553	1634	1534	43000	29200	1.28	536	6.6
	RAM	1.00	1.00	-.00	-.02	1.51	1.75	-.83	.00	.00
	BLEED	-2.89	-1.45	-.66	1.65	-2.78	-4.13	2.85	.07	.00
	POWER	-1.67	.30	-.05	1.61	-.90	-1.33	1.65	-.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	27200	.710	1101	151.8	550	1765
	P2 =14.70	RAM	.00	1.64	-.68	.00	1.01	1.00	.00
	T2 = 519	BLEED	.00	-3.07	1.88	-.62	-1.96	.14	-.00
	ERI = 0	POWER	.00	-1.26	1.83	.04	.14	.14	-.00
.30	NR = 1.00	1.06	6010	21400	.94	1113	158.8	577	1765
	P2 =15.64	RAM	1.00	1.65	-.70	-.00	1.00	1.00	-.00
	T2 = 528	BLEED	.08	-3.82	2.71	-.59	-1.93	.08	-.00
	ERI = 0	POWER	.06	-1.78	2.33	.04	.13	.06	-.00
.60	NR = 1.00	1.28	13800	20700	1.08	1149	181.0	661	1765
	P2 =18.75	RAM	1.00	2.09	-1.21	-.00	1.00	1.00	.00
	T2 = 556	BLEED	.07	-4.51	3.57	-.53	-1.85	.07	.01
	ERI = 0	POWER	-.01	-1.17	1.63	.02	.10	-.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	2.07	19285	1229	1284	27500	27500	.700	550	6.6
	RAM	1.01	1.01	.00	-.09	1.64	1.64	-.68	.00	.00
	BLEED	-2.91	-1.28	-.67	1.83	-3.07	-3.07	1.88	.14	.00
	POWER	-2.06	.55	-.18	2.07	-1.26	-1.26	1.83	.14	.00
.30	1.06	2.15	20030	1231	1293	29600	23600	.85	547	6.6
	RAM	1.00	1.00	.00	-.04	1.59	1.74	-.81	.00	.00
	BLEED	-2.88	-1.27	-.64	1.68	-2.98	-3.75	2.64	.08	85.86
	POWER	-1.92	.51	-.15	1.88	-1.16	-1.47	2.01	.061	15.25
.60	1.28	2.41	22318	1239	1315	37300	23600	.95	536	15.1
	RAM	1.00	1.00	.00	-.04	1.50	1.79	-.87	.00	.00
	BLEED	-2.85	-1.19	-.59	1.69	-2.69	-4.30	3.33	.07	.00
	POWER	-1.63	.43	-.10	1.57	-.89	-1.41	1.87	-.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	22900	.755	1071	140.9	520	1714
	P2 =14.70	RAM	.00	1.63	-.95	-.02	.95	1.09	-.17
	T2 = 519	BLEED	.00	-.43	2.34	-.41	-1.10	.21	2.00
	ERI = 0	POWER	.00	1.12	3.51	.32	1.12	-.44	2.60
.30	NR = 1.00	1.06	5670	19000	.96	1084	147.7	545	1724
	P2 =15.64	RAM	1.03	1.59	-.73	-.01	.98	1.03	-.06
	T2 = 528	BLEED	.45	1.17	2.42	-.44	-1.24	.45	1.57
	ERI = 0	POWER	-.37	1.44	2.77	.29	1.00	-.37	2.35
.60	NR = 1.00	1.28	12900	19100	1.08	1119	167.1	619	1754
	P2 =18.75	RAM	1.02	1.67	-.79	-.00	.99	1.02	-.04
	T2 = 556	BLEED	.76	-4.20	4.02	-.55	-1.67	.76	.42
	ERI = 0	POWER	.47	-1.40	2.84	.09	.32	.47	.54

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.99	17367	1197	1249	25100	25100	.690	520	15.1
	RAM	.85	.76	-.18	.00	1.56	1.56	-.87	.09	.00
	BLEED	-.40	1.89	.99	.19	-.54	-.54	2.45	.21	.00
	POWER	.78	4.66	2.26	.00	1.20	1.20	3.42	-.44	.00
.30	1.06	2.09	18189	1206	1249	27100	21500	.85	516	15.1
	RAM	.94	.92	-.06	.00	1.58	1.73	-.88	.03	.00
	BLEED	-.99	1.28	.53	.68	-.86	-1.20	2.53	.45	-37.53
	POWER	.66	4.25	2.01	-.03	1.13	1.52	2.69	-.37	.00
.60	1.28	2.38	20539	1228	1249	34500	21700	.95	502	6.6
	RAM	.96	.95	-.04	.00	1.49	1.76	-.90	.02	.00
	BLEED	-2.45	-.44	-.53	1.94	-1.80	-3.32	3.04	.76	.00
	POWER	-1.32	1.39	.11	1.79	-.14	-.50	1.91	.47	.00

GEI 94219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	14700	.735	978	103.8	430	1475
	P2 =14.70	RAM	.00	1.94	-1.27	-.01	.96	1.29	-.15
	T2 = 519	BLEED	.00	-.36	2.97	-.38	-1.04	.14	2.41
	ERI = 0	POWER	.00	1.26	4.87	.41	1.46	-.65	3.23
.30	NR = 1.00	1.06	4700	11000	.99	985	106.6	451	1464
	P2 =15.64	RAM	1.19	2.06	-1.45	-.02	.94	1.19	-.17
	T2 = 528	BLEED	.13	-.62	3.28	-.39	-1.09	.13	2.41
	ERI = 0	POWER	-.52	2.17	4.00	.39	1.46	-.52	3.23
.60	NR = 1.00	1.28	10600	8840	1.25	1006	114.8	509	1432
	P2 =18.75	RAM	1.08	2.23	-1.74	-.02	.92	1.08	-.20
	T2 = 556	BLEED	.09	-1.31	4.02	-.43	-1.22	.09	2.35
	ERI = 0	POWER	-.23	3.77	2.46	.38	1.46	-.23	3.12

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.61	10800	1036	1249	16200	16200	.665	430	15.1
	RAM	.82	.79	-.25	.00	1.94	1.94	-1.27	.30	.00
	BLEED	-.15	2.60	1.25	.00	-.36	-.36	2.97	.14	.00
	POWER	.48	6.16	2.64	.00	1.26	1.26	4.87	-.65	.00
.30	1.06	1.66	10886	1026	1249	17400	12700	.86	427	15.1
	RAM	.80	.76	-.22	.00	1.80	2.02	-1.41	.20	.00
	BLEED	-.18	2.62	1.22	.00	-.40	-.59	3.24	.13	.00
	POWER	.62	6.23	2.55	.00	1.37	2.07	4.11	-.52	.00
.60	1.28	1.81	11082	1006	1249	21500	10900	1.02	413	15.1
	RAM	.79	.68	-.18	.00	1.60	2.11	-1.59	.08	.00
	BLEED	-.26	2.62	1.11	.00	-.55	-1.17	3.86	.09	.00
	POWER	.64	6.30	2.26	.00	1.59	3.35	2.88	-.23	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	6060	.800	865	64.5	335	1150
	P2 =14.70	RAM	.00	2.33	-2.77	-.06	.76	1.58	-.64
	T2 = 519	BLEED	.00	-.65	4.06	-.41	-1.23	.06	2.57
	ERI = 0	POWER	.00	2.81	9.32	.60	2.56	-.33	5.33
.30	NR = 1.00	1.06	3680	2870	1.61	870	65.5	353	1116
	P2 =15.64	RAM	1.43	2.92	-3.74	-.07	.73	1.43	-.69
	T2 = 528	BLEED	.05	-1.71	5.31	-.44	-1.31	.05	2.53
	ERI = 0	POWER	-.26	6.57	5.72	.61	2.55	-.26	5.25
.60	NR = 1.00	1.28	8320	-260	-14.635	887	68.9	400	1011
	P2 =18.75	RAM	1.08	-14.58	8.19	-.06	.73	1.08	-.66
	T2 = 556	BLEED	.02	27.80	-16.64	-.44	-1.41	.02	2.40
	ERI = 0	POWER	-.06	-79.47	131.55	.52	2.46	-.06	4.87

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

D	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
0	1.00	1.18	4838	820	1587	6710	6710	.720	335	6.6
	RAM	.36	-.12	-.66	.00	2.33	2.33	-2.77	.62	.00
	BLEED	-.11	3.37	1.17	.00	-.65	-.65	4.06	.06	.00
	POWER	.44	12.21	3.51	.00	2.81	2.81	9.32	-.33	.00
.30	1.06	1.19	4614	800	1587	7240	3570	1.29	335	6.6
	RAM	.35	-.27	-.61	.00	2.08	2.76	-3.51	.45	.00
	BLEED	-.13	3.47	1.10	.00	-.72	-1.51	5.10	.05	.00
	POWER	.43	12.42	3.33	.00	2.73	5.82	6.47	-.26	.00
.60	1.28	1.23	3877	758	1587	8920	600	6.51	324	6.6
	RAM	.32	-.42	-.42	.00	1.59	8.79	-16.42	.08	.00
	BLEED	-.18	4.22	.97	.00	-.89	-13.66	22.49	.02	.00
	POWER	.51	13.92	2.78	.00	2.55	39.05	-21.99	-.06	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	1740	1.52	765	39.8	228	1070
	P2 =14.70	RAM	.00	3.64	-6.06	-.14	.49	2.54	-1.23
	T2 = 519	BLEED	.00	-.84	4.20	-.49	-1.28	.04	2.50
	ERI = 0	POWER	.00	6.23	18.96	1.28	4.77	-.22	10.62
.30	NR = 1.00	1.06	2550	-640	-3.685	767	40.0	245	1002
	P2 =15.64	RAM	1.48	.03	-2.10	-.17	.39	1.48	-1.43
	T2 = 528	BLEED	.02	3.44	.28	-.50	-1.36	.02	2.46
	ERI = 0	POWER	-.08	-13.57	42.39	1.30	4.82	-.08	10.58
.60	NR = 1.00	1.28	5830	-3440	-.475	775	41.3	280	859
	P2 =18.75	RAM	1.10	.82	-3.33	-.14	.47	1.10	-1.20
	T2 = 556	BLEED	.02	.78	4.47	-.56	-1.50	.02	2.22
	ERI = 0	POWER	-.05	-3.85	41.91	1.26	4.99	-.05	10.39

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 0 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.03	2653	758	2400	1920	1920	1.38	228	6.6
	RAM	.11	-1.31	-1.39	.00	3.63	3.63	-6.04	1.62	.00
	BLEED	-.04	3.31	1.07	.00	-.83	-.83	4.19	.04	.00
	POWER	.18	25.38	6.51	.00	6.21	6.21	18.98	-.22	.00
.30	1.06	1.04	2340	725	2400	2120	-440	-5.365	232	6.6
	RAM	.08	-2.07	-1.05	.00	1.96	-.82	-1.20	.51	.00
	BLEED	-.06	3.74	.99	.00	-1.11	5.49	-1.62	.02	.00
	POWER	.16	27.92	6.08	.00	4.37	-21.67	51.34	-.08	.00
.60	1.28	1.04	1632	676	2400	2630	-3200	-.510	227	6.6
	RAM	.06	-2.37	-.65	.00	1.50	.77	-3.27	.11	.00
	BLEED	-.05	5.31	.81	.00	-1.08	.92	4.32	.02	.00
	POWER	.21	37.80	5.22	.00	5.41	-4.54	42.65	-.05	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	38700	2.29	1152	141.1	515	1765
	P2 =14.70	RAM	.00	1.98	-.55	-.00	1.01	1.00	-.00
	T2 = 559	BLEED	.00	-5.38	-1.81	-.53	-1.85	.08	-.00
	ERI = 1	POWER	.00	-3.83	-2.59	.03	.12	-.01	.00
.30	NR = 1.00	1.06	5830	34800	2.65	1164	147.4	540	1765
	P2 =15.64	RAM	1.00	2.16	-.94	-.00	1.01	1.00	-.00
	T2 = 569	BLEED	.11	-6.34	-.34	-.53	-1.84	.11	-.00
	ERI = 1	POWER	-.00	-4.31	-1.44	.03	.12	-.00	.00
.60	NR = 1.00	1.28	13300	38800	2.62	1203	167.7	617	1765
	P2 =18.75	RAM	1.00	2.01	-.97	-.00	1.00	1.00	.00
	T2 = 599	BLEED	.15	-6.70	.22	-.53	-1.82	.15	-.02
	ERI = 1	POWER	.05	-3.95	-.98	.02	.10	.05	-.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.75	88701	3265	2402	39100	39100	2.27	535	6.6
	RAM	.98	1.48	.29	.01	1.98	1.98	-.55	.00	.00
	BLEED	-2.70	-7.04	-3.80	-.02	-5.38	-5.38	-1.81	.08	.00
	POWER	-1.93	-6.32	-3.74	-.06	-3.83	-3.83	-2.59	-.01	.00
.30	1.06	1.83	92155	3260	2402	42300	36400	2.53	531	6.6
	RAM	.99	1.32	.19	.00	1.87	2.01	-.77	.00	.00
	BLEED	-2.73	-6.65	-3.59	-.02	-5.08	-5.91	-.81	.11	.00
	POWER	-1.88	-5.69	-3.40	-.06	-3.44	-3.99	-1.77	-.00	.00
.60	1.28	2.05	101885	3222	2400	53600	40300	2.53	520	6.6
	RAM	.99	1.15	.09	-.01	1.68	1.91	-.85	.00	.00
	BLEED	-2.85	-6.50	-3.57	-.00	-4.75	-6.37	-.14	.15	.00
	POWER	-1.77	-4.88	-2.95	.01	-2.83	-3.78	-1.15	.05	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	36300	1.96	1152	141.1	515	1765
	P2 =14.70	RAM	.00	1.82	-.94	-.00	1.01	1.00	-.00
	T2 = 559	BLEED	.00	-3.82	2.34	-.53	-1.85	.08	-.00
	ERI = 0	POWER	.00	-1.95	2.22	.03	.12	-.01	.00
.30	NR = 1.00	1.06	5830	31300	2.36	1164	147.4	540	1765
	P2 =15.64	RAM	1.00	1.95	-1.09	-.00	1.01	1.00	-.00
	T2 = 569	BLEED	.11	-4.19	2.76	-.53	-1.84	.11	-.00
	ERI = 0	POWER	-.00	-1.68	1.93	.03	.12	-.00	.00
.60	NR = 1.00	1.28	13300	34700	2.40	1203	167.7	617	1765
	P2 =18.75	RAM	1.00	1.97	-1.12	-.00	1.00	1.00	.00
	T2 = 599	BLEED	.15	-4.24	2.83	-.53	-1.82	.15	-.02
	ERI = 0	POWER	.05	-1.32	1.52	.02	.10	.05	-.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.78	71091	2858	2190	36700	36700	1.94	535	6.6
	RAM	1.01	.97	-.01	-.20	1.82	1.82	-.94	.00	.00
	BLEED	-3.04	-1.62	-.67	2.30	-3.82	-3.82	2.34	.08	.00
	POWER	-2.33	.22	-.02	2.62	-1.95	-1.95	2.22	-.01	.00
.30	1.06	1.85	73977	2856	2192	39600	33800	2.19	531	6.6
	RAM	1.01	.97	-.01	-.14	1.76	1.89	-1.02	.00	.00
	BLEED	-3.05	-1.61	-.68	2.13	-3.61	-4.25	2.82	.11	.00
	POWER	-2.24	.21	-.03	2.38	-1.72	-2.02	2.28	-.00	.00
.60	1.28	2.08	83256	2852	2209	50400	37100	2.24	520	6.6
	RAM	1.00	.96	-.02	-.05	1.62	1.84	-.97	.00	.00
	BLEED	-3.17	-1.59	-.66	2.04	-3.26	-4.49	3.11	.15	.00
	POWER	-2.09	.18	-.04	2.08	-1.32	-1.81	2.03	.05	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	32600	1.54	1152	141.1	515	1765
	P2 =14.70	RAM	.00	1.79	-.89	-.00	1.01	1.00	-.00
	T2 = 559	BLEED	.00	-3.66	2.21	-.53	-1.85	.08	-.00
	ERI = 0	POWER	.00	-1.81	2.12	.03	.12	-.01	.00
.30	NR = 1.00	1.06	5830	26300	1.99	1164	147.4	540	1765
	P2 =15.64	RAM	1.00	1.71	-.80	-.00	1.01	1.00	-.00
	T2 = 569	BLEED	.11	-3.31	1.84	-.53	-1.84	.11	-.00
	ERI = 0	POWER	-.00	-1.23	1.51	.03	.12	-.00	.00
.60	NR = 1.00	1.28	13300	27800	2.11	1203	167.7	617	1765
	P2 =18.75	RAM	1.00	2.09	-1.24	-.00	1.00	1.00	.00
	T2 = 599	BLEED	.15	-4.23	2.87	-.53	-1.82	.15	-.02
	ERI = 0	POWER	.05	-1.05	1.28	.02	.10	.05	-.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.82	50161	2293	1899	33000	33000	1.52	535	6.6
	RAM	1.01	.98	-.01	-.18	1.79	1.79	-.89	.00	.00
	BLEED	-2.97	-1.57	-.68	2.15	-3.66	-3.66	2.21	.08	.00
	POWER	-2.24	.27	-.04	2.46	-1.81	-1.81	2.12	-.01	.00
.30	1.06	1.89	52180	2293	1901	35500	29700	1.76	531	6.6
	RAM	1.01	.98	-.00	-.13	1.73	1.88	-.99	.00	.00
	BLEED	-2.97	-1.56	-.70	2.02	-3.46	-4.16	2.77	.11	.00
	POWER	-2.15	.26	-.04	2.31	-1.62	-1.93	2.24	-.00	.00
.60	1.28	2.12	58653	2293	1920	45200	31900	1.84	520	6.6
	RAM	1.00	.97	-.02	-.02	1.60	1.85	-.96	.00	.00
	BLEED	-3.08	-1.54	-.67	1.87	-3.13	-4.50	3.18	.15	.00
	POWER	-2.00	.22	-.06	1.97	-1.22	-1.75	2.01	.05	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	27600	1.06	1152	141.1	515	1765
	P2 =14.70	RAM	.00	1.77	-.83	-.00	1.01	1.00	-.00
	T2 = 559	BLEED	.00	-3.50	2.15	-.53	-1.85	.08	-.00
	ERI = 0	POWER	.00	-1.68	2.09	.03	.12	-.01	.00
.30	NR = 1.00	1.06	5830	21300	1.43	1164	147.4	540	1765
	P2 =15.64	RAM	1.00	1.90	-.99	-.00	1.01	1.00	-.00
	T2 = 569	BLEED	.11	-4.24	2.98	-.53	-1.84	.11	-.00
	ERI = 0	POWER	-.00	-1.92	2.33	.03	.12	-.00	.00
.60	NR = 1.00	1.28	13300	21200	1.61	1203	167.7	617	1765
	P2 =18.75	RAM	1.00	1.95	-1.05	-.00	1.00	1.00	.00
	T2 = 599	BLEED	.15	-4.98	3.86	-.53	-1.82	.15	-.02
	ERI = 0	POWER	.05	-1.89	2.24	.02	.10	.05	-.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.86	29230	1633	1558	27900	27900	1.05	535	6.6
	RAM	1.01	1.01	.01	-.18	1.77	1.77	-.83	.00	.00
	BLEED	-2.90	-1.47	-.69	2.05	-3.50	-3.50	2.15	.08	.00
	POWER	-2.14	.38	-.08	2.31	-1.68	-1.68	2.09	-.01	.00
.30	1.06	1.93	30382	1635	1559	30000	24200	1.26	531	6.6
	RAM	1.01	1.01	.01	-.14	1.71	1.88	-.96	.00	.00
	BLEED	-2.90	-1.45	-.69	1.97	-3.30	-4.13	2.85	.11	.00
	POWER	-2.06	.36	-.08	2.19	-1.51	-1.87	2.28	-.00	.00
.60	1.28	2.17	34050	1642	1578	38200	24900	1.37	520	6.6
	RAM	1.00	1.00	-.00	-.02	1.58	1.90	-.99	.00	.00
	BLEED	-3.00	-1.41	-.67	1.80	-3.00	-4.69	3.52	.15	.00
	POWER	-1.91	.31	-.10	1.85	-1.14	-1.77	2.13	.05	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	24000	.720	1152	141.1	515	1765
	P2 =14.70	RAM	.00	1.74	-.80	-.00	1.01	1.00	-.00
	T2 = 559	BLEED	.00	-3.35	2.26	-.53	-1.85	.08	-.00
	ERI = 0	POWER	.00	-1.60	2.19	.03	.12	-.01	.00
.30	NR = 1.00	1.06	5830	18500	.97	1164	147.4	540	1765
	P2 =15.64	RAM	1.00	2.12	-1.24	-.00	1.01	1.00	-.00
	T2 = 569	BLEED	.11	-4.59	3.66	-.53	-1.84	.11	-.00
	ERI = 0	POWER	-.00	-2.03	2.61	.03	.12	-.00	.00
.60	NR = 1.00	1.28	13300	17500	1.14	1203	167.7	617	1765
	P2 =18.75	RAM	1.00	1.91	-1.01	-.00	1.00	1.00	.00
	T2 = 599	BLEED	.15	-4.33	3.43	-.53	-1.82	.15	-.02
	ERI = 0	POWER	.05	-1.11	1.59	.02	.10	.05	-.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FG8	FN8	SFC8	W2K	BTANG
.00	1.00	1.88	17354	1239	1339	24300	24300	.715	535	15.1
	RAM	1.01	1.01	.00	-.18	1.74	1.74	-.80	.00	11.26
	BLEED	-2.87	-1.20	-.60	2.04	-3.35	-3.35	2.26	.08	.00
	POWER	-2.09	.55	-.13	2.19	-1.60	-1.60	2.19	-.01	.00
.30	1.06	1.96	17978	1242	1339	26200	20300	.88	531	15.1
	RAM	1.01	1.01	.00	-.15	1.69	1.89	-.97	.00	.00
	BLEED	-2.86	-1.18	-.60	2.01	-3.18	-4.12	3.14	.11	.00
	POWER	-2.01	.53	-.13	2.12	-1.46	-1.87	2.45	-.00	.00
.60	1.28	2.20	19936	1251	1357	33300	19900	1.00	520	15.1
	RAM	1.00	1.00	.00	-.03	1.57	1.95	-1.05	.00	.00
	BLEED	-2.96	-1.12	-.59	1.84	-2.88	-4.91	4.09	.15	.00
	POWER	-1.86	.45	-.16	1.79	-1.11	-1.88	2.39	.05	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	20500	.785	1122	130.4	481	1765
	P2 =14.70	RAM	.00	1.87	-.95	-.00	1.01	1.00	-.00
	T2 = 559	BLEED	.00	-2.13	1.09	-.60	-1.82	.94	.01
	ERI = 0	POWER	.00	-2.98	3.89	.05	.16	.95	-.00
.30	NR = 1.00	1.06	5450	17200	.96	1133	135.3	504	1765
	P2 =15.64	RAM	1.00	2.11	-1.23	-.00	1.01	1.00	-.00
	T2 = 569	BLEED	.74	-5.05	4.27	-.61	-1.84	.74	-.00
	ERI = 0	POWER	.69	-3.29	4.09	.05	.15	.69	-.00
.60	NR = 1.00	1.28	12400	15700	1.14	1162	149.4	572	1765
	P2 =18.75	RAM	1.00	1.91	-1.00	-.00	1.00	1.00	.00
	T2 = 599	BLEED	.46	-5.37	4.55	-.60	-1.91	.46	-.00
	ERI = 0	POWER	.31	-2.77	3.46	.04	.14	.31	.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.87	16104	1235	1264	22500	22500	.715	500	15.1
	RAM	1.01	1.01	.01	-.20	1.75	1.75	-.81	-.00	.00
	BLEED	-2.95	-1.07	-.95	2.82	-2.81	-2.81	1.82	.94	-37.53
	POWER	-2.57	.70	-.58	3.45	-1.30	-1.30	2.03	.95	-63.10
.30	1.06	1.94	16593	1234	1267	24200	18800	.88	496	6.6
	RAM	1.01	1.01	.00	-.16	1.70	1.90	-.98	.00	.00
	BLEED	-2.90	-1.11	-.86	2.53	-2.77	-3.78	2.84	.74	.00
	POWER	-2.45	.67	-.45	3.12	-1.27	-1.84	2.56	.69	.00
.60	1.28	2.15	17915	1232	1281	30200	17900	1.00	482	6.6
	RAM	1.00	1.00	.00	-.04	1.59	1.99	-1.10	-.00	.00
	BLEED	-2.79	-1.18	-.74	1.89	-2.61	-4.73	3.82	.46	.00
	POWER	-2.04	.59	-.25	2.18	-1.04	-1.97	2.62	.31	.00

GEI 94219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	12200	.770	1014	91.0	381	1511
	P2 =14.70	RAM	.00	2.68	-1.61	.02	1.07	1.68	.12
	T2 = 559	BLEED	.00	-.33	3.04	-.39	-1.10	.18	2.43
	ERI = 0	POWER	.00	1.37	5.44	.43	1.62	-.65	3.44
.30	NR = 1.00	1.06	4340	8830	1.07	1021	93.4	401	1502
	P2 =15.64	RAM	1.25	2.19	-1.73	-.02	.92	1.25	-.24
	T2 = 569	BLEED	.14	-.71	3.42	-.41	-1.16	.14	2.41
	ERI = 0	POWER	-.55	2.66	4.62	.45	1.72	-.55	3.69
.60	NR = 1.00	1.28	9830	6490	1.44	1042	99.7	455	1450
	P2 =18.75	RAM	1.10	2.40	-2.16	-.03	.88	1.10	-.30
	T2 = 599	BLEED	.07	-1.50	4.56	-.40	-1.23	.07	2.47
	ERI = 0	POWER	-.30	4.96	2.68	.44	1.73	-.30	3.67

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.50	9359	1063	1249	13500	13500	.695	395	15.1
	RAM	.96	1.28	-.20	.00	2.68	2.68	-1.61	.71	.00
	BLEED	-.18	2.70	1.21	.00	-.33	-.33	3.04	.18	.00
	POWER	.41	6.85	2.73	.00	1.37	1.37	5.44	-.65	.00
.30	1.06	1.54	9446	1053	1249	14600	10200	.92	395	15.1
	RAM	.72	.64	-.29	.00	1.88	2.14	-1.68	.26	.00
	BLEED	-.23	2.68	1.17	.00	-.43	-.67	3.38	.14	.00
	POWER	.70	7.35	2.83	.00	1.60	2.51	4.77	-.55	.00
.60	1.28	1.66	9321	1021	1249	18100	8240	1.13	383	15.1
	RAM	.72	.50	-.26	.00	1.62	2.24	-1.96	.11	.00
	BLEED	-.23	2.96	1.16	.00	-.56	-1.30	4.34	.07	.00
	POWER	.80	7.71	2.60	.00	1.79	4.29	3.34	-.30	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	4820	.90	905	57.8	288	1205
	P2 =14.70	RAM	.00	2.87	-3.54	-.07	.75	1.93	-.65
	T2 = 559	BLEED	.00	-.68	4.06	-.42	-1.21	.05	2.47
	ERI = 0	POWER	.00	3.14	10.72	.69	2.87	-.41	5.91
.30	NR = 1.00	1.06	3330	2010	2.05	912	59.1	308	1166
	P2 =15.64	RAM	1.57	3.41	-4.75	-.08	.68	1.57	-.80
	T2 = 569	BLEED	.05	-2.05	5.77	-.44	-1.29	.05	2.46
	ERI = 0	POWER	-.28	8.71	5.52	.69	2.86	-.28	5.86
.60	NR = 1.00	1.28	7660	-890	-3.880	932	62.6	354	1053
	P2 =18.75	RAM	1.10	-2.77	1.84	-.06	.70	1.10	-.73
	T2 = 599	BLEED	.03	6.76	-1.94	-.40	-1.34	.03	2.42
	ERI = 0	POWER	-.07	-21.89	40.75	.53	2.64	-.07	5.27

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.14	4330	870	1587	5330	5330	.81	298	6.6
	RAM	.36	-.16	-.81	.00	2.87	2.87	-3.54	.98	.00
	BLEED	-.08	3.34	1.15	.00	-.68	-.68	4.06	.05	.00
	POWER	.40	13.97	3.97	.00	3.14	3.14	10.72	-.41	.00
.30	1.06	1.16	4130	846	1587	5920	2590	1.60	303	6.6
	RAM	.32	-.53	-.74	.00	2.27	3.16	-4.38	.60	.00
	BLEED	-.10	3.54	1.09	.00	-.74	-1.76	5.44	.05	.00
	POWER	.42	14.37	3.74	.00	3.10	7.47	6.75	-.28	.00
.60	1.28	1.19	3436	799	1587	7500	-160	-21.110	298	6.6
	RAM	.27	-.68	-.47	.00	1.60	-22.21	10.20	.10	.00
	BLEED	-.15	4.62	1.01	.00	-.85	40.59	-22.35	.03	.00
	POWER	.46	15.91	3.00	.00	2.78	-131.46	260.99	-.07	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	1510	1.73	806	37.0	204	1161
	P2 =14.70	RAM	.00	4.05	-6.86	-.16	.46	2.83	-1.28
	T2 = 559	BLEED	.00	-.83	4.13	-.48	-1.25	.03	2.51
	ERI = 0	POWER	.00	6.99	20.48	1.39	5.12	-.24	11.73
.30	NR = 1.00	1.06	2370	-710	-3.205	808	37.2	220	1084
	P2 =15.64	RAM	1.52	.50	-2.72	-.18	.37	1.52	-1.48
	T2 = 569	BLEED	.02	2.29	1.26	-.52	-1.36	.02	2.45
	ERI = 0	POWER	-.08	-16.18	47.93	1.41	5.21	-.08	11.76
.60	NR = 1.00	1.28	5530	-3390	-.455	814	38.3	256	915
	P2 =18.75	RAM	1.11	.87	-3.76	-.16	.42	1.11	-1.29
	T2 = 599	BLEED	.02	.70	4.78	-.53	-1.48	.02	2.29
	ERI = 0	POWER	-.05	-3.90	47.15	1.44	5.46	-.05	11.73

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 0 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.03	2603	821	2400	1660	1660	1.57	212	6.6
	RAM	.11	-1.42	-1.57	.00	4.04	4.04	-6.84	1.93	.00
	BLEED	-.03	3.25	1.09	.00	-.83	-.83	4.13	.03	.00
	POWER	.18	27.67	7.30	.00	6.97	6.97	20.50	-.24	.00
.30	1.06	1.03	2285	782	2400	1830	-540	-4.235	216	6.6
	RAM	.07	-2.15	-1.08	.00	1.95	.06	-2.21	.55	.00
	BLEED	-.05	3.60	.98	.00	-.95	3.31	.27	.02	.00
	POWER	.20	30.65	6.79	.00	6.81	-23.49	56.00	-.08	.00
.60	1.28	1.04	1539	722	2400	2350	-3170	-.485	215	6.6
	RAM	.06	-2.72	-.69	.00	1.48	.84	-3.71	.11	.00
	BLEED	-.04	5.52	.84	.00	-1.06	.82	4.65	.02	.00
	POWER	.21	42.99	5.81	.00	6.05	-4.57	47.88	-.05	.00

7. 5000 FEET

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 5000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	39600	2.17	1081	130.4	470	1765
	P2 =12.23	RAM	.00	1.67	-.78	-.00	1.01	1.00	-.00
	T2 = 501	BLEED	.00	-3.35	1.71	-.68	-1.96	.29	-.01
	ERI = 0	POWER	.00	-1.79	2.07	.05	.16	.35	-.02
.30	NR = 1.00	1.06	5050	36600	2.46	1091	136.5	494	1765
	P2 =13.02	RAM	1.00	1.79	-.91	.00	1.01	1.00	-.00
	T2 = 510	BLEED	.19	-3.40	1.76	-.66	-1.96	.19	-.00
	ERI = 0	POWER	.22	-1.27	1.52	.05	.15	.22	-.00
.60	NR = 1.00	1.28	11600	41700	2.43	1124	155.8	567	1765
	P2 =15.60	RAM	1.00	1.76	-.88	-.00	1.01	1.00	.00
	T2 = 537	BLEED	.06	-4.16	1.32	-.57	-1.90	.06	-.00
	ERI = 0	POWER	.03	-1.62	.80	.04	.12	.03	-.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 5000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	2.01	86136	3331	2297	40100	40100	2.15	555	6.6
	RAM	1.01	.96	-.01	-.13	1.67	1.67	-.78	.00	.00
	BLEED	-3.22	-1.73	-.75	2.42	-3.35	-3.35	1.71	.29	.00
	POWER	-2.95	.25	-.22	3.41	-1.79	-1.79	2.07	.35	.00
.30	1.06	2.10	89832	3326	2311	43100	38100	2.36	553	6.6
	RAM	1.01	.96	-.01	-.03	1.63	1.71	-.82	.00	.00
	BLEED	-3.14	-1.73	-.69	1.94	-3.23	-3.68	2.06	.19	.00
	POWER	-2.71	.24	-.14	2.80	-1.59	-1.83	2.10	.22	.00
.60	1.28	2.36	101492	3321	2353	54500	42900	2.36	543	6.6
	RAM	1.01	.96	-.01	-.02	1.53	1.67	-.77	.00	.00
	BLEED	-3.04	-2.92	-1.21	1.36	-3.29	-4.20	1.36	.06	.00
	POWER	-2.17	-.84	-.53	1.83	-1.46	-1.87	1.05	.03	.00

GEI 04210

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 5000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR	= 1.00	1.00	0	36700	1.82	1081	130.4	470	1765
	P2	=12.23	RAM	.00	1.65	-.75	-.00	1.01	1.00	-.00
	T2	= 501	BLEED	.00	-3.28	1.66	-.68	-1.96	.29	-.01
	ERI	= 0	POWER	.00	-1.66	1.97	.05	.16	.35	-.02
.30	NR	= 1.00	1.06	5050	32400	2.14	1091	136.5	494	1765
	P2	=13.02	RAM	1.00	1.82	-.94	.00	1.01	1.00	-.00
	T2	= 510	BLEED	.19	-3.47	1.86	-.66	-1.96	.19	-.00
	ERI	= 0	POWER	.22	-1.17	1.45	.05	.15	.22	-.00
.60	NR	= 1.00	1.28	11600	36600	2.15	1124	155.8	567	1765
	P2	=15.60	RAM	1.00	1.82	-.94	-.00	1.01	1.00	.00
	T2	= 537	BLEED	.06	-3.76	2.22	-.57	-1.90	.06	-.00
	ERI	= 0	POWER	.03	-1.11	1.34	.04	.12	.03	-.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 5000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	2.04	66679	2866	2074	37100	37100	1.80	555	6.6
	RAM	1.01	.97	-.01	-.10	1.65	1.65	-.75	.00	.00
	BLEED	-3.13	-1.70	-.88	2.14	-3.28	-3.28	1.66	.29	.00
	POWER	-2.84	.28	-.25	3.05	-1.66	-1.66	1.97	.35	.00
.30	1.06	2.13	69537	2861	2086	39900	34800	2.00	553	6.6
	RAM	1.01	.97	-.01	-.02	1.61	1.70	-.80	.00	.00
	BLEED	-3.06	-1.70	-.81	1.80	-3.16	-3.65	2.06	.19	.00
	POWER	-2.60	.26	-.16	2.68	-1.48	-1.73	2.03	.22	.00
.60	1.28	2.40	78535	2854	2122	50400	38700	2.03	543	6.6
	RAM	1.01	.97	-.01	-.02	1.52	1.67	-.76	.00	.00
	BLEED	-3.04	-1.67	-.67	1.72	-2.92	-3.81	2.27	.06	.00
	POWER	-2.15	.21	-.01	2.12	-1.11	-1.45	1.69	.03	.00

GEI 84210

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 5000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR	= 1.00	1.00	0	32700	1.44	1081	130.4	470	1765
	P2	=12.23	RAM	.00	1.63	-.71	-.00	1.01	1.00	-.00
	T2	= 501	BLEED	.00	-3.15	1.58	-.68	-1.96	.29	-.01
	ERI	= 0	POWER	.00	-1.53	1.89	.05	.16	.35	-.02
.30	NR	= 1.00	1.06	5050	27100	1.82	1091	136.5	494	1765
	P2	=13.02	RAM	1.00	1.70	-.79	.00	1.01	1.00	-.00
	T2	= 510	BLEED	.19	-3.66	2.12	-.66	-1.96	.19	-.00
	ERI	= 0	POWER	.22	-1.67	2.02	.05	.15	.22	-.00
.60	NR	= 1.00	1.28	11600	29600	1.88	1124	155.8	567	1765
	P2	=15.60	RAM	1.00	1.92	-1.04	-.00	1.01	1.00	.00
	T2	= 537	BLEED	.06	-3.81	2.32	-.57	-1.90	.06	-.00
	ERI	= 0	POWER	.03	-.85	1.12	.04	.12	.03	-.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 5000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	2.08	47223	2294	1803	33100	33100	1.43	555	6.6
	RAM	1.01	.98	-.01	-.05	1.63	1.63	-.71	.00	.00
	BLEED	-3.06	-1.65	-.89	1.91	-3.15	-3.15	1.58	.29	.00
	POWER	-2.72	.33	-.26	2.84	-1.53	-1.53	1.89	.35	.00
.30	1.06	2.17	49242	2291	1813	35600	30500	1.61	553	6.6
	RAM	1.01	.98	-.00	-.02	1.59	1.69	-.78	.00	.00
	BLEED	-3.00	-1.66	-.82	1.73	-3.06	-3.59	2.05	.19	.00
	POWER	-2.50	.32	-.17	2.56	-1.37	-1.64	1.98	.22	.00
.60	1.28	2.44	55579	2289	1843	44900	33300	1.67	543	6.6
	RAM	1.01	.98	-.01	-.02	1.50	1.68	-.76	.00	.00
	BLEED	-2.97	-1.62	-.69	1.68	-2.83	-3.84	2.35	.06	.00
	POWER	-2.06	.25	-.03	2.05	-1.04	-1.42	1.70	.03	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 5000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	27500	1.01	1081	130.4	470	1765
	P2 =12.23	RAM	.00	1.62	-.66	-.00	1.01	1.00	-.00
	T2 = 501	BLEED	.00	-3.02	1.55	-.68	-1.96	.29	-.01
	ERI = 0	POWER	.00	-1.40	1.89	.05	.16	.35	-.02
.30	NR = 1.00	1.06	5050	21900	1.32	1091	136.5	494	1765
	P2 =13.02	RAM	1.00	1.71	-.77	.00	1.01	1.00	-.00
	T2 = 510	BLEED	.19	-3.66	2.24	-.66	-1.96	.19	-.00
	ERI = 0	POWER	.22	-1.61	2.08	.05	.15	.22	-.00
.60	NR = 1.00	1.28	11600	22400	1.45	1124	155.8	567	1765
	P2 =15.60	RAM	1.00	1.75	-.81	-.00	1.01	1.00	.00
	T2 = 537	BLEED	.06	-4.18	2.86	-.57	-1.90	.06	-.00
	ERI = 0	POWER	.03	-1.51	1.89	.04	.12	.03	-.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 5000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	2.12	27767	1624	1478	27800	27800	1.00	555	6.6
	RAM	1.01	1.01	.01	-.03	1.62	1.62	-.66	.00	.00
	BLEED	-2.99	-1.54	-.88	1.83	-3.02	-3.02	1.55	.29	.00
	POWER	-2.61	.46	-.28	2.75	-1.40	-1.40	1.89	.35	.00
.30	1.06	2.21	28947	1625	1486	29900	24800	1.17	553	6.6
	RAM	1.01	1.01	.01	-.03	1.58	1.70	-.75	.00	.00
	BLEED	-2.93	-1.54	-.81	1.71	-2.94	-3.57	2.15	.19	.00
	POWER	-2.40	.44	-.20	2.46	-1.27	-1.58	2.04	.22	.00
.60	1.28	2.49	32622	1630	1511	37700	26100	1.25	543	6.6
	RAM	1.01	1.01	.01	-.03	1.49	1.71	-.77	.00	.00
	BLEED	-2.90	-1.51	-.69	1.64	-2.74	-3.98	2.63	.06	.00
	POWER	-1.98	.35	-.07	1.94	-.99	-1.44	1.82	.03	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 5000 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	23800	.705	1081	130.4	470	1765
	P2 =12.23	RAM	.00	1.60	-.64	-.00	1.01	1.00	-.00
	T2 = 501	BLEED	.00	-2.88	1.70	-.68	-1.96	.29	-.01
	ERI = 0	POWER	.00	-1.34	2.02	.05	.16	.35	-.02
.30	NR = 1.00	1.06	5050	18900	.92	1091	136.5	494	1765
	P2 =13.02	RAM	1.00	1.62	-.66	.00	1.01	1.00	-.00
	T2 = 510	BLEED	.19	-3.87	2.76	-.66	-1.96	.19	-.00
	ERI = 0	POWER	.22	-2.20	2.88	.05	.15	.22	-.00
.60	NR = 1.00	1.28	11600	18600	1.05	1124	155.8	567	1765
	P2 =15.60	RAM	1.00	2.06	-1.17	-.00	1.01	1.00	.00
	T2 = 537	BLEED	.06	-4.39	3.37	-.57	-1.90	.06	-.00
	ERI = 0	POWER	.03	-1.27	1.80	.04	.12	.03	-.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 5000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	2.15	16790	1225	1267	24000	24000	.700	555	6.6
	RAM	1.01	1.01	.00	-.05	1.60	1.60	-.64	.00	.00
	BLEED	-2.95	-1.26	-.75	1.90	-2.88	-2.88	1.70	.29	.00
	POWER	-2.55	.66	-.30	2.70	-1.34	-1.34	2.02	.35	.00
.30	1.06	2.24	17458	1226	1273	25900	20800	.84	553	6.6
	RAM	1.01	1.01	.00	-.05	1.56	1.70	-.76	.00	.00
	BLEED	-2.89	-1.27	-.70	1.78	-2.81	-3.54	2.40	.19	.00
	POWER	-2.34	.62	-.23	2.42	-1.22	-1.57	2.23	.22	.00
.60	1.28	2.52	19512	1233	1294	32700	21000	.93	543	15.1
	RAM	1.01	1.01	.00	-.05	1.48	1.74	-.81	.00	.00
	BLEED	-2.87	-1.24	-.61	1.70	-2.64	-4.13	3.08	.06	.00
	POWER	-1.93	.51	-.13	1.90	-.97	-1.52	2.06	.03	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 5000 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	34600	2.30	1129	121.0	441	1765
	P2 =12.23	RAM	.00	1.85	-.68	-.00	1.01	1.00	.00
	T2 = 541	BLEED	.00	-5.04	-1.67	-.55	-1.89	.05	.00
	ERI = 0	POWER	.00	-4.02	-2.86	.05	.15	.01	-.00
.30	NR = 1.00	1.06	4920	31600	2.63	1142	126.7	462	1765
	P2 =13.02	RAM	1.00	2.08	-.87	-.00	1.01	1.00	.00
	T2 = 551	BLEED	.06	-6.17	-.81	-.53	-1.86	.06	.01
	ERI = 0	POWER	-.01	-4.91	-2.39	.03	.14	-.01	.00
.60	NR = 1.00	1.28	11200	35200	2.58	1178	144.0	528	1765
	P2 =15.60	RAM	1.00	1.90	-.98	-.00	1.01	1.00	.00
	T2 = 580	BLEED	.13	-6.16	.05	-.53	-1.83	.13	-.01
	ERI = 1	POWER	.01	-4.29	-1.33	.03	.13	.01	.01

GET 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 5000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.82	79762	3329	2397	35000	35000	2.28	541	6.6
	RAM	.99	1.23	.14	-.03	1.85	1.85	-.68	.00	.00
	BLEED	-2.78	-6.58	-3.31	.10	-5.04	-5.04	-1.67	.05	.00
	POWER	-2.38	-6.79	-3.66	.25	-4.02	-4.02	-2.86	.01	.00
.30	1.06	1.90	83180	3328	2402	37800	32900	2.53	538	6.6
	RAM	.99	1.30	.17	.01	1.81	1.94	-.70	.00	.00
	BLEED	-2.73	-6.91	-3.49	-.11	-4.97	-5.72	-1.30	.06	.00
	POWER	-2.18	-7.19	-3.90	-.06	-3.95	-4.54	-2.76	-.01	.00
.60	1.28	2.13	90899	3278	2402	47600	36400	2.50	526	6.6
	RAM	1.01	1.02	.02	-.00	1.63	1.82	-.88	.00	.00
	BLEED	-2.81	-6.12	-3.23	-.03	-4.47	-5.89	-.25	.13	.00
	POWER	-1.96	-5.56	-3.26	-.06	-3.12	-4.08	-1.54	.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 5000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	32100	1.92	1129	121.0	441	1765
	P2 =12.23	RAM	.00	1.76	-.87	-.00	1.01	1.00	.00
	T2 = 541	BLEED	.00	-3.67	2.15	-.55	-1.89	.05	.00
	ERI = 0	POWER	.00	-2.10	2.41	.05	.15	.01	-.00
.30	NR = 1.00	1.06	4920	27900	2.30	1142	126.7	462	1765
	P2 =13.02	RAM	1.00	1.89	-1.03	-.00	1.01	1.00	.00
	T2 = 551	BLEED	.06	-3.84	2.36	-.53	-1.86	.06	.01
	ERI = 0	POWER	-.01	-1.57	1.85	.03	.14	-.01	.00
.60	NR = 1.00	1.28	11200	31100	2.32	1178	144.0	528	1765
	P2 =15.60	RAM	1.00	1.93	-1.07	-.00	1.01	1.00	.00
	T2 = 580	BLEED	.13	-4.03	2.60	-.53	-1.83	.13	-.01
	ERI = 0	POWER	.01	-1.38	1.63	.03	.13	.01	.01

GET 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 5000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.86	61605	2863	2157	32500	32500	1.90	541	6.6
	RAM	1.01	.96	-.01	-.13	1.76	1.76	-.87	.00	.00
	BLEED	-3.05	-1.64	-.70	2.07	-3.67	-3.67	2.15	.05	.00
	POWER	-2.74	.27	-.06	2.91	-2.10	-2.10	2.41	.01	.00
.30	1.06	1.93	64238	2862	2161	35000	30100	2.13	538	6.6
	RAM	1.01	.96	-.01	-.14	1.71	1.83	-.95	.00	.00
	BLEED	-3.03	-1.62	-.66	2.08	-3.50	-4.08	2.62	.06	.00
	POWER	-2.59	.25	-.03	2.82	-1.89	-2.20	2.50	-.01	.00
.60	1.28	2.17	72190	2857	2186	44400	33100	2.18	526	6.6
	RAM	1.01	.97	-.01	-.02	1.60	1.80	-.91	.00	.00
	BLEED	-3.09	-1.59	-.69	1.83	-3.12	-4.22	2.81	.13	.00
	POWER	-2.30	.22	-.04	2.25	-1.39	-1.87	2.14	.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 5000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	28800	1.51	1129	121.0	441	1765
	P2 =12.23	RAM	.00	1.73	-.83	-.00	1.01	1.00	.00
	T2 = 541	BLEED	.00	-3.53	2.04	-.55	-1.89	.05	.00
	ERI = 0	POWER	.00	-1.98	2.34	.05	.15	.01	-.00
.30	NR = 1.00	1.06	4920	23400	1.93	1142	126.7	462	1765
	P2 =13.02	RAM	1.00	1.83	-.94	-.00	1.01	1.00	.00
	T2 = 551	BLEED	.06	-4.03	2.62	-.53	-1.86	.06	.01
	ERI = 0	POWER	-.01	-2.12	2.47	.03	.14	-.01	.00
.60	NR = 1.00	1.28	11200	24900	2.04	1178	144.0	528	1765
	P2 =15.60	RAM	1.00	2.06	-1.20	-.00	1.01	1.00	.00
	T2 = 580	BLEED	.13	-4.09	2.70	-.53	-1.83	.13	-.01
	ERI = 0	POWER	.01	-1.15	1.44	.03	.13	.01	.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 5000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.89	43448	2293	1869	29100	29100	1.49	541	6.6
	RAM	1.01	.98	-.00	-.13	1.73	1.73	-.83	.00	.00
	BLEED	-2.98	-1.60	-.71	1.97	-3.53	-3.53	2.04	.05	.00
	POWER	-2.63	.32	-.07	2.84	-1.98	-1.98	2.34	.01	.00
.30	1.06	1.97	45295	2294	1873	31400	26400	1.71	538	6.6
	RAM	1.01	.98	-.01	-.14	1.69	1.82	-.92	.00	.00
	BLEED	-2.96	-1.57	-.68	2.00	-3.36	-4.00	2.58	.06	.00
	POWER	-2.49	.30	-.04	2.69	-1.76	-2.08	2.43	-.01	.00
.60	1.28	2.21	50857	2294	1899	39700	28400	1.79	526	6.6
	RAM	1.01	.98	-.00	-.02	1.58	1.81	-.91	.00	.00
	BLEED	-3.01	-1.55	-.70	1.77	-3.00	-4.24	2.88	.13	.00
	POWER	-2.21	.27	-.05	2.15	-1.30	-1.82	2.13	.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 5000 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	24300	1.04	1129	121.0	441	1765
	P2 =12.23	RAM	.00	1.71	-.77	-.00	1.01	1.00	.00
	T2 = 541	BLEED	.00	-3.37	1.97	-.55	-1.89	.05	.00
	ERI = 0	POWER	.00	-1.84	2.33	.05	.15	.01	-.00
.30	NR = 1.00	1.06	4920	19000	1.39	1142	126.7	462	1765
	P2 =13.02	RAM	1.00	1.84	-.92	-.00	1.01	1.00	.00
	T2 = 551	BLEED	.06	-4.08	2.78	-.53	-1.86	.06	.01
	ERI = 0	POWER	-.01	-2.06	2.53	.03	.14	-.01	.00
.60	NR = 1.00	1.28	11200	19000	1.56	1178	144.0	528	1765
	P2 =15.60	RAM	1.00	1.90	-.98	-.00	1.01	1.00	.00
	T2 = 580	BLEED	.13	-4.67	3.49	-.53	-1.83	.13	-.01
	ERI = 0	POWER	.01	-1.94	2.37	.03	.13	.01	.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 5000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.93	25291	1627	1531	24500	24500	1.03	541	6.6
	RAM	1.01	1.01	.01	-.14	1.71	1.71	-.77	.00	.00
	BLEED	-2.91	-1.50	-.70	1.93	-3.37	-3.37	1.97	.05	.00
	POWER	-2.53	.45	-.11	2.71	-1.84	-1.84	2.33	.01	.00
.30	1.06	2.01	26352	1630	1534	26400	21500	1.23	538	6.6
	RAM	1.01	1.01	.01	-.13	1.67	1.82	-.89	.00	.00
	BLEED	-2.89	-1.47	-.68	1.92	-3.23	-3.98	2.67	.06	.00
	POWER	-2.39	.42	-.09	2.49	-1.64	-2.01	2.48	-.01	.00
.60	1.28	2.26	29524	1637	1558	33400	22200	1.33	526	6.6
	RAM	1.01	1.01	.01	-.02	1.57	1.85	-.93	.00	.00
	BLEED	-2.93	-1.43	-.69	1.71	-2.88	-4.41	3.19	.13	.00
	POWER	-2.11	.38	-.09	2.03	-1.21	-1.84	2.26	.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 5000 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.00	NR = 1.00	1.00	0	21100	.715	1129	121.0	441	1765
	P2 =12.23	RAM	.00	1.69	-.74	-.00	1.01	1.00	.00
	T2 = 541	BLEED	.00	-3.25	2.11	-.55	-1.89	.05	.00
	ERI = 0	POWER	.00	-1.78	2.47	.05	.15	.01	-.00
.30	NR = 1.00	1.06	4920	16400	.96	1142	126.7	462	1765
	P2 =13.02	RAM	1.00	1.80	-.87	-.00	1.01	1.00	.00
	T2 = 551	BLEED	.06	-3.56	2.50	-.53	-1.86	.06	.01
	ERI = 0	POWER	-.01	-1.47	2.12	.03	.14	-.01	.00
.60	NR = 1.00	1.28	11200	15500	1.12	1178	144.0	528	1765
	P2 =15.60	RAM	1.00	1.82	-.89	-.00	1.01	1.00	.00
	T2 = 580	BLEED	.13	-3.80	2.81	-.53	-1.83	.13	-.01
	ERI = 0	POWER	.01	-.84	1.41	.03	.13	.01	.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 5000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.00	1.00	1.96	15106	1234	1314	21300	21300	.710	541	6.6
	RAM	1.01	1.01	.00	-.15	1.69	1.69	-.74	.00	.00
	BLEED	-2.88	-1.24	-.61	1.98	-3.25	-3.25	2.11	.05	85.86
	POWER	-2.46	.65	-.16	2.63	-1.78	-1.78	2.47	.01	150.20
.30	1.06	2.04	15688	1237	1319	23000	18100	.87	538	6.6
	RAM	1.01	1.01	.00	-.12	1.65	1.83	-.90	.00	.00
	BLEED	-2.86	-1.20	-.59	1.86	-3.11	-3.97	2.94	.06	85.86
	POWER	-2.33	.62	-.15	2.23	-1.59	-2.02	2.69	-.01	142.58
.60	1.28	2.29	17403	1245	1338	29100	17800	.98	526	15.1
	RAM	1.01	1.01	.00	-.04	1.55	1.89	-.97	.00	.00
	BLEED	-2.89	-1.15	-.60	1.76	-2.77	-4.60	3.70	.13	.00
	POWER	-2.06	.56	-.14	1.98	-1.18	-1.94	2.55	.01	.00

8. 15000 FEET

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR = 1.00	1.06	3450	26900	2.40	1035	96.2	349	1719
	P2 = 8.83	RAM	1.00	1.74	-.88	-.00	1.01	1.00	-.00
	T2 = 474	BLEED	.61	-3.14	1.53	-.67	-1.95	.61	.00
	ERI = 101	POWER	.96	-1.43	1.81	.07	.25	.96	.01
.40	NR = 1.00	1.12	4790	28600	2.36	1048	100.8	364	1738
	P2 = 9.26	RAM	1.00	1.73	-.86	-.00	1.01	1.00	-.00
	T2 = 480	BLEED	.55	-3.22	1.62	-.67	-1.95	.55	.01
	ERI = 101	POWER	.83	-1.42	1.81	.07	.24	.83	.02
.50	NR = 1.00	1.19	6320	30600	2.34	1065	107.0	384	1763
	P2 = 9.84	RAM	1.00	1.69	-.81	-.00	1.01	1.00	-.00
	T2 = 489	BLEED	.50	-3.20	1.58	-.67	-1.95	.50	.01
	ERI = 101	POWER	.71	-1.24	1.59	.06	.22	.71	.02
.60	NR = 1.00	1.28	8050	32200	2.34	1079	113.2	408	1765
	P2 =10.58	RAM	1.00	1.65	-.76	-.00	1.01	1.00	-.00
	T2 = 499	BLEED	.30	-3.24	1.60	-.68	-1.96	.30	-.01
	ERI = 0	POWER	.42	-1.32	1.63	.06	.19	.42	-.02
.90	NR = 1.00	1.69	15000	39600	2.30	1129	139.1	507	1765
	P2 =14.03	RAM	1.00	1.57	-.66	.00	1.01	1.00	-.00
	T2 = 541	BLEED	.06	-4.11	.77	-.55	-1.89	.06	.00
	ERI = 0	POWER	.01	-1.91	.30	.04	.13	.01	-.00
1.15	NR = .994	2.26	23700	46800	2.20	1190	170.8	627	1765
	P2 =18.76	RAM	1.01	1.21	-.85	-.00	1.00	1.01	-.00
	T2 = 589	BLEED	.15	-4.69	.54	-.53	-1.82	.15	-.01
	ERI = 0	POWER	.03	-2.11	-.07	.02	.10	.03	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.21	64543	3295	2276	31400	28000	2.31	556	6.6
	RAM	1.02	.94	-.00	-.02	1.58	1.65	-.78	.00	.00
	BLEED	-3.41	-1.68	-.98	2.44	-3.00	-3.45	1.87	.61	.00
	POWER	-4.19	.37	-.63	4.70	-1.90	-2.25	2.66	.96	.00
.40	1.12	2.32	67532	3313	2276	34400	29600	2.28	556	6.6
	RAM	1.01	.94	-.00	-.02	1.55	1.63	-.75	.00	.00
	BLEED	-3.39	-1.68	-.93	2.39	-2.90	-3.46	1.88	.55	.00
	POWER	-3.98	.36	-.51	4.44	-1.70	-2.10	2.50	.83	.00
.50	1.19	2.45	71534	3338	2273	37900	31600	2.26	557	6.6
	RAM	1.01	.95	-.00	-.03	1.51	1.61	-.72	.00	.00
	BLEED	-3.36	-1.69	-.87	2.34	-2.77	-3.42	1.82	.50	.00
	POWER	-3.68	.34	-.44	4.08	-1.46	-1.89	2.25	.71	.00
.60	1.28	2.57	75322	3334	2296	41200	33100	2.27	556	6.6
	RAM	1.01	.95	-.00	-.02	1.48	1.60	-.70	.00	.00
	BLEED	-3.23	-1.71	-.78	2.09	-2.73	-3.47	1.86	.30	.00
	POWER	-3.41	.29	-.29	3.61	-1.41	-1.85	2.17	.42	.00
.90	1.69	3.09	91013	3324	2360	55200	40200	2.26	542	6.6
	RAM	1.01	.96	-.01	-.02	1.39	1.54	-.62	.00	.00
	BLEED	-3.01	-3.39	-1.46	1.16	-3.01	-4.15	.81	.06	.00
	POWER	-2.37	-1.61	-.94	1.75	-1.50	-2.06	.46	.01	.00
1.15	2.26	3.72	102982	3205	2370	71300	47600	2.16	523	6.6
	RAM	1.05	.40	-.36	-.26	1.15	1.22	-.87	.00	.00
	BLEED	-2.99	-4.19	-2.13	.85	-3.09	-4.70	.55	.15	.00
	POWER	-1.86	-2.18	-1.37	1.03	-1.40	-2.11	-.07	.03	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR	= 1.00	1.06	3450	23900	2.09	1035	96.2	349	1719
	P2	= 8.83	RAM	1.00	1.78	-.91	-.00	1.01	1.00	-.00
	T2	= 474	BLEED	.61	-3.19	1.61	-.67	-1.95	.61	.00
	ERI	= 101	POWER	.96	-1.26	1.69	.07	.25	.96	.01
.40	NR	= 1.00	1.12	4790	25300	2.06	1048	100.8	364	1738
	P2	= 9.26	RAM	1.00	1.77	-.90	-.00	1.01	1.00	-.00
	T2	= 480	BLEED	.55	-3.29	1.71	-.67	-1.95	.55	.01
	ERI	= 101	POWER	.83	-1.26	1.68	.07	.24	.83	.02
.50	NR	= 1.00	1.19	6320	27000	2.05	1065	107.0	384	1763
	P2	= 9.84	RAM	1.00	1.72	-.84	-.00	1.01	1.00	-.00
	T2	= 489	BLEED	.50	-3.22	1.63	-.67	-1.95	.50	.01
	ERI	= 101	POWER	.71	-1.03	1.42	.06	.22	.71	.02
.60	NR	= 1.00	1.28	8050	28400	2.05	1079	113.2	408	1765
	P2	=10.58	RAM	1.00	1.70	-.81	-.00	1.01	1.00	-.00
	T2	= 499	BLEED	.30	-3.34	1.74	-.68	-1.96	.30	-.01
	ERI	= 0	POWER	.42	-1.18	1.51	.06	.19	.42	-.02
.90	NR	= 1.00	1.69	15000	34700	2.03	1129	139.1	507	1765
	P2	=14.03	RAM	1.00	1.62	-.71	.00	1.01	1.00	-.00
	T2	= 541	BLEED	.06	-3.48	1.93	-.55	-1.89	.06	.00
	ERI	= 0	POWER	.01	-1.04	1.29	.04	.13	.01	-.00
1.15	NR	= .994	2.26	23700	42500	2.00	1190	170.8	627	1765
	P2	=18.76	RAM	1.01	1.53	-.60	-.00	1.00	1.01	-.00
	T2	= 589	BLEED	.15	-3.58	2.10	-.53	-1.82	.15	-.01
	ERI	= 0	POWER	.03	-.94	1.14	.02	.10	.03	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.25	49819	2834	2055	29000	25600	1.95	556	6.6
	RAM	1.02	.95	-.01	-.03	1.57	1.64	-.75	.00	.00
	BLEED	-3.31	-1.66	-1.13	2.27	-2.95	-3.43	1.87	.61	.00
	POWER	-4.02	.41	-.71	4.48	-1.76	-2.12	2.58	.96	.00
.40	1.12	2.35	52168	2852	2056	31800	27000	1.94	556	6.6
	RAM	1.01	.95	-.01	-.02	1.53	1.62	-.73	.00	.00
	BLEED	-3.29	-1.66	-1.07	2.23	-2.86	-3.46	1.90	.55	.00
	POWER	-3.82	.41	-.58	4.24	-1.58	-2.00	2.44	.83	.00
.50	1.19	2.49	55316	2875	2053	35000	28700	1.93	557	6.6
	RAM	1.01	.96	-.01	-.03	1.49	1.60	-.70	.00	.00
	BLEED	-3.26	-1.67	-1.03	2.20	-2.74	-3.45	1.88	.50	.00
	POWER	-3.54	.38	-.50	3.90	-1.36	-1.81	2.22	.71	.00
.60	1.28	2.62	58251	2871	2073	38000	29900	1.95	556	6.6
	RAM	1.01	.96	-.01	-.03	1.47	1.59	-.69	.00	.00
	BLEED	-3.15	-1.69	-.91	1.95	-2.70	-3.51	1.93	.30	.00
	POWER	-3.28	.32	-.32	3.46	-1.32	-1.78	2.14	.42	.00
.90	1.69	3.15	70364	2858	2128	50800	35800	1.96	542	6.6
	RAM	1.01	.97	-.01	-.02	1.38	1.54	-.62	.00	.00
	BLEED	-3.04	-1.65	-.68	1.71	-2.50	-3.57	2.03	.06	.00
	POWER	-2.39	.24	-.03	2.33	-.93	-1.32	1.58	.01	.00
1.15	2.26	3.77	84904	2850	2188	66900	43200	1.97	523	6.6
	RAM	1.01	.97	-.02	-.02	1.32	1.49	-.56	.00	.00
	BLEED	-3.12	-1.59	-.66	1.89	-2.25	-3.56	2.08	.15	.00
	POWER	-1.97	.19	-.02	1.95	-.63	-.99	1.19	.03	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR = 1.00	1.06	3450	19800	1.77	1035	96.2	349	1719
	P2 = 8.83	RAM	1.00	1.65	-.74	-.00	1.01	1.00	-.00
	T2 = 474	BLEED	.61	-3.42	1.90	-.67	-1.95	.61	.00
	ERI = 101	POWER	.96	-2.02	2.55	.07	.25	.96	.01
.40	NR = 1.00	1.12	4790	20700	1.78	1048	100.8	364	1738
	P2 = 9.26	RAM	1.00	1.64	-.73	-.00	1.01	1.00	-.00
	T2 = 480	BLEED	.55	-3.33	1.81	-.67	-1.95	.55	.01
	ERI = 101	POWER	.83	-1.04	1.53	.07	.24	.83	.02
.50	NR = 1.00	1.19	6320	22000	1.78	1065	107.0	384	1763
	P2 = 9.84	RAM	1.00	1.79	-.90	-.00	1.01	1.00	-.00
	T2 = 489	BLEED	.50	-3.11	1.57	-.67	-1.95	.50	.01
	ERI = 101	POWER	.71	-.61	1.06	.06	.22	.71	.02
.60	NR = 1.00	1.28	8050	23000	1.79	1079	113.2	408	1765
	P2 =10.58	RAM	1.00	1.80	-.91	-.00	1.01	1.00	-.00
	T2 = 499	BLEED	.30	-3.40	1.85	-.68	-1.96	.30	-.01
	ERI = 0	POWER	.42	-.91	1.31	.06	.19	.42	-.02
.90	NR = 1.00	1.69	15000	28000	1.77	1129	139.1	507	1765
	P2 =14.03	RAM	1.00	1.73	-.82	.00	1.01	1.00	-.00
	T2 = 541	BLEED	.06	-3.65	2.16	-.55	-1.89	.06	.00
	ERI = 0	POWER	.01	-.90	1.19	.04	.13	.01	-.00
1.15	NR = .994	2.26	23700	34200	1.75	1190	170.8	627	1765
	P2 =18.76	RAM	1.01	1.65	-.73	-.00	1.00	1.01	-.00
	T2 = 589	BLEED	.15	-3.69	2.28	-.53	-1.82	.15	-.01
	ERI = 0	POWER	.03	-.77	1.01	.02	.10	.03	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.29	35095	2260	1782	25800	22300	1.57	556	6.6
	RAM	1.01	.97	-.00	-.03	1.55	1.64	-.73	.00	.00
	BLEED	-3.22	-1.61	-1.12	2.21	-2.92	-3.35	1.83	.61	.00
	POWER	-3.85	.49	-.70	4.31	-1.58	-1.97	2.50	.96	.00
.40	1.12	2.39	36804	2276	1783	28200	23400	1.57	556	6.6
	RAM	1.01	.97	-.00	-.03	1.52	1.62	-.71	.00	.00
	BLEED	-3.21	-1.61	-1.07	2.17	-2.74	-3.42	1.90	.55	.00
	POWER	-3.66	.48	-.58	4.08	-1.42	-1.88	2.40	.83	.00
.50	1.19	2.54	39098	2297	1781	31100	24800	1.58	557	6.6
	RAM	1.01	.97	-.00	-.03	1.48	1.61	-.69	.00	.00
	BLEED	-3.19	-1.62	-1.03	2.13	-2.64	-3.44	1.91	.50	.00
	POWER	-3.39	.45	-.50	3.75	-1.23	-1.72	2.20	.71	.00
.60	1.28	2.66	41179	2295	1797	33700	25700	1.60	556	6.6
	RAM	1.01	.97	-.00	-.03	1.46	1.60	-.68	.00	.00
	BLEED	-3.07	-1.64	-.91	1.90	-2.62	-3.53	2.00	.30	.00
	POWER	-3.15	.38	-.33	3.33	-1.21	-1.73	2.14	.42	.00
.90	1.69	3.21	49715	2291	1845	45100	30100	1.65	542	6.6
	RAM	1.01	.98	-.01	-.01	1.37	1.56	-.63	.00	.00
	BLEED	-2.97	-1.61	-.69	1.66	-2.44	-3.68	2.20	.06	.00
	POWER	-2.30	.28	-.05	2.26	-.88	-1.32	1.62	.01	.00
1.15	2.26	3.85	59878	2291	1900	59400	35700	1.68	523	6.6
	RAM	1.01	.98	-.02	-.01	1.31	1.51	-.58	.00	.00
	BLEED	-3.04	-1.54	-.67	1.83	-2.19	-3.74	2.33	.15	.00
	POWER	-1.89	.23	-.04	1.87	-.60	-1.01	1.26	.03	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR	= 1.00	1.06	3450	16000	1.28	1035	96.2	349	1719
	P2	= 8.83	RAM	1.00	1.66	-.71	-.00	1.01	1.00	-.00
	T2	= 474	BLEED	.61	-3.39	1.98	-.67	-1.95	.61	.00
	ERI	= 101	POWER	.96	-1.90	2.62	.07	.25	.96	.01
.40	NR	= 1.00	1.12	4790	16400	1.30	1048	100.8	364	1738
	P2	= 9.26	RAM	1.00	1.66	-.71	-.00	1.01	1.00	-.00
	T2	= 480	BLEED	.55	-3.53	2.14	-.67	-1.95	.55	.01
	ERI	= 101	POWER	.83	-1.87	2.58	.07	.24	.83	.02
.50	NR	= 1.00	1.19	6320	17100	1.34	1065	107.0	384	1763
	P2	= 9.84	RAM	1.00	1.65	-.70	-.00	1.01	1.00	-.00
	T2	= 489	BLEED	.50	-3.63	2.25	-.67	-1.95	.50	.01
	ERI	= 101	POWER	.71	-1.77	2.42	.06	.22	.71	.02
.60	NR	= 1.00	1.28	8050	17400	1.39	1079	113.2	408	1765
	P2	=10.58	RAM	1.00	1.66	-.71	-.00	1.01	1.00	-.00
	T2	= 499	BLEED	.30	-3.82	2.43	-.68	-1.96	.30	-.01
	ERI	= 0	POWER	.42	-1.82	2.39	.06	.19	.42	-.02
.90	NR	= 1.00	1.69	15000	19200	1.51	1129	139.1	507	1765
	P2	=14.03	RAM	1.00	1.80	-.87	.00	1.01	1.00	-.00
	T2	= 541	BLEED	.06	-4.76	3.52	-.55	-1.89	.06	.00
	ERI	= 0	POWER	.01	-1.93	2.37	.04	.13	.01	-.00
1.15	NR	= .994	2.26	23700	22800	1.53	1190	170.8	627	1765
	P2	=18.76	RAM	1.01	1.89	-.97	-.00	1.00	1.01	-.00
	T2	= 589	BLEED	.15	-4.57	3.39	-.53	-1.82	.15	-.01
	ERI	= 0	POWER	.03	-.85	1.18	.02	.10	.03	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.33	20371	1583	1451	21500	18000	1.13	556	6.6
	RAM	1.01	1.01	.02	-.03	1.54	1.65	-.69	.00	.00
	BLEED	-3.14	-1.51	-1.09	2.19	-2.68	-3.31	1.89	.61	.00
	POWER	-3.68	.69	-.69	4.19	-1.40	-1.85	2.56	.96	.00
.40	1.12	2.44	21440	1599	1452	23500	18700	1.15	556	6.6
	RAM	1.01	1.01	.02	-.03	1.51	1.64	-.69	.00	.00
	BLEED	-3.13	-1.50	-1.04	2.16	-2.61	-3.42	2.02	.55	.00
	POWER	-3.51	.67	-.58	3.97	-1.26	-1.80	2.50	.83	.00
.50	1.19	2.59	22880	1619	1453	25900	19600	1.17	557	6.6
	RAM	1.01	1.01	.02	-.03	1.48	1.63	-.67	.00	.00
	BLEED	-3.11	-1.51	-1.00	2.12	-2.52	-3.49	2.09	.50	.00
	POWER	-3.25	.62	-.50	3.66	-1.10	-1.68	2.33	.71	.00
.60	1.28	2.72	24108	1621	1466	28100	20100	1.20	556	6.6
	RAM	1.01	1.01	.02	-.03	1.45	1.63	-.68	.00	.00
	BLEED	-3.00	-1.54	-.89	1.89	-2.52	-3.65	2.23	.30	.00
	POWER	-3.02	.53	-.34	3.25	-1.11	-1.72	2.29	.42	.00
.90	1.69	3.27	29066	1629	1508	37700	22700	1.28	542	6.6
	RAM	1.01	1.01	.01	-.00	1.37	1.61	-.65	.00	.00
	BLEED	-2.91	-1.50	-.69	1.59	-2.37	-3.97	2.63	.06	.00
	POWER	-2.20	.39	-.09	2.12	-.83	-1.39	1.81	.01	.00
1.15	2.26	3.93	34853	1640	1556	49800	26000	1.34	523	6.6
	RAM	1.01	1.01	-.00	-.00	1.31	1.58	-.63	.00	.00
	BLEED	-2.96	-1.42	-.67	1.74	-2.12	-4.19	2.96	.15	.00
	POWER	-1.81	.32	-.07	1.75	-.56	-1.10	1.44	.03	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	3450	13300	.92	1035	96.2	349	1719
	P2 =	8.83	RAM	1.00	1.66	-.71	-.00	1.01	1.00	-.00
	T2 =	474	BLEED	.61	-1.62	.41	-.67	-1.95	.61	.00
	ERI =	101	POWER	.96	2.14	-1.15	.07	.25	.96	.01
.40	NR =	1.00	1.12	4790	13700	.95	1048	100.8	364	1738
	P2 =	9.26	RAM	1.00	1.83	-.90	-.00	1.01	1.00	-.00
	T2 =	480	BLEED	.55	-2.72	1.57	-.67	-1.95	.55	.01
	ERI =	101	POWER	.83	-.10	1.05	.07	.24	.83	.02
.50	NR =	1.00	1.19	6320	14300	.97	1065	107.0	384	1763
	P2 =	9.84	RAM	1.00	1.59	-.63	-.00	1.01	1.00	-.00
	T2 =	489	BLEED	.50	-3.46	2.37	-.67	-1.95	.50	.01
	ERI =	101	POWER	.71	-.94	1.84	.06	.22	.71	.02
.60	NR =	1.00	1.28	8050	14600	1.00	1079	113.2	408	1765
	P2 =	10.58	RAM	1.00	1.94	-1.03	-.00	1.01	1.00	-.00
	T2 =	499	BLEED	.30	-3.92	2.83	-.68	-1.96	.30	-.01
	ERI =	0	POWER	.42	-1.41	2.20	.06	.19	.42	-.02
.90	NR =	1.00	1.69	15000	16400	1.06	1129	139.1	507	1765
	P2 =	14.03	RAM	1.00	1.89	-.97	.00	1.01	1.00	-.00
	T2 =	541	BLEED	.06	-4.56	3.57	-.55	-1.89	.06	.00
	ERI =	0	POWER	.01	-1.48	2.08	.04	.13	.01	-.00
1.15	NR =	.994	2.26	23700	18400	1.11	1190	170.8	627	1765
	P2 =	18.76	RAM	1.01	1.82	-.89	-.00	1.00	1.01	-.00
	T2 =	589	BLEED	.15	-4.98	4.16	-.53	-1.82	.15	-.01
	ERI =	0	POWER	.03	-1.32	1.82	.02	.10	.03	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.36	12278	1189	1240	18500	15100	.81	556	15.1
	RAM	1.01	1.01	.01	-.05	1.52	1.64	-.69	.00	.00
	BLEED	-3.10	-1.22	-.91	2.30	-2.52	-3.24	2.12	.61	-37.53
	POWER	-3.59	.98	-.65	4.17	-1.28	-1.79	2.79	.96	-85.90
.40	1.12	2.47	12957	1203	1241	20300	15500	.83	556	15.1
	RAM	1.01	1.01	.00	-.05	1.49	1.65	-.69	.00	.00
	BLEED	-3.09	-1.21	-.87	2.26	-2.46	-3.39	2.30	.55	-37.53
	POWER	-3.42	.95	-.55	3.94	-1.16	-1.78	2.76	.83	-81.37
.50	1.19	2.62	13876	1221	1241	22400	16100	.86	557	15.1
	RAM	1.01	1.01	.01	-.06	1.46	1.64	-.69	.00	11.26
	BLEED	-3.07	-1.22	-.85	2.23	-2.38	-3.51	2.42	.50	.00
	POWER	-3.17	.88	-.48	3.64	-1.01	-1.69	2.61	.71	.00
.60	1.28	2.75	14585	1224	1252	24300	16300	.90	556	15.1
	RAM	1.01	1.01	.00	-.06	1.44	1.65	-.70	.00	.00
	BLEED	-2.97	-1.26	-.76	2.00	-2.40	-3.73	2.62	.30	.00
	POWER	-2.94	.76	-.35	3.23	-1.05	-1.78	2.58	.42	.00
.90	1.69	3.31	17362	1234	1288	32600	17600	.98	542	15.1
	RAM	1.01	1.01	.00	-.00	1.36	1.66	-.71	.00	.00
	BLEED	-2.87	-1.23	-.61	1.62	-2.29	-4.27	3.25	.06	.00
	POWER	-2.15	.57	-.14	2.05	-.83	-1.54	2.14	.01	.00
1.15	2.26	3.98	20482	1248	1331	43100	19400	1.06	523	15.1
	RAM	1.01	1.01	.00	-.00	1.30	1.67	-.72	.00	.00
	BLEED	-2.92	-1.13	-.59	1.76	-2.05	-4.73	3.87	.15	.00
	POWER	-1.76	.47	-.13	1.69	-.56	-1.29	1.79	.03	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR = 1.00	1.06	3370	12200	.91	1008	90.9	342	1639
	P2 = 8.83	RAM	1.02	1.59	-.70	-.01	.99	1.02	-.04
	T2 = 474	BLEED	.10	-.68	2.57	-.45	-1.16	.10	2.07
	ERI = 0	POWER	-.46	2.42	4.24	.51	1.70	-.46	3.79
.40	NR = 1.00	1.12	4660	12600	.91	1018	94.3	354	1648
	P2 = 9.26	RAM	1.02	1.56	-.66	-.01	.99	1.02	-.05
	T2 = 480	BLEED	.10	-.66	2.61	-.43	-1.14	.10	2.09
	ERI = 0	POWER	-.43	2.47	3.94	.48	1.62	-.43	3.63
.50	NR = 1.00	1.19	6090	12600	.95	1029	98.8	371	1659
	P2 = 9.84	RAM	1.02	1.56	-.66	-.00	.99	1.02	-.04
	T2 = 489	BLEED	.10	-.67	2.70	-.41	-1.11	.10	2.13
	ERI = 0	POWER	-.40	2.49	3.59	.45	1.51	-.40	3.44
.60	NR = 1.00	1.28	7720	12600	1.01	1044	104.5	391	1672
	P2 =10.58	RAM	1.02	1.58	-.69	-.00	.99	1.02	-.04
	T2 = 499	BLEED	.10	-.80	2.93	-.39	-1.07	.10	2.16
	ERI = 0	POWER	-.38	3.01	2.74	.41	1.41	-.38	3.25
.90	NR = 1.00	1.69	14200	14500	1.08	1100	129.1	480	1720
	P2 =14.03	RAM	1.00	1.95	-1.06	-.00	1.01	1.00	-.01
	T2 = 541	BLEED	.27	-1.47	3.15	-.40	-1.17	.27	1.76
	ERI = 0	POWER	-.37	2.82	2.04	.33	1.14	-.37	2.72
1.15	NR = .994	2.26	22100	16500	1.13	1152	153.9	584	1765
	P2 =18.76	RAM	1.01	1.89	-.98	-.00	1.00	1.01	-.00
	T2 = 589	BLEED	.51	-4.96	4.09	-.61	-1.89	.51	-.01
	ERI = 0	POWER	.36	-1.42	2.02	.04	.13	.36	-.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.24	11051	1136	1249	17200	13800	.800	543	15.1
	RAM	.96	.95	-.04	.00	1.53	1.65	-.77	.02	.00
	BLEED	-.33	1.86	1.07	.00	-.51	-.66	2.55	.10	.00
	POWER	1.27	6.74	3.22	.00	1.91	2.49	4.19	-.46	-93.19
.40	1.12	2.33	11474	1143	1249	18600	14000	.82	541	6.6
	RAM	.95	.95	-.04	.00	1.50	1.66	-.78	.02	-25.76
	BLEED	-.32	1.92	1.10	.00	-.49	-.68	2.63	.10	.00
	POWER	1.20	6.47	3.07	.00	1.79	2.54	3.87	-.43	.00
.50	1.19	2.44	12026	1152	1249	20300	14200	.85	537	6.6
	RAM	.95	.95	-.04	.00	1.47	1.67	-.78	.02	.00
	BLEED	-.29	2.00	1.13	.00	-.45	-.68	2.71	.10	.00
	POWER	1.11	6.14	2.88	.00	1.66	2.55	3.53	-.40	.00
.60	1.28	2.58	12725	1163	1249	22100	14400	.89	533	15.1
	RAM	.95	.95	-.04	.00	1.44	1.66	-.78	.02	11.26
	BLEED	-.27	2.09	1.17	.00	-.41	-.68	2.80	.10	.00
	POWER	1.02	5.81	2.70	.00	1.52	2.54	3.21	-.38	.00
.90	1.69	3.20	15674	1203	1249	30100	15900	.98	514	15.1
	RAM	1.00	1.00	-.00	.00	1.37	1.69	-.75	.00	.00
	BLEED	-.80	1.61	.77	.45	-.60	-1.39	3.06	.27	.00
	POWER	.91	4.90	2.24	.00	1.12	2.46	2.39	-.37	.00
1.15	2.26	3.91	18598	1233	1255	39600	17600	1.06	487	15.1
	RAM	1.01	1.01	.00	-.00	1.31	1.69	-.74	-.00	.00
	BLEED	-2.81	-1.17	-.77	1.92	-1.76	-4.62	3.71	.51	.00
	POWER	-2.04	.56	-.28	2.22	-.41	-1.38	1.97	.36	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO			P2/P0	FD	FN	SFC	TE	P2	W2	TC
.30	NR	= 1.00	1.06	2980	8640	.90	937	72.5	302	1456
	P2	= 8.83	RAM	1.08	1.93	-1.24	-.02	.96	1.08	-.14
	T2	= 474	BLEED	.12	-.67	3.01	-.42	-1.07	.12	2.30
	ERI	= 0	POWER	-.74	3.99	5.35	.68	2.26	-.74	5.30
.40	NR	= 1.00	1.12	4100	8510	.93	943	74.4	312	1458
	P2	= 9.26	RAM	1.07	2.17	-1.52	-.02	.96	1.07	-.14
	T2	= 480	BLEED	.12	-.76	3.14	-.42	-1.07	.12	2.33
	ERI	= 0	POWER	-.66	4.34	4.97	.67	2.25	-.66	5.27
.50	NR	= 1.00	1.19	5320	8110	.99	950	76.6	324	1445
	P2	= 9.84	RAM	1.06	1.98	-1.29	-.01	.96	1.06	-.13
	T2	= 489	BLEED	.12	-.70	3.14	-.40	-1.08	.12	2.33
	ERI	= 0	POWER	-.58	4.17	5.01	.66	2.21	-.58	5.13
.60	NR	= 1.00	1.28	6670	7590	1.07	958	79.2	338	1433
	P2	=10.58	RAM	1.03	1.85	-1.03	-.01	.99	1.03	-.06
	T2	= 499	BLEED	.11	-.84	3.35	-.39	-1.08	.11	2.33
	ERI	= 0	POWER	-.58	4.45	4.60	.62	2.15	-.58	4.97
.90	NR	= 1.00	1.69	11800	6690	1.28	992	89.8	400	1400
	P2	=14.03	RAM	1.02	2.03	-1.24	-.01	.99	1.02	-.05
	T2	= 541	BLEED	.09	-1.61	4.12	-.45	-1.27	.09	2.22
	ERI	= 0	POWER	-.37	5.75	2.90	.52	2.01	-.37	4.41
1.15	NR	= .994	2.26	17900	5620	1.53	1026	100.2	474	1354
	P2	=18.76	RAM	1.02	3.24	-2.83	-.01	.97	1.02	-.08
	T2	= 589	BLEED	.05	-2.76	5.89	-.41	-1.32	.05	2.34
	ERI	= 0	POWER	-.21	8.83	-.07	.42	1.90	-.21	4.05

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	1.89	7786	1008	1249	12800	9820	.795	480	15.1
	RAM	.86	.81	-.14	.00	1.62	1.78	-1.07	.09	.00
	BLEED	-.21	2.31	1.20	.00	-.41	-.57	2.90	.12	.00
	POWER	1.29	9.43	4.26	.00	2.42	3.37	5.96	-.74	.00
.40	1.12	1.94	7956	1008	1249	13800	9680	.82	476	15.1
	RAM	.85	.81	-.14	.00	1.59	1.81	-1.10	.07	.00
	BLEED	-.23	2.35	1.20	.00	-.41	-.63	3.01	.12	.00
	POWER	1.38	9.40	4.17	.00	2.42	3.73	5.58	-.66	.00
.50	1.19	2.00	8031	1002	1249	14700	9360	.86	469	15.1
	RAM	.86	.82	-.12	.00	1.55	1.84	-1.12	.06	.00
	BLEED	-.26	2.40	1.19	.00	-.40	-.70	3.13	.12	.00
	POWER	1.35	9.28	4.00	.00	2.46	4.18	5.00	-.58	.00
.60	1.28	2.08	8135	997	1249	15700	9000	.90	460	15.1
	RAM	.94	.91	-.05	.00	1.58	1.98	-1.18	.03	.00
	BLEED	-.25	2.47	1.19	.00	-.43	-.83	3.34	.11	.00
	POWER	1.39	9.14	3.85	.00	2.29	4.41	4.63	-.58	.00
.90	1.69	2.42	8551	984	1249	20000	8190	1.04	427	6.6
	RAM	.95	.92	-.04	.00	1.47	2.12	-1.34	.02	.00
	BLEED	-.36	2.41	1.02	.00	-.56	-1.49	3.99	.09	.00
	POWER	1.29	8.74	3.24	.00	1.97	5.34	3.30	-.37	.00
1.15	2.26	2.81	8612	964	1249	25200	7240	1.19	396	15.1
	RAM	.93	.86	-.06	.00	1.37	2.26	-1.57	.01	.00
	BLEED	-.31	2.88	1.04	.00	-.57	-2.12	5.16	.05	.00
	POWER	1.31	8.75	2.79	.00	1.74	6.56	2.11	-.21	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	2380	2550	1.24	818	44.3	241	1047
	P2 =	8.83	RAM	1.11	1.93	-2.47	-.07	.72	1.11	-.73
	T2 =	474	BLEED	.03	-1.53	4.73	-.43	-1.32	.03	2.45
	ERI =	0	POWER	-.16	9.11	8.96	.91	3.98	-.16	8.18
.40	NR =	1.00	1.12	3270	1970	1.55	822	44.8	249	1021
	P2 =	9.26	RAM	1.08	2.14	-2.85	-.07	.71	1.08	-.75
	T2 =	480	BLEED	.02	-2.24	5.65	-.44	-1.35	.02	2.41
	ERI =	0	POWER	-.11	12.15	6.30	.91	3.95	-.11	8.00
.50	NR =	1.00	1.19	4250	1360	2.17	828	45.6	258	997
	P2 =	9.84	RAM	1.06	3.08	-3.79	-.06	.78	1.06	-.61
	T2 =	489	BLEED	.03	-3.50	7.36	-.43	-1.37	.03	2.42
	ERI =	0	POWER	-.10	17.40	1.12	.88	3.80	-.10	7.64
.60	NR =	1.00	1.28	5320	660	4.26	833	46.5	270	968
	P2 =	10.58	RAM	1.06	5.82	-8.30	-.05	.80	1.06	-.55
	T2 =	499	BLEED	.03	-7.80	13.18	-.39	-1.36	.03	2.45
	ERI =	0	POWER	-.10	35.79	-15.16	.87	3.76	-.10	7.50
.90	NR =	1.00	1.69	9340	-1690	-1.340	861	50.6	316	873
	P2 =	14.03	RAM	1.00	-1.63	1.63	-.03	.87	1.00	-.38
	T2 =	541	BLEED	.01	4.70	.10	-.48	-1.57	.01	2.12
	ERI =	0	POWER	-.01	-14.41	38.35	.73	3.47	-.01	6.74
1.15	NR =	.994	2.26	13900	-3970	-.430	902	57.6	369	803
	P2 =	18.76	RAM	1.01	-.48	.50	-.02	.90	1.01	-.29
	T2 =	589	BLEED	.01	2.66	4.64	-.45	-1.57	.01	1.95
	ERI =	0	POWER	-.02	-6.61	36.58	.58	3.18	-.02	6.14

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	1.26	3168	746	1587	5450	3070	1.03	383	6.6
	RAM	.35	-.30	-.54	.00	1.54	1.87	-2.39	.12	.00
	BLEED	-.21	3.08	1.06	.00	-.78	-1.40	4.58	.03	.00
	POWER	1.04	18.26	5.19	.00	4.63	8.34	9.72	-.16	.00
.40	1.12	1.27	3051	735	1587	5800	2530	1.21	380	6.6
	RAM	.34	-.40	-.54	.00	1.48	2.00	-2.67	.09	.00
	BLEED	-.19	3.22	1.02	.00	-.83	-1.93	5.30	.02	.00
	POWER	.98	18.64	4.98	.00	4.50	10.46	7.97	-.11	.00
.50	1.19	1.29	2946	725	1587	6210	1960	1.50	375	6.6
	RAM	.36	-.13	-.40	.00	1.55	2.61	-3.15	.06	.00
	BLEED	-.20	3.47	1.02	.00	-.83	-2.68	6.42	.03	.00
	POWER	.96	18.57	4.60	.00	4.14	13.35	5.06	-.10	.00
.60	1.28	1.31	2803	714	1587	6620	1300	2.16	368	6.6
	RAM	.40	-.07	-.36	.00	1.58	3.73	-4.67	.06	.00
	BLEED	-.21	3.84	1.02	.00	-.83	-4.37	8.78	.03	.00
	POWER	.96	19.26	4.41	.00	3.84	20.05	-.75	-.10	.00
.90	1.69	1.40	2260	689	1587	8470	-870	-2.590	337	6.6
	RAM	.50	.13	-.20	.00	1.59	-4.65	3.87	.00	.00
	BLEED	-.33	4.81	.81	.00	-1.03	10.06	-4.56	.01	.00
	POWER	.96	22.41	3.53	.00	3.17	-30.87	58.23	-.01	.00
1.15	2.26	1.54	1718	685	1587	11000	-2910	-.590	308	6.6
	RAM	.61	.04	-.14	.00	1.60	-1.23	1.19	.00	.00
	BLEED	-.40	7.48	.75	.00	-1.04	4.01	3.27	.01	.00
	POWER	1.00	29.19	2.96	.00	2.61	-9.98	40.47	-.02	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR = 1.00	1.06	1600	-270	-5.195	712	25.5	163	895
	P2 = 8.83	RAM	1.36	-.39	-1.38	-.16	.44	1.36	-1.32
	T2 = 474	BLEED	.01	3.51	.59	-.45	-1.33	.01	2.64
	ERI = 0	POWER	-.09	-61.78	112.03	2.07	7.80	-.09	16.20
.40	NR = 1.00	1.12	2210	-780	-1.675	714	25.7	168	864
	P2 = 9.26	RAM	1.16	.44	-1.95	-.12	.53	1.16	-1.13
	T2 = 480	BLEED	.01	1.58	2.94	-.42	-1.33	.01	2.66
	ERI = 0	POWER	-.08	-15.88	60.24	1.55	7.32	-.08	15.04
.50	NR = 1.00	1.19	2880	-1350	-.875	718	25.9	175	826
	P2 = 9.84	RAM	1.13	.62	-2.31	-.11	.54	1.13	-1.10
	T2 = 489	BLEED	.01	1.09	3.79	-.46	-1.40	.01	2.53
	ERI = 0	POWER	-.06	-9.48	57.30	1.62	7.37	-.06	14.95
.60	NR = 1.00	1.28	3640	-1980	-.520	722	26.3	184	783
	P2 =10.58	RAM	1.08	.66	-2.64	-.11	.55	1.08	-1.07
	T2 = 499	BLEED	.02	1.02	4.49	-.51	-1.47	.02	2.37
	ERI = 0	POWER	-.08	-6.52	61.35	1.71	7.57	-.08	15.15
.90	NR = 1.00	1.69	7520	-4460	-.175	789	35.3	254	690
	P2 =14.03	RAM	1.57	.72	-.74	.22	1.68	1.57	-.49
	T2 = 541	BLEED	-2.28	.44	-.44	-1.75	-5.56	-2.28	.63
	ERI = 100	POWER	-15.93	-5.60	5.66	-6.61	-22.48	-15.93	2.32
1.15	NR = .994	2.26	13000	-4970	-.220	877	51.0	345	734
	P2 =18.76	RAM	1.48	-.32	2.04	.22	1.75	1.48	-.02
	T2 = 589	BLEED	-2.90	4.31	-10.79	-2.06	-7.17	-2.90	-.93
	ERI = 100	POWER	-10.87	5.13	-22.02	-4.73	-17.20	-10.87	-2.30

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 15000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	1.04	1412	651	2400	1470	-130	-10.475	259	6.6
	RAM	.07	-1.79	-.93	.00	1.71	-2.46	.59	.38	.00
	BLEED	-.03	4.13	1.08	.00	-.70	7.76	-3.25	.01	.00
	POWER	.41	43.02	9.13	.00	12.44	-136.70	209.68	-.09	.00
.40	1.12	1.04	1312	639	2400	1580	-640	-2.060	257	6.6
	RAM	.06	-1.46	-.70	.00	1.54	.20	-1.68	.16	.00
	BLEED	-.05	4.59	1.07	.00	-.84	2.12	2.39	.01	.00
	POWER	.33	43.36	8.28	.00	8.55	-21.41	66.27	-.08	.00
.50	1.19	1.05	1185	626	2400	1690	-1190	-.995	254	6.6
	RAM	.07	-1.61	-.64	.00	1.57	.51	-2.18	.14	.00
	BLEED	-.06	4.95	.98	.00	-.93	1.35	3.53	.01	.00
	POWER	.21	47.24	7.90	.00	8.21	-11.77	59.76	-.06	.00
.60	1.28	1.05	1031	612	2400	1820	-1810	-.570	251	6.6
	RAM	.09	-1.89	-.59	.00	1.57	.59	-2.55	.09	.00
	BLEED	-.06	5.58	.89	.00	-1.18	1.22	4.28	.02	.00
	POWER	.42	54.40	7.66	.00	7.57	-7.78	62.71	-.08	.00
.90	1.69	1.10	780	603	2400	3360	-4160	-.190	272	6.6
	RAM	.27	-.00	-.17	.00	2.79	.59	-.61	.60	.00
	BLEED	-.62	.00	-.04	.00	-6.18	.87	-.86	-2.28	.00
	POWER	-3.43	.00	-.19	.00	-30.57	-4.09	4.1	-15.93	.00
1.15	2.26	1.40	1081	653	1690	8920	-4110	-.265	288	6.6
	RAM	.79	1.75	.03	.00	2.59	-.93	2.57	.50	.00
	BLEED	-2.28	-7.17	-.77	.00	-7.34	6.75	-12.65	-2.90	.00
	POWER	-6.46	-17.20	-1.93	.00	-20.74	10.55	-26.9	-10.87	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR = 1.00	1.06	3410	24400	2.52	1096	91.5	332	1765
	P2 = 8.83	RAM	1.00	1.81	-.96	-.00	1.01	1.00	.00
	T2 = 514	BLEED	.11	-3.62	1.79	-.63	-1.96	.11	-.00
	ERI = 0	POWER	.20	-2.00	2.37	.07	.23	.20	-.01
.40	NR = 1.00	1.12	4720	25400	2.50	1104	94.7	344	1765
	P2 = 9.26	RAM	1.00	1.80	-.95	-.00	1.01	1.00	.00
	T2 = 521	BLEED	.08	-3.82	1.70	-.60	-1.95	.08	-.00
	ERI = 0	POWER	.12	-1.97	2.32	.06	.21	.12	-.01
.50	NR = 1.00	1.19	6180	26500	2.49	1116	99.0	361	1765
	P2 = 9.84	RAM	1.00	1.79	-.93	-.00	1.01	1.00	-.00
	T2 = 531	BLEED	.05	-4.32	1.15	-.57	-1.92	.05	-.00
	ERI = 0	POWER	.05	-2.86	.89	.06	.19	.05	-.00
.60	NR = 1.00	1.28	7830	27800	2.50	1130	104.4	381	1765
	P2 =10.58	RAM	1.00	1.78	-.91	-.00	1.01	1.00	-.00
	T2 = 542	BLEED	.05	-4.91	.50	-.54	-1.89	.05	.00
	ERI = 0	POWER	.00	-3.79	-.52	.05	.18	.00	-.00
.90	NR = 1.00	1.69	14500	33200	2.40	1188	127.8	470	1765
	P2 =14.03	RAM	1.00	1.69	-.74	-.00	1.01	1.00	.00
	T2 = 587	BLEED	.14	-5.99	-.17	-.53	-1.83	.14	-.01
	ERI = 1	POWER	.04	-4.68	-1.63	.03	.14	.04	.00
1.15	NR = .994	2.26	22900	38900	2.29	1252	156.0	580	1765
	P2 =18.76	RAM	1.01	1.60	-.65	-.00	1.01	1.01	-.00
	T2 = 639	BLEED	.08	-6.97	.13	-.55	-1.85	.08	.01
	ERI = 1	POWER	-.01	-4.47	-1.04	.03	.13	-.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.06	61586	3333	2333	28800	25400	2.43	550	6.6
	RAM 1.02	.94	-.01	-.07	1.65	1.73	-.87	.00	.00	
	BLEED -3.15	-1.93	-.78	1.93	-3.40	-3.87	2.07	.11	.00	
	POWER -3.93	.34	-.20	3.96	-2.47	-2.83	3.23	.20	.00	
.40	1.12	2.13	63555	3332	2342	31100	26300	2.41	548	6.6
	RAM 1.02	.94	-.01	-.02	1.62	1.73	-.86	.00	.00	
	BLEED -3.13	-2.22	-.91	1.66	-3.40	-4.03	1.93	.08	.00	
	POWER -3.73	.32	-.16	3.72	-2.28	-2.71	3.09	.12	.00	
.50	1.19	2.21	66147	3331	2358	33600	27400	2.41	545	6.6
	RAM 1.01	.94	-.00	-.02	1.58	1.71	-.84	.00	.00	
	BLEED -3.04	-3.25	-1.41	1.22	-3.57	-4.38	1.22	.05	.00	
	POWER -3.37	-1.98	-1.21	2.60	-2.66	-3.27	1.31	.05	.00	
.60	1.28	2.32	69408	3331	2375	36400	28600	2.43	541	6.6
	RAM 1.01	.95	-.01	-.02	1.55	1.70	-.82	.00	.00	
	BLEED -2.96	-4.45	-2.02	.74	-3.78	-4.82	.41	.05	.00	
	POWER -3.00	-4.30	-2.31	1.49	-3.05	-3.89	-.42	.00	.00	
.90	1.69	2.78	79798	3258	2402	48300	33800	2.36	523	6.6
	RAM 1.01	1.01	.02	.00	1.45	1.65	-.69	.00	.00	
	BLEED -2.84	-6.14	-3.30	-.03	-4.04	-5.83	-.34	.14	.00	
	POWER -2.23	-6.24	-3.74	-.06	-3.18	-4.55	-1.76	.04	.00	
1.15	2.26	3.34	89102	3117	2401	62500	39600	2.25	505	6.6
	RAM 1.02	1.01	.01	.00	1.38	1.60	-.64	.00	.00	
	BLEED -3.20	-6.85	-3.94	-.03	-4.34	-6.90	.06	.08	.00	
	POWER -2.07	-5.46	-3.52	-.04	-2.81	-4.43	-1.09	-.01	.00	

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	3410	21600	2.20	1096	91.5	332	1765
	P2 =	8.83	RAM	1.00	1.84	-.98	-.00	1.01	1.00	.00
	T2 =	514	BLEED	.11	-3.58	2.01	-.63	-1.96	.11	-.00
	ERI =	0	POWER	.20	-1.86	2.26	.07	.23	.20	-.01
.40	NR =	1.00	1.12	4720	22400	2.19	1104	94.7	344	1765
	P2 =	9.26	RAM	1.00	1.84	-.98	-.00	1.01	1.00	.00
	T2 =	521	BLEED	.08	-3.70	2.14	-.60	-1.95	.08	-.00
	ERI =	0	POWER	.12	-1.84	2.22	.06	.21	.12	-.01
.50	NR =	1.00	1.19	6180	23400	2.18	1116	99.0	361	1765
	P2 =	9.84	RAM	1.00	1.84	-.98	-.00	1.01	1.00	-.00
	T2 =	531	BLEED	.05	-3.77	2.25	-.57	-1.92	.05	-.00
	ERI =	0	POWER	.05	-1.80	2.16	.06	.19	.05	-.00
.60	NR =	1.00	1.28	7830	24400	2.20	1130	104.4	381	1765
	P2 =	10.58	RAM	1.00	1.84	-.97	-.00	1.01	1.00	-.00
	T2 =	542	BLEED	.05	-3.83	2.33	-.54	-1.89	.05	.00
	ERI =	0	POWER	.00	-1.73	2.06	.05	.18	.00	-.00
.90	NR =	1.00	1.69	14500	29500	2.18	1188	127.8	470	1765
	P2 =	14.03	RAM	1.00	1.73	-.84	-.00	1.01	1.00	.00
	T2 =	587	BLEED	.14	-3.83	2.39	-.53	-1.83	.14	-.01
	ERI =	0	POWER	.04	-1.38	1.65	.03	.14	.04	.00
1.15	NR =	.994	2.26	22900	35900	2.14	1252	156.0	580	1765
	P2 =	18.76	RAM	1.01	1.65	-.73	-.00	1.01	1.01	-.00
	T2 =	639	BLEED	.08	-4.27	2.87	-.55	-1.85	.08	.01
	ERI =	0	POWER	-.01	-1.45	1.71	.03	.13	-.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.10	47509	2872	2106	26600	23200	2.05	550	6.6
	RAM	1.02	.95	-.01	-.04	1.62	1.72	-.84	.00	.00
	BLEED	-3.08	-1.68	-.78	1.76	-3.27	-3.77	2.22	.11	.00
	POWER	-3.79	.38	-.20	3.80	-2.30	-2.67	3.10	.20	.00
.40	1.12	2.17	49029	2870	2114	28700	24000	2.04	548	6.6
	RAM	1.02	.95	-.01	-.03	1.60	1.71	-.84	.00	.00
	BLEED	-3.08	-1.68	-.75	1.75	-3.21	-3.85	2.31	.08	.00
	POWER	-3.60	.36	-.15	3.57	-2.13	-2.57	2.98	.12	.00
.50	1.19	2.25	51029	2868	2127	31100	24900	2.05	545	6.6
	RAM	1.01	.95	-.01	-.02	1.57	1.71	-.82	.00	.00
	BLEED	-3.06	-1.66	-.72	1.72	-3.10	-3.89	2.37	.05	.00
	POWER	-3.38	.33	-.10	3.30	-1.94	-2.43	2.81	.05	.00
.60	1.28	2.36	53542	2867	2141	33700	25800	2.07	541	6.6
	RAM	1.01	.95	-.01	-.02	1.53	1.69	-.80	.00	.00
	BLEED	-3.06	-1.63	-.69	1.73	-2.98	-3.90	2.42	.05	.00
	POWER	-3.17	.31	-.06	3.08	-1.73	-2.26	2.61	.00	.00
.90	1.69	2.82	64295	2862	2197	45100	30600	2.10	523	6.6
	RAM	1.01	.96	-.01	-.02	1.43	1.63	-.72	.00	.00
	BLEED	-3.13	-1.58	-.69	1.90	-2.61	-3.91	2.47	.14	.00
	POWER	-2.63	.25	-.05	2.61	-1.14	-1.69	1.97	.04	.00
1.15	2.26	3.37	77019	2851	2259	59500	36700	2.10	505	6.6
	RAM	1.02	.98	-.01	-.01	1.37	1.59	-.66	.00	.00
	BLEED	-3.59	-1.58	-.63	2.35	-2.58	-4.24	2.84	.08	.00
	POWER	-2.48	.23	-.01	2.45	-.91	-1.47	1.74	-.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	3410	18000	1.85	1096	91.5	332	1765
	P2 =	8.83	RAM	1.00	1.72	-.83	-.00	1.01	1.00	.00
	T2 =	514	BLEED	.11	-3.78	2.26	-.63	-1.96	.11	-.00
	ERI =	0	POWER	.20	-2.58	3.08	.07	.23	.20	-.01
.40	NR =	1.00	1.12	4720	18400	1.87	1104	94.7	344	1765
	P2 =	9.26	RAM	1.00	1.73	-.83	-.00	1.01	1.00	.00
	T2 =	521	BLEED	.08	-3.91	2.41	-.60	-1.95	.08	-.00
	ERI =	0	POWER	.12	-2.52	2.99	.06	.21	.12	-.01
.50	NR =	1.00	1.19	6180	18900	1.90	1116	99.0	361	1765
	P2 =	9.84	RAM	1.00	1.84	-.96	-.00	1.01	1.00	-.00
	T2 =	531	BLEED	.05	-3.84	2.36	-.57	-1.92	.05	-.00
	ERI =	0	POWER	.05	-1.53	1.95	.06	.19	.05	-.00
.60	NR =	1.00	1.28	7830	19700	1.91	1130	104.4	381	1765
	P2 =	10.58	RAM	1.00	1.96	-1.10	-.00	1.01	1.00	-.00
	T2 =	542	BLEED	.05	-3.96	2.52	-.54	-1.89	.05	.00
	ERI =	0	POWER	.00	-1.53	1.92	.05	.18	.00	-.00
.90	NR =	1.00	1.69	14500	23600	1.92	1188	127.8	470	1765
	P2 =	14.03	RAM	1.00	1.87	-.99	-.00	1.01	1.00	.00
	T2 =	587	BLEED	.14	-3.99	2.61	-.53	-1.83	.14	-.01
	ERI =	0	POWER	.04	-1.16	1.48	.03	.14	.04	.00
1.15	NR =	.994	2.26	22900	28700	1.88	1252	156.0	580	1765
	P2 =	18.76	RAM	1.01	1.79	-.89	-.00	1.01	1.01	-.00
	T2 =	639	BLEED	.08	-4.38	3.07	-.55	-1.85	.08	.01
	ERI =	0	POWER	-.01	-1.11	1.41	.03	.13	-.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.14	33432	2294	1826	23700	20300	1.64	550	6.6
	RAM 1.01	.97	-.01	-.03	1.61	1.71	-.81	.00	.00	
	BLEED -3.01	-1.64	-.79	1.70	-3.16	-3.71	2.19	.11	.00	
	POWER -3.64	.45	-.21	3.63	-2.14	-2.53	3.03	.20	.00	
.40	1.12	2.21	34504	2294	1833	25600	20900	1.65	548	6.6
	RAM 1.01	.97	-.01	-.03	1.58	1.71	-.81	.00	.00	
	BLEED -3.02	-1.64	-.76	1.69	-3.10	-3.82	2.31	.08	.00	
	POWER -3.45	.43	-.16	3.42	-1.98	-2.45	2.93	.12	.00	
.50	1.19	2.29	35911	2294	1844	27700	21500	1.67	545	6.6
	RAM 1.01	.97	-.00	-.02	1.55	1.71	-.81	.00	.00	
	BLEED -2.99	-1.62	-.73	1.67	-3.00	-3.88	2.40	.05	.00	
	POWER -3.25	.40	-.12	3.18	-1.81	-2.34	2.78	.05	.00	
.60	1.28	2.40	37677	2294	1857	30000	22100	1.70	541	6.6
	RAM 1.01	.97	-.00	-.02	1.52	1.70	-.80	.00	.00	
	BLEED -2.99	-1.59	-.70	1.69	-2.89	-3.93	2.48	.05	.00	
	POWER -3.04	.37	-.07	2.97	-1.62	-2.19	2.60	.00	.00	
.90	1.69	2.88	45198	2296	1905	40100	25700	1.76	523	6.6
	RAM 1.01	.98	-.00	-.02	1.42	1.65	-.74	.00	.00	
	BLEED -3.04	-1.54	-.70	1.84	-2.53	-4.03	2.66	.14	.00	
	POWER -2.52	.30	-.07	2.51	-1.06	-1.68	2.02	.04	.00	
1.15	2.26	3.44	54029	2294	1960	53000	30100	1.79	505	6.6
	RAM 1.02	.99	-.00	-.01	1.36	1.62	-.69	.00	.00	
	BLEED -3.48	-1.51	-.64	2.25	-2.50	-4.45	3.15	.08	.00	
	POWER -2.37	.28	-.02	2.33	-.85	-1.49	1.80	-.01	.00	

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	3410	14500	1.33	1096	91.5	332	1765
	P2 =	8.83	RAM	1.00	1.73	-.79	-.00	1.01	1.00	.00
	T2 =	514	BLEED	.11	-3.78	2.36	-.63	-1.96	.11	-.00
	ERI =	0	POWER	.20	-2.49	3.17	.07	.23	.20	-.01
.40	NR =	1.00	1.12	4720	14600	1.36	1104	94.7	344	1765
	P2 =	9.26	RAM	1.00	1.75	-.81	-.00	1.01	1.00	.00
	T2 =	521	BLEED	.08	-3.97	2.57	-.60	-1.95	.08	-.00
	ERI =	0	POWER	.12	-2.48	3.12	.06	.21	.12	-.01
.50	NR =	1.00	1.19	6180	14700	1.41	1116	99.0	361	1765
	P2 =	9.84	RAM	1.00	1.77	-.83	-.00	1.01	1.00	-.00
	T2 =	531	BLEED	.05	-4.13	2.77	-.57	-1.92	.05	-.00
	ERI =	0	POWER	.05	-2.42	3.03	.06	.19	.05	-.00
.60	NR =	1.00	1.28	7830	14800	1.47	1130	104.4	381	1765
	P2 =	10.58	RAM	1.00	1.78	-.84	-.00	1.01	1.00	-.00
	T2 =	542	BLEED	.05	-4.29	2.98	-.54	-1.89	.05	.00
	ERI =	0	POWER	.00	-2.33	2.90	.05	.18	.00	-.00
.90	NR =	1.00	1.69	14500	15900	1.64	1188	127.8	470	1765
	P2 =	14.03	RAM	1.00	1.78	-.85	-.00	1.01	1.00	.00
	T2 =	587	BLEED	.14	-4.79	3.62	-.53	-1.83	.14	-.01
	ERI =	0	POWER	.04	-1.95	2.42	.03	.14	.04	.00
1.15	NR =	.994	2.26	22900	18300	1.69	1252	156.0	580	1765
	P2 =	18.76	RAM	1.01	2.23	-1.37	-.00	1.01	1.01	-.00
	T2 =	639	BLEED	.08	-5.36	4.36	-.55	-1.85	.08	.01
	ERI =	0	POWER	-.01	-1.14	1.56	.03	.13	-.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
	1.06	2.18	19355	1617	1491	19900	16500	1.18	550	6.6
	RAM	1.01	1.01	.01	-.03	1.60	1.72	-.78	.00	.00
	BLEED	-2.94	-1.56	-.79	1.66	-3.04	-3.69	2.26	.11	.00
	POWER	-3.49	.63	-.24	3.48	-1.98	-2.43	3.11	.20	.00
.40	1.12	2.25	19978	1618	1497	21400	16700	1.20	548	6.6
	RAM	1.01	1.01	.01	-.03	1.57	1.73	-.79	.00	.00
	BLEED	-2.95	-1.55	-.76	1.65	-2.98	-3.85	2.44	.08	.00
	POWER	-3.31	.60	-.20	3.27	-1.84	-2.40	3.04	.12	.00
.50	1.19	2.34	20793	1621	1507	23200	17000	1.22	545	6.6
	RAM	1.01	1.01	.02	-.02	1.54	1.74	-.80	.00	.00
	BLEED	-2.93	-1.53	-.73	1.63	-2.90	-3.97	2.59	.05	.00
	POWER	-3.11	.56	-.15	3.03	-1.69	-2.33	2.93	.05	.00
.60	1.28	2.46	21811	1624	1517	25100	17300	1.26	541	6.6
	RAM	1.01	1.01	.01	-.03	1.51	1.74	-.80	.00	.00
	BLEED	-2.92	-1.50	-.70	1.64	-2.79	-4.08	2.75	.05	.00
	POWER	-2.92	.52	-.12	2.82	-1.52	-2.22	2.78	.00	.00
.90	1.69	2.94	26101	1637	1556	33600	19200	1.36	523	6.6
	RAM	1.01	1.01	.01	-.03	1.41	1.72	-.78	.00	.00
	BLEED	-2.97	-1.42	-.69	1.80	-2.44	-4.39	3.18	.14	.00
	POWER	-2.41	.43	-.11	2.39	-1.00	-1.79	2.25	.04	.00
1.15	2.26	3.52	31038	1647	1606	44500	21700	1.43	505	6.6
	RAM	1.02	1.02	.01	-.00	1.35	1.72	-.77	.00	.00
	BLEED	-3.38	-1.35	-.61	2.15	-2.39	-3.01	3.96	.08	.00
	POWER	-2.26	.40	-.05	2.18	-.80	-1.64	2.07	-.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR = 1.00	1.06	3410	12500	.93	1096	91.5	332	1765
	P2 = 8.83	RAM	1.00	1.63	-.67	-.00	1.01	1.00	.00
	T2 = 514	BLEED	.11	-3.94	2.82	-.63	-1.96	.11	-.00
	ERI = 0	POWER	.20	-3.26	4.24	.07	.23	.20	-.01
.40	NR = 1.00	1.12	4720	12400	.97	1104	94.7	344	1765
	P2 = 9.26	RAM	1.00	1.64	-.68	-.00	1.01	1.00	.00
	T2 = 521	BLEED	.08	-4.08	2.97	-.60	-1.95	.08	-.00
	ERI = 0	POWER	.12	-3.36	4.31	.06	.21	.12	-.01
.50	NR = 1.00	1.19	6180	12200	1.02	1116	99.0	361	1765
	P2 = 9.84	RAM	1.00	1.64	-.69	-.00	1.01	1.00	-.00
	T2 = 531	BLEED	.05	-3.86	2.75	-.57	-1.92	.05	-.00
	ERI = 0	POWER	.05	-1.92	2.76	.06	.19	.05	-.00
.60	NR = 1.00	1.28	7830	12300	1.06	1130	104.4	381	1765
	P2 =10.58	RAM	1.00	2.09	-1.21	-.00	1.01	1.00	-.00
	T2 = 542	BLEED	.05	-4.50	3.49	-.54	-1.89	.05	.00
	ERI = 0	POWER	.00	-2.00	2.79	.05	.18	.00	-.00
.90	NR = 1.00	1.69	14500	13500	1.14	1188	127.8	470	1765
	P2 =14.03	RAM	1.00	2.05	-1.15	-.00	1.01	1.00	.00
	T2 = 587	BLEED	.14	-4.97	4.14	-.53	-1.83	.14	-.01
	ERI = 0	POWER	.04	-1.75	2.41	.03	.14	.04	.00
1.15	NR = .994	2.26	22900	14900	1.20	1252	156.0	580	1765
	P2 =18.75	RAM	1.01	2.02	-1.11	-.00	1.01	1.01	-.00
	T2 = 639	BLEED	.08	-5.89	5.39	-.55	-1.85	.08	.01
	ERI = 0	POWER	-.01	-1.75	2.39	.03	.13	-.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.21	11656	1226	1281	17300	13800	.84	550	6.6
	RAM	1.01	1.01	.00	-.05	1.58	1.72	-.78	.00	.00
	BLEED	-2.91	-1.29	-.67	1.74	-2.91	-3.66	2.51	.11	.00
	POWER	-3.40	.90	-.29	3.42	-1.91	-2.43	3.38	.20	.00
.40	1.12	2.28	12006	1228	1285	18600	13900	.86	548	6.6
	RAM	1.01	1.01	.00	-.05	1.55	1.74	-.80	.00	.00
	BLEED	-2.91	-1.29	-.65	1.72	-2.87	-3.87	2.74	.08	85.86
	POWER	-3.23	.85	-.25	3.21	-1.78	-2.43	3.34	.12	.00
.50	1.19	2.37	12459	1230	1293	20100	13900	.89	545	15.1
	RAM	1.01	1.01	.00	-.05	1.52	1.75	-.82	.00	11.26
	BLEED	-2.89	-1.27	-.62	1.70	-2.79	-4.04	2.95	.05	.00
	POWER	-3.04	.80	-.21	2.97	-1.65	-2.40	3.25	.05	.00
.60	1.28	2.49	13023	1233	1301	21800	14000	.93	541	15.1
	RAM	1.01	1.01	.00	-.05	1.49	1.77	-.83	.00	.00
	BLEED	-2.89	-1.24	-.61	1.71	-2.69	-4.22	3.18	.05	.00
	POWER	-2.85	.75	-.18	2.76	-1.49	-2.33	3.13	.00	.00
.90	1.69	2.98	15343	1247	1332	29200	14700	1.04	523	15.1
	RAM	1.01	1.01	.00	-.05	1.40	1.79	-.86	.00	.00
	BLEED	-2.93	-1.13	-.59	1.89	-2.34	-4.78	3.92	.14	.00
	POWER	-2.35	.63	-.17	2.36	-.98	-1.99	2.67	.04	.00
1.15	2.26	3.57	17907	1260	1377	38700	15800	1.13	505	15.1
	RAM	1.02	1.02	.00	-.01	1.34	1.82	-.89	.00	.00
	BLEED	-3.33	-.98	-.49	2.18	-2.28	-5.70	5.17	.08	.00
	POWER	-2.20	.59	-.09	2.11	-.78	-1.91	2.55	-.01	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	3240	11100	.95	1066	85.0	315	1709
	P2 =	8.83	RAM	1.03	1.57	-.69	-.01	.99	1.03	-.05
	T2 =	514	BLEED	.12	-.52	2.71	-.38	-1.04	.12	2.19
	ERI =	0	POWER	-.69	2.50	5.02	.53	1.82	-.69	4.25
.40	NR =	1.00	1.12	4470	10900	.99	1075	88.0	326	1716
	P2 =	9.26	RAM	1.03	1.61	-.74	-.01	.99	1.03	-.06
	T2 =	521	BLEED	.26	-1.00	2.88	-.40	-1.13	.26	1.93
	ERI =	0	POWER	-.67	2.86	4.40	.51	1.75	-.67	4.10
.50	NR =	1.00	1.19	5840	11400	1.00	1087	92.2	341	1727
	P2 =	9.84	RAM	1.03	1.62	-.74	-.01	.99	1.03	-.05
	T2 =	531	BLEED	.46	-1.92	3.15	-.44	-1.28	.46	1.47
	ERI =	0	POWER	-.46	2.44	3.92	.44	1.51	-.46	3.53
.60	NR =	1.00	1.28	7390	11300	1.06	1102	97.3	360	1739
	P2 =	10.58	RAM	1.03	1.63	-.75	-.01	.99	1.03	-.05
	T2 =	542	BLEED	.61	-3.04	3.68	-.47	-1.43	.61	1.01
	ERI =	0	POWER	.17	.42	4.04	.30	1.04	.17	2.29
.90	NR =	1.00	1.69	13500	11800	1.18	1151	115.4	438	1765
	P2 =	14.03	RAM	1.00	2.16	-1.29	.00	1.01	1.00	.00
	T2 =	587	BLEED	.50	-4.91	4.03	-.61	-1.89	.50	-.01
	ERI =	0	POWER	.47	-1.79	2.57	.05	.17	.47	-.00
1.15	NR =	.994	2.26	20400	12300	1.24	1196	133.1	519	1759
	P2 =	18.76	RAM	1.01	2.23	-1.38	-.00	1.01	1.01	-.01
	T2 =	639	BLEED	.61	-5.42	4.99	-.60	-1.92	.61	.24
	ERI =	0	POWER	.44	-1.03	2.38	.08	.30	.44	.38

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.12	10469	1190	1249	15800	12500	.84	523	15.1
	RAM	.95	.93	-.05	.00	1.57	1.72	-.85	.03	.00
	BLEED	-.22	2.17	1.19	.00	-.40	-.54	2.73	.12	.00
	POWER	1.37	7.59	3.66	.00	1.97	2.66	4.86	-.69	.00
.40	1.12	2.20	10829	1196	1249	17100	12600	.86	519	15.1
	RAM	.94	.93	-.06	.00	1.54	1.73	-.88	.03	.00
	BLEED	-.58	1.80	.90	.35	-.61	-.92	2.76	.26	-37.53
	POWER	1.35	7.33	3.51	.00	1.83	2.72	4.53	-.67	.00
.50	1.19	2.31	11340	1205	1249	18600	12700	.89	515	6.6
	RAM	.96	.94	-.05	.00	1.51	1.73	-.87	.03	-25.76
	BLEED	-1.18	1.14	.44	.86	-.93	-1.57	2.78	.46	.00
	POWER	.88	6.42	2.93	.14	1.58	2.52	3.84	-.46	.00
.60	1.28	2.44	11952	1216	1249	20200	12800	.93	510	6.6
	RAM	.96	.94	-.04	.00	1.48	1.74	-.87	.03	.00
	BLEED	-1.77	.47	.01	1.39	-1.27	-2.36	2.93	.61	.00
	POWER	-.51	4.47	1.59	1.43	.79	1.15	3.30	.17	.00
.90	1.69	2.93	13953	1232	1258	26900	13400	1.04	488	15.1
	RAM	1.01	1.01	.01	-.06	1.41	1.82	-.88	.00	.00
	BLEED	-2.82	-1.17	-.77	2.05	-2.05	-4.63	3.72	.50	.00
	POWER	-2.72	.75	-.37	3.08	-.83	-2.14	2.93	.47	.00
1.15	2.26	3.50	15357	1236	1249	34000	13600	1.13	451	15.1
	RAM	1.01	1.01	-.00	.00	1.34	1.85	-.92	.00	.00
	BLEED	-2.52	-.83	-.62	1.76	-1.58	-4.86	4.34	.61	.00
	POWER	-1.82	1.33	-.02	2.17	-.16	-1.07	2.43	.44	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	2720	6730	.97	974	62.9	265	1466
	P2 =	8.83	RAM	1.18	2.00	-1.39	-.02	.95	1.18	-.17
	T2 =	514	BLEED	.12	-.60	3.21	-.38	-1.06	.12	2.42
	ERI =	0	POWER	-.87	3.67	6.60	.65	2.45	-.87	5.50
.40	NR =	1.00	1.12	3750	6370	1.03	979	64.2	274	1456
	P2 =	9.26	RAM	1.13	2.03	-1.42	-.02	.95	1.13	-.17
	T2 =	521	BLEED	.11	-.74	3.36	-.39	-1.10	.11	2.40
	ERI =	0	POWER	-.74	4.38	5.97	.65	2.47	-.74	5.52
.50	NR =	1.00	1.19	4880	5970	1.11	986	65.9	285	1444
	P2 =	9.84	RAM	1.10	2.09	-1.52	-.02	.94	1.10	-.18
	T2 =	531	BLEED	.11	-.92	3.55	-.41	-1.14	.11	2.39
	ERI =	0	POWER	-.67	5.27	5.41	.67	2.54	-.67	5.64
.60	NR =	1.00	1.28	6130	5520	1.21	995	67.9	298	1432
	P2 =	10.58	RAM	1.07	2.25	-1.69	-.02	.95	1.07	-.17
	T2 =	542	BLEED	.09	-1.39	3.99	-.43	-1.22	.09	2.33
	ERI =	0	POWER	-.53	6.80	3.71	.65	2.48	-.53	5.42
.90	NR =	1.00	1.69	10900	4100	1.64	1027	75.8	354	1382
	P2 =	14.03	RAM	1.01	2.51	-1.85	-.01	.99	1.01	-.06
	T2 =	587	BLEED	.07	-2.33	5.21	-.41	-1.33	.07	2.28
	ERI =	0	POWER	-.32	9.30	1.87	.59	2.49	-.32	5.32
1.15	NR =	.994	2.26	16600	2960	2.23	1067	85.1	421	1331
	P2 =	18.76	RAM	1.02	3.20	-2.80	-.01	.98	1.02	-.08
	T2 =	639	BLEED	.08	-5.41	8.53	-.48	-1.55	.08	1.92
	ERI =	0	POWER	-.18	13.32	-2.34	.49	2.16	-.18	4.55

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	1.71	6530	1022	1249	10500	7740	.84	439	15.1
	RAM	.80	.75	-.21	.00	1.76	1.97	-1.36	.19	.00
	BLEED	-.17	2.59	1.25	.00	-.39	-.57	3.19	.12	.00
	POWER	1.05	10.37	4.36	.00	2.36	3.50	6.77	-.87	.00
.40	1.12	1.75	6569	1017	1249	11200	7450	.88	435	15.1
	RAM	.81	.75	-.18	.00	1.69	1.98	-1.36	.13	.00
	BLEED	-.20	2.58	1.22	.00	-.42	-.69	3.31	.11	.00
	POWER	1.16	10.46	4.28	.00	2.48	4.11	6.25	-.74	.00
.50	1.19	1.80	6609	1009	1249	12000	7130	.93	430	15.1
	RAM	.81	.73	-.18	.00	1.64	2.01	-1.43	.11	.00
	BLEED	-.23	2.59	1.18	.00	-.46	-.84	3.47	.11	.00
	POWER	1.35	10.80	4.31	.00	2.60	4.84	5.85	-.67	.00
.60	1.28	1.86	6660	1002	1249	12900	6750	.99	423	15.1
	RAM	.83	.74	-.15	.00	1.60	2.08	-1.49	.08	.00
	BLEED	-.27	2.51	1.11	.00	-.54	-1.11	3.69	.09	.00
	POWER	1.30	10.62	4.03	.00	2.58	5.41	5.09	-.53	.00
.90	1.69	2.15	6728	979	1249	16600	5670	1.19	395	15.1
	RAM	.95	.89	-.04	.00	1.55	2.58	-1.93	.01	.00
	BLEED	-.40	2.69	1.00	.00	-.64	-2.01	4.85	.07	.00
	POWER	1.62	11.25	3.71	.00	2.54	8.04	3.09	-.32	.00
1.15	2.26	2.51	6621	963	1249	21200	4640	1.43	366	6.6
	RAM	.94	.85	-.06	.00	1.44	2.94	-2.45	.01	.00
	BLEED	-.61	2.43	.69	.00	-.81	-4.00	6.84	.08	.00
	POWER	1.19	10.82	2.94	.00	1.99	9.73	1.04	-.18	.00

GENERAL ELECTRIC GE4/F4A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	2150	1830	1.51	857	38.5	209	1104
	P2 =	8.83	RAM	1.36	2.69	-3.36	-.07	.74	1.36	-.68
	T2 =	514	BLEED	.05	-1.61	5.11	-.44	-1.31	.05	2.56
	ERI =	0	POWER	-.41	10.78	9.83	1.02	4.34	-.41	9.02
.40	NR =	1.00	1.12	2970	1310	2.03	861	39.0	217	1078
	P2 =	9.26	RAM	1.31	3.23	-4.20	-.07	.73	1.31	-.70
	T2 =	521	BLEED	.05	-2.58	6.33	-.46	-1.36	.05	2.52
	ERI =	0	POWER	-.38	15.83	5.42	1.03	4.35	-.38	8.92
.50	NR =	1.00	1.19	3860	710	3.58	866	39.5	225	1045
	P2 =	9.84	RAM	1.12	4.34	-6.03	-.07	.73	1.12	-.71
	T2 =	531	BLEED	.02	-5.39	10.00	-.43	-1.37	.02	2.53
	ERI =	0	POWER	-.12	31.40	-8.53	1.03	4.34	-.12	8.81
.60	NR =	1.00	1.28	4830	20	134.86	872	40.3	235	1005
	P2 =	10.58	RAM	1.08	143.26	23.30	-.06	.75	1.08	-.65
	T2 =	542	BLEED	.02	-249.07	-92.52	-.44	-1.42	.02	2.44
	ERI =	0	POWER	-.10	1224.57	-332.72	.88	4.14	-.10	8.23
.90	NR =	1.00	1.69	8530	-2250	-.790	907	44.9	277	889
	P2 =	14.03	RAM	1.01	-.59	.32	-.04	.82	1.01	-.47
	T2 =	587	BLEED	.01	2.82	3.01	-.42	-1.46	.01	2.17
	ERI =	0	POWER	-.02	-10.00	39.68	.79	3.87	-.02	7.50
1.15	NR =	.994	2.26	12700	-4540	-.250	941	49.2	323	807
	P2 =	18.76	RAM	1.01	-.03	-.76	-.04	.85	1.01	-.42
	T2 =	639	BLEED	.01	2.16	6.62	-.56	-1.71	.01	1.67
	ERI =	0	POWER	-.02	-5.47	51.19	.82	3.87	-.02	7.28

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	1.21	2775	788	1587	4410	2260	1.23	347	6.6
	RAM	.36	-.22	-.58	.00	1.97	2.56	-3.18	.38	.00
	BLEED	-.13	3.37	1.11	.00	-.72	-1.44	4.92	.05	.00
	POWER	.82	20.83	5.71	.00	4.74	9.64	10.97	-.41	.00
.40	1.12	1.22	2672	775	1587	4750	1770	1.51	345	6.6
	RAM	.37	-.30	-.56	.00	1.90	2.89	-3.72	.33	.00
	BLEED	-.14	3.50	1.06	.00	-.76	-2.11	5.79	.05	.00
	POWER	.84	21.42	5.50	.00	4.59	12.93	8.28	-.38	.00
.50	1.19	1.23	2530	762	1587	5060	1190	2.12	341	6.6
	RAM	.31	-.38	-.48	.00	1.62	3.23	-4.30	.13	.00
	BLEED	-.16	3.81	1.06	.00	-.82	-3.52	7.74	.02	.00
	POWER	.95	22.31	5.20	.00	4.76	20.53	1.71	-.12	.00
.60	1.28	1.25	2355	748	1587	5370	540	4.40	334	6.6
	RAM	.33	-.35	-.41	.00	1.59	6.21	-9.51	.08	.00
	BLEED	-.18	4.07	.99	.00	-.88	-8.97	15.07	.02	.00
	POWER	.82	22.70	4.71	.00	4.31	44.12	-19.57	-.10	.00
.90	1.69	1.33	1778	719	1587	6950	-1580	-1.125	308	6.6
	RAM	.40	-.26	-.24	.00	1.58	-1.52	1.17	.01	.00
	BLEED	-.26	5.95	.85	.00	-.99	4.43	1.43	.01	.00
	POWER	.93	28.71	3.84	.00	3.55	-15.76	46.25	-.02	.00
1.15	2.26	1.43	1147	712	1587	9040	-3670	-.310	281	6.6
	RAM	.50	-.79	-.19	.00	1.59	-.42	-.37	.01	.00
	BLEED	-.38	9.00	.62	.00	-1.18	2.96	5.79	.01	.00
	POWER	.91	44.97	3.33	.00	3.00	-7.48	53.52	-.02	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	1480	-340	-3.970	753	23.2	144	978
	P2 =	8.83	RAM	1.46	-.05	-2.00	-.17	.39	1.46	-1.45
	T2 =	514	BLEED	.02	2.92	.93	-.49	-1.34	.02	2.57
	ERI =	0	POWER	-.14	-36.55	87.30	2.26	8.42	-.14	18.30
.40	NR =	1.00	1.12	2040	-820	-1.530	756	23.4	149	941
	P2 =	9.26	RAM	1.18	.60	-2.29	-.14	.49	1.18	-1.21
	T2 =	521	BLEED	.02	1.37	2.81	-.48	-1.36	.02	2.54
	ERI =	0	POWER	-.13	-15.18	65.54	1.95	8.15	-.13	17.53
.50	NR =	1.00	1.19	2670	-1360	-.830	759	23.7	156	896
	P2 =	9.84	RAM	1.16	.75	-2.63	-.13	.51	1.16	-1.16
	T2 =	531	BLEED	.02	.93	3.65	-.52	-1.43	.02	2.41
	ERI =	0	POWER	-.10	-12.58	67.94	2.02	8.29	-.10	17.54
.60	NR =	1.00	1.28	3370	-1950	-.495	762	24.0	164	842
	P2 =	10.58	RAM	1.10	.78	-3.14	-.13	.49	1.10	-1.18
	T2 =	542	BLEED	.02	.81	4.43	-.55	-1.50	.02	2.26
	ERI =	0	POWER	-.10	-6.81	70.43	2.11	8.49	-.10	17.61
.90	NR =	1.00	1.69	7430	-4440	-.175	850	34.5	241	745
	P2 =	14.03	RAM	1.63	.75	-.78	.23	1.72	1.63	-.50
	T2 =	587	BLEED	-2.40	.32	-.32	-1.76	-5.59	-2.40	.64
	ERI =	100	POWER	-17.14	-6.42	6.49	-6.78	-22.90	-17.14	2.58
1.15	NR =	.994	2.26	12900	-5020	-.210	943	49.7	326	789
	P2 =	18.76	RAM	1.49	-.26	2.01	.22	1.77	1.49	-.02
	T2 =	639	BLEED	-2.90	4.04	-10.59	-2.07	-7.19	-2.90	-.91
	ERI =	100	POWER	-10.57	4.49	-21.05	-4.67	-16.82	-10.57	-2.27

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 15000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	1.04	1355	706	2400	1250	-220	-6.060	238	6.6
	RAM	.06	-2.05	-1.04	.00	1.91	-1.05	-.95	.49	.00
	BLEED	-.02	3.89	1.04	.00	-.86	4.89	-.93	.02	.00
	POWER	.40	47.82	10.44	.00	10.77	-61.19	115.49	-.14	.00
.40	1.12	1.04	1256	693	2400	1340	-700	-1.805	237	6.6
	RAM	.05	-1.62	-.74	.00	1.56	.43	-2.10	.19	.00
	BLEED	-.04	4.24	1.00	.00	-.89	1.77	2.41	.02	.00
	POWER	.36	49.45	9.67	.00	9.99	-19.66	70.38	-.13	.00
.50	1.19	1.04	1128	677	2400	1450	-1220	-.925	235	6.6
	RAM	.07	-1.77	-.68	.00	1.56	.67	-2.53	.16	.00
	BLEED	-.04	4.63	.92	.00	-.91	1.13	3.44	.02	.00
	POWER	.37	54.57	9.20	.00	12.74	-15.34	70.92	-.10	.00
.60	1.28	1.04	964	660	2400	1560	-1810	-.535	232	6.6
	RAM	.06	-2.23	-.64	.00	1.53	.73	-3.07	.10	.00
	BLEED	-.05	5.29	.83	.00	-1.06	.95	4.28	.02	.00
	POWER	.37	63.17	8.85	.00	9.15	-8.06	71.77	-.10	.00
.90	1.69	1.09	780	653	2400	3280	-4150	-.190	268	6.6
	RAM	.26	.00	-.18	.00	2.92	.62	-.64	.67	.00
	BLEED	-.59	.00	-.03	.00	-6.39	.75	-.74	-2.40	.00
	POWER	-2.72	.00	-.06	.00	-32.82	-4.78	4.8	-17.14	.00
1.15	2.26	1.38	1053	705	1690	8670	-4180	-.250	284	6.6
	RAM	.78	1.77	.03	.00	2.62	-.84	2.51	.51	.00
	BLEED	-2.19	-7.19	-.74	.00	-7.35	6.32	-12.34	-2.90	.00
	POWER	-6.05	-16.82	-1.85	.00	-20.22	9.43	-25.5	-10.57	.00

≤ 25000 FEET

GEI 94219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	2250	18200	2.40	961	63.5	237	1611
	P2 =	5.81	RAM	1.00	1.74	-.91	-.00	1.01	1.00	-.00
	T2 =	437	BLEED	.88	-2.72	1.11	-.69	-1.97	.88	.00
	ERI =	101	POWER	1.90	-1.22	1.66	.09	.31	1.90	-.00
.60	NR =	1.00	1.28	5280	22300	2.31	1009	75.8	278	1680
	P2 =	6.96	RAM	1.00	1.63	-.77	-.00	1.01	1.00	-.00
	T2 =	461	BLEED	.69	-2.96	1.37	-.68	-1.95	.69	.01
	ERI =	101	POWER	1.35	-1.50	1.98	.10	.32	1.35	.04
.90	NR =	1.00	1.69	10100	29700	2.22	1079	98.5	355	1765
	P2 =	9.23	RAM	1.00	1.51	-.61	-.00	1.01	1.00	-.00
	T2 =	499	BLEED	.27	-3.21	1.59	-.68	-1.96	.27	-.00
	ERI =	0	POWER	.43	-1.62	1.98	.07	.22	.43	-.00
1.20	NR =	.991	2.41	17600	38000	2.19	1146	127.1	464	1765
	P2 =	13.12	RAM	1.01	1.40	-.46	-.00	1.02	1.01	-.00
	T2 =	554	BLEED	.07	-4.76	-.56	-.53	-1.86	.07	.01
	ERI =	0	POWER	-.01	-3.40	-1.69	.03	.14	-.01	.00
1.50	NR =	.971	3.57	29200	47400	2.05	1233	166.3	616	1765
	P2 =	19.44	RAM	1.03	1.43	-.43	-.00	1.03	1.03	.00
	T2 =	623	BLEED	.10	-6.21	-.41	-.55	-1.84	.10	-.01
	ERI =	1	POWER	.01	-3.70	-1.31	.03	.11	.01	-.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO	P2/PO	P8/PO	WFT	T8	AB	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.23	43779	3199	2291	21100	18900	2.32	552	6.6
	RAM	1.01	.91	.02	-.01	1.58	1.65	-.80	.00	.00
	BLEED	-3.17	-1.65	-1.05	2.41	-2.62	-3.03	1.45	.88	.00
	POWER	-5.26	.43	-1.18	6.30	-1.87	-2.32	2.78	1.90	.00
.60	1.28	2.66	51671	3257	2279	28200	22900	2.25	554	6.6
	RAM	1.01	.92	.01	-.02	1.47	1.57	-.70	.00	.00
	BLEED	-3.41	-1.65	-.93	2.54	-2.49	-3.22	1.65	.69	.00
	POWER	-5.22	.47	-.84	6.00	-1.60	-2.28	2.78	1.35	.00
.90	1.69	3.40	66081	3335	2301	40300	30200	2.19	555	6.6
	RAM	1.02	.94	-.00	-.02	1.36	1.48	-.58	.00	.00
	BLEED	-3.20	-1.70	-.76	2.01	-2.35	-3.22	1.60	.27	.00
	POWER	-3.86	.33	-.32	4.05	-1.15	-1.68	2.04	.43	.00
1.20	2.41	4.26	83344	3329	2389	56400	38800	2.15	537	6.6
	RAM	1.02	.96	-.01	-.02	1.30	1.43	-.51	.01	.00
	BLEED	-2.86	-5.29	-2.52	.34	-3.30	-4.83	-.50	.07	.00
	POWER	-2.34	-5.03	-2.67	.60	-2.36	-3.42	-1.66	-.01	.00
1.50	3.57	5.43	97369	3159	2400	77300	48100	2.03	510	3.0
	RAM	1.03	1.04	.00	.00	1.28	1.43	-.43	.00	.00
	BLEED	-3.08	-6.59	-3.69	-.02	-3.81	-6.19	-.44	.10	.00
	POWER	-1.86	-4.96	-3.10	-.01	-2.29	-3.69	-1.33	.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR	= 1.00	1.06	2250	16200	2.08	961	63.5	237	1611
	P2	= 5.81	RAM	1.00	1.76	-.92	-.00	1.01	1.00	-.00
	T2	= 437	BLEED	.88	-2.81	1.22	-.69	-1.97	.88	.00
	ERI	= 101	POWER	1.90	-1.09	1.58	.09	.31	1.90	-.00
.60	NR	= 1.00	1.28	5280	19700	2.02	1009	75.8	278	1680
	P2	= 6.96	RAM	1.00	1.68	-.81	-.00	1.01	1.00	-.00
	T2	= 461	BLEED	.69	-3.07	1.50	-.68	-1.95	.69	.01
	ERI	= 101	POWER	1.35	-1.30	1.84	.10	.32	1.35	.04
.90	NR	= 1.00	1.69	10100	26200	1.94	1079	98.5	355	1765
	P2	= 9.23	RAM	1.00	1.57	-.67	-.00	1.01	1.00	-.00
	T2	= 499	BLEED	.27	-3.32	1.74	-.68	-1.96	.27	-.00
	ERI	= 0	POWER	.43	-1.40	1.80	.07	.22	.43	-.00
1.20	NR	= .991	2.41	17600	33700	1.91	1146	127.1	464	1765
	P2	=13.12	RAM	1.01	1.44	-.51	-.00	1.02	1.01	-.00
	T2	= 554	BLEED	.07	-3.24	1.71	-.53	-1.86	.07	.01
	ERI	= 0	POWER	-.01	-1.02	1.28	.03	.14	-.01	.00
1.50	NR	= .971	3.57	29200	42800	1.92	1233	166.3	616	1765
	P2	=19.44	RAM	1.03	1.45	-.49	-.00	1.03	1.03	.00
	T2	= 623	BLEED	.10	-3.39	1.90	-.55	-1.84	.10	-.01
	ERI	= 0	POWER	.01	-.70	.90	.03	.11	.01	-.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.27	33569	2747	2066	19500	17200	1.95	552	6.6
	RAM	1.01	.92	-.00	-.02	1.56	1.63	-.77	.00	.00
	BLEED	-3.06	-1.64	-1.27	2.19	-2.60	-3.05	1.48	.88	.00
	POWER	-5.00	.48	-1.45	5.90	-1.75	-2.23	2.74	1.90	.00
.60	1.28	2.70	39757	2803	2057	26000	20700	1.92	554	6.6
	RAM	1.01	.93	-.00	-.03	1.45	1.56	-.68	.00	.00
	BLEED	-3.30	-1.63	-1.13	2.35	-2.48	-3.28	1.74	.69	.00
	POWER	-5.00	.53	-.98	5.69	-1.49	-2.22	2.78	1.35	.00
.90	1.69	3.46	51042	2874	2077	37000	26900	1.89	555	6.6
	RAM	1.02	.95	-.01	-.02	1.35	1.48	-.57	.00	.00
	BLEED	-3.11	-1.67	-.89	1.88	-2.34	-3.31	1.72	.27	.00
	POWER	-3.71	.37	-.34	3.87	-1.08	-1.64	2.04	.43	.00
1.20	2.41	4.33	64356	2862	2152	51800	34200	1.88	537	6.6
	RAM	1.02	.97	-.01	-.02	1.30	1.44	-.51	.01	.00
	BLEED	-3.03	-1.61	-.66	1.72	-2.19	-3.35	1.82	.07	.00
	POWER	-2.59	.25	-.02	2.51	-.77	-1.16	1.43	-.01	.00
1.50	3.57	5.50	82174	2849	2237	72900	43700	1.88	510	3.0
	RAM	1.04	.99	-.02	-.02	1.26	1.42	-.46	.00	.00
	BLEED	-3.43	-1.59	-.61	2.20	-2.08	-3.54	2.06	.10	.00
	POWER	-2.21	.19	-.01	2.19	-.53	-.89	1.09	.01	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	2250	13300	1.75	961	63.5	237	1611
	P2 =	5.81	RAM	1.00	1.63	-.75	-.00	1.01	1.00	-.00
	T2 =	437	BLEED	.88	-3.06	1.52	-.69	-1.97	.88	.00
	ERI =	101	POWER	1.90	-2.12	2.73	.09	.31	1.90	-.00
.60	NR =	1.00	1.28	5280	15900	1.75	1009	75.8	278	1680
	P2 =	6.96	RAM	1.00	1.78	-.90	-.00	1.01	1.00	-.00
	T2 =	461	BLEED	.69	-3.06	1.53	-.68	-1.95	.69	.01
	ERI =	101	POWER	1.35	-.72	1.35	.10	.32	1.35	.04
.90	NR =	1.00	1.69	10100	21300	1.69	1079	98.5	355	1765
	P2 =	9.23	RAM	1.00	1.68	-.78	-.00	1.01	1.00	-.00
	T2 =	499	BLEED	.27	-3.46	1.92	-.68	-1.96	.27	-.00
	ERI =	0	POWER	.43	-1.14	1.60	.07	.22	.43	-.00
1.20	NR =	.991	2.41	17600	27400	1.66	1146	127.1	464	1765
	P2 =	13.12	RAM	1.01	1.54	-.60	-.00	1.02	1.01	-.00
	T2 =	554	BLEED	.07	-3.45	1.98	-.53	-1.86	.07	.01
	ERI =	0	POWER	-.01	-.92	1.23	.03	.14	-.01	.00
1.50	NR =	.971	3.57	29200	34800	1.66	1233	166.3	616	1765
	P2 =	19.44	RAM	1.03	1.46	-.49	-.00	1.03	1.03	.00
	T2 =	623	BLEED	.10	-3.67	2.26	-.55	-1.84	.10	-.01
	ERI =	0	POWER	.01	-.79	1.03	.03	.11	.01	-.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.31	23359	2172	1782	17300	15000	1.56	552	6.6
	RAM	1.01	.95	.00	-.02	1.54	1.62	-.74	.00	.00
	BLEED	-2.97	-1.62	-1.32	2.11	-2.49	-3.00	1.45	.88	.00
	POWER	-4.76	.58	-1.51	5.64	-1.54	-2.06	2.66	1.90	.00
.60	1.28	2.75	27843	2228	1778	23000	17700	1.57	554	6.6
	RAM	1.01	.96	.00	-.03	1.44	1.57	-.67	.00	.00
	BLEED	-3.21	-1.60	-1.16	2.28	-2.39	-3.31	1.80	.69	.00
	POWER	-4.78	.63	-1.00	5.51	-1.32	-2.12	2.78	1.35	.00
.90	1.69	3.52	36003	2296	1798	32800	22700	1.59	555	6.6
	RAM	1.02	.97	-.00	-.02	1.34	1.49	-.57	.00	.00
	BLEED	-3.04	-1.63	-.89	1.82	-2.27	-3.40	1.87	.27	.00
	POWER	-3.56	.45	-.35	3.73	-.99	-1.62	2.09	.43	.00
1.20	2.41	4.42	45367	2294	1865	45800	28300	1.61	537	6.6
	RAM	1.02	.99	-.01	-.01	1.29	1.47	-.52	.01	.00
	BLEED	-2.96	-1.57	-.68	1.67	-2.14	-3.51	2.05	.07	.00
	POWER	-2.48	.30	-.04	2.42	-.73	-1.18	1.50	-.01	.00
1.50	3.57	5.62	57763	2292	1941	64600	35400	1.63	510	6.6
	RAM	1.03	1.00	-.02	-.01	1.26	1.45	-.48	.00	.00
	BLEED	-3.33	-1.53	-.63	2.11	-2.03	-3.78	2.39	.10	.00
	POWER	-2.11	.23	-.02	2.08	-.50	-.92	1.16	.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR = 1.00	1.06	2250	10600	1.25	961	63.5	237	1611
	P2 = 5.81	RAM	1.00	1.49	-.97	-.00	1.01	1.00	-.00
	T2 = 437	BLEED	.88	-2.74	2.07	-.69	-1.97	.88	.00
	ERI = 101	POWER	1.90	-2.04	2.76	.09	.31	1.90	-.00
.60	NR = 1.00	1.28	5280	11900	1.34	1009	75.8	278	1680
	P2 = 6.96	RAM	1.00	1.63	-.68	-.00	1.01	1.00	-.00
	T2 = 461	BLEED	.69	-3.60	2.21	-.68	-1.95	.69	.01
	ERI = 101	POWER	1.35	-2.24	3.16	.10	.32	1.35	.04
.90	NR = 1.00	1.69	10100	14800	1.42	1079	98.5	355	1765
	P2 = 9.23	RAM	1.00	1.71	-.76	-.00	1.01	1.00	-.00
	T2 = 499	BLEED	.27	-3.93	2.55	-.68	-1.96	.27	-.00
	ERI = 0	POWER	.43	-1.27	1.91	.07	.22	.43	-.00
1.20	NR = .991	2.41	17600	18500	1.42	1146	127.1	464	1765
	P2 =13.12	RAM	1.01	1.82	-.89	-.00	1.02	1.01	-.00
	T2 = 554	BLEED	.07	-4.14	2.85	-.53	-1.86	.07	.01
	ERI = 0	POWER	-.01	-.92	1.36	.03	.14	-.01	.00
1.50	NR = .971	3.57	29200	23700	1.41	1233	166.3	616	1765
	P2 =19.44	RAM	1.03	1.72	-.75	-.00	1.03	1.03	.00
	T2 = 623	BLEED	.10	-4.61	3.46	-.55	-1.84	.10	-.01
	ERI = 0	POWER	.01	-1.00	1.34	.03	.11	.01	-.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.36	13308	1502	1440	14300	12000	1.11	552	6.6
	RAM 1.02	.59	-.26	-.18	1.40	1.48	-.95	.00	.00	
	BLEED -2.91	-.75	-.80	2.38	-2.11	-2.67	2.00	.88	.00	
	POWER -4.53	.70	-1.61	5.41	-1.36	-1.96	2.68	1.90	.00	
.60	1.28	2.81	15929	1547	1436	19000	13700	1.16	554	6.6
	RAM 1.01	1.01	.02	-.03	1.44	1.60	-.65	.00	.00	
	BLEED -3.12	-1.51	-1.15	2.26	-2.29	-3.43	2.02	.69	.00	
	POWER -4.57	.89	-.98	5.39	-1.13	-2.09	3.01	1.35	.00	
.90	1.69	3.59	20964	1618	1463	27200	17100	1.22	555	6.6
	RAM 1.01	1.01	.02	-.00	1.34	1.54	-.58	.00	.00	
	BLEED -2.97	-1.53	-.88	1.77	-2.19	-3.65	2.24	.27	.00	
	POWER -3.42	.63	-.36	3.58	-.90	-1.69	2.34	.43	.00	
1.20	2.41	4.51	26379	1631	1523	38200	20600	1.28	537	6.6
	RAM 1.02	1.02	.01	-.00	1.29	1.53	-.55	.01	.00	
	BLEED -2.89	-1.46	-.68	1.60	-2.08	-3.92	2.61	.07	.00	
	POWER -2.38	.42	-.09	2.27	-.70	-1.30	1.74	-.01	.00	
1.50	3.57	5.74	33351	1645	1591	54000	24800	1.34	510	6.6
	RAM 1.03	1.03	.00	-.00	1.26	1.53	-.54	.00	.00	
	BLEED -3.23	-1.38	-.62	2.00	-1.97	-4.40	3.23	.10	.00	
	POWER -2.02	.33	-.06	1.95	-.48	-1.06	1.41	.01	.00	

GET 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	2250	8810	.89	961	63.5	237	1611
	P2 =	5.81	RAM	1.00	1.65	-.69	-.00	1.01	1.00	-.00
	T2 =	437	BLEED	.88	-2.89	1.68	-.69	-1.97	.88	.00
	ERI =	101	POWER	1.90	-1.61	2.93	.09	.31	1.90	-.00
.60	NR =	1.00	1.28	5280	9980	.96	1009	75.8	278	1680
	P2 =	6.96	RAM	1.00	1.91	-1.00	-.00	1.01	1.00	-.00
	T2 =	461	BLEED	.69	-3.47	2.39	-.68	-1.95	.69	.01
	ERI =	101	POWER	1.35	-1.04	2.31	.10	.32	1.35	.04
.90	NR =	1.00	1.69	10100	12600	1.01	1079	98.5	355	1765
	P2 =	9.23	RAM	1.00	1.75	-.81	-.00	1.01	1.00	-.00
	T2 =	499	BLEED	.27	-4.03	2.95	-.68	-1.96	.27	-.00
	ERI =	0	POWER	.43	-1.62	2.54	.07	.22	.43	-.00
1.20	NR =	.991	2.41	17600	14800	1.06	1146	127.1	464	1765
	P2 =	13.12	RAM	1.01	1.69	-.73	-.00	1.02	1.01	-.00
	T2 =	554	BLEED	.07	-4.58	3.64	-.53	-1.86	.07	.01
	ERI =	0	POWER	-.01	-1.56	2.20	.03	.14	-.01	.00
1.50	NR =	.971	3.57	29200	15600	1.24	1233	166.3	616	1765
	P2 =	19.44	RAM	1.03	2.08	-1.17	-.00	1.03	1.03	.00
	T2 =	623	BLEED	.10	-5.89	5.31	-.55	-1.84	.10	-.01
	ERI =	0	POWER	.01	-1.32	1.84	.03	.11	.01	-.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.39	7808	1112	1222	12200	9990	.780	552	15.1
	RAM	1.01	1.01	.01	-.05	1.52	1.63	-.68	.00	.00
	BLEED	-2.85	-1.28	-1.11	2.20	-2.20	-2.89	1.68	.88	-37.53
	POWER	-4.41	1.19	-1.44	5.45	-1.14	-1.82	3.03	1.9	35.71
.60	1.28	2.84	9549	1161	1223	16400	11100	.86	554	15.1
	RAM	1.01	1.01	.01	-.06	1.42	1.62	-.67	.00	.00
	BLEED	-3.08	-1.21	-.96	2.39	-2.13	-3.47	2.38	.69	.00
	POWER	-4.45	1.26	-.90	5.39	-.99	-2.11	3.41	1.35	.00
.90	1.69	3.63	12679	1223	1249	23500	13400	.95	555	15.1
	RAM	1.01	1.01	.00	-.01	1.33	1.58	-.61	.00	.00
	BLEED	-2.94	-1.25	-.74	1.83	-2.08	-3.86	2.76	.27	.00
	POWER	-3.33	.89	-.37	3.52	-.86	-1.83	2.75	.43	.00
1.20	2.41	4.57	15686	1238	1302	33000	15400	1.02	537	15.1
	RAM	1.02	1.02	.00	-.01	1.28	1.59	-.62	.01	.00
	BLEED	-2.86	-1.19	-.59	1.62	-2.01	-4.37	3.40	.07	.00
	POWER	-2.32	.62	-.15	2.20	-.71	-1.50	2.15	-.01	.00
1.50	3.57	5.82	19354	1256	1363	46800	17600	1.10	510	6.6
	RAM	1.03	1.03	.00	-.00	1.26	1.63	-.65	.00	.00
	BLEED	-3.18	-1.05	-.53	2.02	-1.89	-5.19	4.49	.10	.00
	POWER	-1.96	.49	-.12	1.88	-.49	-1.31	1.83	.01	.00

GEI 04219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	2270	8910	.85	958	63.0	240	1578
	P2 =	5.81	RAM	1.02	1.91	-1.08	-.01	.99	1.02	-.05
	T2 =	437	BLEED	.24	-1.71	2.61	-.52	-1.43	.24	1.41
	ERI =	101	POWER	-.40	3.11	5.86	.69	2.33	-.40	5.09
.60	NR =	1.00	1.28	5240	9230	.95	991	73.0	276	1611
	P2 =	6.96	RAM	1.02	1.90	-1.07	-.01	.99	1.02	-.05
	T2 =	461	BLEED	.07	-.97	2.82	-.45	-1.19	.07	2.06
	ERI =	0	POWER	-.37	4.35	3.74	.63	2.08	-.37	4.59
.90	NR =	1.00	1.69	9710	10800	1.01	1044	90.8	341	1664
	P2 =	9.23	RAM	1.00	1.88	-.98	-.00	1.00	1.00	-.01
	T2 =	499	BLEED	.11	-.94	3.02	-.38	-1.08	.11	2.13
	ERI =	0	POWER	-.35	3.88	2.77	.48	1.63	-.35	3.75
1.20	NR =	.991	2.41	16600	13400	1.07	1115	117.1	437	1737
	P2 =	13.12	RAM	1.01	1.74	-.80	-.00	1.01	1.01	-.01
	T2 =	554	BLEED	.43	-2.70	3.39	-.48	-1.43	.43	1.07
	ERI =	0	POWER	.05	1.73	2.11	.26	.90	.05	1.98
1.50	NR =	.971	3.57	29200	15600	1.24	1233	166.3	616	1765
	P2 =	19.44	RAM	1.03	2.08	-1.17	-.00	1.03	1.03	.00
	T2 =	623	BLEED	.10	-5.89	5.31	-.55	-1.84	.10	-.01
	ERI =	0	POWER	.01	-1.32	1.84	.03	.11	.01	-.02

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.33	7564	1086	1249	12100	9780	.775	557	6.6
	RAM	.95	.94	-.05	.00	1.50	1.61	-.73	.02	-25.76
	BLEED	-1.24	.84	.44	.73	-1.18	-1.51	2.40	.24	.00
	POWER	1.49	9.04	4.24	.27	2.63	3.33	5.63	-.40	.00
.60	1.28	2.71	8800	1113	1249	15600	10300	.85	550	15.1
	RAM	.95	.94	-.04	.00	1.41	1.60	-.72	.02	.00
	BLEED	-.35	1.82	1.07	.00	-.52	-.82	2.67	.07	.00
	POWER	1.55	8.17	3.80	.00	2.33	3.70	4.40	-.37	.00
.90	1.69	3.39	10990	1157	1249	21400	11700	.94	533	15.1
	RAM	1.00	.99	-.01	.00	1.34	1.63	-.69	.01	.00
	BLEED	-.34	2.04	1.13	.00	-.40	-.82	2.90	.11	.00
	POWER	1.21	6.71	3.06	.00	1.72	3.43	3.21	-.35	.00
1.20	2.41	4.45	14247	1214	1249	30600	14000	1.02	506	15.1
	RAM	1.01	1.01	-.00	.00	1.28	1.60	-.65	.00	.00
	BLEED	-1.64	.55	.14	1.12	-.94	-2.56	3.24	.43	.00
	POWER	-.32	3.87	1.42	1.08	.74	1.56	2.28	.05	.00
1.50	3.57	5.82	19354	1256	1363	46800	17600	1.10	510	6.6
	RAM	1.03	1.03	.00	-.00	1.26	1.63	-.65	.00	.00
	BLEED	-3.18	-1.05	-.53	2.02	-1.89	-5.19	4.49	.10	.00
	POWER	-1.96	.49	-.12	1.88	-.49	-1.31	1.83	.01	.00

GEI 64219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	2070	6610	.85	895	52.8	218	1399
	P2 =	5.81	RAM	1.08	1.73	-1.01	-.02	.96	1.08	-.14
	T2 =	437	BLEED	.10	-.52	2.85	-.38	-1.00	.10	2.34
	ERI =	0	POWER	-1.23	4.44	8.75	.94	3.19	-1.23	7.75
.60	NR =	1.00	1.28	4690	6510	.96	922	59.2	247	1422
	P2 =	6.96	RAM	1.02	1.83	-1.01	-.01	.99	1.02	-.04
	T2 =	461	BLEED	.12	-.77	3.02	-.42	-1.07	.12	2.25
	ERI =	0	POWER	-.79	5.49	6.18	.84	2.83	-.79	6.71
.90	NR =	1.00	1.69	8400	6110	1.14	958	68.6	295	1418
	P2 =	9.23	RAM	1.02	2.35	-1.63	-.01	.99	1.02	-.06
	T2 =	499	BLEED	.11	-1.24	3.75	-.40	-1.10	.11	2.31
	ERI =	0	POWER	-.55	7.48	3.09	.67	2.48	-.55	5.79
1.20	NR =	.991	2.41	13700	5820	1.26	1000	79.6	362	1376
	P2 =	13.12	RAM	1.01	2.61	-1.85	-.00	1.02	1.01	-.01
	T2 =	554	BLEED	.09	-2.30	4.85	-.44	-1.33	.09	2.16
	ERI =	0	POWER	-.35	8.95	1.54	.62	2.40	-.35	5.24
1.50	NR =	.971	3.57	29200	15600	1.24	1233	166.3	616	1765
	P2 =	19.44	RAM	1.03	2.08	-1.17	-.00	1.03	1.03	.00
	T2 =	623	BLEED	.10	-5.89	5.31	-.55	-1.84	.10	-.01
	ERI =	0	POWER	.01	-1.32	1.84	.03	.11	.01	-.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	2.01	5612	970	1249	9500	7430	.755	507	15.1
	RAM	.85	.81	-.15	.00	1.57	1.71	-.98	.08	.00
	BLEED	-.14	2.31	1.28	.00	-.39	-.53	2.86	.10	.00
	POWER	2.52	13.31	6.43	.00	3.43	4.72	8.46	-1.23	.00
.60	1.28	2.29	6264	985	1249	12000	7360	.85	492	6.6
	RAM	.96	.94	-.04	.00	1.51	1.83	-.98	.02	-25.76
	BLEED	-.25	2.22	1.16	.00	-.42	-.76	3.02	.12	.00
	POWER	1.92	11.80	5.33	.00	3.03	5.46	6.21	-.79	.00
.90	1.69	2.71	6952	987	1249	15600	7230	.96	461	15.1
	RAM	.95	.92	-.05	.00	1.40	1.85	-1.03	.02	.00
	BLEED	-.27	2.44	1.16	.00	-.41	-1.01	3.50	.11	.00
	POWER	1.71	10.67	4.40	.00	2.49	6.02	4.53	-.55	.00
1.20	2.41	3.27	7307	971	1249	20500	6740	1.08	419	15.1
	RAM	1.01	1.00	-.00	.00	1.37	2.09	-1.22	.00	.00
	BLEED	-.44	2.39	.95	.00	-.57	-1.90	4.41	.09	.00
	POWER	1.69	10.56	3.77	.00	2.20	7.40	3.04	-.35	.00
1.50	3.57	5.82	19354	1256	1363	46800	17600	1.10	510	6.6
	RAM	1.03	1.03	.00	-.00	1.26	1.63	-.65	.00	.00
	BLEED	-3.18	-1.05	-.53	2.02	-1.89	-5.19	4.49	.10	.00
	POWER	-1.96	.49	-.12	1.88	-.49	-1.31	1.83	.01	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	1700	2190	1.09	785	33.3	179	999
	P2 =	5.81	RAM	1.07	1.88	-2.08	-.05	.79	1.07	-.59
	T2 =	437	BLEED	.02	-1.40	4.41	-.41	-1.29	.02	2.40
	ERI =	0	POWER	-.13	11.14	11.82	1.17	5.15	-.13	10.76
.60	NR =	1.00	1.28	3780	920	2.41	798	35.1	199	938
	P2 =	6.96	RAM	1.03	3.76	-4.38	-.04	.85	1.03	-.44
	T2 =	461	BLEED	.02	-4.51	8.41	-.41	-1.37	.02	2.33
	ERI =	0	POWER	-.09	28.16	-3.72	1.12	4.94	-.09	10.07
.90	NR =	1.00	1.69	6720	-560	-3.470	827	38.8	236	869
	P2 =	9.23	RAM	1.01	-5.30	4.48	-.02	.90	1.01	-.30
	T2 =	499	BLEED	.01	10.21	-5.08	-.41	-1.45	.01	2.25
	ERI =	0	POWER	-.03	-46.68	80.83	.85	4.40	-.03	8.85
1.20	NR =	.991	2.41	10800	-2440	-.615	866	43.9	284	792
	P2 =	13.12	RAM	1.01	-.99	1.35	-.01	.95	1.01	-.20
	T2 =	554	BLEED	.01	3.40	3.09	-.42	-1.56	.01	2.08
	ERI =	0	POWER	-.01	-11.71	46.65	.72	4.15	-.01	8.14
1.50	NR =	.971	3.57	29200	12100	1.36	1222	160.5	617	1593
	P2 =	19.44	RAM	1.03	2.36	-1.51	-.00	1.03	1.03	-.00
	T2 =	623	BLEED	.04	-1.96	4.61	-.34	-1.14	.04	2.06
	ERI =	0	POWER	-.03	3.30	.50	.19	.81	-.03	1.88

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	1.32	2390	713	1587	4300	2600	.92	417	6.6
	RAM	.38	-.00	-.44	.00	1.53	1.83	-2.01	.07	.00
	BLEED	-.20	2.92	1.08	.00	-.78	-1.30	4.30	.02	.00
	POWER	1.57	23.21	6.90	.00	6.22	10.36	12.61	-.13	.00
.60	1.28	1.37	2203	688	1587	5200	1420	1.55	397	6.6
	RAM	.46	.20	-.28	.00	1.56	2.98	-3.27	.03	.00
	BLEED	-.25	3.33	.99	.00	-.86	-3.22	6.88	.02	.00
	POWER	1.58	24.24	6.05	.00	5.42	20.11	3.97	-.09	.00
.90	1.69	1.50	1950	669	1587	6810	90	20.53	369	6.6
	RAM	.58	.37	-.17	.00	1.59	42.30	37.61	.01	.00
	BLEED	-.32	4.35	.90	.00	-.92	-66.	-142	322.02	.01	.00
	POWER	1.54	25.85	4.81	.00	4.25	306.71	-169.65	-.03	.00
1.20	2.41	1.70	1492	662	1587	9230	-1550	-.965	329	6.6
	RAM	.73	.42	-.10	.00	1.60	-2.48	2.58	.00	.00
	BLEED	-.45	6.64	.79	.00	-.99	5.93	.66	.01	.00
	POWER	1.59	33.61	3.97	.00	3.41	-20.41	56.84	-.01	.00
1.90	3.57	4.78	16441	1165	1587	42900	13700	1.20	511	6.6
	RAM	1.03	1.03	-.00	.00	1.29	1.85	-.90	.00	.00
	BLEED	-.38	2.51	1.06	.00	-.49	-1.63	4.25	.04	.00
	POWER	.67	3.82	1.32	.00	.85	2.74	1.05	-.03	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.30	NR =	1.00	1.06	1160	-100	-9.690	680	19.0	122	817
	P2 =	5.81	RAM	1.29	-3.29	1.62	-.12	.54	1.29	-1.15
	T2 =	437	BLEED	.02	8.06	-3.27	-.37	-1.23	.02	2.67
	ERI =	0	POWER	-.17	-125.77	202.65	2.50	10.17	-.17	20.80
.60	NR =	1.00	1.28	2640	-1300	-.600	695	20.0	139	731
	P2 =	6.96	RAM	1.42	.54	-1.52	.06	1.13	1.42	-.96
	T2 =	461	BLEED	-1.22	1.20	2.24	-.94	-3.24	-1.22	2.33
	ERI =	100	POWER	-21.16	-6.65	35.14	-6.55	-22.64	-21.16	16.60
.90	NR =	1.00	1.69	5660	-2940	-.265	770	28.6	199	677
	P2 =	9.23	RAM	1.37	.41	-.42	.07	1.23	1.37	-.45
	T2 =	499	BLEED	-2.66	1.18	-1.16	-1.23	-4.65	-2.66	.81
	ERI =	100	POWER	-20.15	-3.27	3.29	-4.54	-17.71	-20.15	2.80
1.20	NR =	.991	2.41	9700	-3460	-.230	836	37.5	256	693
	P2 =	13.12	RAM	1.17	-.22	.57	.05	1.18	1.17	-.21
	T2 =	554	BLEED	-1.89	4.01	-4.93	-1.44	-5.18	-1.89	.02
	ERI =	100	POWER	-12.68	6.36	-15.24	-5.00	-18.70	-12.68	-.88
1.50	NR =	.971	3.57	29300	10900	1.43	1219	158.8	617	1542
	P2 =	19.44	RAM	1.03	2.37	-1.52	-.00	1.03	1.03	-.00
	T2 =	623	BLEED	.04	-2.10	4.86	-.33	-1.15	.04	2.07
	ERI =	0	POWER	-.03	3.60	.39	.19	.84	-.03	1.95

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 25000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.30	1.06	1.05	998	603	2400	1160	0	240.33	283	6.6
	RAM	.08	-1.40	-.80	.00	1.73	124.22	24.11	.30	.00
	BLEED	-.04	4.39	1.14	.00	-.76	-218.52	-97.86	.02	.00
	POWER	.54	56.01	11.87	.00	12.06	3415.18	-885.15	-.17	.00
.60	1.28	1.06	780	573	2400	1480	-1160	-.670	277	6.6
	RAM	.14	-.94	-.50	.00	2.26	.36	-1.32	.45	.00
	BLEED	-.25	3.48	.75	.00	-3.53	1.72	1.72	-1.22	.00
	POWER	-2.48	28.29	6.28	.00	-34.92	-3.67	32.0	-21.16	.00
.90	1.69	1.13	780	579	2400	2980	-2680	-.290	311	6.6
	RAM	.29	.00	-.20	.00	2.39	.25	-.25	.39	.00
	BLEED	-.82	.00	.06	.00	-6.72	1.84	-1.79	-2.66	.00
	POWER	-5.21	.00	.25	.00	-37.78	-.59	.5	-20.15	.00
1.20	2.41	1.47	794	617	1690	6910	-2790	-.285	296	6.6
	RAM	.66	.36	-.08	.00	1.94	-.73	1.06	.17	.00
	BLEED	-1.70	-1.21	-.28	.00	-5.15	6.20	-6.78	-1.89	.00
	POWER	-7.51	-9.07	-1.47	.00	-23.21	13.42	-21.9	-12.68	.00
1.50	3.57	4.42	15632	1139	1690	41600	12300	1.27	511	6.6
	RAM	1.03	1.03	-.00	.00	1.31	1.96	-1.04	.00	.00
	BLEED	-.39	2.61	1.06	.00	-.51	-1.80	4.53	.04	.00
	POWER	.81	4.01	1.35	.00	.89	3.05	.93	-.03	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 25000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	5270	20800	2.42	1084	73.5	266	1765
	P2 =	6.96	RAM	1.01	1.66	-.81	-.00	1.01	1.01	-.00
	T2 =	503	BLEED	.17	-3.26	1.67	-.67	-1.97	.17	-.00
	ERI =	0	POWER	.37	-2.15	2.60	.08	.28	.37	-.01
.90	NR =	1.00	1.69	9810	25600	2.37	1136	90.3	330	1765
	P2 =	9.23	RAM	1.00	1.58	-.70	-.00	1.01	1.00	-.00
	T2 =	546	BLEED	.05	-4.95	-.20	-.54	-1.88	.05	.01
	ERI =	0	POWER	-.02	-4.80	-1.92	.05	.20	-.02	.00
1.20	NR =	.991	2.41	16900	31400	2.23	1211	115.7	427	1765
	P2 =	13.12	RAM	1.01	1.50	-.54	-.00	1.02	1.01	-.00
	T2 =	605	BLEED	.13	-5.96	-.34	-.54	-1.84	.13	-.02
	ERI =	1	POWER	.05	-5.16	-1.97	.04	.15	.05	-.02
1.50	NR =	.971	3.57	27900	38600	2.13	1302	150.3	563	1765
	P2 =	19.45	RAM	1.04	1.60	-.61	-.00	1.04	1.04	.00
	T2 =	681	BLEED	.06	-7.80	.34	-.55	-1.89	.06	.00
	ERI =	1	POWER	-.00	-5.37	-1.04	.04	.15	-.00	-.01

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 25000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.53	50383	3333	2322	26700	21400	2.36	554	6.6
	RAM	1.02	.92	.00	-.02	1.50	1.62	-.75	.01	.00
	BLEED	-3.15	-1.67	-.64	1.95	-2.77	-3.50	1.94	.17	.00
	POWER	-5.01	.42	-.34	5.13	-2.30	-2.96	3.44	.37	.00
.90	1.69	3.04	60561	3334	2385	35800	26000	2.33	539	6.6
	RAM	1.02	.94	-.01	-.03	1.40	1.55	-.66	.00	.00
	BLEED	-2.89	-5.13	-2.36	.45	-3.53	-4.88	-.27	.05	.00
	POWER	-3.32	-6.66	-3.48	1.02	-3.50	-4.82	-1.90	-.02	.00
1.20	2.41	3.80	70020	3200	2400	48800	31900	2.19	517	6.6
	RAM	1.02	1.00	.01	.00	1.34	1.52	-.56	.00	.00
	BLEED	-2.97	-6.27	-3.48	-.00	-3.87	-5.99	-.31	.13	.00
	POWER	-2.62	-7.04	-4.30	.02	-3.37	-5.18	-1.95	.05	.00
1.50	3.57	4.86	82194	3051	2400	67100	39200	2.09	487	3.0
	RAM	1.04	1.04	.01	-.00	1.31	1.51	-.51	.01	.00
	BLEED	-3.44	-7.50	-4.31	-.00	-4.33	-7.45	-.05	.06	.00
	POWER	-2.37	-6.34	-4.04	-.01	-3.00	-5.12	-1.30	-.00	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 25000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	5270	9390	1.01	1084	73.5	266	1765
	P2 =	6.96	RAM	1.01	1.95	-1.05	-.00	1.01	1.01	-.00
	T2 =	503	BLEED	.17	-4.03	2.95	-.67	-1.97	.17	-.00
	ERI =	0	POWER	.37	-2.36	3.56	.08	.28	.37	-.01
.90	NR =	1.00	1.69	9810	10500	1.07	1136	90.3	330	1765
	P2 =	9.23	RAM	1.00	1.90	-.98	-.00	1.01	1.00	-.00
	T2 =	546	BLEED	.05	-4.58	3.61	-.54	-1.88	.05	.01
	ERI =	0	POWER	-.02	-2.27	3.18	.05	.20	-.02	.00
1.20	NR =	.991	2.41	16900	12000	1.14	1211	115.7	427	1765
	P2 =	13.12	RAM	1.01	1.84	-.90	-.00	1.02	1.01	-.00
	T2 =	605	BLEED	.13	-5.23	4.48	-.54	-1.84	.13	-.02
	ERI =	0	POWER	.05	-2.02	2.75	.04	.15	.05	-.02
1.50	NR =	.971	3.57	27900	11900	1.40	1302	150.3	563	1765
	P2 =	19.45	RAM	1.04	1.84	-.90	-.00	1.04	1.04	.00
	T2 =	681	BLEED	.06	-6.46	6.15	-.55	-1.89	.06	.00
	ERI =	0	POWER	-.00	-1.47	2.17	.04	.15	-.00	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 25000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.70	9436	1222	1263	15700	10500	.90	554	15.1
	RAM	1.02	1.01	.00	-.06	1.45	1.67	-.73	.01	.00
	BLEED	-2.89	-1.27	-.70	1.82	-2.48	-3.81	2.70	.17	.00
	POWER	-4.33	1.15	-.41	4.57	-1.77	-2.84	4.05	.37	.00
.90	1.69	3.26	11218	1234	1296	21100	11300	.99	539	15.1
	RAM	1.01	1.01	.00	-.01	1.37	1.68	-.73	.00	.00
	BLEED	-2.87	-1.22	-.59	1.62	-2.30	-4.34	3.34	.05	.00
	POWER	-3.26	.87	-.20	3.09	-1.30	-2.42	3.34	-.02	.00
1.20	2.41	4.07	13673	1251	1349	29600	12600	1.08	517	15.1
	RAM	1.02	1.02	.00	-.01	1.31	1.71	-.75	.00	.00
	BLEED	-3.06	-1.11	-.58	1.90	-2.08	-5.03	4.25	.13	.00
	POWER	-2.75	.69	-.20	2.66	-.86	-2.09	2.82	.05	.00
1.50	3.57	5.20	16599	1273	1403	41900	14000	1.19	487	6.6
	RAM	1.04	1.04	.00	-.00	1.28	1.78	-.81	.01	-25.76
	BLEED	-3.58	-.92	-.46	2.44	-2.05	-6.26	5.89	.06	85.86
	POWER	-2.52	.67	-.08	2.44	-.66	-1.96	2.69	-.00	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 25000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	4330	4830	1.09	963	51.1	219	1437
	P2 =	6.96	RAM	1.04	1.86	-1.07	-.01	.98	1.04	-.08
	T2 =	503	BLEED	.11	-.87	3.36	-.40	-1.10	.11	2.35
	ERI =	0	POWER	-.84	6.86	6.74	.86	3.23	-.84	7.48
.90	NR =	1.00	1.69	7700	4230	1.30	996	57.8	259	1403
	P2 =	9.23	RAM	1.02	2.08	-1.31	-.01	.99	1.02	-.06
	T2 =	546	BLEED	.09	-1.66	4.17	-.45	-1.28	.09	2.23
	ERI =	0	POWER	-.54	9.27	4.19	.83	3.17	-.54	6.91
1.20	NR =	.991	2.41	12600	3360	1.65	1040	66.2	318	1347
	P2 =	13.12	RAM	1.02	3.55	-3.20	-.00	1.00	1.02	-.05
	T2 =	605	BLEED	.07	-3.80	6.75	-.44	-1.44	.07	2.12
	ERI =	0	POWER	-.26	14.20	-1.12	.62	2.79	-.26	5.88
1.50	NR =	.971	3.57	27900	11900	1.40	1302	150.3	563	1765
	P2 =	19.45	RAM	1.04	-.59	1.58	-.00	1.04	1.04	.00
	T2 =	681	BLEED	.06	-8.00	-8.00	-.55	-1.89	.06	.00
	ERI =	0	POWER	-.00	-1.47	2.17	.04	.15	-.00	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 25000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.04	5246	998	1249	10000	5710	.92	455	15.1
	RAM	.92	.89	-.07	.00	1.57	1.97	-1.20	.04	.00
	BLEED	-.25	2.44	1.19	.00	-.44	-.86	3.35	.11	.00
	POWER	2.02	13.74	5.76	.00	3.49	6.78	6.82	-.84	.00
.90	1.69	2.39	5509	985	1249	12900	5190	1.06	423	6.6
	RAM	.95	.91	-.05	.00	1.47	2.15	-1.40	.02	.00
	BLEED	-.35	2.41	1.02	.00	-.56	-1.53	4.03	.09	.00
	POWER	2.04	13.60	5.06	.00	3.13	8.59	4.86	-.54	.00
1.20	2.41	2.87	5536	963	1249	17000	4410	1.26	385	15.1
	RAM	.97	.92	-.03	.00	1.39	2.44	-1.73	.01	.00
	BLEED	-.49	2.56	.86	.00	-.67	-2.78	5.58	.07	.00
	POWER	1.67	13.01	3.95	.00	2.52	10.47	2.44	-.26	.00
1.50	3.57	5.20	16599	1273	1403	41900	14000	1.19	487	6.6
	RAM	1.04	1.04	.00	-.01	1.28	1.78	-.81	.01	-25.76
	BLEED	-3.58	-.92	-.46	2.44	-2.05	-6.26	5.89	.06	85.86
	POWER	-2.52	.67	-.08	2.44	-.66	-1.96	2.69	-.00	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 25000 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
.60	NR = 1.00	1.28	3460	380	4.85	838	30.0	174	976
	P2 = 6.96	RAM	1.06	6.29	-9.34	-.06	.79	1.06	-.58
	T2 = 503	BLEED	.03	-8.42	14.10	-.38	-1.35	.03	2.51
	ERI = 0	POWER	-.17	63.51	-30.46	1.35	5.81	-.17	11.76
.90	NR = 1.00	1.69	6070	-1170	-1.250	866	32.7	204	875
	P2 = 9.23	RAM	1.00	-1.43	1.41	-.03	.86	1.00	-.39
	T2 = 546	BLEED	.01	4.26	.69	-.46	-1.54	.01	2.17
	ERI = 0	POWER	-.01	-21.07	58.61	1.16	5.43	-.01	10.54
1.20	NR = .991	2.41	9760	-3000	-.335	916	38.3	246	791
	P2 =13.12	RAM	1.01	-.32	.23	-.02	.91	1.01	-.29
	T2 = 605	BLEED	.02	2.48	5.70	-.48	-1.61	.02	1.83
	ERI = 0	POWER	-.04	-8.95	61.20	.93	4.91	-.04	9.48
1.50	NR = .971	3.57	27900	9300	1.56	1293	146.1	563	1627
	P2 =19.45	RAM	1.04	2.63	-1.84	-.00	1.04	1.04	-.01
	T2 = 681	BLEED	.03	-2.35	5.26	-.34	-1.17	.03	2.08
	ERI = 0	POWER	-.02	4.23	.17	.20	.92	-.02	2.07

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 25000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	1.30	1831	719	1587	4250	790	2.33	363	6.6
	RAM	.38	-.11	-.37	.00	1.58	3.84	-4.89	.06	.00
	BLEED	-.19	3.89	1.04	.00	-.81	-4.46	8.95	.03	.00
	POWER	1.60	29.93	6.85	.00	6.10	33.66	-3.53	-.17	.00
.90	1.69	1.39	1457	692	1587	5430	-640	-2.265	333	6.6
	RAM	.49	.08	-.20	.00	1.58	-3.87	3.31	.00	.00
	BLEED	-.30	4.99	.83	.00	-1.01	8.55	-3.15	.01	.00
	POWER	1.55	35.35	5.47	.00	5.00	-42.26	83.91	-.01	.00
1.20	2.41	1.56	1006	688	1587	7480	-2280	-.440	298	6.6
	RAM	.63	-.09	-.14	.00	1.61	-.94	.80	.01	.00
	BLEED	-.42	8.39	.70	.00	-1.08	3.60	4.54	.02	.00
	POWER	1.58	51.09	4.48	.00	3.91	-13.02	65.93	-.04	.00
1.50	3.57	4.43	14503	1201	1587	39000	11100	1.30	488	6.6
	RAM	1.03	1.03	-.00	.00	1.31	2.01	-1.09	.01	.00
	BLEED	-.37	2.72	1.05	.00	-.52	-1.89	4.75	.03	.00
	POWER	.75	4.41	1.42	.00	.94	3.37	1.00	-.02	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	3150	13900	2.36	921	45.8	174	1554
	P2 =	4.19	RAM	1.01	1.65	-.84	-.00	1.01	1.01	.00
	T2 =	410	BLEED	.87	-2.55	.99	-.69	-1.97	.87	.01
	ERI =	101	POWER	2.20	-1.60	2.13	.12	.39	2.20	.01
.90	NR =	1.00	1.69	6060	18900	2.22	994	60.5	224	1659
	P2 =	5.55	RAM	1.00	1.51	-.65	-.00	1.01	1.00	-.00
	T2 =	453	BLEED	.70	-2.94	1.38	-.68	-1.96	.70	.01
	ERI =	101	POWER	1.74	-2.12	2.72	.12	.41	1.74	.05
1.20	NR =	.991	2.41	10900	26700	2.12	1083	83.6	302	1765
	P2 =	7.89	RAM	1.01	1.42	-.52	-.00	1.02	1.01	-.00
	T2 =	503	BLEED	.20	-2.99	1.37	-.68	-1.97	.20	-.00
	ERI =	0	POWER	.38	-1.31	1.70	.08	.25	.38	-.00
1.50	NR =	.971	3.56	18300	35100	2.05	1161	110.5	405	1765
	P2 =	11.70	RAM	1.04	1.39	-.40	-.00	1.04	1.04	-.00
	T2 =	566	BLEED	.10	-5.23	-.97	-.53	-1.85	.10	-.00
	ERI =	1	POWER	-.01	-4.68	-2.74	.04	.16	-.01	.00
1.80	NR =	.945	5.43	29700	42700	1.95	1257	147.1	548	1765
	P2 =	17.82	RAM	1.06	1.33	-.28	-.00	1.07	1.06	-.00
	T2 =	643	BLEED	.08	-6.47	-.68	-.56	-1.85	.08	.01
	ERI =	1	POWER	-.01	-4.42	-1.63	.03	.14	-.01	.01
2.00	NR =	.925	7.24	39900	50900	1.97	1327	177.2	663	1779
	P2 =	23.76	RAM	1.08	1.34	-.27	-.00	1.08	1.08	.00
	T2 =	702	BLEED	.06	-6.45	-.34	-.54	-1.93	.06	-.00
	ERI =	1	POWER	.00	-3.61	-1.15	.03	.12	.00	-.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.69	32702	3117	2290	17400	14200	2.30	550	6.6
	RAM	1.01	.88	.05	.01	1.48	1.59	-.77	.01	.00
	BLEED	-2.98	-1.60	-.99	2.25	-2.11	-2.77	1.22	.87	.00
	POWER	-6.46	.52	-1.55	7.57	-1.68	-2.54	3.08	2.20	.00
.90	1.69	3.53	42035	3229	2281	25300	19200	2.19	553	6.6
	RAM	1.01	.91	.03	.00	1.36	1.47	-.61	.00	.00
	BLEED	-3.41	-1.62	-.88	2.58	-2.05	-2.91	1.35	.70	.00
	POWER	-6.55	.57	-1.00	7.56	-1.17	-2.08	2.68	1.74	.00
1.20	2.41	4.78	56721	3336	2314	38100	27200	2.09	554	3.0
	RAM	1.02	.94	-.00	-.02	1.28	1.39	-.48	.00	-24.00
	BLEED	-3.15	-1.68	-.68	1.94	-2.06	-2.97	1.35	.20	.00
	POWER	-4.45	.38	-.29	4.60	-.99	-1.54	1.94	.38	.00
1.50	3.56	6.12	71972	3310	2401	53800	35500	2.03	531	3.0
	RAM	1.04	1.02	.02	-.00	1.27	1.40	-.40	.01	.00
	BLEED	-2.80	-6.13	-3.10	-.04	-3.41	-5.22	-.98	.10	.00
	POWER	-2.57	-7.32	-4.02	-.01	-3.09	-4.68	-2.74	-.01	.00
1.80	5.43	7.93	83416	3103	2401	73700	44000	1.90	503	3.0
	RAM	1.07	1.07	.01	.00	1.27	1.41	-.37	.01	.00
	BLEED	-3.29	-7.08	-4.09	-.03	-3.94	-6.65	-.48	.08	.00
	POWER	-2.26	-5.97	-3.84	-.03	-2.72	-4.55	-1.49	-.01	.00
2.00	7.24	9.64	100152	3133	2401	92700	52900	1.89	477	.0
	RAM	1.08	1.09	.00	.00	1.26	1.40	-.34	.00	.00
	BLEED	-3.13	-6.76	-3.78	-.03	-3.69	-6.53	-.25	.06	.00
	POWER	-1.82	-4.71	-2.97	.04	-2.09	-3.66	-1.10	.00	.00

CEI 64210

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.60	NR	= 1.00	1.28	3150	12300	2.03	921	45.8	174	1554
	P2	= 4.19	RAM	1.01	1.68	-.86	-.00	1.01	1.01	.00
	T2	= 418	BLEED	.87	-2.77	1.23	-.69	-1.97	.87	.01
	ERI	= 101	POWER	2.20	-1.53	2.12	.12	.39	2.20	.01
.90	NR	= 1.00	1.69	6060	16800	1.92	994	60.5	224	1659
	P2	= 5.55	RAM	1.00	1.54	-.67	-.00	1.01	1.00	-.00
	T2	= 453	BLEED	.70	-3.05	1.51	-.68	-1.96	.70	.01
	ERI	= 101	POWER	1.74	-1.59	2.25	.12	.41	1.74	.05
1.20	NR	= .991	2.41	10900	23700	1.84	1083	83.6	302	1765
	P2	= 7.89	RAM	1.01	1.40	-.49	-.00	1.02	1.01	-.00
	T2	= 503	BLEED	.20	-3.17	1.59	-.68	-1.97	.20	-.00
	ERI	= 0	POWER	.38	-1.65	2.09	.08	.25	.38	-.00
1.50	NR	= .971	3.56	18300	30700	1.83	1161	110.5	405	1765
	P2	=11.70	RAM	1.04	1.41	-.46	-.00	1.04	1.04	-.00
	T2	= 566	BLEED	.10	-3.17	1.65	-.53	-1.85	.10	-.00
	ERI	= 0	POWER	-.01	-.97	1.26	.04	.16	-.01	.00
1.80	NR	= .945	5.43	29700	39600	1.84	1257	147.1	548	1765
	P2	=17.82	RAM	1.06	1.39	-.39	-.00	1.07	1.06	-.00
	T2	= 643	BLEED	.08	-3.57	2.11	-.56	-1.85	.08	.01
	ERI	= 0	POWER	-.01	-1.13	1.41	.03	.14	-.01	.01
2.00	NR	= .925	7.24	39900	46500	1.85	1327	177.2	663	1779
	P2	=23.76	RAM	1.08	1.34	-.31	-.00	1.08	1.08	.00
	T2	= 702	BLEED	.06	-3.52	1.96	-.54	-1.93	.06	-.00
	ERI	= 0	POWER	.00	-.70	.92	.03	.12	.00	-.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.73	24929	2688	2069	16000	12900	1.94	550	6.6
	RAM	1.02	.90	.01	-.01	1.46	1.57	-.73	.01	.00
	BLEED	-2.86	-1.60	-1.33	1.96	-2.18	-2.93	1.39	.87	.00
	POWER	-6.14	.58	-1.96	7.04	-1.65	-2.60	3.20	2.20	.00
.90	1.69	3.58	32240	2787	2062	23200	17200	1.88	553	6.6
	RAM	1.01	.92	.01	-.01	1.34	1.46	-.58	.00	.00
	BLEED	-3.29	-1.61	-1.17	2.31	-2.11	-3.10	1.56	.70	.00
	POWER	-6.26	.64	-1.30	7.09	-1.15	-2.17	2.83	1.74	.00
1.20	2.41	4.86	43737	2878	2090	35000	24100	1.82	554	6.6
	RAM	1.03	.95	-.02	-.03	1.27	1.38	-.47	.00	.00
	BLEED	-3.06	-1.66	-.83	1.79	-2.08	-3.12	1.52	.20	.00
	POWER	-4.28	.42	-.31	4.39	-.93	-1.53	1.97	.38	.00
1.50	3.56	6.22	56214	2865	2172	49500	31200	1.80	531	3.0
	RAM	1.05	.99	-.01	-.02	1.25	1.38	-.43	.01	.00
	BLEED	-3.05	-1.60	-.70	1.76	-1.97	-3.18	1.66	.10	.00
	POWER	-2.99	.28	-.06	2.88	-.69	-1.10	1.39	-.01	.00
1.80	5.43	8.01	72695	2852	2267	70200	40500	1.79	503	.0
	RAM	1.07	1.03	-.01	-.02	1.25	1.39	-.39	.01	.00
	BLEED	-3.70	-1.57	-.62	2.46	-1.97	-3.48	2.01	.08	.00
	POWER	-2.71	.25	-.00	2.69	-.52	-.89	1.15	-.01	.00
2.00	7.24	9.75	86114	2862	2257	88000	48100	1.79	477	.0
	RAM	1.09	1.04	-.02	-.02	1.25	1.38	-.36	.00	.00
	BLEED	-3.50	-1.67	-.63	2.24	-1.88	-3.50	1.93	.06	.00
	POWER	-2.16	.21	.01	2.15	-.35	-.65	.86	.00	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	3150	9870	1.74	921	45.8	174	1554
	P2 =	4.19	RAM	1.01	1.80	-.96	-.00	1.01	1.01	.00
	T2 =	418	BLEED	.87	-2.81	1.27	-.69	-1.97	.87	.01
	ERI =	101	POWER	2.20	-.72	1.43	.12	.39	2.20	.01
.90	NR =	1.00	1.69	6060	13600	1.65	994	60.5	224	1659
	P2 =	5.55	RAM	1.00	1.64	-.76	-.00	1.01	1.00	-.00
	T2 =	453	BLEED	.70	-3.10	1.59	-.68	-1.96	.70	.01
	ERI =	101	POWER	1.74	-1.08	1.87	.12	.41	1.74	.05
1.20	NR =	.991	2.41	10900	19400	1.58	1083	83.6	302	1765
	P2 =	7.89	RAM	1.01	1.50	-.57	-.00	1.02	1.01	-.00
	T2 =	503	BLEED	.20	-3.32	1.78	-.68	-1.97	.20	-.00
	ERI =	0	POWER	.38	-1.36	1.88	.08	.25	.38	-.00
1.50	NR =	.971	3.56	18300	25000	1.58	1161	110.5	405	1765
	P2 =	11.70	RAM	1.04	1.40	-.43	-.00	1.04	1.04	-.00
	T2 =	566	BLEED	.10	-3.37	1.91	-.53	-1.85	.10	-.00
	ERI =	0	POWER	-.01	-1.11	1.47	.04	.16	-.01	.00
1.80	NR =	.945	5.43	29700	31800	1.60	1257	147.1	548	1765
	P2 =	17.82	RAM	1.06	1.43	-.43	-.00	1.07	1.06	-.00
	T2 =	643	BLEED	.08	-3.94	2.59	-.56	-1.85	.08	.01
	ERI =	0	POWER	-.01	-1.14	1.46	.03	.14	-.01	.01
2.00	NR =	.925	7.24	39900	37500	1.61	1327	177.2	663	1779
	P2 =	23.76	RAM	1.08	1.44	-.41	-.00	1.08	1.08	.00
	T2 =	702	BLEED	.06	-3.87	2.41	-.54	-1.93	.06	-.00
	ERI =	0	POWER	.00	-.68	.94	.03	.12	.00	-.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.79	17156	2114	1776	14100	11000	1.57	550	6.6
	RAM	1.02	.93	.02	-.01	1.46	1.58	-.71	.01	.00
	BLEED	-2.78	-1.60	-1.38	1.90	-2.12	-2.98	1.45	.87	.00
	POWER	-5.86	.70	-2.02	6.81	-1.43	-2.48	3.20	2.20	.00
.90	1.69	3.65	22445	2209	1778	20500	14400	1.56	553	6.6
	RAM	1.01	.95	.01	-.01	1.34	1.48	-.57	.00	.00
	BLEED	-3.20	-1.58	-1.21	2.23	-2.04	-3.20	1.70	.70	.00
	POWER	-5.98	.77	-1.32	6.85	-.99	-2.13	2.93	1.74	.00
1.20	2.41	4.95	30752	2297	1808	30900	19900	1.54	554	6.6
	RAM	1.02	.97	-.01	-.02	1.27	1.40	-.47	.00	.00
	BLEED	-2.99	-1.63	-.84	1.74	-2.04	-3.26	1.72	.20	.00
	POWER	-4.11	.51	-.32	4.23	-.86	-1.54	2.06	.38	.00
1.50	3.56	6.35	39509	2296	1882	43700	25500	1.55	531	6.6
	RAM	1.04	1.00	-.01	-.01	1.25	1.41	-.44	.01	.00
	BLEED	-2.98	-1.56	-.71	1.71	-1.93	-3.39	1.93	.10	.00
	POWER	-2.86	.34	-.07	2.78	-.66	-1.13	1.48	-.01	.00
1.80	5.43	8.19	50942	2295	1966	62100	32400	1.57	503	.0
	RAM	1.07	1.04	-.01	-.01	1.25	1.42	-.42	.01	.00
	BLEED	-3.58	-1.50	-.63	2.35	-1.92	-3.76	2.39	.08	.00
	POWER	-2.59	.31	-.02	2.55	-.48	-.92	1.24	-.01	.00
2.00	7.24	9.96	60201	2311	1962	77900	38100	1.58	477	.0
	RAM	1.08	1.05	-.02	-.01	1.24	1.42	-.39	.00	.00
	BLEED	-3.40	-1.60	-.63	2.14	-1.84	-3.84	2.38	.06	.00
	POWER	-2.06	.25	-.00	2.05	-.33	-.68	.94	.00	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.60	NR	= 1.00	1.28	3150	7820	1.41	921	45.8	174	1554
	P2	= 4.19	RAM	1.01	1.40	-.96	-.00	1.01	1.01	.00
	T2	= 418	BLEED	.87	-2.78	2.21	-.69	-1.97	.87	.01
	ERI	= 101	POWER	2.20	-2.76	3.52	.12	.39	2.20	.01
.90	NR	= 1.00	1.69	6060	9450	1.38	994	60.5	224	1659
	P2	= 5.55	RAM	1.00	1.35	-.82	-.00	1.01	1.00	-.00
	T2	= 453	BLEED	.70	-2.80	2.19	-.68	-1.96	.70	.01
	ERI	= 101	POWER	1.74	-.90	1.81	.12	.41	1.74	.05
1.20	NR	= .991	2.41	10900	13400	1.32	1083	83.6	302	1765
	P2	= 7.89	RAM	1.01	1.76	-.81	-.00	1.02	1.01	-.00
	T2	= 503	BLEED	.20	-3.91	2.52	-.68	-1.97	.20	-.00
	ERI	= 0	POWER	.38	-1.19	1.92	.08	.25	.38	-.00
1.50	NR	= .971	3.56	18300	17400	1.31	1161	110.5	405	1765
	P2	=11.70	RAM	1.04	1.59	-.60	-.00	1.04	1.04	-.00
	T2	= 566	BLEED	.10	-3.88	2.57	-.53	-1.85	.10	-.00
	ERI	= 0	POWER	-.01	-.97	1.47	.04	.16	-.01	.00
1.80	NR	= .945	5.43	29700	21600	1.35	1257	147.1	548	1765
	P2	=17.82	RAM	1.06	1.48	-.45	-.00	1.07	1.06	-.00
	T2	= 643	BLEED	.08	-4.49	3.39	-.56	-1.85	.08	.01
	ERI	= 0	POWER	-.01	-1.11	1.57	.03	.14	-.01	.01
2.00	NR	= .925	7.24	39900	24600	1.39	1327	177.2	663	1779
	P2	=23.76	RAM	1.08	1.54	-.49	-.00	1.08	1.08	.00
	T2	= 702	BLEED	.06	-4.65	3.47	-.54	-1.93	.06	-.00
	ERI	= 0	POWER	.00	-.65	1.01	.03	.12	.00	-.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.83	11026	1587	1500	12100	8990	1.23	550	6.6
	RAM	1.03	.51	-.29	-.20	1.29	1.39	-.95	.01	.00
	BLEED	-2.75	-.66	-.78	2.25	-1.73	-2.64	2.06	.87	.00
	POWER	-5.63	.73	-2.15	6.60	-1.33	-2.57	3.33	2.20	.00
.90	1.69	3.72	13062	1555	1446	17000	10900	1.20	553	6.6
	RAM	1.02	.58	-.25	-.16	1.20	1.31	-.77	.00	.00
	BLEED	-3.14	-.70	-.66	2.48	-1.68	-3.01	2.41	.70	.00
	POWER	-5.71	.91	-1.40	6.55	-.86	-2.31	3.25	1.74	.00
1.20	2.41	5.05	17768	1614	1468	25500	14600	1.22	554	6.6
	RAM	1.02	1.02	.02	-.00	1.27	1.46	-.48	.00	.00
	BLEED	-2.92	-1.54	-.83	1.67	-1.98	-3.61	2.19	.20	.00
	POWER	-3.94	.72	-.35	4.04	-.79	-1.67	2.41	.38	.00
1.50	3.56	6.49	22803	1630	1534	36300	18000	1.27	531	6.6
	RAM	1.04	1.04	.01	-.00	1.25	1.48	-.47	.01	.00
	BLEED	-2.91	-1.46	-.70	1.63	-1.88	-3.89	2.58	.10	.00
	POWER	-2.74	.48	-.11	2.61	-.64	-1.27	1.77	-.01	.00
1.80	5.43	8.38	29190	1647	1610	51800	22100	1.32	503	6.6
	RAM	1.07	1.07	.01	-.00	1.25	1.51	-.48	.01	.00
	BLEED	-3.48	-1.33	-.60	2.25	-1.86	-4.46	3.35	.08	.00
	POWER	-2.47	.44	-.05	2.39	-.46	-1.08	1.53	-.01	.00
2.00	7.24	10.18	34288	1671	1614	65200	25300	1.36	477	3.0
	RAM	1.08	1.08	-.00	-.00	1.25	1.51	-.46	.00	.00
	BLEED	-3.30	-1.43	-.61	2.05	-1.78	-4.70	3.52	.06	.00
	POWER	-1.97	.35	-.04	1.92	-.32	-.84	1.21	.00	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.60	NR	= 1.00	1.28	3150	6040	.91	921	45.8	174	1554
	P2	= 4.19	RAM	1.01	1.91	-.98	-.00	1.01	1.01	.00
	T2	= 418	BLEED	.87	-3.09	1.86	-.69	-1.97	.87	.01
	ERI	= 101	POWER	2.20	-1.16	2.63	.12	.39	2.20	.01
.90	NR	= 1.00	1.69	6060	7900	.96	994	60.5	224	1659
	P2	= 5.55	RAM	1.00	1.72	-.77	-.00	1.01	1.00	-.00
	T2	= 453	BLEED	.70	-3.53	2.45	-.68	-1.96	.70	.01
	ERI	= 101	POWER	1.74	-1.40	2.99	.12	.41	1.74	.05
1.20	NR	= .991	2.41	10900	9380	1.14	1083	83.6	302	1765
	P2	= 7.89	RAM	1.01	1.66	-.83	-.00	1.02	1.01	-.00
	T2	= 503	BLEED	.20	-3.85	2.78	-.68	-1.97	.20	-.00
	ERI	= 0	POWER	.38	-1.40	2.85	.08	.25	.38	-.00
1.50	NR	= .971	3.56	18300	12000	1.13	1161	110.5	405	1765
	P2	=11.70	RAM	1.04	1.81	-.84	-.00	1.04	1.04	-.00
	T2	= 566	BLEED	.10	-4.84	3.94	-.53	-1.85	.10	-.00
	ERI	= 0	POWER	-.01	-1.43	2.17	.04	.16	-.01	.00
1.80	NR	= .945	5.43	29700	14400	1.16	1257	147.1	548	1765
	P2	=17.82	RAM	1.06	1.68	-.67	-.00	1.07	1.06	-.00
	T2	= 643	BLEED	.08	-5.31	4.74	-.56	-1.85	.08	.01
	ERI	= 0	POWER	-.01	-1.14	1.81	.03	.14	-.01	.01
2.00	NR	= .925	7.24	39900	15900	1.22	1327	177.2	663	1779
	P2	=23.76	RAM	1.08	1.66	-.63	-.00	1.08	1.08	.00
	T2	= 702	BLEED	.06	-6.05	5.51	-.54	-1.93	.06	-.00
	ERI	= 0	POWER	.00	-1.07	1.63	.03	.12	.00	-.00

GENERAL ELECTRIC CE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.88	5526	1070	1203	9890	6740	.82	550	15.1
	RAM	1.02	1.02	.00	-.06	1.42	1.62	-.65	.01	.00
	BLEED	-2.67	-1.32	-1.14	2.05	-1.84	-3.11	1.87	.87	.00
	POWER	-5.43	1.46	-1.90	6.68	-1.03	-2.54	4.03	2.20	.00
.90	1.69	3.77	7562	1144	1217	14500	8400	.90	553	15.1
	RAM	1.01	1.01	.01	-.01	1.32	1.55	-.58	.00	.00
	BLEED	-3.07	-1.22	-.97	2.25	-1.80	-3.60	2.52	.70	.00
	POWER	-5.56	1.57	-1.16	6.51	-.64	-2.35	3.96	1.74	.00
1.20	2.41	5.11	10735	1223	1254	22000	11100	.97	554	6.6
	RAM	1.02	1.01	.00	-.01	1.26	1.50	-.53	.00	-25.76
	BLEED	-2.89	-1.26	-.71	1.73	-1.88	-3.93	2.84	.20	85.86
	POWER	-3.84	1.02	-.38	3.96	-.76	-1.89	2.94	.38	221.11
1.50	3.56	6.57	13502	1240	1314	31400	13100	1.03	531	6.6
	RAM	1.04	1.04	.00	-.01	1.25	1.54	-.54	.01	.00
	BLEED	-2.87	-1.19	-.61	1.66	-1.80	-4.46	3.51	.10	.00
	POWER	-2.67	.71	-.17	2.53	-.64	-1.53	2.26	-.01	.00
1.80	5.43	8.49	16813	1261	1382	44800	15200	1.11	503	6.6
	RAM	1.07	1.07	.00	-.01	1.25	1.60	-.58	.01	.00
	BLEED	-3.42	-.95	-.47	2.28	-1.76	-5.37	4.80	.08	.00
	POWER	-2.40	.65	-.09	2.31	-.46	-1.36	2.04	-.01	.00
2.00	7.24	10.32	19376	1288	1390	56600	16700	1.16	477	6.6
	RAM	1.08	1.08	.00	-.00	1.24	1.63	-.60	.00	.00
	BLEED	-3.25	-1.04	-.50	2.07	-1.70	-5.92	5.36	.06	.00
	POWER	-1.92	.54	-.09	1.84	-.34	-1.14	1.70	.00	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	3190	5800	.90	917	45.2	177	1498
	P2 =	4.19	RAM	1.02	1.89	-1.04	-.01	1.00	1.02	-.05
	T2 =	418	BLEED	.06	-1.04	2.73	-.46	-1.21	.06	2.01
	ERI =	101	POWER	-.51	7.34	5.87	1.04	3.48	-.51	7.72
.90	NR =	1.00	1.69	6060	7420	.95	982	58.8	224	1597
	P2 =	5.55	RAM	1.01	1.77	-.85	-.00	1.01	1.01	-.01
	T2 =	453	BLEED	.07	-1.12	2.81	-.47	-1.23	.07	1.95
	ERI =	0	POWER	-.41	5.86	4.43	.80	2.65	-.41	5.89
1.20	NR =	.991	2.41	10500	9380	1.00	1049	77.2	290	1671
	P2 =	7.89	RAM	1.01	1.63	-.68	-.00	1.01	1.01	-.01
	T2 =	503	BLEED	.09	-.87	3.06	-.37	-1.06	.09	2.19
	ERI =	0	POWER	-.47	4.72	3.31	.57	1.96	-.47	4.55

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.76	5236	1029	1249	9650	6460	.81	557	15.1
	RAM	.95	.95	-.04	.00	1.40	1.59	-.70	.02	.00
	BLEED	-.41	1.64	1.03	.00	-.57	-.88	2.55	.06	.00
	POWER	2.74	13.33	6.36	.00	3.99	6.22	6.99	-.51	.00
.90	1.69	3.60	7067	1102	1249	14000	7900	.89	553	15.1
	RAM	1.01	1.00	-.00	.00	1.33	1.58	-.63	.01	.00
	BLEED	-.48	1.64	.98	.00	-.55	-1.03	2.71	.07	.00
	POWER	2.19	10.39	4.85	.00	2.87	5.39	4.90	-.41	.00
1.20	2.41	4.79	9356	1161	1249	20200	9730	.96	532	15.1
	RAM	1.01	1.00	-.01	.00	1.27	1.54	-.58	.01	.00
	BLEED	-.27	2.16	1.19	.00	-.35	-.83	3.02	.09	.00
	POWER	1.61	8.11	3.74	.00	1.91	4.48	3.54	-.47	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 8.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	3130	5370	.91	899	43.4	174	1449
	P2 =	4.19	RAM	1.02	1.82	-.97	-.01	.99	1.02	-.05
	T2 =	418	BLEED	.06	-1.02	2.80	-.45	-1.19	.06	2.08
	ERI =	0	POWER	-.56	8.09	6.33	1.15	3.76	-.56	8.42
.90	NR =	1.00	1.69	5810	6300	.96	948	53.9	214	1499
	P2 =	5.55	RAM	1.01	1.91	-1.00	-.00	1.01	1.01	-.01
	T2 =	453	BLEED	.09	-.90	3.04	-.37	-1.06	.09	2.22
	ERI =	0	POWER	-.59	7.28	4.72	.88	2.96	-.59	6.97
1.20	NR =	.991	2.41	9900	7730	1.01	1013	69.3	274	1566
	P2 =	7.89	RAM	1.01	1.75	-.82	-.00	1.01	1.01	-.01
	T2 =	503	BLEED	.11	-.94	3.26	-.39	-1.04	.11	2.23
	ERI =	0	POWER	-.58	6.03	3.65	.68	2.31	-.58	5.49

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 8.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.67	4865	998	1249	9190	6050	.80	547	15.1
	RAM	.95	.94	-.04	.00	1.42	1.62	-.74	.02	11.26
	BLEED	-.37	1.74	1.07	.00	-.55	-.86	2.64	.06	.00
	POWER	2.93	14.56	6.85	.00	4.32	6.84	7.57	-.56	.00
.90	1.69	3.34	6074	1038	1249	12600	6840	.89	530	15.1
	RAM	1.01	1.00	-.00	.00	1.35	1.65	-.71	.01	.00
	BLEED	-.28	2.10	1.19	.00	-.39	-.80	2.93	.09	.00
	POWER	2.40	12.12	5.61	.00	3.19	6.41	5.59	-.59	.00
1.20	2.41	4.38	7825	1089	1249	18000	8110	.96	502	15.1
	RAM	1.01	1.00	-.00	.00	1.28	1.62	-.67	.00	.00
	BLEED	-.26	2.27	1.19	.00	-.34	-.88	3.19	.11	.00
	POWER	1.75	9.78	4.38	.00	2.22	5.64	4.04	-.58	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	2980	4570	.91	868	39.5	165	1364
	P2 =	4.19	RAM	1.02	1.61	-.72	-.01	1.00	1.02	-.05
	T2 =	418	BLEED	.11	-.68	2.82	-.37	-1.04	.11	2.27
	ERI =	0	POWER	-1.00	7.78	8.96	1.23	4.13	-1.00	9.95
.90	NR =	1.00	1.69	5460	5010	1.00	913	47.9	202	1398
	P2 =	5.55	RAM	1.02	2.02	-1.21	-.01	.99	1.02	-.05
	T2 =	453	BLEED	.11	-1.01	3.27	-.40	-1.06	.11	2.25
	ERI =	0	POWER	-.79	9.59	5.38	1.07	3.61	-.79	8.68
1.20	NR =	.991	2.41	9040	5440	1.07	960	57.7	250	1410
	P2 =	7.89	RAM	1.01	2.04	-1.16	-.00	1.01	1.01	-.01
	T2 =	503	BLEED	.11	-1.33	3.77	-.41	-1.14	.11	2.27
	ERI =	0	POWER	-.64	9.05	3.76	.80	3.01	-.64	7.03

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.47	4173	942	1249	8180	5200	.80	520	6.6
	RAM	.96	.94	-.04	.00	1.46	1.72	-.85	.02	.00
	BLEED	-.25	2.11	1.21	.00	-.39	-.68	2.82	.11	.00
	POWER	3.09	16.91	7.95	.00	4.62	7.84	8.90	-1.00	.00
.90	1.69	3.03	5017	969	1249	11100	5600	.90	499	15.1
	RAM	.95	.93	-.05	.00	1.36	1.69	-.84	.02	.00
	BLEED	-.28	2.21	1.17	.00	-.39	-.88	3.13	.11	.00
	POWER	2.84	15.12	6.79	.00	3.83	8.34	6.62	-.79	.00
1.20	2.41	3.78	5800	982	1249	14900	5890	.98	459	15.1
	RAM	1.01	1.00	-.00	.00	1.32	1.79	-.88	.00	.00
	BLEED	-.31	2.37	1.12	.00	-.41	-1.19	3.63	.11	.00
	POWER	2.20	12.93	5.31	.00	2.82	8.13	4.67	-.64	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.10.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	2770	3480	.97	831	34.3	153	1271
	P2 =	4.19	RAM	1.02	1.79	-.94	-.01	1.00	1.02	-.05
	T2 =	418	BLEED	.11	-.87	3.10	-.41	-1.08	.11	2.32
	ERI =	0	POWER	-1.22	11.70	9.82	1.61	5.33	-1.22	12.73
.90	NR =	1.00	1.69	4930	3220	1.13	861	39.3	182	1249
	P2 =	5.55	RAM	1.02	1.97	-1.17	-.01	.99	1.02	-.06
	T2 =	453	BLEED	.10	-1.53	3.90	-.42	-1.18	.10	2.29
	ERI =	0	POWER	-.94	14.65	4.75	1.24	4.64	-.94	10.77
1.20	NR =	.991	2.41	8070	2970	1.27	899	45.4	223	1209
	P2 =	7.89	RAM	1.01	2.81	-2.14	-.00	1.01	1.01	-.02
	T2 =	503	BLEED	.08	-2.63	5.29	-.42	-1.35	.08	2.22
	ERI =	0	POWER	-.49	17.51	1.62	1.15	4.37	-.49	9.50
1.50	NR =	.971	3.56	18300	12000	1.13	1161	110.5	405	1765
	P2 =	11.70	RAM	1.04	1.81	-.84	-.00	1.04	1.04	.00
	T2 =	566	BLEED	.10	-4.84	3.94	-.53	-1.85	.10	-.00
	ERI =	0	POWER	-.01	-1.43	2.17	.04	.16	-.01	.00
1.80	NR =	.945	5.43	29700	14400	1.16	1257	147.1	548	1765
	P2 =	17.82	RAM	1.06	1.68	-.67	-.00	1.07	1.06	-.00
	T2 =	643	BLEED	.08	-5.31	4.74	-.56	-1.85	.08	.01
	ERI =	0	POWER	-.01	-1.14	1.82	.03	.14	-.01	.01
2.00	NR =	.925	7.24	39900	15900	1.22	1327	177.2	663	1779
	P2 =	23.76	RAM	1.08	1.66	-.63	-.00	1.08	1.08	-.00
	T2 =	702	BLEED	.06	-6.05	5.51	-.54	-1.93	.06	-.00
	ERI =	0	POWER	.00	-1.07	1.63	.03	.12	.00	-.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.10.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.22	3376	875	1249	6910	4140	.81	483	15.1
	RAM	.96	.94	-.04	.00	1.54	1.88	-1.04	.02	.00
	BLEED	-.26	2.19	1.18	.00	-.44	-.80	3.03	.11	.00
	POWER	3.70	21.74	9.83	.00	5.97	10.78	10.74	-1.22	.00
.90	1.69	2.60	3638	868	1249	8840	3920	.93	450	15.1
	RAM	.95	.92	-.05	.00	1.43	1.94	-1.14	.02	11.26
	BLEED	-.32	2.28	1.09	.00	-.48	-1.21	3.56	.10	.00
	POWER	3.11	19.56	8.00	.00	4.61	11.59	7.77	-.94	.00
1.20	2.41	3.14	3778	853	1249	11600	3550	1.06	409	15.1
	RAM	1.00	.98	-.01	.00	1.38	2.20	-1.38	.01	.00
	BLEED	-.47	2.44	.95	.00	-.60	-2.13	4.72	.08	.00
	POWER	2.74	19.20	6.58	.00	4.02	14.26	4.77	-.49	.00
1.50	3.56	6.57	13502	1240	1314	31400	13100	1.03	531	6.6
	RAM	1.04	1.04	.00	-.01	1.25	1.54	-.54	.01	.00
	BLEED	-2.87	-1.19	-.61	1.66	-1.80	-4.46	3.51	.10	.00
	POWER	-2.67	.71	-.17	2.53	-.64	-1.53	2.26	-.01	.00
1.80	5.43	8.49	16813	1261	1382	44800	15200	1.11	503	6.6
	RAM	1.07	1.07	.00	-.01	1.25	1.60	-.58	.01	.00
	BLEED	-3.42	-.95	-.47	2.28	-1.76	-5.37	4.80	.08	.00
	POWER	-2.40	.65	-.09	2.31	-.46	-1.36	2.04	-.01	.00
2.00	7.24	10.32	19376	1288	1390	56600	16700	1.16	477	6.6
	RAM	1.08	1.08	.00	-.00	1.24	1.63	-.60	.00	.00
	BLEED	-3.25	-1.04	-.50	2.07	-1.70	-5.92	5.36	.06	.00
	POWER	-1.92	.54	-.09	1.84	-.34	-1.14	1.70	.00	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	2070	-630	-1.245	690	17.0	114	720
	P2 =	4.19	RAM	1.17	-.63	.61	.01	1.01	1.17	-.59
	T2 =	418	BLEED	-1.98	5.83	-5.36	-1.22	-4.39	-1.98	1.61
	ERI =	100	POWER	-27.50	26.06	-25.50	-8.48	-31.09	-27.50	10.59
.90	NR =	1.00	1.69	3960	-1620	-.480	740	21.5	146	680
	P2 =	5.55	RAM	1.08	-.01	.01	-.01	.96	1.08	-.44
	T2 =	453	BLEED	-1.95	3.08	-2.95	-1.20	-4.57	-1.95	1.04
	ERI =	100	POWER	-19.55	5.61	-5.57	-6.50	-23.49	-19.55	4.71
1.20	NR =	.991	2.41	6490	-1770	-.440	787	26.1	180	695
	P2 =	7.89	RAM	.96	-.48	.47	-.03	.86	.96	-.30
	T2 =	503	BLEED	-1.49	5.87	-5.40	-.91	-3.67	-1.49	.45
	ERI =	100	POWER	-13.26	13.06	-12.83	-2.83	-11.64	-13.26	.93
1.50	NR =	.971	3.56	18300	8140	1.28	1146	104.3	406	1492
	P2 =	11.70	RAM	1.04	2.18	-1.30	-.00	1.04	1.04	-.01
	T2 =	566	BLEED	.03	-1.70	4.36	-.30	-1.13	.03	2.14
	ERI =	0	POWER	-.03	4.81	.98	.27	1.24	-.03	2.93
1.80	NR =	.945	5.43	29700	10700	1.29	1244	140.9	548	1560
	P2 =	17.82	RAM	1.06	1.96	-1.00	-.00	1.07	1.06	-.01
	T2 =	643	BLEED	.04	-1.91	4.76	-.33	-1.15	.04	2.10
	ERI =	0	POWER	-.03	3.65	.82	.21	.93	-.03	2.15
2.00	NR =	.925	7.24	39900	11400	1.37	1313	169.3	663	1567
	P2 =	23.76	RAM	1.08	1.92	-.93	-.00	1.08	1.08	-.00
	T2 =	702	BLEED	.03	-2.44	5.46	-.36	-1.21	.03	1.99
	ERI =	0	POWER	-.02	3.32	.63	.17	.79	-.02	1.77

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 36089 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	1.11	780	555	2400	1580	-490	-1.595	361	6.6
	RAM	.19	-.00	-.30	.00	1.93	-1.28	1.21	.18	.00
	BLEED	-.59	.00	.28	.00	-5.31	8.76	-7.75	-1.98	.00
	POWER	-5.93	.00	2.35	.00	-50.09	45.44	-43.7	-27.50	.00
.90	1.69	1.19	780	561	2400	2540	-1420	-.550	362	6.6
	RAM	.28	.00	-.21	.00	1.80	-.22	.22	.08	.00
	BLEED	-.96	.00	.06	.00	-5.34	4.12	-3.88	-1.95	.00
	POWER	-6.98	-.00	.16	.00	-36.22	10.28	-10.1	-19.55	.00
1.20	2.41	1.61	780	591	1690	5220	-1260	-.615	329	6.6
	RAM	.63	.00	-.15	.00	1.50	-1.26	1.19	-.05	.00
	BLEED	-1.75	.00	-.10	.00	-4.25	9.90	-8.62	-1.49	.00
	POWER	-9.67	.00	-.79	.00	-23.11	27.48	-26.4	-13.26	.00
1.50	3.56	4.72	10417	1092	1690	27200	8920	1.17	532	6.6
	RAM	1.03	1.03	-.00	.00	1.30	1.83	-.89	.01	.00
	BLEED	-.35	2.54	1.13	.00	-.47	-1.50	4.13	.03	.00
	POWER	1.13	5.83	2.07	.00	1.35	4.19	1.59	-.03	.00
1.80	5.43	6.57	13799	1155	1690	40800	11100	1.24	504	6.6
	RAM	1.06	1.06	-.00	.00	1.27	1.84	-.86	.01	.00
	BLEED	-.31	2.71	1.07	.00	-.47	-1.83	4.66	.04	.00
	POWER	.78	4.50	1.48	.00	.92	3.47	1.00	-.03	.00
2.00	7.24	8.02	15585	1177	1690	51800	11800	1.32	477	6.6
	RAM	1.08	1.08	-.00	.00	1.27	1.90	-.91	.00	.00
	BLEED	-.43	2.82	.98	.00	-.52	-2.38	5.39	.03	.00
	POWER	.63	3.98	1.19	.00	.74	3.28	.67	-.02	.00

GEI 94219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 36089 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	3170	13200	2.47	1010	45.4	167	1682
	P2 =	4.19	RAM	1.01	1.67	-.86	-.00	1.01	1.01	-.00
	T2 =	461	BLEED	.52	-3.05	1.56	-.68	-1.96	.52	.01
	ERI =	101	POWER	1.79	-3.16	3.95	.16	.55	1.79	.04
.90	NR =	1.00	1.69	6070	17800	2.33	1081	58.9	213	1765
	P2 =	5.55	RAM	1.01	1.55	-.70	-.00	1.01	1.01	-.00
	T2 =	500	BLEED	.18	-3.26	1.72	-.68	-1.97	.18	-.00
	ERI =	0	POWER	.48	-2.91	3.47	.11	.35	.48	-.01
1.20	NR =	.991	2.41	10600	22700	2.25	1148	76.1	278	1765
	P2 =	7.90	RAM	1.02	1.42	-.48	-.00	1.02	1.02	.00
	T2 =	554	BLEED	.07	-5.18	-1.15	-.54	-1.87	.07	-.00
	ERI =	1	POWER	-.04	-6.75	-4.47	.06	.23	-.04	.00
1.50	NR =	.971	3.57	17500	28200	2.07	1234	99.6	370	1765
	P2 =	11.70	RAM	1.03	1.45	-.46	-.00	1.04	1.03	.00
	T2 =	624	BLEED	.09	-6.36	-.30	-.55	-1.85	.09	.00
	ERI =	1	POWER	-.01	-6.22	-2.08	.05	.19	-.01	.00
2.00	NR =	.925	7.25	36500	45900	2.14	1401	155.2	578	1842
	P2 =	23.79	RAM	1.08	1.35	-.33	-.00	1.09	1.08	-.00
	T2 =	774	BLEED	.40	-3.30	1.18	-.54	-2.04	.40	-.00
	ERI =	0	POWER	.26	-.55	.75	.03	.12	.26	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 36089 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.64	32665	3201	2276	16800	13600	2.40	553	6.6
	RAM	1.01	.88	.05	.01	1.49	1.61	-.79	.01	.00
	BLEED	-3.39	-1.57	-.83	2.43	-2.58	-3.30	1.83	.52	.00
	POWER	-8.96	.76	-1.41	9.81	-3.27	-4.45	5.28	1.79	.00
.90	1.69	3.37	41282	3324	2318	24100	18000	2.29	554	6.6
	RAM	1.01	.91	.04	.01	1.39	1.52	-.66	.01	.00
	BLEED	-3.13	-1.63	-.77	1.84	-2.42	-3.29	1.74	.18	.00
	POWER	-6.22	.52	-.70	6.21	-2.17	-3.07	3.63	.48	.00
1.20	2.41	4.22	51054	3321	2401	33700	23200	2.20	535	6.6
	RAM	1.02	.97	.01	-.00	1.32	1.46	-.52	.01	.00
	BLEED	-2.82	-6.24	-3.01	-.03	-3.60	-5.27	-1.05	.07	.00
	POWER	-3.73	-11.06	-5.74	-.05	-4.73	-6.87	-4.35	-.04	.00
1.50	3.57	5.40	58430	3136	2401	46100	28600	2.04	509	3.0
	RAM	1.04	1.03	.02	.00	1.30	1.45	-.46	.00	.00
	BLEED	-3.14	-6.63	-3.78	-.02	-3.89	-6.33	-.33	.09	.00
	POWER	-3.10	-8.20	-5.16	-.03	-3.84	-6.19	-2.10	-.01	.00
2.00	7.25	9.08	98373	3393	2338	84000	47400	2.07	436	.0
	RAM	1.10	1.04	-.02	-.02	1.26	1.40	-.38	.00	.00
	BLEED	-2.97	-2.18	-.93	1.79	-1.71	-3.33	1.21	.40	.00
	POWER	-2.10	.19	-.13	2.25	-.19	-.54	.73	.26	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 36089 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.60	NR = 1.00	1.28	3170	5950	.96	1010	45.4	167	1682
	P2 = 4.19	RAM	1.01	1.93	-1.02	-.00	1.01	1.01	-.00
	T2 = 461	BLEED	.52	-3.67	2.61	-.68	-1.96	.52	.01
	ERI = 101	POWER	1.79	-2.50	4.70	.16	.55	1.79	.04
.90	NR = 1.00	1.69	6070	7510	1.01	1081	58.9	213	1765
	P2 = 5.55	RAM	1.01	1.78	-.84	-.00	1.01	1.01	-.00
	T2 = 500	BLEED	.18	-4.16	3.09	-.68	-1.97	.18	-.00
	ERI = 0	POWER	.48	-2.93	4.42	.11	.35	.48	-.01
1.20	NR = .991	2.41	10600	8830	1.06	1148	76.1	278	1765
	P2 = 7.90	RAM	1.02	1.70	-.75	-.00	1.02	1.02	.00
	T2 = 554	BLEED	.07	-4.64	3.69	-.54	-1.87	.07	-.00
	ERI = 0	POWER	-.04	-2.65	3.73	.06	.23	-.04	.00
1.50	NR = .971	3.57	17500	9290	1.25	1234	99.6	370	1765
	P2 =11.70	RAM	1.03	2.10	-1.19	-.00	1.04	1.03	.00
	T2 = 624	BLEED	.09	-5.92	5.38	-.55	-1.85	.09	.00
	ERI = 0	POWER	-.01	-2.15	3.07	.05	.19	-.01	.00
2.00	NR = .925	7.25	36500	12800	1.31	1401	155.2	578	1842
	P2 =23.79	RAM	1.08	1.89	-.88	-.00	1.09	1.08	-.00
	T2 = 774	BLEED	.40	-6.78	6.19	-.54	-2.04	.40	-.00
	ERI = 0	POWER	.26	-1.38	1.99	.03	.12	.26	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 36089 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.82	5719	1158	1229	9800	6620	.86	553	15.1
	RAM	1.02	1.01	.00	-.06	1.43	1.63	-.68	.01	.00
	BLEED	-3.09	-1.21	-.87	2.28	-2.26	-3.59	2.52	.52	.00
	POWER	-7.73	2.16	-1.22	9.01	-2.14	-4.02	6.26	1.79	.00
.90	1.69	3.60	7589	1221	1255	14100	7980	.95	554	15.1
	RAM	1.02	1.01	.00	-.01	1.34	1.59	-.63	.01	.00
	BLEED	-2.89	-1.26	-.70	1.70	-2.14	-3.91	2.81	.18	.00
	POWER	-5.41	1.44	-.52	5.54	-1.58	-3.14	4.64	.48	.00
1.20	2.41	4.53	9381	1236	1307	19700	9180	1.02	535	15.1
	RAM	1.02	1.02	.00	-.01	1.29	1.60	-.63	.01	.00
	BLEED	-2.88	-1.21	-.60	1.64	-2.02	-4.43	3.45	.07	.00
	POWER	-3.87	1.02	-.24	3.65	-1.20	-2.54	3.61	-.04	.00
1.50	3.57	5.78	11571	1255	1368	28000	10500	1.10	509	6.6
	RAM	1.04	1.04	.00	-.01	1.26	1.65	-.66	.00	.00
	BLEED	-3.25	-1.02	-.51	2.09	-1.91	-5.25	4.60	.09	.00
	POWER	-3.27	.87	-.16	3.13	-.82	-2.19	3.11	-.01	.00
2.00	7.25	9.69	16700	1347	1324	50000	13500	1.24	436	6.6
	RAM	1.09	1.09	.00	-.01	1.26	1.72	-.69	.00	.00
	BLEED	-2.74	-1.22	-.69	1.78	-1.41	-6.32	5.64	.40	.00
	POWER	-1.81	.58	-.22	1.92	-.14	-1.23	1.83	.26	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 36089 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	2810	3900	.97	923	35.5	148	1428
	P2 =	4.19	RAM	1.02	2.75	-2.09	-.01	1.00	1.02	-.04
	T2 =	461	BLEED	.11	-.75	2.96	-.41	-1.06	.11	2.29
	ERI =	0	POWER	-1.28	9.39	10.01	1.43	4.77	-1.28	11.36
.90	NR =	1.00	1.69	5030	3650	1.15	959	41.1	177	1424
	P2 =	5.55	RAM	1.02	2.37	-1.64	-.01	.99	1.02	-.06
	T2 =	500	BLEED	.11	-1.25	3.69	-.40	-1.11	.11	2.32
	ERI =	0	POWER	-.90	12.58	4.84	1.10	4.13	-.90	9.69
1.20	NR =	.991	2.41	8240	3480	1.27	1001	47.7	217	1381
	P2 =	7.90	RAM	1.01	2.62	-1.87	-.00	1.02	1.01	-.01
	T2 =	554	BLEED	.07	-2.07	4.76	-.42	-1.29	.07	2.30
	ERI =	0	POWER	-.59	15.11	2.24	1.05	4.02	-.59	8.80
1.50	NR =	.971	3.57	17500	9290	1.25	1234	99.6	370	1765
	P2 =	11.70	RAM	1.03	2.10	-1.19	-.00	1.04	1.03	.00
	T2 =	624	BLEED	.09	-5.92	5.38	-.55	-1.85	.09	.00
	ERI =	0	POWER	-.01	-2.15	3.07	.05	.19	-.01	.00
2.00	NR =	.925	7.25	36500	12800	1.31	1401	155.2	578	1842
	P2 =	23.79	RAM	1.08	1.89	-.88	-.00	1.09	1.08	.00
	T2 =	774	BLEED	.40	-6.78	6.19	-.54	-2.04	.40	-.00
	ERI =	0	POWER	.26	-1.38	1.99	.03	.12	.26	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 36089 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.28	3777	987	1249	7210	4400	.86	490	6.6
	RAM	.96	.95	-.04	.00	1.52	1.84	-.98	.03	-25.76
	BLEED	-.25	2.18	1.19	.00	-.41	-.74	2.96	.11	.00
	POWER	3.35	19.61	9.01	.00	5.21	9.35	10.05	-1.28	.00
.90	1.69	2.70	4196	988	1249	9360	4330	.97	460	15.1
	RAM	.95	.92	-.05	.00	1.41	1.87	-1.04	.02	.00
	BLEED	-.27	2.37	1.17	.00	-.41	-1.01	3.43	.11	.00
	POWER	2.86	17.57	7.36	.00	4.19	10.12	7.27	-.90	.00
1.20	2.41	3.26	4413	972	1249	12300	4030	1.10	418	15.1
	RAM	1.01	1.00	-.00	.00	1.37	2.10	-1.23	.01	.00
	BLEED	-.34	2.53	1.05	.00	-.53	-1.74	4.39	.07	.00
	POWER	2.85	17.45	6.33	.00	3.70	12.48	4.80	-.59	.00
1.50	3.57	5.78	11571	1255	1368	28000	10500	1.10	509	6.6
	RAM	1.04	1.04	.00	-.01	1.26	1.65	-.66	.00	.00
	BLEED	-3.25	-1.02	-.51	2.09	-1.91	-5.25	4.60	.09	.00
	POWER	-3.27	.87	-.16	3.13	-.82	-2.19	3.11	-.01	.00
2.00	7.25	9.69	16700	1347	1324	50000	13500	1.24	436	6.6
	RAM	1.09	1.09	.00	-.01	1.26	1.72	-.69	.00	.00
	BLEED	-2.74	-1.22	-.69	1.78	-1.41	-6.32	5.64	.40	.00
	POWER	-1.81	.58	-.22	1.92	-.14	-1.23	1.83	.26	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 36089 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	2260	540	2.48	800	21.0	119	943
	P2 =	4.19	RAM	1.04	3.82	-4.49	-.04	.85	1.04	-.46
	T2 =	461	BLEED	.02	-4.44	8.34	-.40	-1.36	.02	2.38
	ERI =	0	POWER	-.14	47.11	-6.87	1.88	8.23	-.14	16.85
.90	NR =	1.00	1.69	4030	-340	-3.460	829	23.2	141	873
	P2 =	5.55	RAM	1.01	-5.20	4.42	-.02	.91	1.01	-.30
	T2 =	500	BLEED	.02	9.96	-4.94	-.41	-1.45	.02	2.26
	ERI =	0	POWER	-.05	-76.20	131.77	1.42	7.36	-.05	14.80
1.20	NR =	.991	2.41	6460	-1470	-.625	867	26.3	170	795
	P2 =	7.90	RAM	1.02	-.97	1.31	-.02	.94	1.02	-.21
	T2 =	554	BLEED	.01	3.39	3.01	-.42	-1.57	.01	2.08
	ERI =	0	POWER	-.02	-19.39	77.08	1.20	6.90	-.02	13.56
1.50	NR =	.971	3.57	17600	7250	1.36	1224	96.3	370	1598
	P2 =	11.70	RAM	1.04	2.37	-1.52	-.00	1.04	1.04	-.01
	T2 =	624	BLEED	.04	-1.93	4.60	-.34	-1.14	.04	2.08
	ERI =	0	POWER	-.05	5.52	.82	.33	1.35	-.05	3.15
2.00	NR =	.925	7.25	37000	8270	1.50	1383	146.2	585	1581
	P2 =	23.79	RAM	1.09	2.25	-1.32	-.00	1.09	1.09	-.01
	T2 =	774	BLEED	.02	-2.87	6.57	-.30	-1.20	.02	2.13
	ERI =	0	POWER	-.01	4.73	.28	.20	.96	-.01	2.05

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 36089 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	1.37	1342	690	1587	3100	840	1.60	395	6.6
	RAM	.44	.19	-.30	.00	1.57	3.02	-3.34	.04	.00
	BLEED	-.24	3.34	1.01	.00	-.84	-3.16	6.82	.02	.00
	POWER	2.62	39.87	10.18	.00	8.96	33.51	6.12	-.14	.00
.90	1.69	1.50	1191	671	1587	4070	50	24.52	367	6.6
	RAM	.58	.37	-.17	.00	1.60	49.74	33.20	.02	.00
	BLEED	-.32	4.28	.90	.00	-.92	-78.04	-482.63	.02	.00
	POWER	2.60	42.73	8.06	.00	7.07	597.51	-314.46	-.05	.00
1.20	2.41	1.70	914	663	1587	5530	-940	-.975	328	6.6
	RAM	.73	.40	-.10	.00	1.60	-2.44	2.53	.01	.00
	BLEED	-.45	6.55	.79	.00	-.99	5.88	.62	.01	.00
	POWER	2.62	55.51	6.61	.00	5.68	-33.67	93.77	-.02	.00
1.50	3.57	4.77	9888	1167	1587	25800	8210	1.20	510	6.6
	RAM	1.03	1.03	-.00	.00	1.29	1.85	-.91	.01	.00
	BLEED	-.38	2.54	1.08	.00	-.49	-1.61	4.25	.04	.00
	POWER	1.12	6.37	2.21	.00	1.43	4.58	1.74	-.05	.00
2.00	7.25	7.63	12438	1201	1587	45700	8700	1.43	442	6.6
	RAM	1.09	1.08	-.00	.00	1.28	2.11	-1.15	.01	.00
	BLEED	-.41	3.43	1.04	.00	-.50	-2.71	6.40	.02	.00
	POWER	.72	5.03	1.34	.00	.84	4.47	.53	-.01	.00

11. 45000 FEET

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

M			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.90		1.00	1.69	3940	12200	2.37	995	39.2	145	1659
	[illegible]	3.62	RAM	1.01	1.57	-.77	-.00	1.02	1.01	-.00
	T2 =	453	BLEED	.55	-3.15	1.70	-.68	-1.96	.55	.01
	ERI =	101	POWER	2.19	-4.36	5.29	.19	.65	2.19	.06
1.20	NR =	.991	2.41	7100	17300	2.22	1084	54.2	196	1765
	P2 =	5.14	RAM	1.02	1.44	-.58	-.00	1.02	1.02	.00
	T2 =	503	BLEED	.14	-3.10	1.55	-.66	-1.97	.14	-.00
	ERI =	0	POWER	.40	-2.33	2.91	.11	.38	.40	-.01
1.50	NR =	.971	3.56	11900	22600	2.09	1162	71.8	263	1765
	P2 =	7.62	RAM	1.04	1.39	-.46	-.00	1.04	1.04	.00
	T2 =	566	BLEED	.10	-5.29	-.93	-.54	-1.86	.10	-.00
	ERI =	1	POWER	-.01	-7.27	-4.35	.06	.26	-.01	.03
1.80	NR =	.945	5.43	19300	27600	1.97	1257	95.5	356	1765
	P2 =	11.61	RAM	1.06	1.33	-.30	-.00	1.07	1.06	.00
	T2 =	643	BLEED	.08	-6.76	-.71	-.56	-1.86	.08	.01
	ERI =	1	POWER	-.01	-7.10	-2.57	.06	.23	-.01	.01
2.00	NR =	.925	7.24	26000	33000	1.98	1327	115.2	431	1779
	P2 =	15.48	RAM	1.09	1.36	-.30	-.00	1.09	1.09	.00
	T2 =	702	BLEED	.06	-6.60	-.28	-.53	-1.94	.06	-.00
	ERI =	1	POWER	.00	-5.73	-1.79	.04	.18	.00	-.00
2.30	NR =	.893	11.2	38100	44600	2.08	1429	147.8	551	1867
	P2 =	23.90	RAM	1.12	1.32	-.23	-.00	1.13	1.12	.00
	T2 =	802	BLEED	.42	-2.82	1.62	-.54	-2.07	.42	-.00
	ERI =	1	POWER	.30	-.41	.93	.03	.13	.30	-.00
2.45	NR =	.876	13.9	45600	48700	2.05	1482	165.9	618	1916
	P2 =	29.64	RAM	1.14	1.13	-.36	-.00	1.14	1.14	-.00
	T2 =	857	BLEED	.72	-2.32	2.18	-.55	-2.11	.72	.00
	ERI =	0	POWER	.49	-.56	.67	.03	.13	.49	.00

GEI 94210

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	3.51	28763	3164	2271	16300	12300	2.33	552	6.6
	RAM 1.01	.86	.11	.04	1.40	1.52	-.72	.01	.00	
	BLEED -3.38	-1.53	-.98	2.35	-2.22	-3.10	1.65	.55	.00	
	POWER-10.35	.87	-2.14	11.13	-2.68	-4.24	5.16	2.19	.00	
1.20	2.41	4.75	38322	3313	2321	24700	17600	2.18	553	3.0
	RAM 1.02	.91	.04	.01	1.30	1.42	-.55	.01	-24.00	
	BLEED -3.13	-1.62	-.73	1.83	-2.15	-3.07	1.52	.14	.00	
	POWER -6.66	.55	-.68	6.59	-1.78	-2.66	3.24	.40	.00	
1.50	3.56	6.09	47230	3287	2401	34800	23000	2.06	530	3.0
	RAM 1.04	.97	.01	-.00	1.27	1.40	-.46	.01	.00	
	BLEED -2.83	-6.14	-3.12	-.03	-3.44	-5.27	-.94	.10	.00	
	POWER -3.94	-11.46	-6.20	-.07	-4.79	-7.26	-4.37	-.01	.00	
1.80	5.43	7.89	54360	3084	2401	47700	28400	1.91	502	3.0
	RAM 1.07	1.06	.02	.00	1.27	1.41	-.39	.01	.00	
	BLEED -3.42	-7.39	-4.32	-.03	-4.11	-6.95	-.50	.08	.00	
	POWER -3.60	-9.54	-6.15	-.07	-4.36	-7.31	-2.34	-.01	.00	
2.00	7.24	9.61	65144	3121	2401	60200	34200	1.90	476	.0
	RAM 1.09	1.08	.02	.00	1.28	1.42	-.36	.01	.00	
	BLEED -3.19	-6.85	-3.89	-.03	-3.77	-6.68	-.19	.06	.00	
	POWER -2.78	-7.43	-4.73	-.05	-3.30	-5.81	-1.71	.00	.00	
2.30	11.2	13.71	92974	3400	2268	85500	47300	1.96	421	.0
	RAM 1.13	1.11	.00	-.01	1.28	1.40	-.32	.00	.00	
	BLEED -2.91	-1.27	-.51	2.02	-1.31	-2.70	1.49	.42	.00	
	POWER -2.12	.52	.00	2.39	.01	-.23	.75	.30	.00	
2.45	13.9	16.43	100040	3368	2115	97500	51900	1.93	394	.0
	RAM 1.16	.80	-.19	-.14	1.17	1.20	-.43	-.00	.00	
	BLEED -2.90	-.21	-.12	2.54	-.73	-2.00	1.84	.72	.00	
	POWER -1.80	.11	-.30	2.06	.07	-.29	.40	.49	.00	

GEI 84218

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.90	NR =	1.00	1.69	3940	10900	2.02	995	39.2	145	1659
	P2 =	3.62	RAM	1.01	1.59	-.77	-.00	1.02	1.01	-.00
	T2 =	453	BLEED	.55	-3.27	1.83	-.68	-1.96	.55	.01
	ERI =	101	POWER	2.19	-3.55	4.57	.19	.65	2.19	.06
1.20	NR =	.991	2.41	7100	15400	1.90	1084	54.2	196	1765
	P2 =	5.14	RAM	1.02	1.42	-.54	-.00	1.02	1.02	.00
	T2 =	503	BLEED	.14	-3.27	1.74	-.66	-1.97	.14	-.00
	ERI =	0	POWER	.40	-2.73	3.38	.11	.38	.40	-.01
1.50	NR =	.971	3.56	11900	20000	1.87	1162	71.8	263	1765
	P2 =	7.62	RAM	1.04	1.42	-.50	-.00	1.04	1.04	.00
	T2 =	566	BLEED	.10	-3.22	1.75	-.54	-1.86	.10	-.00
	ERI =	0	POWER	-.01	-1.60	2.05	.06	.26	-.01	.03
1.80	NR =	.945	5.43	19300	25800	1.87	1257	95.5	356	1765
	P2 =	11.61	RAM	1.06	1.32	-.34	-.00	1.07	1.06	.00
	T2 =	643	BLEED	.08	-3.42	1.98	-.56	-1.86	.08	.01
	ERI =	0	POWER	-.01	-1.35	1.77	.06	.23	-.01	.01
2.00	NR =	.925	7.24	26000	30400	1.87	1327	115.2	431	1779
	P2 =	15.48	RAM	1.09	1.35	-.34	-.00	1.09	1.09	.00
	T2 =	702	BLEED	.06	-3.57	2.05	-.53	-1.94	.06	-.00
	ERI =	0	POWER	.00	-1.12	1.45	.04	.18	.00	-.00
2.30	NR =	.893	11.2	38100	38400	1.87	1429	147.8	551	1867
	P2 =	23.90	RAM	1.12	1.34	-.27	-.00	1.13	1.12	.00
	T2 =	802	BLEED	.42	-3.49	1.77	-.54	-2.07	.42	-.00
	ERI =	0	POWER	.30	-.69	.93	.03	.13	.30	-.00
2.45	NR =	.876	13.9	45600	42700	1.88	1482	165.9	618	1916
	P2 =	29.64	RAM	1.14	1.32	-.23	-.00	1.14	1.14	-.00
	T2 =	857	BLEED	.72	-3.57	1.83	-.55	-2.11	.72	.00
	ERI =	0	POWER	.49	-.61	.85	.03	.13	.49	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	3.56	21907	2772	2069	15100	11100	1.97	552	6.6
	RAM 1.02	.88	.05	.01	1.37	1.50	-.67	.01	.00	
	BLEED -3.28	-1.53	-1.24	2.12	-2.29	-3.29	1.85	.55	.00	
	POWER -9.98	.98	-2.43	10.58	-2.60	-4.29	5.33	2.19	.00	
1.20	2.41	4.82	29392	2885	2105	22800	15700	1.88	553	6.6
	RAM 1.03	.92	.00	-.01	1.28	1.41	-.52	.01	.00	
	BLEED -3.05	-1.61	-.90	1.69	-2.18	-3.23	1.70	.14	.00	
	POWER -6.44	.62	-.66	6.35	-1.66	-2.60	3.25	.40	.00	
1.50	3.56	6.18	37508	2882	2190	32300	20400	1.84	530	3.0
	RAM 1.05	.96	-.01	-.01	1.26	1.39	-.46	.01	.00	
	BLEED -3.08	-1.56	-.76	1.77	-2.01	-3.24	1.76	.10	.00	
	POWER -4.58	.44	-.18	4.39	-1.12	-1.76	2.22	-.01	.00	
1.80	5.43	7.96	48206	2866	2283	45800	26500	1.82	502	3.0
	RAM 1.08	1.00	-.02	-.02	1.25	1.39	-.41	.01	.00	
	BLEED -3.87	-1.54	-.64	2.64	-2.02	-3.55	2.13	.08	.00	
	POWER -4.34	.40	-.03	4.29	-.84	-1.45	1.87	-.01	.00	
2.00	7.24	9.70	56965	2879	2272	57500	31500	1.81	476	.0
	RAM 1.10	1.04	-.01	-.02	1.26	1.40	-.39	.01	.00	
	BLEED -3.57	-1.64	-.67	2.30	-1.92	-3.55	2.02	.06	.00	
	POWER -3.33	.31	-.03	3.29	-.57	-1.04	1.37	.00	.00	
2.30	11.2	13.91	71937	2947	2057	78400	40300	1.79	421	.0
	RAM 1.13	1.08	-.02	-.02	1.27	1.40	-.34	.00	.00	
	BLEED -2.80	-1.81	-.90	1.70	-1.50	-3.31	1.58	.42	.00	
	POWER -2.02	.24	-.17	2.18	-.07	-.43	.67	.30	.00	
2.45	13.9	16.61	80202	2977	1947	90500	44900	1.78	394	.0
	RAM 1.14	1.10	-.03	-.02	1.27	1.40	-.32	-.00	.00	
	BLEED -2.76	-1.84	-1.07	1.87	-1.27	-3.28	1.52	.72	.00	
	POWER -1.76	.23	-.27	2.06	.11	-.27	.50	.49	.00	

GEI 04219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.90	NR =	1.00	1.69	3940	8760	1.72	995	39.2	145	1659
	P2 =	3.62	RAM	1.01	1.69	-.85	-.00	1.02	1.01	-.00
	T2 =	453	BLEED	.55	-3.35	1.92	-.68	-1.96	.55	.01
	ERI =	101	POWER	2.19	-2.69	3.91	.19	.65	2.19	.06
1.20	NR =	.991	2.41	7100	12600	1.62	1084	54.2	196	1765
	P2 =	5.14	RAM	1.02	1.52	-.62	-.00	1.02	1.02	.00
	T2 =	503	BLEED	.14	-3.43	1.93	-.66	-1.97	.14	-.00
	ERI =	0	POWER	.40	-2.33	3.10	.11	.38	.40	-.01
1.50	NR =	.971	3.56	11900	16300	1.61	1162	71.8	263	1765
	P2 =	7.62	RAM	1.04	1.41	-.46	-.00	1.04	1.04	.00
	T2 =	566	BLEED	.10	-3.42	1.99	-.54	-1.86	.10	-.00
	ERI =	0	POWER	-.01	-1.76	2.31	.06	.26	-.01	.03
1.80	NR =	.945	5.43	19300	20700	1.62	1257	95.5	356	1765
	P2 =	11.61	RAM	1.06	1.44	-.45	-.00	1.07	1.06	.00
	T2 =	643	BLEED	.08	-4.03	2.72	-.56	-1.86	.08	.01
	ERI =	0	POWER	-.01	-1.88	2.39	.06	.23	-.01	.01
2.00	NR =	.925	7.24	26000	24400	1.62	1327	115.2	431	1779
	P2 =	15.48	RAM	1.09	1.46	-.44	-.00	1.09	1.09	.00
	T2 =	702	BLEED	.06	-3.92	2.49	-.53	-1.94	.06	-.00
	ERI =	0	POWER	.00	-1.09	1.48	.04	.18	.00	-.00
2.30	NR =	.893	11.2	38100	30700	1.63	1429	147.8	551	1867
	P2 =	23.90	RAM	1.12	1.42	-.35	-.00	1.13	1.12	.00
	T2 =	802	BLEED	.42	-3.76	2.13	-.54	-2.07	.42	-.00
	ERI =	0	POWER	.30	-.50	.79	.03	.13	.30	-.00
2.45	NR =	.876	13.9	45600	34000	1.64	1482	165.9	618	1916
	P2 =	29.64	RAM	1.14	1.42	-.33	-.00	1.14	1.14	-.00
	T2 =	857	BLEED	.72	-3.94	2.30	-.55	-2.11	.72	.00
	ERI =	0	POWER	.49	-.51	.79	.03	.13	.49	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	3.63	15052	2194	1780	13200	9310	1.62	552	6.6
	RAM	1.02	.92	.05	.01	1.37	1.52	-.65	.01	.00
	BLEED	-3.20	-1.53	-1.24	2.07	-2.21	-3.38	1.95	.55	.00
	POWER	-9.58	1.19	-2.31	10.30	-2.28	-4.17	5.42	2.19	.00
1.20	2.41	4.92	20462	2295	1816	20000	12900	1.58	553	6.6
	RAM	1.03	.95	.01	-.00	1.28	1.43	-.52	.01	.00
	BLEED	-2.99	-1.59	-.89	1.64	-2.13	-3.37	1.87	.14	.00
	POWER	-6.19	.75	-.62	6.16	-1.53	-2.60	3.38	.40	.00
1.50	3.56	6.31	26155	2301	1892	28500	16600	1.58	530	6.6
	RAM	1.05	.98	.00	-.01	1.26	1.42	-.47	.01	.00
	BLEED	-3.01	-1.53	-.76	1.71	-1.96	-3.45	2.02	.10	.00
	POWER	-4.39	.53	-.19	4.23	-1.05	-1.80	2.36	-.01	.00
1.80	5.43	8.14	33575	2299	1976	40400	21100	1.59	502	.0
	RAM	1.07	1.02	-.01	-.02	1.25	1.42	-.43	.01	.00
	BLEED	-3.74	-1.47	-.64	2.51	-1.96	-3.83	2.50	.08	.00
	POWER	-4.13	.48	-.04	4.07	-.79	-1.50	2.00	-.01	.00
2.00	7.24	9.91	39619	2318	1971	50800	24800	1.60	476	.0
	RAM	1.09	1.05	-.01	-.01	1.26	1.44	-.41	.01	.00
	BLEED	-3.47	-1.58	-.67	2.19	-1.88	-3.90	2.47	.06	.00
	POWER	-3.18	.38	-.05	3.12	-.54	-1.10	1.50	.00	.00
2.30	11.2	14.15	50089	2392	1800	69500	31300	1.60	421	.0
	RAM	1.13	1.10	-.01	-.01	1.27	1.44	-.37	.00	.00
	BLEED	-2.74	-1.75	-.90	1.65	-1.47	-3.76	2.13	.42	.00
	POWER	-1.95	.28	-.19	2.10	-.06	-.50	.79	.30	.00
2.45	13.9	16.86	55851	2428	1711	80300	34700	1.61	394	.0
	RAM	1.14	1.11	-.02	-.01	1.27	1.44	-.35	-.00	.00
	BLEED	-2.71	-1.78	-1.06	1.82	-1.23	-3.79	2.13	.72	.00
	POWER	-1.69	.27	-.27	1.99	.13	-.35	.63	.49	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.90	NR =	1.00	1.69	3940	6880	1.51	995	39.2	145	1659
	P2 =	3.62	RAM	1.01	1.49	-1.09	-.00	1.02	1.01	-.00
	T2 =	453	BLEED	.55	-3.27	2.83	-.68	-1.96	.55	.01
	ERI =	101	POWER	2.19	-3.85	5.08	.19	.65	2.19	.06
1.20	NR =	.991	2.41	7100	9110	1.37	1084	54.2	196	1765
	P2 =	5.14	RAM	1.02	1.46	-.96	-.00	1.02	1.02	.00
	T2 =	503	BLEED	.14	-3.37	2.80	-.66	-1.97	.14	-.00
	ERI =	0	POWER	.40	-2.38	3.27	.11	.38	.40	-.01
1.50	NR =	.971	3.56	11900	11200	1.32	1162	71.8	263	1765
	P2 =	7.62	RAM	1.04	1.61	-.62	-.00	1.04	1.04	.00
	T2 =	566	BLEED	.10	-3.95	2.65	-.54	-1.86	.10	-.00
	ERI =	0	POWER	-.01	-1.53	2.32	.06	.26	-.01	.03
1.80	NR =	.945	5.43	19300	14000	1.36	1257	95.5	356	1765
	P2 =	11.61	RAM	1.06	1.50	-.46	-.00	1.07	1.06	.00
	T2 =	643	BLEED	.08	-4.62	3.54	-.56	-1.86	.08	.01
	ERI =	0	POWER	-.01	-1.78	2.51	.06	.23	-.01	.01
2.00	NR =	.925	7.24	26000	15900	1.40	1327	115.2	431	1779
	P2 =	15.48	RAM	1.09	1.57	-.52	-.00	1.09	1.09	.00
	T2 =	702	BLEED	.06	-4.76	3.59	-.53	-1.94	.06	-.00
	ERI =	0	POWER	.00	-1.08	1.64	.04	.18	.00	-.00
2.30	NR =	.893	11.2	38100	19500	1.45	1429	147.8	551	1867
	P2 =	23.90	RAM	1.12	1.64	-.55	-.00	1.13	1.12	.00
	T2 =	802	BLEED	.42	-5.01	3.67	-.54	-2.07	.42	-.00
	ERI =	0	POWER	.30	-.72	1.13	.03	.13	.30	-.00
2.45	NR =	.876	13.9	45600	21500	1.46	1482	165.9	618	1916
	P2 =	29.64	RAM	1.14	1.60	-.50	-.00	1.14	1.14	-.00
	T2 =	857	BLEED	.72	-5.19	3.88	-.55	-2.11	.72	.00
	ERI =	0	POWER	.49	-.64	1.04	.03	.13	.49	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	3.68	10399	1739	1550	11700	7760	1.34	552	6.6
	RAM 1.04	.48	-.25	-.17	1.21	1.31	-.89	.01	.00	
	BLEED -3.18	-.57	-.61	2.40	-1.83	-3.04	2.59	.55	.00	
	POWER -9.30	1.18	-2.27	10.02	-2.09	-4.26	5.50	2.19	.00	
1.20	2.41	5.01	12470	1677	1507	16900	9800	1.27	553	6.6
	RAM 1.04	.57	-.26	-.16	1.14	1.23	-.70	.01	.00	
	BLEED -2.96	-.71	-.33	1.92	-1.78	-3.17	2.58	.14	.00	
	POWER -5.96	.86	-.67	5.88	-1.45	-2.80	3.70	.40	.00	
1.50	3.56	6.45	14802	1620	1534	23500	11600	1.28	530	6.6
	RAM 1.04	1.04	.02	.01	1.26	1.50	-.49	.01	.00	
	BLEED -2.93	-1.46	-.74	1.63	-1.91	-3.97	2.67	.10	.00	
	POWER -4.21	.77	-.21	3.99	-1.00	-2.00	2.80	-.01	.00	
1.80	5.43	8.34	18944	1639	1611	33600	14300	1.33	502	6.6
	RAM 1.07	1.07	.01	-.00	1.26	1.52	-.48	.01	.00	
	BLEED -3.63	-1.32	-.60	2.41	-1.89	-4.55	3.47	.08	.00	
	POWER -3.94	.70	-.07	3.83	-.74	-1.73	2.46	-.01	.00	
2.00	7.24	10.15	22273	1666	1615	42300	16400	1.36	476	3.0
	RAM 1.09	1.09	.01	-.00	1.26	1.54	-.48	.01	.00	
	BLEED -3.37	-1.42	-.64	2.10	-1.81	-4.79	3.62	.06	.00	
	POWER -3.03	.55	-.09	2.93	-.51	-1.34	1.90	.00	.00	
2.30	11.2	14.41	28241	1750	1495	58300	20100	1.40	421	.0
	RAM 1.13	1.13	.01	-.00	1.27	1.55	-.45	.00	.00	
	BLEED -2.69	-1.61	-.85	1.63	-1.40	-4.85	3.49	.42	.00	
	POWER -1.87	.41	-.21	2.01	-.05	-.72	1.13	.30	.00	
2.45	13.9	17.14	31501	1792	1431	67600	22100	1.43	394	.0
	RAM 1.14	1.14	-.00	-.00	1.27	1.55	-.44	-.00	.00	
	BLEED -2.66	-1.62	-.97	1.83	-1.15	-5.00	3.66	.72	.00	
	POWER -1.63	.39	-.27	1.93	.15	-.56	.96	.49	.00	

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	2040	3890	.92	922	29.7	113	1553
	P2 =	2.73	RAM	1.01	1.93	-1.00	-.00	1.03	1.01	-.00
	T2 =	418	BLEED	.85	-3.22	2.06	-.69	-1.97	.85	.01
	ERI =	101	POWER	4.11	-1.55	4.43	.23	.76	4.11	.09
.90	NR =	1.00	1.69	3940	5100	.96	995	39.2	145	1659
	P2 =	3.62	RAM	1.01	1.73	-.78	-.00	1.02	1.01	-.00
	T2 =	453	BLEED	.55	-3.65	2.58	-.68	-1.96	.55	.01
	ERI =	101	POWER	2.19	-2.57	5.11	.19	.65	2.19	.06
1.20	NR =	.991	2.41	7100	6060	1.15	1084	54.2	196	1765
	P2 =	5.14	RAM	1.02	1.67	-.84	-.00	1.02	1.02	.00
	T2 =	503	BLEED	.14	-3.90	2.88	-.66	-1.97	.14	-.00
	ERI =	0	POWER	.40	-2.67	4.10	.11	.38	.40	-.01
1.50	NR =	.971	3.56	11900	7750	1.13	1162	71.8	263	1765
	P2 =	7.62	RAM	1.04	1.81	-.85	-.00	1.04	1.04	.00
	T2 =	566	BLEED	.10	-4.86	3.97	-.54	-1.86	.10	-.00
	ERI =	0	POWER	-.01	-2.17	3.33	.06	.26	-.01	.03
1.80	NR =	.945	5.43	19300	9350	1.17	1257	95.5	356	1765
	P2 =	11.61	RAM	1.06	1.68	-.67	-.00	1.07	1.06	.00
	T2 =	643	BLEED	.08	-5.36	4.83	-.56	-1.86	.08	.01
	ERI =	0	POWER	-.01	-1.77	2.85	.06	.23	-.01	.01
2.00	NR =	.925	7.24	26000	10300	1.22	1327	115.2	431	1779
	P2 =	15.48	RAM	1.09	1.68	-.64	-.00	1.09	1.09	.00
	T2 =	702	BLEED	.06	-6.11	5.60	-.53	-1.94	.06	-.00
	ERI =	0	POWER	.00	-1.65	2.51	.04	.18	.00	-.00
2.30	NR =	.893	11.2	38100	12200	1.30	1429	147.8	551	1867
	P2 =	23.90	RAM	1.12	1.74	-.67	-.00	1.13	1.12	.00
	T2 =	802	BLEED	.42	-6.71	6.07	-.54	-2.07	.42	-.00
	ERI =	0	POWER	.30	-1.17	1.81	.03	.13	.30	-.00
2.45	NR =	.876	13.9	45600	12900	1.36	1482	165.9	618	1916
	P2 =	29.64	RAM	1.14	1.80	-.73	-.00	1.14	1.14	-.00
	T2 =	857	BLEED	.72	-7.07	6.54	-.55	-2.11	.72	.00
	ERI =	0	POWER	.49	-.79	1.41	.03	.13	.49	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.86	3570	1067	1203	6390	4350	.82	547	15.1
	RAM	1.01	1.03	.01	-.05	1.43	1.63	-.65	.02	.00
	BLEED	-2.89	-1.26	-1.09	2.29	-1.94	-3.25	2.09	.85	.00
	POWER	-10.02	2.87	-3.00	12.65	-1.63	-4.33	7.26	4.11	.00
.90	1.69	3.74	4899	1141	1221	9370	5430	.90	552	15.1
	RAM	1.02	1.02	.01	-.01	1.33	1.56	-.59	.01	.00
	BLEED	-3.09	-1.21	-.89	2.16	-1.91	-3.69	2.63	.55	.00
	POWER	-8.97	2.51	-1.47	10.13	-1.44	-4.08	6.66	2.19	.00
1.20	2.41	5.08	6970	1221	1258	14300	7170	.97	553	6.6
	RAM	1.03	1.02	.00	-.01	1.27	1.51	-.53	.01	-25.76
	BLEED	-2.89	-1.27	-.68	1.68	-1.94	-3.99	2.89	.14	85.86
	POWER	-5.81	1.54	-.51	5.86	-1.29	-2.97	4.56	.40	340.74
1.50	3.56	6.53	8763	1239	1317	20300	8460	1.04	530	6.6
	RAM	1.04	1.04	.00	-.01	1.25	1.55	-.55	.01	.00
	BLEED	-2.90	-1.18	-.61	1.69	-1.81	-4.50	3.55	.10	.00
	POWER	-4.10	1.12	-.25	3.90	-.98	-2.34	3.50	-.01	.00
1.80	5.43	8.45	10907	1260	1385	29100	9820	1.11	502	6.6
	RAM	1.07	1.07	.00	-.01	1.25	1.61	-.58	.01	.00
	BLEED	-3.57	-.92	-.46	2.43	-1.79	-5.45	4.93	.08	.00
	POWER	-3.83	1.04	-.12	3.71	-.73	-2.15	3.24	-.01	.00
2.00	7.24	10.28	12582	1286	1392	36800	10800	1.16	476	6.6
	RAM	1.09	1.09	.00	-.01	1.25	1.65	-.61	.01	.00
	BLEED	-3.32	-1.03	-.50	2.14	-1.71	-5.97	5.43	.06	.00
	POWER	-2.95	.83	-.13	2.84	-.52	-1.76	2.63	.00	.00
2.30	11.2	14.57	15806	1369	1300	50900	12800	1.24	421	3.0
	RAM	1.13	1.13	.00	-.01	1.27	1.69	-.61	.00	.00
	BLEED	-2.66	-1.24	-.69	1.71	-1.29	-6.40	5.71	.42	.00
	POWER	-1.82	.62	-.23	1.97	-.05	-1.09	1.73	.30	.00
2.45	13.9	17.30	17540	1413	1250	59300	13700	1.28	394	.0
	RAM	1.14	1.14	.00	-.00	1.27	1.70	-.61	-.00	.00
	BLEED	-2.63	-1.23	-.77	1.93	-1.01	-6.76	6.16	.72	.00
	POWER	-1.59	.61	-.26	1.91	.17	-.90	1.53	.49	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	2070	3740	.91	919	29.3	114	1502
	P2 =	2.73	RAM	1.03	1.92	-1.05	-.01	1.01	1.03	-.04
	T2 =	418	BLEED	.04	-1.02	2.74	-.46	-1.21	.04	2.05
	ERI =	101	POWER	-.67	11.87	8.88	1.64	5.47	-.67	12.23
.90	NR =	1.00	1.69	3930	4800	.96	983	38.1	145	1599
	P2 =	3.62	RAM	1.02	1.79	-.87	-.01	1.01	1.02	-.02
	T2 =	453	BLEED	.04	-1.02	2.85	-.46	-1.20	.04	2.06
	ERI =	0	POWER	-.61	9.71	6.92	1.29	4.27	-.61	9.58
1.20	NR =	.991	2.41	6810	6090	1.00	1050	50.1	188	1676
	P2 =	5.14	RAM	1.02	1.64	-.69	-.00	1.02	1.02	-.01
	T2 =	503	BLEED	.09	-.83	3.07	-.36	-1.05	.09	2.23
	ERI =	0	POWER	-.68	7.35	5.02	.89	3.03	-.68	7.05

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.74	3399	1030	1249	6240	4170	.82	554	15.1
	RAM	.97	.97	-.03	.00	1.42	1.61	-.70	.03	.00
	BLEED	-.37	1.67	1.06	.00	-.57	-.87	2.58	.04	.00
	POWER	4.51	20.94	10.03	.00	6.49	10.04	10.70	-.67	.00
.90	1.69	3.58	4590	1102	1249	9050	5110	.90	551	15.1
	RAM	1.00	.99	-.01	.00	1.34	1.58	-.64	.02	.00
	BLEED	-.33	1.79	1.08	.00	-.52	-.95	2.77	.04	.00
	POWER	3.97	16.80	7.90	.00	4.75	8.88	7.75	-.61	.00
1.20	2.41	4.78	6105	1162	1249	13100	6320	.97	530	15.1
	RAM	1.02	1.01	-.00	.00	1.27	1.55	-.58	.01	.00
	BLEED	-.25	2.21	1.22	.00	-.33	-.79	3.03	.09	.00
	POWER	2.49	12.49	5.77	.00	3.01	6.99	5.38	-.68	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.10.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	1790	2240	.98	832	22.2	99	1274
	P2 =	2.73	RAM	1.03	1.80	-.92	-.00	1.01	1.03	-.04
	T2 =	418	BLEED	.10	-.85	3.07	-.40	-1.07	.10	2.35
	ERI =	0	POWER	-1.76	18.74	14.65	2.54	8.37	-1.76	20.05
.90	NR =	1.00	1.69	3200	2080	1.14	862	25.5	118	1252
	P2 =	3.62	RAM	1.03	1.94	-1.12	-.01	1.00	1.03	-.06
	T2 =	453	BLEED	.10	-1.55	3.84	-.43	-1.19	.10	2.29
	ERI =	0	POWER	-1.42	23.10	6.68	1.94	7.22	-1.42	16.80
1.20	NR =	.991	2.41	5240	1920	1.29	900	29.5	145	1211
	P2 =	5.14	RAM	1.02	2.80	-2.15	-.01	1.01	1.02	-.04
	T2 =	503	BLEED	.07	-2.58	5.21	-.41	-1.34	.07	2.26
	ERI =	0	POWER	-.79	27.58	1.91	1.71	6.83	-.79	14.81
1.50	NR =	.971	3.56	11900	7750	1.13	1162	71.8	263	1765
	P2 =	7.62	RAM	1.04	1.81	-.85	-.00	1.04	1.04	.00
	T2 =	566	BLEED	.10	-4.86	3.97	-.54	-1.86	.10	-.00
	ERI =	0	POWER	-.01	-2.16	3.33	.06	.26	-.01	.03
1.80	NR =	.945	5.43	19300	9350	1.17	1257	95.5	356	1765
	P2 =	11.61	RAM	1.06	1.68	-.67	-.00	1.07	1.06	.00
	T2 =	643	BLEED	.08	-5.36	4.83	-.56	-1.86	.08	.01
	ERI =	0	POWER	-.01	-1.77	2.85	.06	.23	-.01	.01
2.00	NR =	.925	7.24	26000	10300	1.22	1327	115.2	431	1779
	P2 =	15.48	RAM	1.09	1.68	-.64	-.00	1.09	1.09	.00
	T2 =	702	BLEED	.06	-6.11	5.60	-.53	-1.94	.06	-.00
	ERI =	0	POWER	.00	-1.65	2.51	.04	.18	.00	-.00
2.30	NR =	.893	11.2	38100	12200	1.30	1429	147.8	551	1868
	P2 =	23.90	RAM	1.12	1.74	-.67	-.00	1.13	1.12	-.00
	T2 =	802	BLEED	.42	-6.71	6.07	-.54	-2.07	.42	-.00
	ERI =	0	POWER	.30	-1.16	1.81	.03	.13	.30	.00
2.45	NR =	.876	13.9	45600	12900	1.36	1482	165.9	618	1916
	P2 =	29.64	RAM	1.14	1.80	-.73	-.00	1.14	1.14	-.00
	T2 =	857	BLEED	.72	-7.07	6.54	-.55	-2.11	.72	-.00
	ERI =	0	POWER	.48	-.80	1.41	.03	.12	.48	-.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.10.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	2.21	2198	876	1249	4470	2670	.82	480	15.1
	RAM	.97	.96	-.03	.00	1.56	1.91	-1.05	.03	.00
	BLEED	-.26	2.17	1.20	.00	-.43	-.79	2.99	.10	.00
	POWER	6.06	33.74	15.43	.00	9.63	17.27	16.11	-1.76	.00
.90	1.69	2.59	2376	869	1249	5730	2540	.94	448	15.1
	RAM	.96	.93	-.05	.00	1.44	1.96	-1.15	.03	11.26
	BLEED	-.32	2.19	1.09	.00	-.49	-1.23	3.49	.10	.00
	POWER	4.96	30.00	12.48	.00	7.26	18.22	11.48	-1.42	.00
1.20	2.41	3.13	2474	853	1249	7540	2300	1.07	408	15.1
	RAM	.99	.95	-.03	.00	1.38	2.19	-1.39	.02	.00
	BLEED	-.43	2.44	.98	.00	-.59	-2.09	4.67	.07	.00
	POWER	4.55	29.58	10.30	.00	6.27	22.33	6.99	-.79	.00
1.50	3.56	6.53	8763	1239	1317	20300	8460	1.04	530	6.6
	RAM	1.04	1.04	.00	-.01	1.25	1.55	-.55	.01	.00
	BLEED	-2.90	-1.18	-.61	1.69	-1.81	-4.50	3.55	.10	.00
	POWER	-4.10	1.12	-.25	3.89	-.98	-2.34	3.50	-.01	.00
1.80	5.43	8.45	10907	1260	1385	29100	9820	1.11	502	6.6
	RAM	1.07	1.07	.00	-.01	1.25	1.61	-.58	.01	.00
	BLEED	-3.57	-.92	-.46	2.43	-1.79	-5.45	4.93	.08	.00
	POWER	-3.83	1.04	-.12	3.71	-.73	-2.15	3.24	-.01	.00
2.00	7.24	10.28	12582	1286	1392	36800	10800	1.16	476	6.6
	RAM	1.09	1.09	.00	-.01	1.25	1.65	-.61	.01	.00
	BLEED	-3.32	-1.03	-.50	2.14	-1.71	-5.97	5.43	.06	.00
	POWER	-2.95	.83	-.13	2.84	-.52	-1.76	2.63	.00	.00
2.30	11.2	14.57	15807	1369	1300	50900	12800	1.24	421	3.0
	RAM	1.13	1.13	.00	-.01	1.27	1.69	-.61	.00	.00
	BLEED	-2.66	-1.24	-.69	1.71	-1.29	-6.40	5.71	.42	.00
	POWER	-1.82	.62	-.23	1.97	-.05	-1.09	1.73	.30	.00
2.45	13.9	17.30	17542	1413	1250	59300	13700	1.28	394	.0
	RAM	1.14	1.14	.00	-.00	1.27	1.70	-.61	-.00	.00
	BLEED	-2.63	-1.23	-.77	1.93	-1.01	-6.76	6.16	.72	.00
	POWER	-1.59	.60	-.26	1.91	.16	-.91	1.53	.48	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.60	NR =	1.00	1.28	1530	-220	-3.470	737	14.2	85	791
	P2 =	2.73	RAM	.94	-2.31	2.07	-.07	.72	.94	-.49
	T2 =	418	BLEED	-1.18	14.85	-12.15	-.94	-3.58	-1.18	1.47
	ERI =	100	POWER	-18.13	77.51	-73.10	-7.41	-24.20	-18.13	8.64
.90	NR =	1.00	1.69	2830	-880	-.885	778	17.0	105	752
	P2 =	3.62	RAM	.94	-.38	.38	-.07	.74	.94	-.42
	T2 =	453	BLEED	-1.11	5.12	-4.75	-.94	-3.63	-1.11	1.04
	ERI =	100	POWER	-14.79	16.11	-15.86	-5.62	-20.05	-14.79	5.27
1.20	NR =	.991	2.41	4560	-880	-.885	815	19.5	126	768
	P2 =	5.14	RAM	.88	-.91	.87	-.08	.71	.88	-.33
	T2 =	503	BLEED	-1.26	9.02	-7.94	-.96	-3.74	-1.26	.71
	ERI =	100	POWER	-15.12	28.32	-27.48	-4.89	-17.67	-15.12	2.31
1.50	NR =	.971	3.56	11900	5300	1.28	1147	67.8	264	1497
	P2 =	7.62	RAM	1.04	2.18	-1.31	-.00	1.04	1.04	-.01
	T2 =	566	BLEED	.03	-1.71	4.34	-.31	-1.13	.03	2.14
	ERI =	0	POWER	-.04	7.27	1.47	.39	1.89	-.04	4.43
1.80	NR =	.945	5.43	19300	6950	1.30	1245	91.6	357	1564
	P2 =	11.61	RAM	1.06	1.96	-1.00	-.00	1.06	1.06	-.01
	T2 =	643	BLEED	.04	-1.91	4.75	-.34	-1.15	.04	2.10
	ERI =	0	POWER	-.04	5.56	1.25	.31	1.43	-.04	3.27
2.00	NR =	.925	7.24	26000	7400	1.37	1314	110.1	432	1570
	P2 =	15.48	RAM	1.09	1.93	-.94	-.00	1.09	1.09	-.01
	T2 =	702	BLEED	.03	-2.45	5.46	-.36	-1.22	.03	1.99
	ERI =	0	POWER	-.02	5.10	.97	.26	1.22	-.02	2.72
2.30	NR =	.893	11.2	38800	6240	1.67	1406	136.2	560	1515
	P2 =	23.90	RAM	1.13	2.25	-1.27	-.00	1.13	1.13	-.01
	T2 =	802	BLEED	.01	-3.49	7.90	-.26	-1.21	.01	2.20
	ERI =	0	POWER	-.01	5.69	-.16	.14	.95	-.01	2.06
2.45	NR =	.876	13.9	46800	5310	1.94	1456	150.2	635	1493
	P2 =	29.64	RAM	1.14	2.92	-2.08	-.00	1.14	1.14	-.00
	T2 =	857	BLEED	.01	-5.46	10.70	-.29	-1.28	.01	2.09
	ERI =	0	POWER	-.01	7.03	-1.33	.13	.89	-.01	1.90

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 45000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.60	1.28	1.16	780	603	2400	1420	-110	-7.240	410	6.6
	RAM	.22	.00	-.30	.00	1.47	-6.14	4.70	-.07	.00
	BLEED	-.58	.00	.18	.00	-3.88	34.45	-22.71	-1.18	.00
	POWER	-5.53	.00	.10	.00	-33.99	191.16	-166.4	-18.13	.00
.90	1.69	1.24	780	603	2400	2110	-720	-1.080	397	6.6
	RAM	.33	.00	-.24	.00	1.50	-.69	.67	-.06	.00
	BLEED	-.77	-.00	.01	.00	-3.84	6.84	-6.20	-1.11	.00
	POWER	-5.38	.00	-.89	.00	-28.09	24.06	-23.5	-14.79	.00
1.20	2.41	1.74	780	627	1690	4070	-490	-1.590	355	6.6
	RAM	.61	.00	-.18	.00	1.31	-2.69	2.37	-.13	.00
	BLEED	-1.82	.00	-.04	.00	-3.73	19.22	-14.92	-1.26	.00
	POWER	-12.72	.00	-.70	.00	-25.54	71.45	-66.3	-15.12	.00
1.50	3.56	4.72	6807	1094	1690	17700	5810	1.17	531	6.6
	RAM	1.04	1.02	-.01	.00	1.30	1.83	-.90	.01	.00
	BLEED	-.36	2.52	1.12	.00	-.47	-1.50	4.11	.03	.00
	POWER	1.68	8.80	3.13	.00	2.05	6.34	2.38	-.04	.00
1.80	5.43	6.56	8999	1156	1690	26600	7240	1.24	503	6.6
	RAM	1.06	1.05	-.00	.00	1.27	1.83	-.86	.01	.00
	BLEED	-.31	2.71	1.07	.00	-.47	-1.82	4.66	.04	.00
	POWER	1.19	6.87	2.25	.00	1.41	5.28	1.52	-.04	.00
2.00	7.24	8.01	10159	1178	1690	33700	7710	1.32	477	6.6
	RAM	1.08	1.08	-.00	.00	1.27	1.91	-.92	.01	.00
	BLEED	-.44	2.81	.98	.00	-.52	-2.38	5.39	.03	.00
	POWER	.96	6.11	1.83	.00	1.14	5.04	1.02	-.02	.00
2.30	11.2	10.37	10415	1176	1690	45500	6710	1.55	428	3.0
	RAM	1.12	1.12	-.00	.00	1.29	2.25	-1.28	.01	.00
	BLEED	-.41	4.00	1.06	.00	-.48	-3.33	7.71	.01	.00
	POWER	.69	5.52	1.29	.00	.80	5.44	.08	-.01	.00
2.45	13.9	11.79	10310	1181	1690	52600	5800	1.78	405	.0
	RAM	1.14	1.14	-.00	.00	1.30	2.57	-1.64	.00	.00
	BLEED	-.48	4.37	.97	.00	-.53	-4.95	10.06	.01	.00
	POWER	.61	5.59	1.14	.00	.70	6.38	-.73	-.01	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 45000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.90	NR =	1.00	1.69	3930	11400	2.48	1082	38.1	138	1765
	P2 =	3.62	RAM	1.02	1.56	-.75	-.00	1.02	1.02	.00
	T2 =	500	BLEED	.10	-3.54	2.10	-.65	-1.97	.10	-.00
	ERI =	20	POWER	.43	-4.92	5.73	.16	.53	.43	-.01
1.20	NR =	.991	2.41	6850	14700	2.36	1149	49.3	180	1765
	P2 =	5.15	RAM	1.02	1.42	-.63	-.00	1.02	1.02	-.00
	T2 =	554	BLEED	.07	-5.23	-1.56	-.54	-1.88	.07	-.00
	ERI =	1	POWER	-.06	-10.49	-8.99	.09	.36	-.06	.01
1.50	NR =	.971	3.57	11400	18200	2.11	1235	64.7	240	1765
	P2 =	7.63	RAM	1.04	1.46	-.53	-.00	1.04	1.04	-.00
	T2 =	624	BLEED	.08	-6.64	-.23	-.55	-1.86	.08	.01
	ERI =	1	POWER	-.02	-10.02	-3.30	.08	.31	-.02	.01
2.00	NR =	.925	7.25	23800	29900	2.17	1401	100.7	376	1843
	P2 =	15.50	RAM	1.08	1.36	-.34	-.00	1.09	1.08	-.00
	T2 =	774	BLEED	.39	-3.79	.83	-.54	-2.05	.39	-.01
	ERI =	1	POWER	.39	-1.98	.18	.04	.19	.39	-.01
2.30	NR =	.893	11.2	34200	36600	2.10	1505	126.9	470	1937
	P2 =	23.94	RAM	1.12	1.36	-.27	-.00	1.13	1.12	.00
	T2 =	883	BLEED	1.37	-1.81	2.57	-.54	-2.10	1.37	-.00
	ERI =	1	POWER	1.25	.11	1.42	.04	.18	1.25	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 45000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	3.35	2[illegible]	3274	2311	15500	11600	2.44	551	6.6
	RAM 1.02	.86	.04	.01	1.40	1.53	-.72	.02	.00	
	BLEED -3.08	-1.55	-1.06	1.57	-2.62	-3.54	2.11	.10	.00	
	POWER -9.25	.74	-1.45	8.76	-3.73	-5.14	5.96	.43	.00	
1.20	2.41	4.20	34648	3294	2401	21800	15000	2.32	533	6.6
	RAM 1.02	.84	.03	.00	1.32	1.46	-.67	.01	.00	
	BLEED -2.85	-6.67	-2.96	-.02	-3.62	-5.32	-1.47	.07	.00	
	POWER -5.80	-19.15	-8.57	-.08	-7.35	-10.69	-8.80	-.06	.00	
1.50	3.57	5.37	38353	3113	2400	29800	18400	2.08	508	3.0
	RAM 1.05	.97	.02	-.00	1.30	1.46	-.53	.01	.00	
	BLEED -3.27	-6.84	-3.99	-.00	-4.05	-6.61	-.26	.08	.00	
	POWER -5.02	-13.16	-8.25	.02	-6.17	-9.97	-3.34	-.02	.00	
2.00	7.25	9.03	64826	3400	2352	54700	30900	2.1[illegible]	435	.0
	RAM 1.10	1.05	.00	-.01	1.27	1.42	-.40	.00	.00	
	BLEED -2.92	-3.01	-1.40	1.42	-2.00	-3.84	.88	.39	.00	
	POWER -3.11	-1.80	-1.27	2.63	-.96	-2.00	.19	.39	.00	
2.30	11.2	13.06	76762	3400	2039	72300	38100	2.01	376	.0
	RAM 1.13	1.11	.00	-.02	1.28	1.42	-.34	-.00	.00	
	BLEED -3.15	.69	.00	3.52	-.10	-1.42	2.16	1.37	.00	
	POWER -2.58	1.53	.00	3.76	.88	.55	.97	1.25	.00	

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 45000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.90	NR =	1.00	1.69	3930	4840	1.02	1082	38.1	138	1765
	P2 =	3.62	RAM	1.02	1.81	-.87	-.00	1.02	1.02	.00
	T2 =	500	BLEED	.10	-4.28	3.21	-.65	-1.97	.10	-.00
	ERI =	0	POWER	.43	-4.70	6.96	.16	.53	.43	-.01
1.20	NR =	.991	2.41	6850	5700	1.07	1149	49.3	180	1765
	P2 =	5.15	RAM	1.02	1.71	-.76	-.00	1.02	1.02	-.00
	T2 =	554	BLEED	.07	-4.68	3.72	-.54	-1.88	.07	-.00
	ERI =	0	POWER	-.06	-4.16	5.82	.09	.36	-.06	.01
1.50	NR =	.971	3.57	11400	6000	1.25	1235	64.7	240	1765
	P2 =	7.63	RAM	1.04	2.11	-1.20	-.00	1.04	1.04	-.00
	T2 =	624	BLEED	.08	-5.98	5.49	-.55	-1.86	.08	.01
	ERI =	0	POWER	-.02	-3.36	4.86	.08	.31	-.02	.01
2.00	NR =	.925	7.25	23800	8250	1.31	1401	100.7	376	1843
	P2 =	15.50	RAM	1.08	1.89	-.88	-.00	1.09	1.08	-.00
	T2 =	774	BLEED	.39	-6.81	6.22	-.54	-2.05	.39	-.01
	ERI =	0	POWER	.39	-2.13	3.06	.04	.19	.39	-.01
2.30	NR =	.893	11.2	34200	9310	1.43	1505	126.9	470	1937
	P2 =	23.94	RAM	1.12	1.91	-.86	-.00	1.13	1.12	.00
	T2 =	883	BLEED	1.37	-7.08	6.64	-.54	-2.10	1.37	-.00
	ERI =	0	POWER	1.25	-.79	1.69	.04	.18	1.25	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 45000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	3.57	4913	1219	1258	9070	5140	.96	551	15.1
	RAM	1.02	1.02	.00	-.00	1.35	1.61	-.64	.02	.00
	BLEED	-2.89	-1.28	-.67	1.65	-2.21	-3.98	2.87	.10	.00
	POWER	-8.16	2.17	-.67	8.13	-2.62	-4.96	7.23	.43	.00
1.20	2.41	4.50	6083	1235	1309	12800	5930	1.03	533	15.1
	RAM	1.02	1.02	.00	-.00	1.30	1.61	-.64	.01	.00
	BLEED	-2.90	-1.22	-.61	1.66	-2.03	-4.46	3.47	.07	.00
	POWER	-5.98	1.58	-.37	5.64	-1.87	-3.95	5.61	-.06	.00
1.50	3.57	5.75	7511	1253	1372	18200	6780	1.11	508	6.6
	RAM	1.05	1.04	.00	-.01	1.27	1.66	-.68	.01	.00
	BLEED	-3.40	-.97	-.49	2.24	-1.94	-5.35	4.75	.08	.00
	POWER	-5.30	1.42	-.22	5.09	-1.31	-3.50	5.00	-.02	.00
2.00	7.25	9.64	10830	1345	1327	32500	8710	1.24	435	6.6
	RAM	1.09	1.09	.00	-.01	1.26	1.73	-.70	.00	.00
	BLEED	-2.75	-1.23	-.69	1.77	-1.42	-6.36	5.68	.39	.00
	POWER	-2.78	.88	-.33	2.95	-.23	-1.91	2.83	.39	.00
2.30	11.2	13.70	13293	1435	1212	44200	10000	1.33	376	3.0
	RAM	1.13	1.13	.01	-.01	1.27	1.77	-.70	-.00	.00
	BLEED	-2.80	-1.15	-.95	2.62	-.54	-7.08	6.63	1.37	.00
	POWER	-2.21	.89	-.52	3.09	.68	-1.29	2.20	1.25	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 45000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.90	NR =	1.00	1.69	3260	2360	1.16	961	26.6	115	1428
	P2 =	3.62	RAM	1.03	2.34	-1.59	-.01	1.00	1.03	-.06
	T2 =	500	BLEED	.10	-1.28	3.64	-.41	-1.13	.10	2.32
	ERI =	0	POWER	-1.33	19.94	6.91	1.72	6.45	-1.33	15.18
1.20	NR =	.991	2.41	5350	2250	1.28	1002	30.9	141	1384
	P2 =	5.15	RAM	1.02	2.67	-1.89	-.00	1.02	1.02	.01
	T2 =	554	BLEED	.07	-2.14	4.71	-.41	-1.30	.07	2.28
	ERI =	0	POWER	-.84	23.17	2.94	1.60	6.13	-.84	13.44
1.50	NR =	.971	3.57	11400	6000	1.25	1235	64.7	240	1765
	P2 =	7.63	RAM	1.04	2.11	-1.20	-.00	1.04	1.04	-.00
	T2 =	624	BLEED	.08	-5.98	5.49	-.55	-1.86	.08	.01
	ERI =	0	POWER	-.02	-3.36	4.86	.08	.31	-.02	.01
2.00	NR =	.925	7.25	23800	8250	1.31	1401	100.7	376	1843
	P2 =	15.50	RAM	1.08	1.89	-.88	-.00	1.09	1.08	-.00
	T2 =	774	BLEED	.39	-6.81	6.22	-.54	-2.05	.39	-.01
	ERI =	0	POWER	.39	-2.12	3.06	.04	.19	.39	-.01
2.30	NR =	.893	11.2	34700	8850	1.44	1502	125.8	477	1897
	P2 =	23.94	RAM	1.12	1.52	-.43	-.00	1.13	1.12	-.01
	T2 =	883	BLEED	.38	-4.03	6.05	-.42	-1.55	.38	1.41
	ERI =	0	POWER	-.29	4.53	.83	.23	1.09	-.29	2.22

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 45000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	2.69	2733	989	1249	6060	2800	.98	457	15.1
	RAM	.96	.94	-.04	.00	1.43	1.89	-1.05	.03	11.26
	BLEED	-.28	2.28	1.16	.00	-.42	-1.04	3.37	.10	.00
	POWER	4.59	27.07	11.51	.00	6.66	15.99	10.80	-1.33	.00
1.20	2.41	3.25	2883	973	1249	7960	2610	1.11	416	15.1
	RAM	1.03	1.02	.01	.00	1.38	2.14	-1.24	.01	.00
	BLEED	-.39	2.41	1.03	.00	-.53	-1.78	4.31	.07	.00
	POWER	4.22	26.23	9.63	.00	5.72	19.18	6.81	-.84	.00
1.50	3.57	5.75	7511	1253	1372	18200	6780	1.11	508	6.6
	RAM	1.05	1.04	.00	-.01	1.27	1.66	-.68	.01	.00
	BLEED	-3.40	-.97	-.49	2.24	-1.94	-5.35	4.75	.08	.00
	POWER	-5.30	1.42	-.22	5.09	-1.31	-3.50	5.00	-.02	.00
2.00	7.25	9.64	10830	1345	1327	32500	8710	1.24	435	6.6
	RAM	1.09	1.09	.00	-.01	1.26	1.73	-.70	.00	.00
	BLEED	-2.75	-1.23	-.69	1.77	-1.42	-6.36	5.68	.39	.00
	POWER	-2.78	.88	-.33	2.95	-.23	-1.91	2.83	.39	.00
2.30	11.2	13.33	12748	1406	1249	44200	9500	1.34	382	3.0
	RAM	1.12	1.12	-.00	.00	1.27	1.80	-.75	.00	-24.00
	BLEED	-1.03	1.65	.39	.61	-.54	-3.89	5.89	.38	.00
	POWER	.61	5.40	1.62	-.01	.68	4.24	1.12	-.29	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 45000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.90	NR =	1.00	1.69	2610	-230	-3.460	830	15.1	92	878
	P2 =	3.62	RAM	.99	-4.66	4.00	-.04	.85	.99	-.34
	T2 =	500	BLEED	.02	9.70	-4.85	-.42	-1.46	.02	2.25
	ERI =	0	POWER	-.08	-114.57	197.77	2.20	11.30	-.08	22.70
1.20	NR =	.991	2.41	4400	-780	-.995	885	18.6	116	849
	P2 =	5.15	RAM	.90	-1.06	1.00	-.07	.73	.90	-.32
	T2 =	554	BLEED	-1.07	9.72	-8.49	-.89	-3.48	-1.07	.67
	ERI =	100	POWER	-13.05	29.41	-28.54	-4.15	-14.80	-13.05	1.75
1.50	NR =	.971	3.57	11400	4720	1.37	1225	62.6	241	1604
	P2 =	7.63	RAM	1.04	2.38	-1.54	-.00	1.04	1.04	-.01
	T2 =	624	BLEED	.04	-1.91	4.59	-.33	-1.14	.04	2.10
	ERI =	0	POWER	-.07	8.49	1.20	.50	2.08	-.07	4.84
2.00	NR =	.925	7.25	24100	5380	1.51	1384	95.0	380	1585
	P2 =	15.50	RAM	1.09	2.24	-1.32	-.00	1.09	1.09	-.01
	T2 =	774	BLEED	.02	-2.75	6.54	-.28	-1.19	.02	2.18
	ERI =	0	POWER	-.02	7.29	.42	.31	1.47	-.02	3.16
2.30	NR =	.893	11.2	35700	3940	2.04	1480	115.6	490	1536
	P2 =	23.94	RAM	1.12	2.79	-1.95	-.00	1.13	1.12	-.01
	T2 =	883	BLEED	.01	-5.68	11.02	-.30	-1.30	.01	2.11
	ERI =	0	POWER	-.01	9.31	-1.89	.18	1.16	-.01	2.43

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 45000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	1.49	791	673	1587	2630	30	31.27	365	6.6
	RAM	.55	.27	-.19	.00	1.53	57.44	30.54	-.01	.00
	BLEED	-.33	4.14	.89	.00	-.92	-96.85	-223.08	.02	.00
	POWER	3.85	64.39	12.34	.00	10.931	144.93	-553.96	-.08	.00
1.20	2.41	1.79	780	689	1587	4000	-400	-1.960	342	6.6
	RAM	.68	.00	-.18	.00	1.32	-3.36	2.88	-.12	.00
	BLEED	-1.73	.00	-.07	.00	-3.41	22.48	-16.81	-1.07	.00
	POWER	-11.54	.00	-1.09	.00	-22.25	79.58	-73.4	-13.05	.00
1.50	3.57	4.76	6461	1169	1587	16800	5350	1.21	508	6.6
	RAM	1.04	1.02	-.00	.00	1.30	1.86	-.92	.01	.00
	BLEED	-.37	3.55	1.09	.00	-.48	-1.59	4.24	.04	.00
	POWER	1.73	9.74	3.40	.00	2.20	7.04	2.61	-.07	.00
2.00	7.25	7.62	8109	1202	1587	29700	5660	1.43	441	6.6
	RAM	1.08	1.08	-.00	.00	1.28	2.10	-1.15	.01	.00
	BLEED	-.38	3.51	1.07	.00	-.48	-2.60	6.37	.02	.00
	POWER	1.11	7.73	2.06	.00	1.30	6.88	.80	-.02	.00
2.30	11.2	9.83	8026	1209	1587	40000	4390	1.83	393	3.0
	RAM	1.12	1.12	-.00	.00	1.30	2.69	-1.82	.01	-24.00
	BLEED	-.46	4.40	.96	.00	-.55	-5.07	10.25	.01	.00
	POWER	.78	7.25	1.45	.00	.90	8.30	-.97	-.01	.00

12. 55000 FEET

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR = .971	3.56	7310	13900	2.22	1164	44.1	162	1765
	P2 = 4.71	RAM	1.05	1.41	-.56	-.00	1.05	1.05	-.00
	T2 = 566	BLEED	.10	-5.38	-1.58	-.54	-1.87	.10	-.00
	ERI = 1	POWER	.01	-12.17	-10.11	.10	.40	.01	-.02
1.80	NR = .945	5.43	11900	16900	2.02	1258	58.8	219	1765
	P2 = 7.18	RAM	1.07	1.36	-.36	-.00	1.07	1.07	.00
	T2 = 643	BLEED	.07	-7.20	-.63	-.55	-1.86	.07	.01
	ERI = 1	POWER	-.01	-12.07	-4.13	.09	.38	-.01	.02
2.00	NR = .925	7.24	16000	20200	2.00	1327	70.9	266	1779
	P2 = 9.57	RAM	1.09	1.37	-.34	-.00	1.09	1.09	.00
	T2 = 702	BLEED	.06	-6.83	-.20	-.52	-1.94	.06	-.00
	ERI = 1	POWER	.00	-9.37	-2.78	.07	.29	.00	-.01
2.30	NR = .893	11.2	23500	27500	2.11	1429	91.0	340	1867
	P2 =14.78	RAM	1.12	1.32	-.26	-.00	1.13	1.12	.00
	T2 = 802	BLEED	.40	-2.36	2.18	-.55	-2.08	.40	-.00
	ERI = 1	POWER	.46	-.66	1.60	.05	.22	.46	.01
2.50	NR = .870	14.9	29700	31300	2.07	1500	106.1	395	1933
	P2 =19.69	RAM	1.15	1.32	-.22	-.00	1.16	1.15	-.00
	T2 = 876	BLEED	1.05	-2.00	2.50	-.54	-2.11	1.05	.00
	ERI = 1	POWER	1.14	-.13	1.63	.04	.21	1.14	.00
2.70	NR = .846	19.8	35800	34400	2.04	1560	118.2	441	1975
	P2 =26.13	RAM	1.18	1.36	-.17	-.00	1.19	1.18	.00
	T2 = 955	BLEED	1.77	-1.82	3.03	-.51	-2.15	1.77	.00
	ERI = 1	POWER	1.48	.03	1.82	.03	.14	1.48	-.01
3.00	NR = .809	29.9	48500	39000	2.08	1639	132.5	537	2042
	P2 =39.50	RAM	1.24	1.38	-.14	-.00	1.23	1.24	-.00
	T2 = 1083	BLEED	.41	-2.64	1.95	-.55	-2.32	.41	-.00
	ERI = 1	POWER	.26	-.13	.60	.02	.09	.26	-.01

GEI 94219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.56	6.04	30794	3260	2402	21400	14100	2.19	527	3.0
	RAM 1.05	.89	.03	.00	1.29	1.41	-.56	.02	.00	
	BLEED -2.88	-6.83	-3.08	-.02	-3.50	-5.36	-1.60	.10	.00	
	POWER -6.56	-21.89	-9.98	-.14	-7.99	-12.16	-10.12	.01	.00	
1.80	5.43	7.84	34068	3059	2400	29300	17400	1.96	500	3.0
	RAM 1.07	1.02	.04	.02	1.29	1.44	-.45	.01	.00	
	BLEED -3.67	-7.76	-4.67	.01	-4.36	-7.39	-.42	.07	.00	
	POWER -6.18	-15.98	-10.38	-.01	-7.38	-12.42	-3.77	-.01	.00	
2.00	7.24	9.55	40418	3096	2400	36900	20900	1.93	475	.0
	RAM 1.10	1.05	.02	.00	1.28	1.43	-.40	.01	.00	
	BLEED -3.31	-7.01	-4.06	-.02	-3.89	-6.91	-.11	.06	.00	
	POWER -4.54	-12.02	-7.70	-.06	-5.38	-9.50	-2.65	.00	.00	
2.30	11.2	13.63	58024	3400	2280	52800	29200	1.99	420	.0
	RAM 1.13	1.08	.00	-.01	1.28	1.40	-.35	.00	.00	
	BLEED -2.95	-.25	-.07	2.33	-1.05	-2.22	2.03	.40	.00	
	POWER -3.41	.94	.00	3.84	-.00	-.37	1.32	.46	.00	
2.50	14.9	17.39	64801	3400	2081	63200	33400	1.94	383	.0
	RAM 1.16	1.12	.00	-.02	1.29	1.41	-.32	-.00	.00	
	BLEED -3.04	.42	.00	3.09	-.34	-1.57	2.04	1.05	.00	
	POWER -2.97	1.50	.00	4.03	.78	.46	1.03	1.14	.00	
2.70	19.8	21.77	69981	3400	1860	72200	36400	1.92	336	.0
	RAM 1.19	1.17	-.00	-.02	1.31	1.45	-.26	-.00	.00	
	BLEED -2.97	1.12	.00	3.75	.41	-.92	2.07	1.77	.00	
	POWER -2.39	1.84	.00	3.82	1.23	.98	.86	1.48	.00	
3.00	29.9	29.38	81159	3400	1683	90600	42100	1.93	289	.0
	RAM 1.24	1.23	-.00	-.00	1.36	1.50	-.25	-.00	.00	
	BLEED -2.69	-.77	-.22	1.95	-1.00	-2.61	1.92	.41	.00	
	POWER -1.82	.47	.00	2.04	.09	-.11	.57	.26	.00	

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
1.50	NR =	.971	3.56	7310	12300	1.96	1164	44.1	162	1765
	P2 =	4.71	RAM	1.05	1.44	-.55	-.00	1.05	1.05	-.00
	T2 =	566	BLEED	.10	-3.31	1.91	-.54	-1.87	.10	-.00
	ERI =	0	POWER	.01	-2.92	3.60	.10	.40	.01	-.02
1.80	NR =	.945	5.43	11900	15900	1.93	1258	58.8	219	1765
	P2 =	7.18	RAM	1.07	1.35	-.40	-.00	1.07	1.07	.00
	T2 =	643	BLEED	.07	-3.69	2.35	-.55	-1.86	.07	.01
	ERI =	0	POWER	-.01	-2.51	3.20	.09	.38	-.01	.02
2.00	NR =	.925	7.24	16000	18900	1.92	1327	70.9	266	1779
	P2 =	9.57	RAM	1.09	1.35	-.37	-.00	1.09	1.09	.00
	T2 =	702	BLEED	.06	-3.65	2.18	-.52	-1.94	.06	-.00
	ERI =	0	POWER	.00	-1.91	2.43	.07	.29	.00	-.01
2.30	NR =	.893	11.2	23500	23900	1.90	1429	91.0	340	1867
	P2 =	14.78	RAM	1.12	1.33	-.29	-.00	1.13	1.12	.00
	T2 =	802	BLEED	.40	-3.50	1.82	-.55	-2.08	.40	-.00
	ERI =	0	POWER	.46	-1.15	1.54	.05	.22	.46	.01
2.50	NR =	.870	14.9	29700	27600	1.90	1500	106.1	395	1933
	P2 =	19.69	RAM	1.15	1.33	-.25	-.00	1.16	1.15	-.00
	T2 =	876	BLEED	1.05	-3.63	1.93	-.54	-2.11	1.05	.00
	ERI =	0	POWER	1.14	-1.00	1.39	.04	.21	1.14	.00
2.70	NR =	.846	19.8	35800	30200	1.90	1560	118.2	441	1975
	P2 =	26.13	RAM	1.18	1.34	-.20	-.00	1.19	1.18	.00
	T2 =	955	BLEED	1.77	-3.27	1.50	-.51	-2.15	1.77	.00
	ERI =	0	POWER	1.48	-.22	.53	.03	.14	1.48	-.01
3.00	NR =	.809	29.9	48500	32500	1.94	1639	132.5	537	2042
	P2 =	39.50	RAM	1.24	1.35	-.17	-.00	1.23	1.24	-.00
	T2 =	1083	BLEED	.41	-3.95	2.06	-.55	-2.32	.41	-.00
	ERI =	0	POWER	.26	-.39	.65	.02	.09	.26	-.01

GEI 94219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.56	6.13	24174	2880	2198	19900	12500	1.93	527	3.0
	RAM	1.05	.92	-.01	-.01	1.27	1.40	-.51	.02	.00
	BLEED	-3.12	-1.50	-.82	1.78	-2.06	-3.31	1.91	.10	.00
	POWER	-7.57	.65	-.57	7.16	-1.97	-3.12	3.81	.01	.00
1.80	5.43	7.90	30786	2878	2302	28300	16400	1.88	500	3.0
	RAM	1.08	.97	.00	-.01	1.27	1.41	-.48	.01	.00
	BLEED	-4.15	-1.47	-.77	2.86	-2.15	-3.76	2.43	.07	.00
	POWER	-7.41	.65	-.33	7.19	-1.59	-2.73	3.42	-.01	.00
2.00	7.24	9.63	36189	2898	2294	35600	19500	1.85	475	.0
	RAM	1.10	1.00	-.01	-.02	1.26	1.40	-.43	.01	.00
	BLEED	-3.71	-1.59	-.72	2.42	-1.97	-3.64	2.17	.06	.00
	POWER	-5.45	.49	-.16	5.33	-1.00	-1.81	2.33	.00	.00
2.30	11.2	13.83	45394	2969	2076	48600	25100	1.81	420	.0
	RAM	1.14	1.06	-.02	-.03	1.26	1.40	-.36	.00	.00
	BLEED	-2.80	-1.77	-.92	1.66	-1.53	-3.33	1.64	.40	.00
	POWER	-3.26	.38	-.32	3.47	-.17	-.76	1.14	.46	.00
2.50	14.9	17.57	52286	3020	1921	58800	29000	1.80	383	.0
	RAM	1.16	1.09	-.02	-.03	1.28	1.41	-.34	-.00	.00
	BLEED	-2.87	-1.80	-1.26	2.19	-1.07	-3.24	1.52	1.05	.00
	POWER	-2.83	.37	-.65	3.55	.41	-.34	.71	1.14	.00
2.70	19.8	21.93	57370	3054	1733	67600	31800	1.80	336	.0
	RAM	1.20	1.13	-.02	-.03	1.30	1.43	-.28	-.00	.00
	BLEED	-2.81	-1.84	-1.62	2.59	-.55	-3.17	1.40	1.77	.00
	POWER	-2.28	.30	-.84	3.19	.73	-.13	.43	1.48	.00
3.00	29.9	29.59	63014	2979	1548	83500	35000	1.80	289	.0
	RAM	1.24	1.18	-.03	-.02	1.34	1.48	-.28	-.00	.00
	BLEED	-2.62	-2.01	-.90	1.50	-1.38	-3.86	1.96	.41	.00
	POWER	-1.79	.26	-.13	1.91	.01	-.32	.58	.26	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR = .971	3.56	7310	9970	1.67	1164	44.1	162	1765
	P2 = 4.71	RAM	1.05	1.43	-.51	-.00	1.05	1.05	-.00
	T2 = 566	BLEED	.10	-3.49	2.11	-.54	-1.87	.10	-.00
	ERI = 0	POWER	.01	-3.07	3.90	.10	.40	.01	-.02
1.80	NR = .945	5.43	11900	12700	1.67	1258	58.8	219	1765
	P2 = 7.18	RAM	1.07	1.47	-.51	-.00	1.07	1.07	.00
	T2 = 643	BLEED	.07	-4.25	3.03	-.55	-1.86	.07	.01
	ERI = 0	POWER	-.01	-3.45	4.31	.09	.38	-.01	.02
2.00	NR = .925	7.24	16000	15100	1.65	1327	70.9	266	1779
	P2 = 9.57	RAM	1.09	1.46	-.47	-.00	1.09	1.09	.00
	T2 = 702	BLEED	.06	-4.01	2.62	-.52	-1.94	.06	-.00
	ERI = 0	POWER	.00	-1.87	2.49	.07	.29	.00	-.01
2.30	NR = .893	11.2	23500	19000	1.65	1429	91.0	340	1867
	P2 =14.78	RAM	1.12	1.42	-.37	-.00	1.13	1.12	.00
	T2 = 802	BLEED	.40	-3.79	2.18	-.55	-2.08	.40	-.00
	ERI = 0	POWER	.46	-.86	1.32	.05	.22	.46	.01
2.50	NR = .870	14.9	29700	21900	1.66	1500	106.1	395	1933
	P2 =19.69	RAM	1.15	1.44	-.35	-.00	1.16	1.15	-.00
	T2 = 876	BLEED	1.05	-4.01	2.42	-.54	-2.11	1.05	.00
	ERI = 0	POWER	1.14	-.83	1.29	.04	.21	1.14	.00
2.70	NR = .846	19.8	35800	23500	1.69	1560	118.2	441	1975
	P2 =26.13	RAM	1.18	1.41	-.25	-.00	1.19	1.18	.00
	T2 = 955	BLEED	1.77	-3.88	2.24	-.51	-2.15	1.77	.00
	ERI = 0	POWER	1.48	-.35	.74	.03	.14	1.48	-.01
3.00	NR = .809	29.9	48500	24900	1.74	1639	132.5	537	2042
	P2 =39.50	RAM	1.24	1.46	-.25	-.00	1.23	1.24	-.00
	T2 = 1083	BLEED	.41	-4.71	2.98	-.55	-2.32	.41	-.00
	ERI = 0	POWER	.26	-.49	.82	.02	.09	.26	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.56	6.26	16637	2292	1894	17400	10100	1.64	527	6.6
	RAM 1.05	.96	.00	-.01	1.27	1.43	-.51	.02	.00	
	BLEED -3.05	-1.49	-.80	1.73	-2.00	-3.52	2.14	.10	.00	
	POWER -7.26	.79	-.53	6.91	-1.83	-3.17	4.00	.01	.00	
1.80	5.43	8.0	21224	2300	1985	24900	13000	1.63	500	.0
	RAM 1.08	1.00	.01	-.00	1.27	1.45	-.49	.01	.00	
	BLEED -4.01	-1.42	-.74	2.73	-2.08	-4.04	2.80	.07	.00	
	POWER -7.05	.80	-.29	6.84	-1.46	-2.79	3.63	-.01	.00	
2.00	7.24	9.84	24951	2324	1983	31300	15300	1.63	475	.0
	RAM 1.10	1.03	-.00	-.01	1.26	1.44	-.45	.01	.00	
	BLEED -3.60	-1.54	-.72	2.30	-1.93	-4.00	2.62	.06	.00	
	POWER -5.19	.60	-.18	5.05	-.93	-1.91	2.53	.00	.00	
2.30	11.2	14.07	31386	2400	1811	43000	19400	1.62	420	.0
	RAM 1.13	1.08	-.01	-.02	1.27	1.44	-.39	.00	.00	
	BLEED -2.74	-1.73	-.93	1.62	-1.50	-3.79	2.19	.40	.00	
	POWER -3.14	.46	-.34	3.35	-.14	-.87	1.34	.46	.00	
2.50	14.9	17.82	36188	2458	1686	52000	22300	1.62	383	.0
	RAM 1.16	1.11	-.01	-.02	1.28	1.46	-.37	-.00	.00	
	BLEED -2.81	-1.74	-1.25	2.14	-1.03	-3.79	2.17	1.05	.00	
	POWER -2.73	.46	-.65	3.44	.44	-.49	.95	1.14	.00	
2.70	19.8	22.18	39602	2498	1530	60000	24200	1.64	336	.0
	RAM 1.19	1.15	-.01	-.02	1.30	1.48	-.31	-.00	.00	
	BLEED -2.75	-1.77	-1.59	2.57	-.49	-3.84	2.19	1.77	.00	
	POWER -2.21	.38	-.82	3.13	.77	-.30	.68	1.48	.00	
3.00	29.9	29.85	43268	2461	1378	74500	26000	1.67	289	.0
	RAM 1.24	1.19	-.02	-.01	1.34	1.54	-.32	-.00	.00	
	BLEED -2.60	-1.94	-.87	1.51	-1.34	-4.60	2.86	.41	.00	
	POWER -1.75	.33	-.14	1.89	.02	-.42	.75	.26	.00	

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR = .971	3.56	7310	7650	1.42	1164	44.1	162	1765
	P2 = 4.71	RAM	1.05	1.24	-.76	-.00	1.05	1.05	-.00
	T2 = 566	BLEED	.10	-3.35	2.91	-.54	-1.87	.10	-.00
	ERI = 0	POWER	.01	-3.35	4.25	.10	.40	.01	-.02
1.80	NR = .945	5.43	11900	8760	1.39	1258	58.8	219	1765
	P2 = 7.18	RAM	1.07	1.20	-.65	-.00	1.07	1.07	.00
	T2 = 643	BLEED	.07	-4.20	3.97	-.55	-1.86	.07	.01
	ERI = 0	POWER	-.01	-3.21	4.25	.09	.38	-.01	.02
2.00	NR = .925	7.24	16000	9700	1.41	1327	70.9	266	1779
	P2 = 9.57	RAM	1.09	1.60	-.56	-.00	1.09	1.09	.00
	T2 = 702	BLEED	.06	-4.93	3.79	-.52	-1.94	.06	-.00
	ERI = 0	POWER	.00	-1.91	2.83	.07	.29	.00	-.01
2.30	NR = .893	11.2	23500	11900	1.45	1429	91.0	340	1867
	P2 =14.78	RAM	1.12	1.65	-.57	-.00	1.13	1.12	.00
	T2 = 802	BLEED	.40	-5.08	3.75	-.55	-2.08	.40	-.00
	ERI = 0	POWER	.46	-1.20	1.88	.05	.22	.46	.01
2.50	NR = .870	14.9	29700	13600	1.48	1500	106.1	395	1933
	P2 =19.69	RAM	1.15	1.61	-.49	-.00	1.16	1.15	-.00
	T2 = 876	BLEED	1.05	-5.23	3.94	-.54	-2.11	1.05	.00
	ERI = 0	POWER	1.14	-.89	1.57	.04	.21	1.14	.00
2.70	NR = .846	19.8	35800	14300	1.53	1560	118.2	441	1975
	P2 =26.13	RAM	1.18	1.63	-.40	-.00	1.19	1.18	.00
	T2 = 955	BLEED	1.77	-5.57	4.33	-.51	-2.15	1.77	.00
	ERI = 0	POWER	1.48	-.72	1.33	.03	.14	1.48	-.01
3.00	NR = .809	29.9	48500	14300	1.64	1639	132.5	537	2042
	P2 =39.50	RAM	1.24	1.62	-.35	-.00	1.23	1.24	-.00
	T2 = 1083	BLEED	.41	-6.84	5.64	-.55	-2.32	.41	-.00
	ERI = 0	POWER	.26	-.69	1.24	.02	.09	.26	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.56	6.37	10887	1775	1622	15200	7860	1.39	527	6.6
	RAM 1.07	.52	-.29	-.18	1.12	1.18	-.70	.02	.00	
	BLEED -3.02	-.59	-.24	2.00	-1.67	-3.31	2.87	.10	.00	
	POWER -7.02	.86	-.61	6.57	-1.79	-3.46	4.37	.01	.00	
1.80	5.43	8.27	12215	1666	1633	20800	8950	1.36	500	6.6
	RAM 1.09	.59	-.25	-.15	1.13	1.21	-.66	.01	.00	
	BLEED -3.92	-.48	-.20	2.94	-1.73	-4.13	3.90	.07	.00	
	POWER -6.74	.98	-.32	6.48	-1.38	-3.19	4.23	-.01	.00	
2.00	7.24	10.08	13713	1655	1615	26000	9970	1.38	475	3.0
	RAM 1.10	1.09	.02	.01	1.27	1.56	-.51	.01	.00	
	BLEED -3.49	-1.42	-.67	2.21	-1.85	-4.92	3.79	.06	.00	
	POWER -4.95	.88	-.19	4.77	-.87	-2.28	3.20	.00	.00	
2.30	11.2	14.34	17378	1741	1497	35900	12300	1.41	420	.0
	RAM 1.13	1.13	.02	-.00	1.27	1.56	-.47	.00	.00	
	BLEED -2.68	-1.62	-.87	1.59	-1.43	-4.93	3.57	.40	.00	
	POWER -3.01	.67	-.35	3.21	-.11	-1.21	1.90	.46	.00	
2.50	14.9	18.11	20090	1804	1406	43700	13900	1.44	383	.0
	RAM 1.16	1.16	.02	-.01	1.29	1.58	-.46	-.00	.00	
	BLEED -2.75	-1.60	-1.13	2.16	-.92	-5.11	3.80	1.05	.00	
	POWER -2.62	.67	-.60	3.36	.51	-.85	1.52	1.14	.00	
2.70	19.8	22.47	21835	1852	1286	50500	14700	1.48	336	.0
	RAM 1.19	1.19	.01	-.01	1.31	1.62	-.40	-.00	.00	
	BLEED -2.69	-1.61	-1.39	2.66	-.33	-5.44	4.17	1.77	.00	
	POWER -2.13	.59	-.72	3.15	.86	-.67	1.28	1.48	.00	
3.00	29.9	30.15	23522	1864	1176	63500	15000	1.57	289	.0
	RAM 1.24	1.24	-.00	-.00	1.35	1.72	-.44	-.00	.00	
	BLEED -2.57	-1.77	-.78	1.53	-1.26	-6.68	5.46	.41	.00	
	POWER -1.71	.54	-.14	1.84	.03	-.69	1.25	.26	.00	

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
.90	NR = 1.00	1.69	2420	3090	.97	996	24.0	89	1659
	P2 = 2.24	RAM	1.02	1.76	-.80	-.01	1.03	1.02	-.00
	T2 = 453	BLEED	.30	-3.84	2.73	-.67	-1.97	.30	-.01
	ERI = 101	POWER	2.04	-5.34	9.16	.28	.94	2.04	-.05
1.20	NR = .991	2.41	4360	3680	1.16	1085	33.2	121	1765
	P2 = 3.18	RAM	1.03	1.70	-.84	-.00	1.03	1.03	.00
	T2 = 503	BLEED	.06	-4.09	3.06	-.62	-1.97	.06	-.00
	ERI = 0	POWER	.30	-4.10	7.34	.18	.60	.30	-.01
1.50	NR = .971	3.56	7310	4730	1.14	1164	44.1	162	1765
	P2 = 4.71	RAM	1.05	1.83	-.86	-.00	1.05	1.05	-.00
	T2 = 566	BLEED	.10	-4.89	4.00	-.54	-1.87	.10	-.00
	ERI = 0	POWER	.01	-3.61	5.40	.10	.40	.01	-.02
1.80	NR = .945	5.43	11900	5730	1.17	1258	58.8	219	1765
	P2 = 7.18	RAM	1.07	1.71	-.70	-.00	1.07	1.07	.00
	T2 = 643	BLEED	.07	-5.51	5.05	-.55	-1.86	.07	.01
	ERI = 0	POWER	-.01	-2.92	4.76	.09	.38	-.01	.02
2.00	NR = .925	7.24	16000	6340	1.22	1327	70.9	266	1779
	P2 = 9.57	RAM	1.09	1.70	-.67	-.00	1.09	1.09	.00
	T2 = 702	BLEED	.06	-6.23	5.76	-.52	-1.94	.06	-.00
	ERI = 0	POWER	.00	-2.78	4.19	.07	.29	.00	-.01
2.30	NR = .893	11.2	23500	7480	1.30	1429	91.0	340	1867
	P2 =14.78	RAM	1.12	1.74	-.67	-.00	1.13	1.12	.00
	T2 = 802	BLEED	.40	-6.78	6.16	-.55	-2.08	.40	-.00
	ERI = 0	POWER	.46	-1.97	3.04	.05	.22	.46	.01
2.50	NR = .870	14.9	29700	8140	1.37	1500	106.1	395	1933
	P2 =19.69	RAM	1.15	1.90	-.82	-.00	1.16	1.15	-.00
	T2 = 876	BLEED	1.05	-7.13	6.65	-.54	-2.11	1.05	.00
	ERI = 0	POWER	1.14	-1.13	2.18	.04	.21	1.14	.00
2.70	NR = .846	19.8	35800	8230	1.44	1560	118.2	441	1975
	P2 =26.13	RAM	1.18	1.96	-.70	-.00	1.19	1.18	.00
	T2 = 955	BLEED	1.77	-8.00	7.77	-.51	-2.15	1.77	.00
	ERI = 0	POWER	1.48	-1.01	2.00	.03	.14	1.48	-.01
3.00	NR = .809	29.9	48500	7600	1.63	1639	132.5	537	2042
	P2 =39.50	RAM	1.24	1.94	-.64	-.00	1.23	1.24	-.00
	T2 = 1083	BLEED	.41	-10.88	11.47	-.55	-2.32	.41	-.00
	ERI = 0	POWER	.26	-1.25	2.23	.02	.09	.26	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	3.69	2993	1138	1226	5710	3300	.91	548	15.1
	RAM 1.05	1.03	.01	-.02	1.36	1.60	-.62	.02	.00	
	BLEED -3.02	-1.27	-.78	1.91	-2.09	-3.84	2.72	.30	.00	
	POWER -14.33	3.74	-1.74	15.10	-3.49	-7.55	11.42	2.04	.00	
1.20	2.41	5.03	4272	1219	1260	8730	4370	.98	548	6.6
	RAM 1.03	1.03	.00	.00	1.28	1.53	-.54	.03	-25.76	
	BLEED -2.91	-1.29	-.66	1.64	-2.00	-4.06	2.95	.06	85.86	
	POWER -9.22	2.46	-.68	9.03	-2.33	-4.96	7.50	.30	55.19	
1.50	3.56	6.48	5387	1237	1319	12500	5180	1.04	527	6.6
	RAM 1.05	1.05	.00	-.00	1.26	1.56	-.56	.02	.00	
	BLEED -2.94	-1.19	-.60	1.73	-1.83	-4.54	3.60	.10	.00	
	POWER -6.80	1.73	-.48	6.45	-1.63	-3.94	5.74	.01	.00	
1.80	5.43	8.39	6715	1258	1389	17900	6020	1.12	500	6.6
	RAM 1.08	1.07	.00	-.00	1.26	1.62	-.60	.01	.00	
	BLEED -3.82	-.87	-.44	2.71	-1.83	-5.58	5.14	.07	.00	
	POWER -6.55	1.78	-.15	6.39	-1.23	-3.63	5.49	-.01	.00	
2.00	7.24	10.22	7744	1285	1396	22600	6630	1.17	475	6.6
	RAM 1.10	1.09	.00	-.01	1.26	1.66	-.62	.01	.00	
	BLEED -3.44	-1.01	-.50	2.26	-1.73	-6.06	5.56	.06	.00	
	POWER -4.82	1.34	-.21	4.64	-.85	-2.90	4.31	.00	.00	
2.30	11.2	14.49	9721	1367	1303	31400	7840	1.24	420	3.0
	RAM 1.13	1.13	.00	-.01	1.27	1.69	-.61	.00	.00	
	BLEED -2.65	-1.25	-.69	1.68	-1.31	-6.44	5.74	.40	.00	
	POWER -2.94	1.03	-.35	3.16	-.09	-1.76	2.83	.46	.00	
2.50	14.9	18.28	11159	1428	1231	38300	8620	1.30	383	.0
	RAM 1.16	1.16	.00	-.01	1.28	1.73	-.62	-.00	.00	
	BLEED -2.72	-1.18	-.86	2.28	-.75	-6.93	6.41	1.05	.00	
	POWER -2.56	1.03	-.51	3.36	.58	-1.36	2.42	1.14	.00	
2.70	19.8	22.64	11887	1477	1133	44500	8710	1.36	336	.0
	RAM 1.19	1.20	.01	-.01	1.30	1.82	-.57	-.00	.00	
	BLEED -2.66	-1.16	-1.02	2.82	-.10	-7.78	7.49	1.77	.00	
	POWER -2.09	.98	-.57	3.17	.96	-1.19	2.19	1.48	.00	
3.00	29.9	30.32	12368	1524	1050	56600	8120	1.52	289	.0
	RAM 1.24	1.24	.00	-.00	1.35	2.01	-.70	-.00	.00	
	BLEED -2.56	-1.28	-.54	1.67	-1.12	-10.21	10.54	.41	.00	
	POWER -1.69	.95	-.13	1.84	.04	-1.23	2.21	.26	.00	

GE1 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.90	NR =	1.00	1.69	2400	2920	.97	985	23.3	89	1603
	P2 =	2.24	RAM	1.03	1.85	-.92	-.01	1.03	1.03	-.01
	T2 =	453	BLEED	.03	-1.06	2.88	-.43	-1.20	.03	2.05
	ERI =	0	POWER	-.60	16.27	10.95	2.11	6.99	-.60	15.60
1.20	NR =	.991	2.41	4180	3730	1.01	1052	30.8	116	1681
	P2 =	3.18	RAM	1.03	1.67	-.69	-.00	1.03	1.03	-.00
	T2 =	503	BLEED	.08	-.80	3.12	-.34	-1.03	.08	2.27
	ERI =	0	POWER	-.88	12.17	8.03	1.39	4.88	-.88	11.44

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 7.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	3.54	2813	1102	1249	5520	3110	.90	545	15.1
	RAM	1.03	1.02	-.01	.00	1.36	1.62	-.66	.03	.00
	BLEED	-.39	1.78	1.07	.00	-.54	-.98	2.79	.03	.00
	POWER	6.12	27.50	12.69	.00	8.17	14.95	12.26	-.60	.00
1.20	2.41	4.75	3757	1163	1249	8050	3870	.97	526	15.1
	RAM	1.03	1.03	.00	.00	1.29	1.57	-.59	.02	.00
	BLEED	-.25	2.28	1.25	.00	-.32	-.76	3.08	.08	.00
	POWER	4.00	20.41	9.26	.00	5.11	11.59	8.62	-.88	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.10.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
.90	NR =	1.00	1.69	1960	1260	1.16	863	15.6	72	1255
	P2 =	2.24	RAM	1.04	1.89	-1.04	-.01	1.01	1.04	-.06
	T2 =	453	BLEED	.09	-1.37	3.55	-.44	-1.21	.09	2.28
	ERI =	0	POWER	-2.12	37.36	11.46	3.25	12.04	-2.12	27.89
1.20	NR =	.991	2.41	3220	1160	1.31	901	18.1	89	1212
	P2 =	3.18	RAM	1.03	2.90	-2.23	-.00	1.02	1.03	-.02
	T2 =	503	BLEED	.06	-2.61	5.17	-.42	-1.35	.06	2.27
	ERI =	0	POWER	-1.14	45.53	1.63	2.50	10.98	-1.14	23.93
1.50	NR =	.971	3.56	7310	4730	1.14	1164	44.1	162	1765
	P2 =	4.71	RAM	1.05	1.83	-.86	-.00	1.05	1.05	-.00
	T2 =	566	BLEED	.10	-4.89	4.00	-.54	-1.87	.10	.00
	ERI =	0	POWER	.01	-3.61	5.40	.10	.40	.01	-.02
1.80	NR =	.945	5.43	11900	5730	1.17	1258	58.8	219	1765
	P2 =	7.18	RAM	1.07	1.71	-.70	-.00	1.07	1.07	.00
	T2 =	643	BLEED	.07	-5.51	5.05	-.55	-1.86	.07	.01
	ERI =	0	POWER	-.01	-2.92	4.76	.09	.38	-.01	.02
2.00	NR =	.925	7.24	16000	6340	1.22	1327	70.9	266	1779
	P2 =	9.57	RAM	1.09	1.70	-.67	-.00	1.09	1.09	.00
	T2 =	702	BLEED	.06	-6.23	5.76	-.52	-1.94	.06	-.00
	ERI =	0	POWER	.00	-2.78	4.19	.07	.29	.00	-.01
2.30	NR =	.893	11.2	23500	7480	1.30	1429	91.0	340	1868
	P2 =	14.78	RAM	1.12	1.74	-.67	-.00	1.13	1.12	-.00
	T2 =	802	BLEED	.40	-6.79	6.16	-.55	-2.08	.40	-.00
	ERI =	0	POWER	.46	-1.98	3.04	.05	.22	.46	.01
2.50	NR =	.870	14.9	29900	7940	1.38	1498	105.7	397	1913
	P2 =	19.69	RAM	1.15	1.91	-.84	-.00	1.15	1.15	-.01
	T2 =	876	BLEED	.63	-5.62	6.31	-.49	-1.84	.63	.69
	ERI =	0	POWER	.38	1.98	1.59	.15	.73	.38	1.28
2.70	NR =	.846	19.8	37500	6570	1.53	1550	114.5	462	1830
	P2 =	26.13	RAM	1.19	2.06	-.80	-.00	1.19	1.19	-.01
	T2 =	955	BLEED	.06	-3.91	7.57	-.35	-1.40	.06	1.94
	ERI =	0	POWER	-.10	6.37	.27	.21	1.20	-.10	2.44
3.00	NR =	.809	29.9	49700	2660	2.70	1611	120.7	550	1659
	P2 =	39.50	RAM	1.24	3.57	-1.99	-.00	1.23	1.24	-.00
	T2 =	1083	BLEED	.02	-12.62	21.80	-.40	-1.51	.02	1.89
	ERI =	0	POWER	-.03	15.23	-5.69	.22	1.20	-.03	2.34

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.10.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	2.57	1461	868	1249	3500	1540	.95	444	6.6
	RAM	.97	.94	-.05	.00	1.46	2.00	-1.18	.04	.00
	BLEED	-.34	2.10	1.08	.00	-.51	-1.28	3.45	.09	.00
	POWER	8.41	49.21	20.67	.00	12.42	30.92	17.79	-2.11	25.96
1.20	2.41	3.10	1524	852	1249	4620	1400	1.09	405	15.1
	RAM	1.00	.99	-.01	.00	1.40	2.24	-1.42	.03	.00
	BLEED	-.42	2.36	.98	.00	-.59	-2.11	4.62	.06	.00
	POWER	7.59	47.23	16.62	.00	10.30	36.66	10.18	-1.14	.00
1.50	3.56	6.48	5387	1237	1319	12500	5180	1.04	527	6.6
	RAM	1.05	1.05	.00	-.00	1.26	1.56	-.56	.02	.00
	BLEED	-2.94	-1.18	-.60	1.73	-1.82	-4.53	3.60	.10	.00
	POWER	-6.80	1.73	-.48	6.45	-1.63	-3.94	5.74	.01	.00
1.80	5.43	8.39	6715	1258	1389	17900	6020	1.12	500	6.6
	RAM	1.08	1.07	.00	-.00	1.26	1.62	-.60	.01	.00
	BLEED	-3.82	-.87	-.44	2.71	-1.83	-5.58	5.14	.07	.00
	POWER	-6.55	1.78	-.15	6.39	-1.23	-3.63	5.49	-.01	.00
2.00	7.24	10.22	7744	1285	1396	22600	6630	1.17	475	6.6
	RAM	1.10	1.09	.00	-.01	1.26	1.66	-.62	.01	.00
	BLEED	-3.44	-1.01	-.50	2.26	-1.73	-6.06	5.56	.06	.00
	POWER	-4.82	1.34	-.21	4.64	-.85	-2.90	4.31	.00	.00
2.30	11.2	14.49	9721	1367	1303	31400	7840	1.24	420	3.0
	RAM	1.13	1.13	.00	-.01	1.27	1.69	-.61	.00	.00
	BLEED	-2.65	-1.25	-.69	1.68	-1.31	-6.44	5.74	.40	.00
	POWER	-2.94	1.02	-.35	3.16	-.09	-1.77	2.83	.46	.00
2.50	14.9	18.04	10935	1414	1249	38300	8410	1.30	385	.0
	RAM	1.15	1.14	-.00	.00	1.28	1.73	-.64	.00	.00
	BLEED	-1.88	.15	-.23	1.32	-.70	-5.43	6.08	.63	.00
	POWER	-.97	3.59	.69	1.58	.67	1.71	1.85	.38	.00
2.70	19.8	20.64	10068	1381	1249	44500	7000	1.44	352	.0
	RAM	1.18	1.18	-.00	-.00	1.31	1.99	-.73	.01	.00
	BLEED	-.49	3.22	.84	.00	-.53	-3.69	7.32	.06	.00
	POWER	.87	6.66	1.59	.00	.86	6.01	.61	-.10	.00
3.00	29.9	24.13	7174	1336	1249	52800	3130	2.29	296	.0
	RAM	1.24	1.23	-.00	-.00	1.36	3.29	-1.77	.00	.00
	BLEED	-.58	5.05	.76	.00	-.62	-10.76	18.86	.02	.00
	POWER	.57	8.79	1.28	.00	.75	13.00	-3.78	-.03	.00

GET 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
.90	NR =	1.00	1.69	1940	-310	-2.480	828	13.2	72	866
	P2 =	2.24	RAM	.88	-1.57	1.45	-.11	.63	.88	-.43
	T2 =	453	BLEED	-.88	12.00	-10.17	-.78	-3.11	-.88	1.13
	ERI =	100	POWER	-15.44	57.20	-54.69	-6.58	-20.49	-15.44	6.22
1.20	NR =	.991	2.41	3090	-240	-3.200	859	14.8	86	877
	P2 =	3.18	RAM	.86	-2.89	2.53	-.10	.63	.86	-.35
	T2 =	503	BLEED	-.86	23.25	-17.24	-.83	-3.25	-.86	.95
	ERI =	100	POWER	-14.23	92.49	-85.64	-5.21	-18.90	-14.23	4.59
1.50	NR =	.971	3.56	7320	3260	1.30	1149	41.8	162	1504
	P2 =	4.71	RAM	1.05	2.20	-1.32	-.01	1.04	1.05	-.01
	T2 =	566	BLEED	.03	-1.71	4.27	-.31	-1.13	.03	2.14
	ERI =	0	POWER	-.06	11.55	2.21	.60	3.02	-.06	7.04
1.80	NR =	.945	5.43	11900	4300	1.30	1247	56.5	220	1572
	P2 =	7.18	RAM	1.07	1.97	-1.02	-.00	1.07	1.07	-.01
	T2 =	643	BLEED	.04	-1.98	4.72	-.34	-1.17	.04	2.06
	ERI =	0	POWER	-.05	8.73	1.93	.47	2.27	-.05	5.15
2.00	NR =	.925	7.24	16000	4580	1.38	1315	67.9	266	1576
	P2 =	9.57	RAM	1.09	1.93	-.95	-.00	1.09	1.09	-.01
	T2 =	702	BLEED	.03	-2.45	5.44	-.36	-1.22	.03	2.00
	ERI =	0	POWER	-.04	8.25	1.50	.42	1.97	-.04	4.42
2.30	NR =	.893	11.2	23900	3870	1.67	1407	84.0	345	1520
	P2 =	14.78	RAM	1.12	2.24	-1.28	-.00	1.12	1.12	-.01
	T2 =	802	BLEED	.01	-3.47	7.87	-.26	-1.21	.01	2.21
	ERI =	0	POWER	-.01	9.20	-.27	.22	1.54	-.01	3.34
2.50	NR =	.870	14.9	30800	3070	2.06	1473	95.7	409	1489
	P2 =	19.69	RAM	1.15	3.12	-2.34	-.00	1.15	1.15	-.01
	T2 =	876	BLEED	.01	-6.21	11.88	-.30	-1.31	.01	2.09
	ERI =	0	POWER	-.01	12.22	-2.84	.22	1.41	-.01	2.99
2.70	NR =	.846	19.8	38000	1270	4.19	1524	103.6	468	1417
	P2 =	26.13	RAM	1.19	5.92	-3.67	-.00	1.19	1.19	-.01
	T2 =	955	BLEED	.02	-18.23	33.48	-.32	-1.37	.02	2.04
	ERI =	0	POWER	-.01	28.74	-14.61	.20	1.34	-.01	2.81

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 55000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
.90	1.69	1.33	780	672	2400	1740	-200	-3.950	439	6.6
	RAM	.35	.00	-.30	.00	1.31	-2.93	2.56	-.13	.00
	BLEED	-.84	.00	.09	.00	-3.28	20.19	-15.50	-.88	.00
	POWER	-7.06	-.00	-.86	.00	-28.63	100.77	-93.2	-15.44	.00
1.20	2.41	1.96	780	685	1690	3150	60	12.88	389	6.6
	RAM	.63	.00	-.24	.00	1.18	17.56	-143.92	-.16	.00
	BLEED	-1.62	.00	.00	.00	-2.92	-108.18	-173.73	-.86	.00
	POWER	-13.03	.00	-1.03	.00	-23.35	-489.26	848.4	-14.23	.00
1.50	3.56	4.70	4228	1097	1690	10900	3580	1.18	528	6.6
	RAM	1.04	1.02	-.01	.00	1.31	1.85	-.91	.02	.00
	BLEED	-.36	2.45	1.12	.00	-.47	-1.50	4.04	.03	.00
	POWER	2.55	13.84	4.98	.00	3.27	10.10	3.63	-.06	.00
1.80	5.43	6.55	5593	1159	1690	16400	4470	1.25	501	6.6
	RAM	1.07	1.05	-.00	.00	1.28	1.84	-.87	.01	.00
	BLEED	-.42	2.60	1.05	.00	-.49	-1.89	4.61	.04	.00
	POWER	1.60	10.73	3.55	.00	2.23	8.32	2.33	-.05	.00
2.00	7.24	8.00	6305	1180	1690	20800	4770	1.32	475	6.6
	RAM	1.09	1.07	-.00	.00	1.28	1.91	-.93	.01	.00
	BLEED	-.44	2.78	.98	.00	-.53	-2.38	5.35	.03	.00
	POWER	1.57	9.82	2.97	.00	1.84	8.16	1.58	-.04	.00
2.30	11.2	10.36	6456	1178	1690	28100	4160	1.55	427	3.0
	RAM	1.12	1.10	-.00	.00	1.29	2.24	-1.28	.01	.00
	BLEED	-.40	3.99	1.06	.00	-.48	-3.31	7.68	.01	.00
	POWER	1.11	8.91	2.09	.00	1.29	8.78	.12	-.01	.00
2.50	14.9	12.28	6339	1185	1690	34100	3360	1.89	396	.0
	RAM	1.15	1.14	-.00	.00	1.31	2.71	-1.82	.01	.00
	BLEED	-.48	4.57	.95	.00	-.54	-5.61	11.12	.01	.00
	POWER	.95	9.11	1.77	.00	1.08	11.05	-1.79	-.01	.00
2.70	19.8	14.02	5334	1180	1690	39600	1590	3.36	357	.0
	RAM	1.18	1.17	-.00	-.00	1.34	4.99	-3.06	.01	.00
	BLEED	-.51	6.09	.88	.00	-.57	-14.72	26.71	.02	.00
	POWER	.81	10.66	1.52	.00	.92	23.21	-10.53	-.01	.00

GEI 04210

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR = .971	3.57	7000	11100	2.24	1237	39.7	148	1765
	P2 = 4.72	RAM	1.05	1.47	-.68	-.00	1.05	1.05	.00
	T2 = 624	BLEED	.08	-7.36	-.43	-.54	-1.85	.08	.01
	ERI = 19	POWER	-.02	-18.12	-6.32	.13	.54	-.02	-.02
2.00	NR = .925	7.25	14700	18500	2.22	1402	62.0	232	1842
	P2 = 9.59	RAM	1.09	1.37	-.38	-.00	1.09	1.09	-.00
	T2 = 774	BLEED	.37	-4.37	.34	-.54	-2.06	.37	.00
	ERI = 1	POWER	.61	-5.11	-1.51	.07	.31	.61	.00
2.50	NR = .870	14.9	25900	25000	2.08	1564	87.1	327	1979
	P2 =19.74	RAM	1.15	1.37	-.27	-.00	1.16	1.15	.00
	T2 = 963	BLEED	1.72	-1.73	2.89	-.51	-2.16	1.72	.01
	ERI = 1	POWER	1.92	.18	2.19	.04	.19	1.92	.00
2.80	NR = .834	22.8	35700	28800	2.10	1647	98.6	403	2042
	P2 =30.14	RAM	1.20	1.41	-.20	-.00	1.21	1.20	.00
	T2 = 1095	BLEED	.41	-2.43	2.23	-.54	-2.33	.41	.01
	ERI = 1	POWER	.34	-.25	.92	.02	.12	.34	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.32	24879	3092	2402	18300	11300	2.21	504	3.0
	RAM	1.05	.84	.02	.00	1.31	1.47	-.68	.02	.00
	BLEED	-3.60	-7.75	-4.56	-.04	-4.50	-7.34	-.46	.08	.00
	POWER	-8.89	-24.10	-14.84	-.17	-11.15	-18.07	-6.37	-.02	.00
2.00	7.25	8.96	41017	3400	2367	33800	19100	2.15	434	.0
	RAM	1.10	1.01	.00	-.01	1.28	1.42	-.44	.01	.00
	BLEED	-2.84	-4.05	-1.92	.97	-2.34	-4.43	.40	.37	.00
	POWER	-4.79	-6.58	-3.76	2.85	-2.66	-5.17	-1.45	.61	.00
2.50	14.9	16.26	51983	3400	1850	51800	25900	2.01	332	.0
	RAM	1.16	1.12	.00	-.02	1.29	1.44	-.34	-.00	.00
	BLEED	-2.92	1.09	.00	3.65	.32	-1.07	2.20	1.72	.00
	POWER	-3.14	2.37	.00	4.99	1.53	1.14	1.23	1.92	.00
2.80	22.8	22.07	60648	3400	1682	66000	30300	2.00	286	.0
	RAM	1.21	1.20	-.00	-.01	1.34	1.50	-.28	.00	.00
	BLEED	-2.68	-.29	.00	2.10	-.89	-2.41	2.20	.41	.00
	POWER	-2.41	.67	.00	2.69	.09	-.21	.89	.34	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR = .971	3.57	7000	10300	2.11	1237	39.7	148	1765
	P2 = 4.72	RAM	1.05	1.52	-.65	-.00	1.05	1.05	.00
	T2 = 624	BLEED	.08	-3.87	2.62	-.54	-1.85	.08	.01
	ERI = 19	POWER	-.02	-4.21	5.13	.13	.54	-.02	-.02
2.00	NR = .925	7.25	14700	16000	2.00	1402	62.0	232	1842
	P2 = 9.59	RAM	1.09	1.39	-.42	-.00	1.09	1.09	-.00
	T2 = 774	BLEED	.37	-3.54	1.95	-.54	-2.06	.37	.00
	ERI = 0	POWER	.61	-1.78	2.32	.07	.31	.61	.00
2.50	NR = .870	14.9	25900	22100	1.95	1564	87.1	327	1979
	P2 =19.74	RAM	1.15	1.36	-.30	-.00	1.16	1.15	.00
	T2 = 963	BLEED	1.72	-3.29	1.55	-.51	-2.16	1.72	.01
	ERI = 0	POWER	1.92	-.31	.72	.04	.19	1.92	.00
2.80	NR = .834	22.8	35700	24200	1.97	1647	98.6	403	2042
	P2 =30.14	RAM	1.20	1.38	-.23	-.00	1.21	1.20	.00
	T2 = 1095	BLEED	.41	-4.02	2.18	-.54	-2.33	.41	.01
	ERI = 0	POWER	.34	-.60	.95	.02	.12	.34	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.37	21819	2871	2281	17500	10500	2.08	504	3.0
	RAM	1.05	.91	.04	.01	1.32	1.49	-.63	.02	.00
	BLEED	-4.03	-1.41	-.95	2.65	-2.44	-4.12	2.89	.08	.00
	POWER	-10.54	.86	-1.02	9.93	-3.14	-5.21	6.17	-.02	.00
2.00	7.25	9.10	31900	2968	2151	31100	16500	1.94	434	.0
	RAM	1.10	.99	-.02	-.03	1.26	1.42	-.46	.01	.00
	BLEED	-2.90	-1.69	-.93	1.74	-1.67	-3.48	1.89	.37	.00
	POWER	-5.02	.52	-.52	5.21	-.55	-1.59	2.13	.61	.00
2.50	14.9	16.37	42960	3068	1729	48600	22800	1.89	332	.0
	RAM	1.16	1.08	-.02	-.03	1.28	1.43	-.37	-.00	.00
	BLEED	-2.76	-1.82	-1.59	2.51	-.62	-3.28	1.54	1.72	.00
	POWER	-3.00	.41	-1.08	4.18	.89	-.28	.69	1.92	.00
2.80	22.8	22.22	47512	2995	1551	61100	25400	1.87	286	.0
	RAM	1.21	1.14	-.03	-.03	1.32	1.48	-.32	.00	.00
	BLEED	-2.61	-1.98	-.90	1.49	-1.41	-3.97	2.12	.41	.00
	POWER	-2.36	.35	-.19	2.52	-.02	-.53	.88	.34	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR = .971	3.57	7000	8270	1.80	1237	39.7	148	1765
	P2 = 4.72	RAM	1.05	1.54	-.64	-.00	1.05	1.05	.00
	T2 = 624	BLEED	.08	-4.30	3.12	-.54	-1.85	.08	.01
	ERI = 19	POWER	-.02	-4.73	5.88	.13	.54	-.02	-.02
2.00	NR = .925	7.25	14700	12500	1.75	1402	62.0	232	1842
	P2 = 9.59	RAM	1.09	1.50	-.52	-.00	1.09	1.09	-.00
	T2 = 774	BLEED	.37	-3.94	2.43	-.54	-2.06	.37	.00
	ERI = 0	POWER	.61	-1.52	2.17	.07	.31	.61	.00
2.50	NR = .870	14.9	25900	16900	1.74	1564	87.1	327	1979
	P2 =19.74	RAM	1.15	1.51	-.44	-.00	1.16	1.15	.00
	T2 = 963	BLEED	1.72	-4.04	2.42	-.51	-2.16	1.72	.01
	ERI = 0	POWER	1.92	-.54	1.07	.04	.19	1.92	.00
2.80	NR = .834	22.8	35700	18200	1.78	1647	98.6	403	2042
	P2 =30.14	RAM	1.20	1.51	-.33	-.00	1.21	1.20	.00
	T2 = 1095	BLEED	.41	-4.78	3.08	-.54	-2.33	.41	.01
	ERI = 0	POWER	.34	-.61	1.07	.02	.12	.34	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.49	14888	2287	1963	15400	8420	1.77	504	6.6
	RAM	1.05	.95	.04	.02	1.31	1.53	-.63	.02	.00
	BLEED	-3.91	-1.38	-.89	2.56	-2.34	-4.35	3.18	.08	.00
	POWER	-10.07	1.07	-.87	9.53	-2.88	-5.25	6.42	-.02	.00
2.00	7.25	9.28	21892	2386	1866	27500	12800	1.71	434	.0
	RAM	1.10	1.02	-.01	-.01	1.27	1.47	-.48	.01	.00
	BLEED	-2.83	-1.66	-.93	1.70	-1.63	-3.93	2.41	.37	.00
	POWER	-4.80	.64	-.54	5.05	-.50	-1.76	2.42	.61	.00
2.50	14.9	16.56	29495	2503	1524	43100	17300	1.71	332	.0
	RAM	1.16	1.10	-.01	-.02	1.28	1.48	-.41	-.00	.00
	BLEED	-2.71	-1.77	-1.56	2.49	-.56	-3.97	2.35	1.72	.00
	POWER	-2.90	.52	-1.06	4.10	.94	-.52	1.04	1.92	.00
2.80	22.8	22.42	32448	2470	1379	54400	18800	1.73	286	.0
	RAM	1.21	1.16	-.02	-.02	1.32	1.54	-.36	.00	.00
	BLEED	-2.58	-1.92	-.88	1.49	-1.37	-4.76	3.06	.41	.00
	POWER	-2.32	.46	-.19	2.49	-.01	-.67	1.13	.34	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
1.50	NR = .971	3.57	7000	6420	1.57	1237	39.7	148	1765
	P2 = 4.72	RAM	1.05	1.36	-.94	-.00	1.05	1.05	.00
	T2 = 624	BLEED	.08	-4.09	3.91	-.54	-1.85	.08	.01
	ERI = 19	POWER	-.02	-5.09	6.29	.13	.54	-.02	-.02
2.00	NR = .925	7.25	14700	8030	1.52	1402	62.0	232	1842
	P2 = 9.59	RAM	1.09	1.19	-.63	-.00	1.09	1.09	-.00
	T2 = 774	BLEED	.37	-4.14	3.71	-.54	-2.06	.37	.00
	ERI = 0	POWER	.61	-1.99	2.82	.07	.31	.61	.00
2.50	NR = .870	14.9	25900	9940	1.61	1564	87.1	327	1979
	P2 =19.74	RAM	1.15	1.66	-.54	-.00	1.16	1.15	.00
	T2 = 963	BLEED	1.72	-5.72	4.47	-.51	-2.16	1.72	.01
	ERI = 0	POWER	1.92	-.67	1.50	.04	.19	1.92	.00
2.80	NR = .834	22.8	35700	10200	1.71	1647	98.6	403	2042
	P2 =30.14	RAM	1.20	1.86	-.59	-.00	1.21	1.20	.00
	T2 = 1095	BLEED	.41	-7.21	6.10	-.54	-2.33	.41	.01
	ERI = 0	POWER	.34	-.94	1.72	.02	.12	.34	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

M0	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.58	10112	1829	1711	13600	6640	1.52	504	6.6
	RAM	1.07	.48	-.25	-.16	1.16	1.28	-.85	.02	.00
	BLEED	-3.87	-.42	-.28	2.85	-1.98	-4.14	3.97	.08	.00
	POWER	-9.75	1.10	-.85	9.17	-2.74	-5.60	6.82	-.02	.00
2.00	7.25	9.47	12164	1729	1540	23000	8300	1.47	434	6.6
	RAM	1.11	.60	-.25	-.15	1.14	1.22	-.67	.01	.00
	BLEED	-2.79	-.66	-.40	1.94	-1.30	-4.27	3.85	.37	.00
	POWER	-4.60	.80	-.60	4.77	-.47	-2.37	3.21	.61	.00
2.50	14.9	16.78	16030	1847	1277	36300	10400	1.54	332	.0
	RAM	1.16	1.16	.02	-.01	1.29	1.65	-.53	-.00	.00
	BLEED	-2.65	-1.63	-1.37	2.58	-.41	-5.69	4.44	1.72	.00
	POWER	-2.80	.82	-.93	4.12	1.06	-1.06	1.90	1.92	.00
2.80	22.8	22.64	17383	1863	1174	46300	10600	1.64	286	.0
	RAM	1.21	1.21	.00	-.01	1.33	1.76	-.51	.00	.00
	BLEED	-2.56	-1.77	-.79	1.52	-1.29	-7.01	5.86	.41	.00
	POWER	-2.27	.76	-.18	2.44	.02	-1.07	1.85	.34	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
1.50	NR =	.971	3.57	7000	3650	1.26	1237	39.7	148	1765
	P2 =	4.72	RAM	1.05	2.14	-1.21	-.00	1.05	1.05	.00
	T2 =	624	BLEED	.08	-6.12	5.72	-.54	-1.85	.08	.01
	ERI =	0	POWER	-.02	-5.73	8.28	.13	.54	-.02	-.02
2.00	NR =	.925	7.25	14700	5050	1.32	1402	62.0	232	1842
	P2 =	9.59	RAM	1.09	1.90	-.90	-.00	1.09	1.09	-.00
	T2 =	774	BLEED	.37	-6.83	6.26	-.54	-2.06	.37	.00
	ERI =	0	POWER	.61	-3.38	4.92	.07	.31	.61	.00
2.50	NR =	.870	14.9	25900	5650	1.54	1564	87.1	327	1979
	P2 =	19.74	RAM	1.15	1.92	-.84	-.00	1.16	1.15	.00
	T2 =	963	BLEED	1.72	-8.46	8.35	-.51	-2.16	1.72	.01
	ERI =	0	POWER	1.92	-1.59	2.97	.04	.19	1.92	.00
2.80	NR =	.834	22.8	35700	5190	1.75	1647	98.6	403	2042
	P2 =	30.14	RAM	1.20	2.43	-1.09	-.00	1.21	1.20	.00
	T2 =	1095	BLEED	.41	-12.06	13.19	-.54	-2.33	.41	.01
	ERI =	0	POWER	.34	-2.40	3.81	.02	.12	.34	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.69	4612	1252	1374	11100	4140	1.12	504	6.6
	RAM	1.05	1.06	.00	.00	1.29	1.68	-.68	.02	.00
	BLEED	-3.75	-.92	-.46	2.62	-2.02	-5.57	5.07	.08	.00
	POWER	-9.41	2.41	-.30	9.12	-2.30	-6.16	8.74	-.02	.00
2.00	7.25	9.58	6664	1343	1332	20000	5340	1.25	434	6.6
	RAM	1.10	1.09	.00	-.01	1.26	1.74	-.71	.01	.00
	BLEED	-2.74	-1.21	-.68	1.75	-1.43	-6.40	5.74	.37	.00
	POWER	-4.49	1.46	-.51	4.74	-.38	-3.09	4.62	.61	.00
2.50	14.9	16.90	8704	1478	1127	32000	6180	1.41	332	3.0
	RAM	1.16	1.16	.01	-.01	1.28	1.85	-.76	-.00	.00
	BLEED	-2.62	-1.17	-1.00	2.75	-.17	-8.09	7.87	1.72	.00
	POWER	-2.75	1.36	-.72	4.15	1.20	-1.80	3.20	1.92	.00
2.80	22.8	22.77	9082	1526	1050	41400	5710	1.59	286	.0
	RAM	1.21	1.21	.00	-.01	1.33	2.12	-.82	.00	.00
	BLEED	-2.54	-1.26	-.53	1.66	-1.14	-10.81	11.40	.41	.00
	POWER	-2.24	1.34	-.16	2.43	.04	-1.85	3.24	.34	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
1.50	NR = .971	3.57	7000	3650	1.26	1237	39.7	148	1765
	P2 = 4.72	RAM	1.05	2.14	-1.21	-.00	1.05	1.05	.00
	T2 = 624	BLEED	.08	-6.12	5.72	-.54	-1.85	.08	.01
	ERI = 0	POWER	-.02	-5.73	8.28	.13	.54	-.02	-.02
2.00	NR = .925	7.25	14700	5050	1.32	1402	62.0	232	1842
	P2 = 9.59	RAM	1.09	1.90	-.90	-.00	1.09	1.09	-.00
	T2 = 774	BLEED	.37	-6.83	6.26	-.54	-2.06	.37	.00
	ERI = 0	POWER	.61	-3.39	4.92	.07	.31	.61	.00
2.50	NR = .870	14.9	27000	4360	1.66	1554	84.0	342	1819
	P2 =19.74	RAM	1.15	2.19	-1.19	-.00	1.15	1.15	-.01
	T2 = 963	BLEED	.06	-4.22	8.05	-.36	-1.41	.06	1.95
	ERI = 0	POWER	-.12	9.16	.04	.29	1.66	-.12	3.32
2.80	NR = .834	22.8	36500	1490	3.49	1619	89.8	412	1656
	P2 =30.14	RAM	1.20	5.39	-3.31	-.00	1.21	1.20	-.01
	T2 = 1095	BLEED	.02	-16.70	29.31	-.41	-1.51	.02	1.91
	ERI = 0	POWER	-.02	27.20	-12.76	.29	1.63	-.02	3.21

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.69	4612	1252	1374	11100	4140	1.12	504	6.6
	RAM	1.05	1.05	.00	.00	1.29	1.68	-.68	.02	.00
	BLEED	-3.75	-.92	-.46	2.62	-2.02	-5.57	5.07	.08	.00
	POWER	-9.41	2.42	-.30	9.12	-2.30	-6.16	8.74	-.02	.00
2.00	7.25	9.58	6664	1343	1332	20000	5340	1.25	434	6.6
	RAM	1.10	1.09	.00	-.01	1.26	1.74	-.71	.01	.00
	BLEED	-2.74	-1.21	-.68	1.75	-1.43	-6.40	5.74	.37	.00
	POWER	-4.49	1.46	-.51	4.74	-.38	-3.09	4.62	.61	.00
2.50	14.9	15.27	7225	1376	1249	31800	4780	1.51	347	3.0
	RAM	1.15	1.13	-.00	.00	1.29	2.07	-1.04	.01	.00
	BLEED	-.49	3.32	.83	.00	-.54	-3.94	7.72	.06	.00
	POWER	1.05	9.21	2.13	.00	1.18	8.56	.61	-.12	.00
2.80	22.8	18.08	5203	1340	1249	38400	1960	2.66	292	.0
	RAM	1.20	1.19	-.00	-.00	1.34	3.88	-2.25	.01	.00
	BLEED	-.52	5.27	.76	.00	-.62	-12.67	22.16	.02	.00
	POWER	.93	12.22	1.71	.00	1.03	20.61	-7.41	-.02	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR =	.971	3.57	7000	2890	1.39	1227	38.5	148	1611
	P2 =	4.72	RAM	1.05	2.41	-1.56	-.00	1.05	1.05	-.01
	T2 =	624	BLEED	.04	-1.91	4.51	-.33	-1.15	.04	2.11
	ERI =	0	POWER	-.10	13.75	1.62	.75	3.36	-.10	7.77
2.00	NR =	.925	7.25	14800	3330	1.52	1385	58.6	235	1591
	P2 =	9.59	RAM	1.09	2.25	-1.34	-.00	1.09	1.09	-.01
	T2 =	774	BLEED	.02	-2.68	6.46	-.26	-1.18	.02	2.22
	ERI =	0	POWER	-.02	11.75	.55	.50	2.38	-.02	5.12
2.50	NR =	.870	14.9	27400	1050	4.03	1531	77.1	347	1468
	P2 =	19.74	RAM	1.15	5.30	-5.69	-.00	1.15	1.15	-.01
	T2 =	963	BLEED	.02	-16.05	28.68	-.32	-1.38	.02	2.05
	ERI =	0	POWER	-.01	33.59	-16.75	.27	1.78	-.01	3.69
2.80	NR =	.834	22.8	36500	-2020	-1.060	1592	81.8	412	1316
	P2 =	30.14	RAM	1.20	-1.80	3.28	-.00	1.21	1.20	-.00
	T2 =	1095	BLEED	.02	12.15	-.12	-.38	-1.56	.02	1.77
	ERI =	0	POWER	-.01	-17.88	49.97	.35	1.95	-.01	3.69

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 55000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FG8	FN8	SFC8	W2K	BTANG
1.50	3.57	4.73	4006	1172	1587	10300	3280	1.22	505	6.6
	RAM	1.05	1.04	-.01	.00	1.32	1.88	-.93	.02	.00
	BLEED	-.38	2.47	1.09	.00	-.48	-1.59	4.16	.04	.00
	POWER	2.86	15.44	5.46	.00	3.56	11.37	3.94	-.10	.00
2.00	7.25	7.60	5044	1204	1587	18300	3500	1.44	439	6.6
	RAM	1.09	1.06	-.00	.00	1.29	2.11	-1.17	.01	.00
	BLEED	-.39	3.52	1.09	.00	-.47	-2.54	6.30	.02	.00
	POWER	1.77	12.33	3.33	.00	2.10	11.11	1.16	-.02	.00
2.50	14.9	11.21	4246	1205	1587	28800	1390	3.05	352	3.0
	RAM	1.15	1.11	-.00	.00	1.32	4.50	-4.38	.01	.00
	BLEED	-.51	5.73	.88	.00	-.58	-12.38	22.24	.02	.00
	POWER	1.09	13.43	2.02	.00	1.24	25.92	-10.79	-.01	.00
2.80	22.8	13.26	2142	1196	1587	34800	-1680	-1.280	292	.0
	RAM	1.20	1.18	-.00	-.00	1.36	-2.12	3.70	.01	.00
	BLEED	-.60	12.01	.69	.00	-.68	14.65	-2.16	.02	.00
	POWER	.89	26.67	1.68	.00	1.02	-21.55	55.47	-.01	.00

13. 65000 FEET

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
2.00	NR = .925	7.24	9840	12300	2.10	1329	43.6	163	1779
	P2 = 5.92	RAM	1.10	1.37	-.45	-.00	1.10	1.10	.00
	T2 = 702	BLEED	.05	-7.17	-.22	-.52	-1.95	.05	-.00
	ERI = 1	POWER	.01	-16.36	-5.40	.11	.50	.01	-.02
2.30	NR = .893	11.2	14500	17000	2.16	1430	56.0	210	1867
	P2 = 9.14	RAM	1.13	1.32	-.36	-.00	1.13	1.13	-.00
	T2 = 802	BLEED	.38	-2.26	2.53	-.55	-2.09	.38	.00
	ERI = 1	POWER	.71	-1.03	3.03	.08	.35	.71	.03
2.50	NR = .870	14.9	18400	19300	2.11	1501	65.4	244	1933
	P2 =12.18	RAM	1.15	1.33	-.23	-.00	1.16	1.15	-.00
	T2 = 876	BLEED	.95	-2.06	2.57	-.53	-2.12	.95	.00
	ERI = 1	POWER	1.67	-.30	2.71	.07	.34	1.67	.01
2.70	NR = .846	19.8	22200	21200	2.06	1560	72.8	273	1975
	P2 =16.16	RAM	1.18	1.36	-.21	-.00	1.19	1.18	-.00
	T2 = 955	BLEED	1.73	-1.85	3.06	-.50	-2.16	1.73	.00
	ERI = 1	POWER	2.31	.00	2.87	.05	.23	2.31	.00
3.00	NR = .809	29.9	30000	24100	2.08	1639	81.7	332	2042
	P2 =24.43	RAM	1.24	1.39	-.15	-.00	1.25	1.24	-.00
	T2 = 1083	BLEED	.41	-2.33	2.09	-.55	-2.32	.41	.00
	ERI = 1	POWER	.41	-.21	.98	.03	.15	.41	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
2.00	7.24	9.47	25875	3075	2401	22600	12800	2.02	472	.0
	RAM	1.11	.95	.01	-.01	1.29	1.43	-.51	.02	.00
	BLEED	-3.46	-7.36	-4.31	-.02	-4.08	-7.26	-.12	.05	.00
	POWER	-7.87	-21.46	-13.28	-.12	-9.37	-16.57	-5.18	.01	.00
2.30	11.2	13.54	36764	3400	2294	32600	18000	2.04	419	.0
	RAM	1.13	.98	.00	-.01	1.28	1.40	-.45	.01	.00
	BLEED	-2.95	.18	.00	2.37	-1.01	-2.12	2.38	.38	.00
	POWER	-5.51	1.98	.00	6.18	-.02	-.60	2.58	.71	.00
2.50	14.9	17.27	40775	3400	2098	39100	20700	1.97	383	.0
	RAM	1.17	1.11	.00	-.02	1.29	1.42	-.33	.00	.00
	BLEED	-3.05	.43	.00	3.00	-.43	-1.66	2.14	.95	.00
	POWER	-4.74	2.41	.00	6.29	1.10	.60	1.80	1.67	.00
2.70	19.8	21.64	43739	3400	1874	44700	22500	1.94	337	.0
	RAM	1.20	1.14	-.00	-.02	1.31	1.44	-.29	-.00	.00
	BLEED	-3.01	1.12	.00	3.75	.37	-.96	2.12	1.73	.00
	POWER	-3.85	2.87	.00	6.07	1.89	1.49	1.38	2.31	.00
3.00	29.9	29.26	50255	3400	1689	56000	26000	1.93	289	.0
	RAM	1.25	1.23	-.00	-.01	1.36	1.51	-.26	.00	.00
	BLEED	-2.70	-.31	.00	2.11	-.85	-2.31	2.07	.41	.00
	POWER	-2.95	.76	.00	3.29	.14	-.18	.94	.41	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
2.00	NR =	.925	7.24	9840	11600	2.01	1329	43.6	163	1779
	P2 =	5.92	RAM	1.10	1.38	-.45	-.00	1.10	1.10	.00
	T2 =	702	BLEED	.05	-3.83	2.45	-.52	-1.95	.05	-.00
	ERI =	0	POWER	.01	-3.49	4.35	.11	.50	.01	-.02
2.30	NR =	.893	11.2	14500	14900	1.95	1430	56.0	210	1867
	P2 =	9.14	RAM	1.13	1.35	-.35	-.00	1.13	1.13	-.00
	T2 =	802	BLEED	.38	-3.55	1.94	-.55	-2.09	.38	.00
	ERI =	0	POWER	.71	-2.00	2.62	.08	.35	.71	.03
2.50	NR =	.870	14.9	18400	17200	1.94	1501	65.4	244	1933
	P2 =	12.18	RAM	1.15	1.31	-.27	-.00	1.16	1.15	-.00
	T2 =	876	BLEED	.95	-3.61	1.96	-.53	-2.12	.95	.00
	ERI =	0	POWER	1.67	-1.63	2.23	.07	.34	1.67	.01
2.70	NR =	.846	19.8	22200	18900	1.92	1560	72.8	273	1975
	P2 =	16.16	RAM	1.18	1.34	-.23	-.00	1.19	1.18	-.00
	T2 =	955	BLEED	1.73	-3.40	1.70	-.50	-2.16	1.73	.00
	ERI =	0	POWER	2.31	-.37	.86	.05	.23	2.31	.00
3.00	NR =	.809	29.9	30000	20400	1.96	1639	81.7	332	2042
	P2 =	24.43	RAM	1.24	1.35	-.18	-.00	1.25	1.24	-.00
	T2 =	1083	BLEED	.41	-3.89	2.06	-.55	-2.32	.41	.00
	ERI =	0	POWER	.41	-.64	1.05	.03	.15	.41	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
2.00	7.24	9.54	23362	2900	2305	21900	12000	1.94	472	.0
	RAM	1.11	.96	.01	-.01	1.28	1.43	-.51	.02	.00
	BLEED	-3.88	-1.51	-.86	2.52	-2.08	-3.83	2.46	.05	.00
	POWER	-9.44	.81	-.50	9.13	-1.84	-3.36	4.21	.01	.00
2.30	11.2	13.72	29050	2996	2099	30100	15600	1.86	419	.0
	RAM	1.13	1.02	-.00	-.01	1.28	1.42	-.43	.01	.00
	BLEED	-2.78	-1.71	-.99	1.59	-1.58	-3.41	1.79	.38	.00
	POWER	-5.26	.59	-.69	5.45	-.39	-1.42	2.02	.71	.00
2.50	14.9	17.43	33306	3046	1946	36500	18100	1.84	383	.0
	RAM	1.17	1.06	-.03	-.04	1.27	1.39	-.36	.00	.00
	BLEED	-2.89	-1.75	-1.20	2.13	-1.14	-3.25	1.58	.95	.00
	POWER	-4.53	.58	-1.00	5.53	.52	-.65	1.23	1.67	.00
2.70	19.8	21.79	36436	3081	1756	42100	19900	1.83	337	.0
	RAM	1.20	1.10	-.02	-.03	1.30	1.43	-.31	-.00	.00
	BLEED	-2.84	-1.79	-1.60	2.59	-.59	-3.17	1.45	1.73	.00
	POWER	-3.67	.49	-1.31	5.07	1.11	-.23	.72	2.31	.00
3.00	29.9	29.45	39944	3016	1564	52000	22000	1.82	289	.0
	RAM	1.25	1.16	-.04	-.03	1.34	1.47	-.30	.00	.00
	BLEED	-2.62	-1.95	-.89	1.50	-1.38	-3.81	1.97	.41	.00
	POWER	-2.89	.41	-.22	3.09	.01	-.53	.94	.41	.00

GEI 04219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
2.00	NR	= .925	7.24	9840	9240	1.72	1329	43.6	163	1779
	P2	= 5.92	RAM	1.10	1.49	-.53	-.00	1.10	1.10	.00
	T2	= 702	BLEED	.05	-4.18	2.88	-.52	-1.95	.05	-.00
	ERI	= 0	POWER	.01	-3.38	4.43	.11	.50	.01	-.02
2.30	NR	= .893	11.2	14500	11800	1.69	1430	56.0	210	1867
	P2	= 9.14	RAM	1.13	1.44	-.42	-.00	1.13	1.13	-.00
	T2	= 802	BLEED	.38	-3.86	2.30	-.55	-2.09	.38	.00
	ERI	= 0	POWER	.71	-1.57	2.31	.08	.35	.71	.03
2.50	NR	= .870	14.9	18400	13600	1.68	1501	65.4	244	1933
	P2	=12.18	RAM	1.15	1.43	-.37	-.00	1.16	1.15	-.00
	T2	= 876	BLEED	.95	-4.02	2.46	-.53	-2.12	.95	.00
	ERI	= 0	POWER	1.67	-1.41	2.13	.07	.34	1.67	.01
2.70	NR	= .846	19.8	22200	14600	1.71	1560	72.8	273	1975
	P2	=16.16	RAM	1.18	1.41	-.27	-.00	1.19	1.18	-.00
	T2	= 955	BLEED	1.73	-3.88	2.27	-.50	-2.16	1.73	.00
	ERI	= 0	POWER	2.31	-.57	1.20	.05	.23	2.31	.00
3.00	NR	= .809	29.9	30000	15600	1.75	1639	81.7	332	2042
	P2	=24.43	RAM	1.24	1.46	-.26	-.00	1.25	1.24	-.00
	T2	= 1083	BLEED	.41	-4.69	3.00	-.55	-2.32	.41	.00
	ERI	= 0	POWER	.41	-.85	1.39	.03	.15	.41	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
2.00	7.24	9.76	15897	2316	1986	19200	9390	1.69	472	.0
	RAM	1.11	1.00	.02	-.00	1.28	1.48	-.52	.02	.00
	BLEED	-3.76	-1.49	-.82	2.41	-2.02	-4.19	2.88	.05	.00
	POWER	-8.98	1.00	-.45	8.68	-1.70	-3.49	4.54	.01	.00
2.30	11.2	13.97	19873	2409	1823	26500	12000	1.65	419	.0
	RAM	1.13	1.05	.01	-.00	1.28	1.47	-.45	.01	.00
	BLEED	-2.72	-1.69	-.99	1.55	-1.55	-3.87	2.32	.38	.00
	POWER	-5.05	.73	-.69	5.30	-.35	-1.62	2.36	.71	.00
2.50	14.9	17.70	22837	2466	1701	32200	13900	1.65	383	.0
	RAM	1.17	1.09	-.02	-.03	1.28	1.45	-.39	.00	.00
	BLEED	-2.82	-1.71	-1.20	2.08	-1.10	-3.81	2.23	.95	.00
	POWER	-4.36	.71	-1.01	5.35	.57	-.88	1.60	1.67	.00
2.70	19.8	22.05	24938	2508	1545	37200	15000	1.66	337	.0
	RAM	1.20	1.12	-.01	-.02	1.30	1.48	-.34	-.00	.00
	BLEED	-2.78	-1.74	-1.57	2.57	-.53	-3.85	2.23	1.73	.00
	POWER	-3.55	.63	-1.28	4.98	1.17	-.50	1.13	2.31	.00
3.00	29.9	29.72	27217	2480	1388	46200	16200	1.68	289	.0
	RAM	1.25	1.18	-.02	-.02	1.35	1.54	-.33	.00	.00
	BLEED	-2.60	-1.90	-.87	1.51	-1.34	-4.57	2.86	.41	.00
	POWER	-2.84	.54	-.23	3.05	.03	-.69	1.23	.41	.00

GEI 04219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
2.00	NR =	.925	7.24	9840	6770	1.52	1329	43.6	163	1779
	P2 =	5.92	RAM	1.10	1.17	-.70	-.00	1.10	1.10	.00
	T2 =	702	BLEED	.05	-4.21	4.00	-.52	-1.95	.05	-.00
	ERI =	0	POWER	.01	-4.40	5.55	.11	.50	.01	-.02
2.30	NR =	.893	11.2	14500	7700	1.49	1430	56.0	210	1867
	P2 =	9.14	RAM	1.13	1.22	-.67	-.00	1.13	1.13	-.00
	T2 =	802	BLEED	.38	-4.17	3.75	-.55	-2.09	.38	.00
	ERI =	0	POWER	.71	-2.09	2.99	.08	.35	.71	.03
2.50	NR =	.870	14.9	18400	8290	1.49	1501	65.4	244	1933
	P2 =	12.18	RAM	1.15	1.19	-.58	-.00	1.16	1.15	-.00
	T2 =	876	BLEED	.95	-4.54	4.15	-.53	-2.12	.95	.00
	ERI =	0	POWER	1.67	-1.52	2.59	.07	.34	1.67	.01
2.70	NR =	.846	19.8	22200	8710	1.54	1560	72.8	273	1975
	P2 =	16.16	RAM	1.18	1.65	-.43	-.00	1.19	1.18	-.00
	T2 =	955	BLEED	1.73	-5.68	4.44	-.50	-2.16	1.73	.00
	ERI =	0	POWER	2.31	-1.17	2.17	.05	.23	2.31	.00
3.00	NR =	.809	29.9	30000	8790	1.65	1639	81.7	332	2042
	P2 =	24.43	RAM	1.24	1.65	-.37	-.00	1.25	1.24	-.00
	T2 =	1083	BLEED	.41	-6.90	5.74	-.55	-2.32	.41	.00
	ERI =	0	POWER	.41	-1.16	2.07	.03	.15	.41	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
2.00	7.24	9.94	10263	1813	1709	16800	6930	1.48	472	3.0
	RAM	1.13	.51	-.29	-.18	1.13	1.16	-.69	.02	.00
	BLEED	-3.71	-.47	-.22	2.69	-1.65	-4.08	3.85	.05	.00
	POWER	-8.66	1.08	-.52	8.28	-1.65	-4.00	5.14	.01	.00
2.30	11.2	14.22	11484	1790	1527	22400	7930	1.45	419	.0
	RAM	1.15	.59	-.25	-.15	1.14	1.16	-.61	.01	.00
	BLEED	-2.70	-.65	-.42	1.84	-1.20	-4.10	3.67	.38	.00
	POWER	-4.86	.87	-.72	5.06	-.31	-2.18	3.08	.71	.00
2.50	14.9	18.00	12369	1791	1410	26900	8500	1.46	383	.0
	RAM	1.18	.64	-.25	-.16	1.15	1.16	-.55	.00	.00
	BLEED	-2.78	-.67	-.65	2.36	-.74	-4.41	4.00	.95	.00
	POWER	-4.19	1.06	-.92	5.24	.68	-1.46	2.53	1.67	.00
2.70	19.8	22.35	13441	1841	1290	31200	9000	1.49	337	.0
	RAM	1.19	1.19	.02	-.01	1.31	1.65	-.42	-.00	.00
	BLEED	-2.72	-1.62	-1.39	2.65	-.37	-5.55	4.29	1.73	.00
	POWER	-3.42	.99	-1.12	5.01	1.32	-1.11	2.11	2.31	.00
3.00	29.9	30.03	14489	1860	1177	39200	9180	1.58	289	.0
	RAM	1.25	1.25	.01	-.00	1.36	1.75	-.46	.00	.00
	BLEED	-2.57	-1.76	-.79	1.52	-1.27	-6.74	5.55	.41	.00
	POWER	-2.77	.89	-.23	2.97	.05	-1.15	2.05	.41	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR =	.971	3.56	4470	2860	1.15	1166	27.0	99	1765
	P2 =	2.92	RAM	1.06	1.87	-.89	-.01	1.06	1.06	.00
	T2 =	566	BLEED	.08	-5.00	4.13	-.54	-1.89	.08	-.01
	ERI =	0	POWER	.11	-5.92	8.92	.16	.67	.11	-.09
1.80	NR =	.945	5.43	7290	3490	1.18	1260	36.1	135	1765
	P2 =	4.44	RAM	1.08	1.75	-.73	-.00	1.08	1.08	-.00
	T2 =	643	BLEED	.07	-5.71	5.31	-.53	-1.86	.07	.00
	ERI =	0	POWER	-.02	-4.92	8.16	.17	.68	-.02	.02
2.00	NR =	.925	7.24	9840	3870	1.23	1329	43.6	163	1779
	P2 =	5.92	RAM	1.10	1.74	-.70	-.00	1.10	1.10	.00
	T2 =	702	BLEED	.05	-6.38	5.95	-.52	-1.95	.05	-.00
	ERI =	0	POWER	.01	-4.96	7.40	.11	.50	.01	-.02
2.30	NR =	.893	11.2	14500	4580	1.31	1430	56.0	210	1867
	P2 =	9.14	RAM	1.13	1.75	-.68	-.00	1.13	1.13	-.00
	T2 =	802	BLEED	.38	-6.86	6.26	-.55	-2.09	.38	.00
	ERI =	0	POWER	.71	-3.35	5.10	.08	.35	.71	.03
2.50	NR =	.870	14.9	18400	4990	1.38	1501	65.4	244	1933
	P2 =	12.18	RAM	1.15	1.92	-.84	-.00	1.16	1.15	-.00
	T2 =	876	BLEED	.95	-7.23	6.76	-.53	-2.12	.95	.00
	ERI =	0	POWER	1.67	-1.84	3.52	.07	.34	1.67	.01
2.70	NR =	.846	19.8	22200	5050	1.45	1560	72.8	273	1975
	P2 =	16.16	RAM	1.18	1.96	-.71	-.00	1.19	1.18	-.00
	T2 =	955	BLEED	1.73	-8.09	7.88	-.50	-2.16	1.73	.00
	ERI =	0	POWER	2.31	-1.60	3.25	.05	.23	2.31	.00
3.00	NR =	.809	29.9	30000	4660	1.63	1639	81.7	332	2042
	P2 =	24.43	RAM	1.24	1.96	-.65	-.00	1.25	1.24	-.00
	T2 =	1083	BLEED	.41	-10.96	11.62	-.55	-2.32	.41	.00
	ERI =	0	POWER	.41	-2.13	3.74	.03	.15	.41	-.01

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.56	6.40	3289	1236	1319	7610	3140	1.05	521	6.6
	RAM	1.07	1.07	.00	-.01	1.28	1.60	-.57	.04	.00
	BLEED	-3.14	-1.17	-.59	1.93	-1.88	-4.68	3.77	.08	.00
	POWER	-11.49	2.90	-.80	11.00	-2.68	-6.65	9.68	.11	.00
1.80	5.43	8.30	4120	1257	1393	11000	3670	1.12	496	6.6
	RAM	1.09	1.08	.00	-.00	1.27	1.64	-.61	.03	.00
	BLEED	-4.11	-.85	-.42	3.02	-1.88	-5.76	5.38	.07	.00
	POWER	-11.74	3.13	-.12	11.55	-2.14	-6.36	9.66	-.02	.00
2.00	7.24	10.13	4763	1284	1399	13900	4050	1.18	472	6.6
	RAM	1.11	1.10	.00	-.01	1.27	1.68	-.63	.02	.00
	BLEED	-3.60	-1.00	-.49	2.43	-1.76	-6.17	5.70	.05	.00
	POWER	-8.35	2.32	-.29	8.10	-1.43	-4.92	7.36	.01	.00
2.30	11.2	14.40	5984	1365	1307	19300	4800	1.25	419	3.0
	RAM	1.13	1.13	.00	-.00	1.27	1.70	-.63	.01	.00
	BLEED	-2.64	-1.25	-.69	1.65	-1.33	-6.48	5.80	.38	.00
	POWER	-4.74	1.67	-.55	5.07	-.18	-2.87	4.60	.71	.00
2.50	14.9	18.16	6869	1425	1237	23700	5290	1.30	383	.0
	RAM	1.16	1.16	.00	-.01	1.28	1.74	-.64	.00	.00
	BLEED	-2.73	-1.20	-.84	2.22	-.83	-7.02	6.50	.95	.00
	POWER	-4.10	1.64	-.76	5.25	.80	-2.25	3.93	1.67	.00
2.70	19.8	22.52	7315	1474	1139	27500	5340	1.37	337	.0
	RAM	1.20	1.19	.01	-.01	1.30	1.83	-.59	-.00	.00
	BLEED	-2.69	-1.17	-1.01	2.82	-.14	-7.88	7.61	1.73	.00
	POWER	-3.36	1.62	-.87	5.04	1.49	-1.92	3.57	2.31	.00
3.00	29.9	30.20	7613	1522	1053	35000	4990	1.53	289	.0
	RAM	1.25	1.25	.00	-.01	1.35	2.04	-.72	.00	.00
	BLEED	-2.56	-1.25	-.53	1.67	-1.11	-10.25	10.64	.41	.00
	POWER	-2.74	1.57	-.20	2.97	.07	-1.98	3.59	.41	.00

GEI 64218

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.10.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR =	.971	3.56	4470	2860	1.15	1166	27.0	99	1765
	P2 =	2.92	RAM	1.06	1.87	-.89	-.01	1.06	1.06	.00
	T2 =	566	BLEED	.08	-4.98	4.13	-.54	-1.89	.08	-.00
	ERI =	0	POWER	.11	-5.79	8.91	.17	.69	.11	.00
1.80	NR =	.945	5.43	7290	3490	1.18	1260	36.1	135	1765
	P2 =	4.44	RAM	1.08	1.75	-.73	-.00	1.08	1.08	-.00
	T2 =	643	BLEED	.07	-5.71	5.31	-.53	-1.86	.07	.00
	ERI =	0	POWER	-.02	-4.92	8.16	.17	.68	-.02	.02
2.00	NR =	.925	7.24	9840	3870	1.23	1329	43.6	163	1779
	P2 =	5.92	RAM	1.10	1.74	-.70	-.00	1.10	1.10	.00
	T2 =	702	BLEED	.05	-6.38	5.95	-.52	-1.95	.05	-.00
	ERI =	0	POWER	.01	-4.97	7.40	.11	.50	.01	-.02
2.30	NR =	.893	11.2	14500	4580	1.31	1430	56.0	210	1868
	P2 =	9.14	RAM	1.13	1.76	-.68	-.00	1.13	1.13	.00
	T2 =	802	BLEED	.38	-6.87	6.26	-.55	-2.09	.38	-.00
	ERI =	0	POWER	.70	-3.36	5.10	.08	.36	.70	.02
2.50	NR =	.870	14.9	18500	4920	1.38	1500	65.2	245	1921
	P2 =	12.18	RAM	1.15	1.94	-.86	-.00	1.16	1.15	.01
	T2 =	876	BLEED	.70	-6.29	6.53	-.49	-1.96	.70	.43
	ERI =	0	POWER	.93	1.30	2.88	.18	.86	.93	1.29
2.70	NR =	.846	19.8	23200	4070	1.53	1551	70.6	285	1836
	P2 =	16.16	RAM	1.19	2.05	-.81	-.00	1.19	1.19	-.01
	T2 =	955	BLEED	.06	-3.88	7.53	-.35	-1.40	.06	1.95
	ERI =	0	POWER	-.16	10.11	.42	.34	1.92	-.16	3.88
3.00	NR =	.809	29.9	30700	1650	2.70	1612	74.5	340	1663
	P2 =	24.43	RAM	1.24	3.56	-2.00	-.00	1.24	1.24	-.01
	T2 =	1083	BLEED	.02	-12.56	21.65	-.41	-1.51	.02	1.90
	ERI =	0	POWER	-.03	24.21	-9.09	.35	1.92	-.03	3.76

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.10.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.56	6.40	3288	1236	1319	7610	3140	1.05	521	6.6
	RAM	1.07	1.07	.00	-.01	1.28	1.60	-.57	.04	.00
	BLEED	-3.13	-1.16	-.59	1.92	-1.88	-4.66	3.77	.08	.00
	POWER	-11.41	3.03	-.74	10.96	-2.63	-6.53	9.68	.11	.00
1.80	5.43	8.30	4120	1257	1393	11000	3670	1.12	496	6.6
	RAM	1.09	1.08	.00	-.00	1.27	1.64	-.61	.03	.00
	BLEED	-4.11	-.85	-.42	3.02	-1.88	-5.76	5.38	.07	.00
	POWER	-11.74	3.13	-.12	11.55	-2.14	-6.36	9.66	-.02	.00
2.00	7.24	10.13	4763	1284	1399	13900	4050	1.18	472	6.6
	RAM	1.11	1.10	.00	-.01	1.27	1.68	-.63	.02	.00
	BLEED	-3.60	-1.00	-.49	2.43	-1.76	-6.17	5.70	.05	.00
	POWER	-8.35	2.32	-.29	8.10	-1.43	-4.93	7.36	.01	.00
2.30	11.2	14.40	5984	1365	1307	19300	4800	1.25	419	3.0
	RAM	1.14	1.13	.00	-.00	1.27	1.71	-.63	.01	.00
	BLEED	-2.64	-1.25	-.69	1.65	-1.33	-6.49	5.80	.38	.00
	POWER	-4.75	1.67	-.55	5.07	-.19	-2.88	4.60	.70	.00
2.50	14.9	18.02	6783	1417	1249	23700	5200	1.30	384	.0
	RAM	1.17	1.17	.01	.00	1.28	1.75	-.64	-.00	.00
	BLEED	-2.22	-.38	-.45	1.61	-.79	-6.08	6.27	.70	.00
	POWER	-2.51	4.20	.42	3.41	.92	.88	3.31	.93	.00
2.70	19.8	20.61	6248	1383	1249	27500	4330	1.44	352	.0
	RAM	1.18	1.16	-.00	-.00	1.31	1.98	-.74	.01	.00
	BLEED	-.48	3.22	.84	.00	-.53	-3.66	7.28	.06	.00
	POWER	1.32	10.56	2.53	.00	1.37	9.55	.96	-.16	.00
3.00	29.9	24.10	4456	1337	1249	32600	1940	2.29	295	.0
	RAM	1.24	1.20	-.00	-.00	1.36	3.28	-1.79	.01	.00
	BLEED	-.58	5.01	.75	.00	-.62	-10.72	18.75	.02	.00
	POWER	.93	13.95	2.04	.00	1.20	20.68	-6.06	-.03	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
1.5		.971	3.56	4470	1980	1.32	1152	25.6	99	1514
		2.92	RAM	1.06	2.22	-1.35	-.01	1.05	1.06	-.03
		566	BLEED	.03	-1.74	4.20	-.31	-1.14	.03	2.14
	E	0	POWER	-.10	19.07	3.08	.99	4.96	-.10	11.53
1.80	NR =	.945	5.43	7300	2630	1.32	1249	34.7	135	1578
	P2 =	4.44	RAM	1.08	2.01	-1.03	-.00	1.08	1.08	-.00
	T2 =	643	BLEED	.03	-2.00	4.64	-.34	-1.18	.03	2.06
	ERI =	0	POWER	-.08	14.76	2.74	.80	3.78	-.08	8.66
2.00	NR =	.925	7.24	9850	2820	1.39	1317	41.8	164	1583
	P2 =	5.92	RAM	1.10	1.94	-.97	-.01	1.09	1.10	-.01
	T2 =	702	BLEED	.03	-2.45	5.36	-.37	-1.23	.03	2.00
	ERI =	0	POWER	-.06	13.60	2.03	.68	3.21	-.06	7.19
2.30	NR =	.893	11.2	14700	2400	1.68	1409	51.8	213	1527
	P2 =	9.14	RAM	1.13	2.26	-1.30	-.00	1.13	1.13	-.01
	T2 =	802	BLEED	.01	-3.49	7.79	-.26	-1.22	.01	2.20
	ERI =	0	POWER	-.02	14.89	-.62	.36	2.51	-.02	5.43
2.50	NR =	.870	14.9	19000	1910	2.07	1475	59.0	252	1495
	P2 =	12.18	RAM	1.16	3.11	-2.36	-.00	1.16	1.16	-.01
	T2 =	876	BLEED	.01	-6.09	11.76	-.30	-1.31	.01	2.11
	ERI =	0	POWER	-.01	19.70	-4.65	.35	2.28	-.01	4.86
2.70	NR =	.846	19.8	23500	800	4.17	1525	63.9	289	1422
	P2 =	16.16	RAM	1.19	5.83	-3.63	-.00	1.19	1.19	-.01
	T2 =	955	BLEED	.02	-17.96	32.86	-.32	-1.38	.02	2.04
	ERI =	0	POWER	-.02	45.82	-23.30	.32	2.17	-.02	4.56
3.00	NR =	.809	29.9	30700	-1900	-.750	1579	66.5	340	1254
	P2 =	24.43	RAM	1.24	-.87	2.11	-.00	1.24	1.24	-.01
	T2 =	1083	BLEED	.02	10.48	3.97	-.32	-1.51	.02	1.78
	ERI =	0	POWER	-.01	-17.44	59.91	.40	2.35	-.01	4.26

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 65000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.56	4.65	2614	1102	1690	6660	2180	1.20	522	6.6
	RAM	1.05	1.02	-.02	.00	1.33	1.86	-.93	.04	.00
	BLEED	-.37	2.35	1.12	.00	-.48	-1.52	3.96	.03	.00
	POWER	4.32	22.27	8.19	.00	5.38	16.62	5.48	-.10	.00
1.80	5.43	6.50	3465	1162	1690	10000	2740	1.26	497	6.6
	RAM	1.09	1.08	-.00	.00	1.30	1.88	-.89	.03	.00
	BLEED	-.41	2.50	1.04	.00	-.49	-1.90	4.53	.03	.00
	POWER	3.27	17.61	5.97	.00	3.76	14.00	3.48	-.08	.00
2.00	7.24	7.96	3919	1183	1690	12800	2940	1.33	472	6.6
	RAM	1.10	1.07	-.01	.00	1.29	1.92	-.94	.02	.00
	BLEED	-.44	2.71	.98	.00	-.53	-2.38	5.27	.03	.00
	POWER	2.56	15.72	4.84	.00	3.01	13.29	2.33	-.06	.00
2.30	11.2	10.33	4034	1180	1690	17300	2570	1.57	425	3.0
	RAM	1.13	1.10	-.01	.00	1.30	2.25	-1.29	.01	.00
	BLEED	-.42	3.89	1.05	.00	-.49	-3.34	7.60	.01	.00
	POWER	1.82	14.24	3.40	.00	2.10	14.23	.00	-.02	.00
2.50	14.9	12.26	3957	1187	1690	21100	2090	1.89	395	.0
	RAM	1.16	1.11	-.01	.00	1.31	2.71	-1.84	.01	.00
	BLEED	-.47	4.59	.96	.00	-.54	-5.51	11.01	.01	.00
	POWER	1.54	14.61	2.87	.00	1.75	17.81	-2.95	-.01	.00
2.70	19.8	13.99	3332	1182	1690	24500	990	3.36	356	.0
	RAM	1.18	1.14	-.00	-.00	1.34	4.93	-3.04	.01	.00
	BLEED	-.50	6.05	.88	.00	-.58	-14.55	26.35	.02	.00
	POWER	1.32	17.09	2.46	.00	1.49	37.12	-16.85	-.02	.00
3.00	29.9	16.30	1424	1165	1690	29000	-1650	-.860	295	.0
	RAM	1.24	1.15	-.00	-.00	1.39	-1.33	2.66	.01	.00
	BLEED	-.61	15.07	.70	.00	-.67	12.17	2.45	.02	.00
	POWER	.99	37.24	1.90	.00	1.14	-20.25	63.98	-.01	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR =	.971	3.57	4270	6690	2.35	1239	24.3	90	1765
	P2 =	2.92	RAM	1.07	1.53	-.43	-.01	1.06	1.07	.00
	T2 =	624	BLEED	.06	-8.46	-1.91	-.51	-1.85	.06	.00
	ERI =	19	POWER	-.04	-34.73	-18.12	.26	1.04	-.04	.04
2.00	NR =	.925	7.25	9020	11400	2.41	1404	38.1	143	1842
	P2 =	5.93	RAM	1.10	1.44	-.55	-.00	1.11	1.10	-.00
	T2 =	774	BLEED	.34	-4.99	-.93	-.55	-2.06	.34	-.00
	ERI =	19	POWER	.94	-10.72	-8.96	.11	.50	.94	.00
2.50	NR =	.870	14.9	16000	15500	2.12	1565	53.6	202	1979
	P2 =	12.20	RAM	1.15	1.37	-.30	-.00	1.16	1.15	-.00
	T2 =	963	BLEED	1.68	-1.76	2.98	-.50	-2.18	1.68	.00
	ERI =	1	POWER	2.98	.23	3.59	.07	.31	2.98	.00
2.80	NR =	.834	22.8	22000	17800	2.12	1648	60.8	249	2042
	P2 =	18.64	RAM	1.20	1.41	-.23	-.00	1.21	1.20	-.00
	T2 =	1095	BLEED	.40	-2.43	2.25	-.55	-2.33	.40	.01
	ERI =	1	POWER	.54	-.40	1.50	.04	.21	.54	.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.23	15723	3060	2402	11100	6790	2.32	497	3.0
	RAM	1.08	1.13	.03	.00	1.35	1.53	-.43	.04	.00
	BLEED	-4.08	-10.12	-5.30	-.09	-5.15	-8.43	-1.94	.06	.00
	POWER	-16.96	-51.72	-27.49	-.23	-21.27	-34.61	-18.25	-.04	.00
2.00	7.25	8.89	27405	3387	2380	20800	11800	2.33	432	.0
	RAM	1.09	.93	.08	.04	1.33	1.50	-.61	.02	.00
	BLEED	-2.82	-5.84	-2.33	.56	-2.72	-5.06	-.85	.34	.00
	POWER	-7.56	-19.40	-7.66	2.94	-5.75	-10.87	-8.81	.94	.00
2.50	14.9	16.15	32716	3400	1865	32100	16100	2.04	332	.0
	RAM	1.17	1.09	.00	-.02	1.29	1.44	-.37	.00	.00
	BLEED	-2.97	1.13	.00	3.67	.28	-1.11	2.29	1.68	.00
	POWER	-5.09	3.82	.00	7.96	2.35	1.72	2.09	2.98	.00
2.80	22.8	21.95	37817	3400	1690	40800	18700	2.02	285	.0
	RAM	1.21	1.16	-.00	-.01	1.34	1.50	-.31	.00	.00
	BLEED	-2.68	-.27	.00	2.09	-.89	-2.41	2.22	.40	.00
	POWER	-3.89	1.09	.00	4.34	.13	-.35	1.45	.54	.00

GEI 84218

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR =	.971	3.57	4270	6410	2.25	1239	24.3	90	1765
	P2 =	2.92	RAM	1.07	1.40	-.59	-.01	1.06	1.07	.00
	T2 =	624	BLEED	.06	-5.80	.92	-.51	-1.85	.06	.00
	ERI =	19	POWER	-.04	-11.75	4.70	.26	1.04	-.04	.04
2.00	NR =	.925	7.25	9020	9860	2.10	1404	38.1	143	1842
	P2 =	5.93	RAM	1.10	1.44	-.53	-.00	1.11	1.10	-.00
	T2 =	774	BLEED	.34	-3.72	2.24	-.55	-2.06	.34	-.00
	ERI =	19	POWER	.94	-3.46	4.29	.11	.50	.94	.00
2.50	NR =	.870	14.9	16000	13900	1.99	1565	53.6	202	1979
	P2 =	12.20	RAM	1.15	1.35	-.33	-.00	1.16	1.15	-.00
	T2 =	963	BLEED	1.68	-3.38	1.71	-.50	-2.18	1.68	.00
	ERI =	0	POWER	2.98	-.59	1.23	.07	.31	2.98	.00
2.80	NR =	.834	22.8	22000	15200	2.00	1648	60.8	249	2042
	P2 =	18.64	RAM	1.20	1.37	-.26	-.00	1.21	1.20	-.00
	T2 =	1095	BLEED	.40	-3.95	2.17	-.55	-2.33	.40	.01
	ERI =	0	POWER	.54	-.96	1.52	.04	.21	.54	.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.26	14446	2932	2329	10800	6510	2.22	497	3.0
	RAM 1.10	.85	-.12	-.11	1.27	1.40	-.59	.04	.00	
	BLEED -4.43	-4.97	-2.52	2.06	-3.54	-5.90	1.02	.06	.00	
	POWER-19.84	-7.15	-4.46	17.05	-7.73	-12.77	5.75	-.04	.00	
2.00	7.25	9.02	20702	2974	2164	19200	10200	2.04	432	.0
	RAM 1.10	.95	.03	.01	1.30	1.47	-.56	.02	.00	
	BLEED -2.93	-1.61	-1.09	1.65	-1.79	-3.68	2.19	.34	.00	
	POWER -8.09	.79	-1.42	8.06	-1.25	-3.20	4.03	.94	.00	
2.50	14.9	16.26	27568	3103	1755	30300	14300	1.93	332	.0
	RAM 1.17	1.04	-.03	-.04	1.28	1.42	-.40	.00	.00	
	BLEED -2.81	-1.76	-1.58	2.51	-.67	-3.29	1.61	1.68	.00	
	POWER -4.86	.64	-1.75	6.63	1.30	-.57	1.22	2.98	.00	
2.80	22.8	22.09	30383	3034	1570	38000	16000	1.90	285	.0
	RAM 1.21	1.09	-.03	-.03	1.31	1.47	-.35	.00	.00	
	BLEED -2.61	-1.91	-.88	1.49	-1.41	-3.91	2.12	.40	.00	
	POWER -3.82	.55	-.32	4.06	-.05	-.87	1.43	.54	.00	

GEI 84218

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
1.50	NR =	.971	3.57	4270	5100	1.89	1239	24.3	90	1765
	P2 =	2.92	RAM	1.07	1.43	-.57	-.01	1.06	1.07	.00
	T2 =	624	BLEED	.06	-4.35	3.28	-.51	-1.85	.06	.00
	ERI =	19	POWER	-.04	-8.94	11.07	.26	1.04	-.04	.04
2.00	NR =	.925	7.25	9020	7670	1.82	1404	38.1	143	1842
	P2 =	5.93	RAM	1.10	1.56	-.61	-.00	1.11	1.10	-.00
	T2 =	774	BLEED	.34	-4.17	2.73	-.55	-2.06	.34	-.00
	ERI =	19	POWER	.94	-3.08	4.11	.11	.50	.94	.00
2.50	NR =	.870	14.9	16000	10500	1.78	1565	53.6	202	1979
	P2 =	12.20	RAM	1.15	1.50	-.47	-.00	1.16	1.15	-.00
	T2 =	963	BLEED	1.68	-4.06	2.49	-.50	-2.18	1.68	.00
	ERI =	0	POWER	2.98	-.97	1.80	.07	.31	2.98	.00
2.80	NR =	.834	22.8	22000	11400	1.80	1648	60.8	249	2042
	P2 =	18.64	RAM	1.20	1.50	-.36	-.00	1.21	1.20	-.00
	T2 =	1095	BLEED	.40	-4.76	3.11	-.55	-2.33	.40	.01
	ERI =	0	POWER	.54	-1.10	1.85	.04	.21	.54	.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.38	9650	2321	1992	9450	5180	1.86	497	6.6
	RAM	1.09	.90	-.10	-.08	1.27	1.44	-.58	.04	.00
	BLEED	-4.51	-1.28	-.45	3.41	-2.30	-4.25	3.17	.06	.00
	POWER	-19.36	1.95	.24	19.35	-4.64	-8.42	10.53	-.04	.00
2.00	7.25	9.20	13999	2378	1870	16800	7830	1.79	432	.0
	RAM	1.10	.99	.04	.02	1.30	1.53	-.58	.02	.00
	BLEED	-2.86	-1.61	-1.05	1.63	-1.74	-4.12	2.68	.34	.00
	POWER	-7.76	.99	-1.32	7.88	-1.09	-3.43	4.46	.94	.00
2.50	14.9	16.45	18722	2516	1540	26800	10800	1.74	332	.0
	RAM	1.17	1.07	-.01	-.03	1.28	1.48	-.45	.00	.00
	BLEED	-2.75	-1.73	-1.56	2.49	-.61	-4.01	2.43	1.68	.00
	POWER	-4.71	.82	-1.69	6.49	1.39	-.96	1.79	2.98	.00
2.80	22.8	22.29	20548	2488	1391	33700	11700	1.75	285	.0
	RAM	1.21	1.12	-.02	-.02	1.32	1.54	-.39	.00	.00
	BLEED	-2.58	-1.87	-.86	1.49	-1.37	-4.71	3.06	.40	.00
	POWER	-3.74	.73	-.32	4.01	-.03	-1.09	1.83	.54	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR =	.971	3.57	4270	4640	1.79	1239	24.3	90	1765
	P2 =	2.92	RAM	1.07	1.14	-.82	-.01	1.06	1.07	.00
	T2 =	624	BLEED	.06	-3.51	3.40	-.51	-1.85	.06	.00
	ERI =	19	POWER	-.04	-7.49	9.21	.26	1.04	-.04	.04
2.00	NR =	.925	7.25	9020	5850	1.64	1404	38.1	143	1842
	P2 =	5.93	RAM	1.10	1.25	-.83	-.00	1.11	1.10	-.00
	T2 =	774	BLEED	.34	-4.07	3.77	-.55	-2.06	.34	-.00
	ERI =	19	POWER	.94	-4.22	5.28	.11	.50	.94	.00
2.50	NR =	.870	14.9	16000	6630	1.64	1565	53.6	202	1979
	P2 =	12.20	RAM	1.15	1.18	-.65	-.00	1.16	1.15	-.00
	T2 =	963	BLEED	1.68	-4.42	4.10	-.50	-2.18	1.68	.00
	ERI =	0	POWER	2.98	-1.17	2.26	.07	.31	2.98	.00
2.80	NR =	.834	22.8	22000	6450	1.72	1648	60.8	249	2042
	P2 =	18.64	RAM	1.20	1.20	-.56	-.00	1.21	1.20	-.00
	T2 =	1095	BLEED	.40	-5.86	5.74	-.55	-2.33	.40	.01
	ERI =	0	POWER	.54	-1.58	2.70	.04	.21	.54	.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.42	8313	2128	1886	9010	4740	1.75	497	6.6
	RAM 1.12	.36	-.43	-.29	1.10	1.14	-.82	.04	.00	
	BLEED -4.50	-.29	.12	3.75	-1.97	-3.81	3.73	.06	.00	
	POWER-19.04	1.59	-.09	18.91	-4.70	-8.90	10.66	-.04	.00	
2.00	7.25	9.33	9591	1936	1650	15000	5990	1.60	432	3.0
	RAM 1.12	.47	-.26	-.16	1.14	1.21	-.78	.02	.00	
	BLEED -2.86	-.53	-.42	1.97	-1.37	-3.93	3.62	.34	.00	
	POWER -7.54	1.00	-1.31	7.64	-1.02	-3.96	5.01	.94	.00	
2.50	14.9	16.65	10866	1916	1313	22900	6900	1.57	332	.0
	RAM 1.18	.57	-.26	-.17	1.15	1.15	-.61	.00	.00	
	BLEED -2.72	-.59	-.92	2.87	-.19	-4.54	4.24	1.68	.00	
	POWER -4.55	1.07	-1.59	6.50	1.53	-1.32	2.91	2.98	.00	
2.80	22.8	22.52	11100	1883	1185	28800	6730	1.65	285	.0
	RAM 1.22	.60	-.23	-.14	1.19	1.15	-.52	.00	.00	
	BLEED -2.57	-.62	-.30	1.79	-1.03	-5.72	5.57	.40	.00	
	POWER -3.66	1.11	-.33	3.90	-.01	-1.80	2.93	.54	.00	

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO		P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR = .971	3.57	4270	2180	1.29	1239	24.3	90	1765
	P2 = 2.92	RAM	1.07	2.18	-1.26	-.01	1.06	1.07	.00
	T2 = 624	BLEED	.06	-6.33	6.06	-.51	-1.85	.06	.00
	ERI = 0	POWER	-.04	-9.77	14.73	.26	1.04	-.04	.04
2.00	NR = .925	7.25	9020	3070	1.33	1404	38.1	143	1842
	P2 = 5.93	RAM	1.10	1.93	-.91	-.00	1.11	1.10	-.00
	T2 = 774	BLEED	.34	-6.89	6.32	-.55	-2.06	.34	-.00
	ERI = 0	POWER	.94	-5.49	7.95	.11	.50	.94	.00
2.50	NR = .870	14.9	16000	3460	1.55	1565	53.6	202	1979
	P2 =12.20	RAM	1.15	1.93	-.85	-.00	1.16	1.15	-.00
	T2 = 963	BLEED	1.68	-8.57	8.47	-.50	-2.18	1.68	.00
	ERI = 0	POWER	2.98	-2.58	4.80	.07	.31	2.98	.00
2.80	NR = .834	22.8	22000	3180	1.76	1648	60.8	249	2042
	P2 =18.64	RAM	1.20	2.44	-1.11	-.00	1.21	1.20	-.00
	T2 = 1095	BLEED	.40	-12.11	13.28	-.55	-2.33	.40	.01
	ERI = 0	POWER	.54	-3.71	5.99	.04	.21	.54	.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.59	2813	1251	1379	6760	2490	1.13	497	6.6
	RAM	1.09	1.06	-.00	-.02	1.31	1.73	-.73	.04	.00
	BLEED	-4.25	-.85	-.42	3.17	-2.15	-5.93	5.58	.06	.00
	POWER	-17.88	4.71	-.12	17.64	-4.21	-11.36	16.41	-.04	.00
2.00	7.25	9.50	4091	1340	1334	12300	3250	1.26	432	6.6
	RAM	1.10	1.11	.00	.00	1.28	1.77	-.72	.02	.00
	BLEED	-2.78	-1.23	-.67	1.76	-1.47	-6.48	5.81	.34	.00
	POWER	-7.28	2.34	-.82	7.65	-.66	-5.10	7.55	.94	.00
2.50	14.9	16.80	5366	1475	1133	19800	3780	1.42	332	3.0
	RAM	1.17	1.16	.01	-.01	1.29	1.87	-.78	.00	.00
	BLEED	-2.66	-1.19	-1.00	2.76	-.21	-8.22	8.02	1.68	.00
	POWER	-4.45	2.17	-1.13	6.62	1.84	-2.98	5.22	2.98	.00
2.80	22.8	22.65	5600	1524	1053	25500	3500	1.60	285	.0
	RAM	1.21	1.20	.00	-.01	1.33	2.12	-.84	.00	.00
	BLEED	-2.54	-1.24	-.52	1.65	-1.14	-10.88	11.53	.40	.00
	POWER	-3.61	2.19	-.24	3.92	.06	-2.99	5.25	.54	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
1.50	NR =	.971	3.57	4270	2180	1.29	1239	24.3	90	1765
	P2 =	2.92	RAM	1.07	2.18	-1.26	-.01	1.06	1.07	.00
	T2 =	624	BLEED	.06	-6.33	6.06	-.51	-1.85	.06	.00
	ERI =	0	POWER	-.04	-9.77	14.73	.26	1.04	-.04	.04
2.00	NR =	.925	7.25	9020	3070	1.33	1404	38.1	143	1842
	P2 =	5.93	RAM	1.10	1.93	-.91	-.00	1.11	1.10	-.00
	T2 =	774	BLEED	.34	-6.89	6.32	-.55	-2.06	.34	-.00
	ERI =	0	POWER	.94	-5.49	7.95	.11	.50	.94	.00
2.50	NR =	.870	14.9	16700	2700	1.67	1555	51.8	211	1825
	P2 =	12.20	RAM	1.16	2.22	-1.21	-.00	1.16	1.16	-.01
	T2 =	963	BLEED	.06	-4.21	7.97	-.36	-1.42	.06	1.96
	ERI =	0	POWER	-.20	14.76	-.12	.48	2.66	-.20	5.36
2.80	NR =	.834	22.8	22500	930	3.49	1620	55.4	254	1662
	P2 =	18.64	RAM	1.20	5.32	-3.29	-.00	1.20	1.20	-.01
	T2 =	1095	BLEED	.02	-16.56	28.90	-.42	-1.52	.02	1.91
	ERI =	0	POWER	-.03	43.50	-20.56	.47	2.63	-.03	5.21

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 9.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	5.59	2813	1251	1379	6760	2490	1.13	497	6.6
	RAM	1.09	1.06	-.00	-.02	1.31	1.73	-.73	.04	.00
	BLEED	-4.25	-.85	-.42	3.17	-2.15	-5.93	5.58	.06	.00
	POWER	-17.88	4.71	-.12	17.64	-4.21	-11.36	16.41	-.04	.00
2.00	7.25	9.50	4091	1340	1334	12300	3250	1.26	432	6.6
	RAM	1.10	1.11	.00	.00	1.28	1.77	-.72	.02	.00
	BLEED	-2.78	-1.23	-.67	1.76	-1.47	-6.48	5.81	.34	.00
	POWER	-7.28	2.34	-.82	7.65	-.66	-5.10	7.55	.94	.00
2.50	14.9	15.24	4501	1378	1249	19600	2960	1.52	346	3.0
	RAM	1.16	1.14	-.00	.00	1.30	2.08	-1.05	.01	.00
	BLEED	-.47	3.25	.83	.00	-.54	-3.93	7.64	.06	.00
	POWER	1.74	14.64	3.44	.00	1.91	13.80	.79	-.20	.00
2.80	22.8	18.06	3259	1341	1249	23700	1220	2.67	291	.0
	RAM	1.20	1.16	-.00	-.00	1.34	3.83	-2.25	.01	.00
	BLEED	-.53	5.17	.76	.00	-.62	-12.60	21.90	.02	.00
	POWER	1.50	19.42	2.77	.00	1.67	33.04	-12.05	-.03	.00

CEI 94219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
1.50	NR =	.971	3.57	4270	1750	1.41	1231	23.6	90	1622
	P2 =	2.92	RAM	1.07	2.42	-1.59	-.01	1.05	1.07	-.02
	T2 =	624	BLEED	.04	-1.94	4.46	-.34	-1.16	.04	2.10
	ERI =	0	POWER	-.13	22.56	1.99	1.17	5.48	-.13	12.59
2.00	NR =	.925	7.25	9100	2050	1.54	1388	36.1	144	1598
	P2 =	5.93	RAM	1.11	2.27	-1.35	-.00	1.10	1.11	-.01
	T2 =	774	BLEED	.02	-2.58	6.30	-.24	-1.16	.02	2.26
	ERI =	0	POWER	-.04	18.61	.59	.74	3.77	-.04	8.10
2.50	NR =	.870	14.9	16900	660	4.03	1533	47.6	214	1473
	P2 =	12.20	RAM	1.16	5.25	-5.60	-.00	1.16	1.16	-.01
	T2 =	963	BLEED	.02	-15.79	28.06	-.32	-1.39	.02	2.05
	ERI =	0	POWER	-.02	53.56	-26.72	.43	2.88	-.02	5.98
2.80	NR =	.834	22.8	22500	-1240	-1.095	1593	50.4	254	1319
	P2 =	18.64	RAM	1.20	-1.80	3.23	-.00	1.20	1.20	-.01
	T2 =	1095	BLEED	.02	11.98	.15	-.36	-1.54	.02	1.83
	ERI =	0	POWER	-.02	-29.27	80.73	.57	3.16	-.02	6.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.11.0 JANUARY 1964

STANDARD DAY + 40 F PRESSURE ALTITUDE 65000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.50	3.57	4.68	2476	1178	1587	6270	2000	1.24	498	6.6
	RAM	1.06	1.02	-.02	.00	1.33	1.89	-.96	.04	.00
	BLEED	-.39	2.38	1.09	.00	-.49	-1.61	4.09	.04	.00
	POWER	4.74	24.63	8.88	.00	5.84	18.57	5.86	-.13	.00
2.00	7.25	7.56	3142	1208	1587	11300	2150	1.46	436	6.6
	RAM	1.10	1.07	-.01	.00	1.30	2.13	-1.18	.03	.00
	BLELD	-.38	3.48	1.12	.00	-.45	-2.44	6.14	.02	.00
	POWER	2.78	19.24	5.28	.00	3.34	17.59	1.57	-.04	.00
2.50	14.9	11.18	2669	1207	1587	17800	870	3.07	351	3.0
	RAM	1.16	1.12	-.01	.00	1.32	4.48	-4.34	.01	.00
	BLEED	-.51	5.62	.88	.00	-.58	-12.24	21.87	.02	.00
	POWER	1.77	21.50	3.27	.00	2.01	41.52	-17.33	-.02	.00
2.80	22.8	13.24	1356	1197	1587	21500	-1030	-1.320	292	.0
	RAM	1.20	1.13	-.00	-.00	1.36	-2.13	3.66	.01	.00
	BLEED	-.59	12.15	.72	.00	-.67	14.46	-1.90	.02	.00
	POWER	1.45	42.63	2.74	.00	1.66	-35.33	89.83	-.02	.00

14. 75000 FEET

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
2.50	NR =	.870	14.9	11100	11600	2.20	1509	39.2	147	1939
	P2 =	7.55	RAM	1.16	1.33	-.36	-.00	1.17	1.16	-.00
	T2 =	887	BLEED	1.10	-1.96	3.10	-.49	-2.13	1.10	-.00
	ERI =	1	POWER	3.10	-.19	5.44	.12	.56	3.10	-.01
2.70	NR =	.846	19.8	13500	12800	2.11	1567	43.5	165	1981
	P2 =	10.02	RAM	1.18	1.36	-.28	-.00	1.20	1.18	-.00
	T2 =	967	BLEED	1.64	-1.88	3.34	-.50	-2.19	1.64	.00
	ERI =	1	POWER	3.52	-.08	5.21	.07	.37	3.52	.00
3.00	NR =	.809	29.9	18300	14500	2.13	1649	49.1	202	2042
	P2 =	15.16	RAM	1.24	1.38	-.20	-.00	1.25	1.24	-.00
	T2 =	1097	BLEED	.40	-2.35	2.18	-.55	-2.34	.40	.01
	ERI =	1	POWER	.67	-.34	1.80	.05	.25	.67	.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 1.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
2.50	14.9	17.01	25494	3400	2069	23500	12400	2.06	373	.0
	RAM	1.18	.99	.00	-.03	1.29	1.41	-.46	.01	.00
	BLEED	-3.14	1.05	.00	3.28	-.27	-1.50	2.61	1.10	.00
	POWER	-7.83	5.24	.00	10.78	2.21	1.41	3.82	3.10	.00
2.70	19.8	21.25	26979	3400	1865	27000	13500	1.99	330	.0
	RAM	1.20	1.06	-.00	-.02	1.31	1.45	-.36	.00	.00
	BLEED	-2.94	1.36	.00	3.61	.31	-1.02	2.42	1.64	.00
	POWER	-6.15	5.12	.00	9.56	2.89	2.26	2.84	3.52	.00
3.00	29.9	28.63	30869	3400	1693	34000	15600	1.97	284	.0
	RAM	1.25	1.17	-.00	-.01	1.37	1.51	-.32	.01	.00
	BLEED	-2.68	-.25	.00	2.09	-.85	-2.33	2.15	.40	.00
	POWER	-4.81	1.45	.00	5.37	.23	-.29	1.74	.67	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO		P2/PO	FD	FN	SFC	TE	PE	W2	TC
2.50	NR = .870	14.9	11100	10400	2.02	1509	39.2	147	1939
	P2 = 7.55	RAM	1.16	1.34	-.35	-.00	1.17	1.16	-.00
	T2 = 887	BLEED	1.10	-3.73	2.18	-.49	-2.13	1.10	-.00
	ERI = 0	POWER	3.10	-2.99	3.93	.12	.56	3.10	-.01
2.70	NR = .846	19.8	13500	11500	1.99	1567	43.5	165	1981
	P2 =10.02	RAM	1.18	1.36	-.29	-.00	1.20	1.18	-.00
	T2 = 967	BLEED	1.64	-3.48	1.84	-.50	-2.19	1.64	.00
	ERI = 0	POWER	3.52	-.90	1.66	.07	.37	3.52	.00
3.00	NR = .809	29.9	18300	12500	2.01	1649	49.1	202	2042
	P2 =15.16	RAM	1.24	1.35	-.23	-.00	1.25	1.24	-.00
	T2 = 1097	BLEED	.40	-3.87	2.12	-.55	-2.34	.40	.01
	ERI = 0	POWER	.67	-1.14	1.81	.05	.25	.67	.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 2.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
2.50	14.9	17.15	21096	3083	1933	22100	11000	1.92	373	.0
	RAM	1.18	1.01	-.02	-.04	1.28	1.41	-.44	.01	.00
	BLEED	-2.97	-1.67	-1.38	2.26	-1.11	-3.34	1.76	1.10	.00
	POWER	-7.46	.90	-2.17	9.14	.89	-1.35	2.26	3.10	.00
2.70	19.8	21.38	22907	3117	1759	25600	12100	1.89	330	.0
	RAM	1.20	1.04	-.01	-.03	1.31	1.44	-.37	.00	.00
	BLEED	-2.79	-1.73	-1.61	2.43	-.68	-3.26	1.61	1.64	.00
	POWER	-5.88	.76	-2.22	7.89	1.53	-.69	1.45	3.52	.00
3.00	29.9	28.80	25113	3056	1579	31800	13400	1.87	284	.0
	RAM	1.26	1.10	-.04	-.03	1.34	1.48	-.35	.01	.00
	BLEED	-2.61	-1.87	-.87	1.49	-1.37	-3.79	2.03	.40	.00
	POWER	-4.72	.66	-.45	4.99	-.03	-.99	1.66	.67	.00

GEI 84219

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
2.50	NR	= .870	14.9	11100	8120	1.75	1509	39.2	147	1939
	P2	= 7.55	RAM	1.16	1.47	-.45	-.00	1.17	1.16	-.00
	T2	= 887	BLEED	1.10	-4.17	2.68	-.49	-2.13	1.10	-.00
	ERI	= 0	POWER	3.10	-2.69	3.85	.12	.56	3.10	-.01
2.70	NR	= .846	19.8	13500	8790	1.76	1567	43.5	165	1981
	P2	=10.02	RAM	1.18	1.44	-.34	-.00	1.20	1.18	-.00
	T2	= 967	BLEED	1.64	-4.00	2.44	-.50	-2.19	1.64	.00
	ERI	= 0	POWER	3.52	-1.20	2.19	.07	.37	3.52	.00
3.00	NR	= .809	29.9	18300	9410	1.79	1649	49.1	202	2042
	P2	=15.16	RAM	1.24	1.47	-.31	-.00	1.25	1.24	-.00
	T2	= 1097	BLEED	.40	-4.73	3.11	-.55	-2.34	.40	.01
	ERI	= 0	POWER	.67	-1.55	2.45	.05	.25	.67	.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 3.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
2.50	14.9	17.42	14243	2479	1681	19400	8290	1.72	373	.0
	RAM	1.17	1.05	.00	-.02	1.29	1.47	-.46	.01	.00
	BLEED	-2.90	-1.66	-1.36	2.23	-1.05	-3.94	2.42	1.10	.00
	POWER	-7.18	1.12	-2.10	8.92	1.03	-1.74	2.88	3.10	.00
2.70	19.8	21.64	15457	2519	1540	22500	9040	1.71	330	.0
	RAM	1.20	1.08	.01	-.02	1.31	1.51	-.40	.00	.00
	BLEED	-2.73	-1.71	-1.57	2.42	-.61	-3.98	2.41	1.64	.00
	POWER	-5.69	.98	-2.11	7.74	1.66	-1.12	2.11	3.52	.00
3.00	29.9	29.08	16885	2498	1396	28100	9820	1.72	284	.0
	RAM	1.25	1.14	-.02	-.02	1.35	1.55	-.38	.01	.00
	BLEED	-2.58	-1.85	-.86	1.49	-1.34	-4.60	2.96	.40	.00
	POWER	-4.63	.89	-.44	4.94	.00	-1.24	2.14	.67	.00

GEI 84210

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO			P2/P0	FD	FN	SFC	TE	PE	W2	TC
2.50	NR	= .870	14.9	11100	5980	1.60	1509	39.2	147	1939
	P2	= 7.55	RAM	1.16	1.12	-.66	-.00	1.17	1.16	-.00
	T2	= 887	BLEED	1.10	-3.97	3.66	-.49	-2.13	1.10	-.00
	ERI	= 0	POWER	3.10	-2.64	3.82	.12	.56	3.10	-.01
2.70	NR	= .846	19.8	13500	6090	1.62	1567	43.5	165	1981
	P2	=10.02	RAM	1.18	1.05	-.50	-.00	1.20	1.18	-.00
	T2	= 967	BLEED	1.64	-4.13	3.84	-.50	-2.19	1.64	.00
	ERI	= 0	POWER	3.52	-1.82	3.01	.07	.37	3.52	.00
3.00	NR	= .809	29.9	18300	5930	1.69	1649	49.1	202	2042
	P2	=15.16	RAM	1.24	1.00	-.42	-.00	1.25	1.24	-.00
	T2	= 1097	BLEED	.40	-5.37	5.23	-.55	-2.34	.40	.01
	ERI	= 0	POWER	.67	-2.40	3.65	.05	.25	.67	.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 4.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
2.50	14.9	17.61	9595	2017	1487	17200	6120	1.57	373	.0
	RAM	1.19	.50	-.29	-.19	1.14	1.10	-.64	.01	.00
	BLEED	-2.89	-.53	-.71	2.58	-.66	-3.85	3.52	1.10	.00
	POWER	-6.99	1.16	-2.03	8.76	1.14	-2.43	3.61	3.10	.00
2.70	19.8	21.86	9848	2008	1348	19800	6270	1.57	330	.0
	RAM	1.21	.53	-.26	-.17	1.15	1.08	-.53	.00	.00
	BLEED	-2.71	-.54	-.91	2.81	-.19	-4.13	3.84	1.64	.00
	POWER	-5.54	1.17	-2.02	7.76	1.79	-1.93	3.13	3.52	.00
3.00	29.9	29.34	10024	1967	1216	24500	6180	1.62	284	.0
	RAM	1.26	.56	-.25	-.15	1.21	1.09	-.50	.01	.00
	BLEED	-2.57	-.57	-.27	1.81	-.98	-5.10	4.91	.40	.00
	POWER	-4.54	1.22	-.44	4.81	.02	-1.89	3.13	.67	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
1.80	NR =	.945	5.43	4430	2030	1.21	1273	21.8	81	1765
	P2 =	2.75	RAM	1.10	1.89	-.87	-.01	1.10	1.10	.00
	T2 =	652	BLEED	.05	-6.22	5.96	-.50	-1.87	.05	-.00
	ERI =	0	POWER	-.04	-10.75	16.76	.31	1.26	-.04	.00
2.00	NR =	.925	7.24	5960	2280	1.25	1341	26.3	98	1787
	P2 =	3.67	RAM	1.12	1.83	-.78	-.01	1.11	1.12	.00
	T2 =	712	BLEED	.07	-6.59	6.22	-.53	-1.96	.07	.00
	ERI =	0	POWER	.10	-9.12	13.27	.18	.85	.10	-.08
2.30	NR =	.893	11.2	8830	2710	1.33	1442	33.8	127	1877
	P2 =	5.67	RAM	1.14	1.80	-.71	-.00	1.15	1.14	.00
	T2 =	813	BLEED	.36	-6.92	6.26	-.55	-2.12	.36	-.01
	ERI =	0	POWER	1.11	-4.99	7.74	.12	.57	1.11	.00
2.50	NR =	.870	14.9	11100	2910	1.41	1509	39.2	147	1939
	P2 =	7.55	RAM	1.16	1.95	-.87	-.00	1.17	1.16	-.00
	T2 =	887	BLEED	1.10	-7.58	7.14	-.49	-2.13	1.10	-.00
	ERI =	0	POWER	3.10	-3.05	5.82	.12	.56	3.10	-.01
2.70	NR =	.846	19.8	13500	2930	1.49	1567	43.5	165	1981
	P2 =	10.02	RAM	1.18	2.02	-.75	-.00	1.20	1.18	-.00
	T2 =	967	BLEED	1.64	-8.44	8.27	-.50	-2.19	1.64	.00
	ERI =	0	POWER	3.52	-2.76	5.46	.07	.37	3.52	.00
3.00	NR =	.809	29.9	18300	2680	1.69	1649	49.1	202	2042
	P2 =	15.16	RAM	1.24	2.06	-.75	-.00	1.25	1.24	-.00
	T2 =	1097	BLEED	.40	-11.59	12.51	-.55	-2.34	.40	.01
	ERI =	0	POWER	.67	-3.85	6.64	.05	.25	.67	.02

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S. 5.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.80	5.43	7.94	2467	1260	1415	6560	2140	1.15	485	6.6
	RAM	1.15	1.10	-.00	-.05	1.31	1.73	-.69	.05	.00
	BLEED	-4.57	-.82	-.40	3.51	-2.00	-6.24	5.98	.05	.00
	POWER	-22.19	5.72	.03	22.05	-4.04	-12.33	18.42	-.04	.00
2.00	7.24	9.90	2858	1290	1394	8350	2390	1.20	461	6.6
	RAM	1.13	1.12	.00	-.01	1.29	1.73	-.67	.04	.00
	BLEED	-3.64	-.98	-.48	2.49	-1.76	-6.33	5.90	.07	.00
	POWER	-14.24	3.91	-.48	13.92	-2.38	-8.58	12.71	.10	.00
2.30	11.2	14.15	3600	1371	1299	11700	2850	1.27	411	3.0
	RAM	1.14	1.15	.00	.00	1.29	1.74	-.65	.03	.00
	BLEED	-2.61	-1.31	-.69	1.60	-1.35	-6.65	5.92	.36	.00
	POWER	-7.73	2.65	-.91	8.21	-.36	-4.92	7.67	1.11	.00
2.50	14.9	17.86	4095	1430	1221	14200	3100	1.32	373	.0
	RAM	1.17	1.17	.01	-.01	1.29	1.77	-.66	.01	.00
	BLEED	-2.81	-1.24	-.89	2.41	-.72	-7.26	6.76	1.10	.00
	POWER	-6.77	2.71	-1.37	8.88	1.59	-3.84	6.63	3.10	.00
2.70	19.8	22.10	4348	1475	1132	16600	3110	1.40	330	.0
	RAM	1.20	1.19	.01	-.01	1.31	1.87	-.62	.00	.00
	BLEED	-2.65	-1.21	-.98	2.70	-.20	-8.19	7.96	1.64	.00
	POWER	-5.39	2.66	-1.34	7.95	2.24	-3.32	6.04	3.52	.00
3.00	29.9	29.55	4524	1524	1054	21200	2880	1.57	284	.0
	RAM	1.25	1.24	.00	-.01	1.36	2.09	-.77	.01	.00
	BLEED	-2.54	-1.25	-.52	1.65	-1.11	-10.77	11.34	.40	.00
	POWER	-4.47	2.71	-.30	4.86	.13	-3.34	6.11	.67	.00

CONFIDENTIAL

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.10.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
1.80	NR	= .945	5.43	4430	2030	1.21	1273	21.8	81	1765
	P2	= 2.75	RAM	1.10	1.89	-.87	-.01	1.10	1.10	.00
	T2	= 652	BLEED	.05	-6.22	5.96	-.50	-1.87	.05	-.00
	ERI	= 0	POWER	-.04	-10.75	16.76	.31	1.26	-.04	.00
2.00	NR	= .925	7.24	5960	2280	1.25	1341	26.3	98	1787
	P2	= 3.67	RAM	1.12	1.83	-.78	-.01	1.11	1.12	.00
	T2	= 712	BLEED	.07	-6.59	6.22	-.53	-1.96	.07	.00
	ERI	= 0	POWER	.10	-9.12	13.27	.18	.85	.10	-.08
2.30	NR	= .893	11.2	8830	2710	1.33	1442	33.8	127	1877
	P2	= 5.67	RAM	1.14	1.80	-.71	-.00	1.15	1.14	-.00
	T2	= 813	BLEED	.36	-6.91	6.26	-.55	-2.11	.36	-.00
	ERI	= 0	POWER	1.11	-4.92	7.73	.13	.59	1.11	.04
2.50	NR	= .870	14.9	11200	2780	1.42	1507	38.9	148	1904
	P2	= 7.55	RAM	1.16	1.95	-.88	-.00	1.16	1.16	-.01
	T2	= 887	BLEED	.43	-4.85	6.46	-.39	-1.65	.43	1.21
	ERI	= 0	POWER	-.27	12.50	2.64	.66	3.12	-.27	6.19
2.70	NR	= .846	19.8	14000	2260	1.61	1557	42.0	172	1821
	P2	=10.02	RAM	1.20	2.16	-.90	-.00	1.19	1.20	-.01
	T2	= 967	BLEED	.07	-4.51	8.17	-.37	-1.45	.07	1.89
	ERI	= 0	POWER	-.24	18.47	-.32	.60	3.31	-.24	6.65
3.00	NR	= .809	29.9	18700	880	3.01	1622	44.8	206	1665
	P2	=15.16	RAM	1.25	4.08	-2.39	-.00	1.24	1.25	-.01
	T2	= 1097	BLEED	.02	-14.79	25.39	-.43	-1.56	.02	1.84
	ERI	= 0	POWER	-.03	44.45	-18.57	.56	3.12	-.03	6.17

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.10.0 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO	P2/P0	P8/P0	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.80	5.43	7.94	2467	1260	1415	6560	2140	1.15	485	6.6
	RAM	1.15	1.10	-.00	-.05	1.31	1.73	-.69	.05	.00
	BLEED	-4.57	-.82	-.40	3.51	-2.00	-6.24	5.98	.05	.00
	POWER	-22.19	5.72	.03	22.05	-4.04	-12.33	18.42	-.04	.00
2.00	7.24	9.90	2858	1290	1394	8350	2390	1.20	461	6.6
	RAM	1.13	1.12	.00	-.01	1.29	1.73	-.67	.04	.00
	BLEED	-3.64	-.98	-.48	2.49	-1.76	-6.33	5.90	.07	.00
	POWER	-14.24	3.91	-.48	13.92	-2.38	-8.58	12.71	.10	.00
2.30	11.2	14.15	3600	1370	1299	11700	2840	1.27	411	3.0
	RAM	1.14	1.15	.00	.00	1.29	1.74	-.65	.03	.00
	BLEED	-2.60	-1.30	-.69	1.60	-1.35	-6.64	5.92	.36	.00
	POWER	-7.70	2.71	-.89	8.19	-.34	-4.85	7.66	1.11	.00
2.50	14.9	17.47	3950	1406	1249	14200	2960	1.33	377	.0
	RAM	1.16	1.15	-.00	.00	1.29	1.79	-.70	.02	.00
	BLEED	-1.38	1.14	.20	.91	-.61	-4.56	6.12	.43	.00
	POWER	.68	15.24	4.26	1.32	2.18	11.46	3.65	-.27	.00
2.70	19.8	19.97	3623	1376	1249	16500	2420	1.50	344	.0
	RAM	1.19	1.17	-.00	-.00	1.32	2.07	-.82	.01	.00
	BLEED	-.56	3.10	.78	.00	-.55	-4.16	7.74	.07	.00
	POWER	2.10	18.14	4.25	.00	2.33	17.29	.81	-.24	.00
3.00	29.9	23.61	2651	1343	1249	19800	1060	2.50	290	.0
	RAM	1.25	1.20	-.00	-.00	1.37	3.54	-1.98	.01	.00
	BLEED	-.61	4.97	.72	.00	-.64	-12.35	21.26	.02	.00
	POWER	1.48	23.25	3.28	.00	1.96	37.16	-12.43	-.03	.00

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO			P2/PO	FD	FN	SFC	TE	PE	W2	TC
1.80	NR =	.945	5.43	4430	1570	1.35	1264	21.1	81	1600
	P2 =	2.75	RAM	1.11	2.01	-1.07	-.01	1.09	1.11	-.03
	T2 =	652	BLEED	.03	-2.01	4.61	-.35	-1.19	.03	2.08
	ERI =	0	POWER	-.13	24.62	3.83	1.32	6.20	-.13	14.20
2.00	NR =	.925	7.24	5970	1640	1.44	1329	25.2	98	1587
	P2 =	3.67	RAM	1.12	2.00	-1.03	-.01	1.10	1.12	-.02
	T2 =	712	BLEED	.02	-2.34	5.39	-.31	-1.19	.02	2.12
	ERI =	0	POWER	-.08	23.72	2.24	1.16	5.38	-.08	12.01
2.30	NR =	.893	11.2	8950	1370	1.76	1422	31.2	128	1531
	P2 =	5.67	RAM	1.15	2.45	-1.52	-.00	1.14	1.15	-.01
	T2 =	813	BLEED	.01	-3.81	8.08	-.28	-1.24	.01	2.16
	ERI =	0	POWER	-.03	25.85	-2.12	.62	4.16	-.03	8.98
2.50	NR =	.870	14.9	11500	1010	2.30	1483	35.3	152	1487
	P2 =	7.55	RAM	1.17	3.41	-2.76	-.01	1.16	1.17	-.01
	T2 =	887	BLEED	.01	-6.88	12.96	-.29	-1.31	.01	2.14
	ERI =	0	POWER	-.02	37.05	-11.04	.61	3.83	-.02	8.14
2.70	NR =	.846	19.8	14200	300	6.31	1531	37.9	174	1406
	P2 =	10.02	RAM	1.20	8.78	-5.31	-.00	1.19	1.20	-.01
	T2 =	967	BLEED	.01	-29.77	65.14	-.34	-1.42	.01	2.00
	ERI =	0	POWER	-.03	122.64	-67.39	.57	3.71	-.03	7.79

GENERAL ELECTRIC GE4/F6A ESTIMATED PERFORMANCE

P.S.13.4 JANUARY 1964

STANDARD DAY PRESSURE ALTITUDE 75000 FEET

MO	P2/PO	P8/PO	WFT	T8	A8	FGB	FNB	SFCB	W2K	BTANG
1.80	5.43	6.36	2122	1177	1690	6070	1640	1.30	486	6.6
	RAM	1.09	1.05	-.02	.00	1.32	1.89	-.92	.05	.00
	BLEED	-.38	2.47	1.05	.00	-.49	-1.91	4.50	.03	.00
	POWER	5.03	28.59	9.80	.00	6.20	23.35	5.06	-.13	.00
2.00	7.24	7.74	2348	1187	1690	7670	1710	1.38	462	6.6
	RAM	1.11	1.07	-.02	.00	1.31	1.97	-1.00	.04	.00
	BLEED	-.41	2.86	1.06	.00	-.48	-2.27	5.30	.02	.00
	POWER	4.27	26.06	8.05	.00	5.04	22.96	2.97	-.08	.00
2.30	11.2	10.08	2422	1185	1690	10400	1480	1.64	417	3.0
	RAM	1.15	1.12	-.00	.00	1.32	2.36	-1.41	.03	.00
	BLEED	-.45	3.82	1.03	.00	-.50	-3.63	7.88	.01	.00
	POWER	2.89	23.59	5.60	.00	3.47	24.66	-1.01	-.03	.00
2.50	14.9	11.91	2317	1186	1690	12600	1120	2.06	387	.0
	RAM	1.17	1.12	-.01	.00	1.33	2.93	-2.12	.02	.00
	BLEED	-.48	4.74	.97	.00	-.53	-6.11	11.95	.01	.00
	POWER	2.48	24.85	4.74	.00	2.91	32.94	-7.39	-.02	.00
2.70	19.8	13.54	1891	1178	1690	14600	420	4.55	348	.0
	RAM	1.20	1.14	-.00	-.00	1.35	6.66	-4.14	.02	.00
	BLEED	-.54	6.28	.84	.00	-.60	-21.59	41.21	.01	.00
	POWER	2.22	30.45	4.12	.00	2.50	88.93	-46.17	-.03	.00

SUPPLEMENTARY

INFORMATION

AD-377 960

VOLUME E-IV (F)

PAGE 5-2:

The abscissa scale on the Inlet Total Temperature versus Inlet Total Pressure diagram is mislabeled by a factor of two and should read "0, 200, 400, 600, 800, 1000, 1200" instead of "200, 400, 600, 800, 1000, 1200, blank" as shown.