Arkansas Power and Light Company

Arkansas Nuclear One

Unit No. 1
Docket Number 50-313

REACTOR CONTAINMENT BUILDING

INTEGRATED LEAKAGE RATE TEST REPORT

May 8, 1978

Submitted to

The United States Nuclear Regulatory Commission

Pursuant to

Facility Operating License No. DPR-51

212

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TABLE OF CONTENTS

I. INTRODUCTION

The reactor containment building Integrated Leakage Rate Test (ILRT) is performed to assure that leakage through the primary reactor containment and systems and components penetrating primary containment shall not exceed the allowable leakage rate value as specified in the Plant Technical Specifications or associated bases.

Actual leakage is calculated from measured values of total absolute pressure, drybulb temperature and dewpoint temperature (water vapor pressure). Formulas used are from ANSI N45.4, "Leakage Rate Testing of Containment Structures for Nuclear Reactors" and ANSI N274 (Draft), "Primary Containment System Leakage Testing Requirements".

A twenty-four hour test was conducted. The test results met the acceptance criteria of ANSI N274 and 10CFR50, Appendix J, "Reactor Containment Leakage Testing for Water Cooled Power Reactors".

The ILRT was conducted at reduced test pressure, Pt. The results are reported herein in accordance with 10CFR50, Appendix J.

II. TEST SYNOPSIS

A successful periodic containment integrated leakage rate test (ILRT) was conducted on the Arkansas Nuclear One, Unit 1 containment during the period of March 10, 1978 through March 12, 1978.

The ILRT was conducted at reduced test pressure (Pt=30 psig). The maximum allowable leakage rate (La) for the containment is 0.2% per day of contained air at a peak test pressure (Pa) of 59 psig. At reduced test pressure (Pt) the maximum allowable leakage rate (Lt) is determined by multiplying the ratio of the preoperational leakage rates times La. For the preoperational ILRT, Lam was 0.0815%/day and Ltm was 0.0292%/day. Therefore, Lt=La (Ltm/Lam) = 0.2 (0.0292/0.0815 = 0.0717%/day. To allow for possible deterioration of the containment boundary between periodic ILRT's, the calculated leakage rate cannot exceed 75% of the maximum allowable leakage rate value (per Appendix J to 10 CFR50, "Primary Reactor Containment Leakage Testing for Water Cooled Power Reactors"). Therefore, the maximum operational leakage rate for the reduced pressure ILRT is 0.054% per day. The calculated leakage rate for this ILRT at reduced test pressure was well within specification and is reported in Section III.

Two pipe penetrations through the containment building wall were not included in the scope of the ILRT:
(1) plant heating system water supply to the containment, and (2) return from the containment. Both penetrations were local leak rate tested following completion of ILRT. Results of the local leak rate test of these penetrations are included in Section III.G of this test report.

During pressurization, leakage from the containment into the north steam generator was noted. A containment entry was made and the source of the leakage was discovered to be a loose blank on an emergency feedwater opening. The leakage was stopped and leak surveys detected no additional leaks.

The test was conducted for 24 hours. A short duration test could not be conducted due to oscillations of the dewpoint temperature sensors which caused the calculated leakage rate 95% confidence limits to exceed the acceptance criteria for a short duration ILRT.

Following the ILRT a verification test was performed which confirmed proper overall integrated leakage rate measurement system operation and verified that leakage of a magnitude equivalent to the maximum allowable leakage rate can accurately be measured.

The leakage rate calculations are in accordance with the Total-Time Method as recommended by Appendix J to 10CFR50 as defined in ANSI N45.4-1972, "Leakage Rate Testing of Containment Structures for Nuclear Reactors", and the Mass-Point Method, using formulas from the 1978 draft standard of ANSI N274 "Containment System Leakage Testing Requirements".

III. TEST DATA SUMMARY

A. Plant Information

Owner:	Arkansas Power & Light Company
Plant:	Arkansas Nuclear One, Unit 1
Location:	Russellville, Arkansas
Type:	PWR
Date Test Completed:	March 12, 1978

B. Technical Data

1.	Containment net free air volume	1,910,000 ft^3
2.	Design pressure	59 psig
3.	Calculated peak accident pressure	59 psig
4.	Reduced test pressure	30 psig
5.	Containment temperature limits for ILRT	60-120^{o}F

C. Test Data - Type A Test

1.	Test method	Absolute
2.	Data Analysis Technique	Mass-Point and Leakage Rate Point (Total-Time)
3.	Test pressure	30 psig
4.	Maximum Allowable Leakage Rate (La) at peak test pressure	0.2%/day
5.	Maximum Allowable Leakage Rate (Lt) at reduced test pressure	0.0717%/day

6. 75% of Lt — 0.054%/day

7. Calculated Leakage Rate:

	Leakage Rate (%/Day)	Upper 95% Confidence Limit
a. Mass point method	0.009	0.014
b. Leakage rate point method (total-time)	0.012	0.069

8. Verification Test - Imposed Leakage Rate (corrected for temperature and pressure at the flowmeter), Li — %/day: 0.072

9. Verification Test

a. Upper limit (Li + Lam + 0.25 La)

i) Mass point — 0.099
ii) Total time — 0.102

b. Verification Test Measured Leakage Rate, Lvm

i) Mass point method — 0.078
ii) Total time — 0.080

c. Lower Limit (Li + Lam - 0.25 La)

i) Mass point — 0.063
ii) Total time — 0.066

10. Report Printouts

Attached are the Report Printouts for the ILRT and the ILRT Verification test. Printouts are provided for the Mass-Point and Leakage Rate Point (Total-Time) Analysis. Information provided on Report Printouts includes: containment average temperature and absolute air pressure for each data set; calculated leakage rate at the upper 95% confidence limit; measured leakage rates; contained mass for each data set; and, regression line slope and intercept (mass-point).

D. Test Equipment - Type A Test

1. Pressure (1)

a. Texas Instruments Precision Pressure Gage
Model 145-02, Range C
Bourdon Tube Type 2

Range:	0-100 psia
Accuracy:	± 0.010% of reading
Repeatability:	± 0.0005% of full scale or ± 0.0005 psia

b. Calibration date: 12/2/77

2. Drybulb Temperature (18)

a. Leeds and Northrup Resistance Thermometer Model 177586, 100 ohm copper

Range:	0-150°F
Accuracy:	± 0.5°F
Repeatability:	± 0.1°F

b. Calibration date: 12/21/77

3. Dewpoint Temperature (6)

a. CTE
Dewprobe Assembly, Model 6MA-2-AH

Range:	30-130°F
Accuracy:	± 0.7°F

b. Calibration date: 12/20/77

4. Data Acquisition System and Readout

Leeds and Northrup Data Acquisition System Model LN-41400-1

Range:	0-150°F; 0-100.000 psia
Resolution:	0.01°F; 0.001 psia
Conformity:	± 0.01°F ± 0.001 psia

5. Overall Instrumentation Selection Guideline (ISG) Value

a. To determine the maximum uncertainty interval or repeatability error band the following Instrumentation Selection Guideline (ISG) formula is used:

$$ISG = \pm 100 \frac{24}{t_n - t_1} \sqrt{2\left(\frac{ep}{P}\right)^2 + 2\left(\frac{eP_v}{P}\right)^2 + 2\left(\frac{eT}{T}\right)^2}$$

where:

$$ep = \frac{\text{absolute pressure measurement error}}{\sqrt{\text{number of sensors}}}$$

$$eP_v = \frac{\text{water vapor pressure (dewpoint) measurement error}}{\sqrt{\text{number of sensors}}}$$

$$eT = \frac{\text{absolute temperature measurement error}}{\sqrt{\text{number of sensors}}}$$

b. For Arkansas Nuclear One, Unit 1, the measurement repeatability or accuracy errors for the sensors are as follows:

1) Texas Instrument Absolute Pressure Gauges (repeatability $\pm$ 0.0005% of full scale or $\pm$ 0.0005 psia

2) CTE Dewpoint Temperature (Water Vapor Pressure) System (accuracy) $\pm$ 0.7°F

3) L&N Resistance Temperature Detector System (repeatability) $\pm$ 0.1°F

c. Reduced Pressure ILRT

1) Containment conditions during the ILRT:

P = 45.3 psia

P_v = 0.18 psia (50°F dewpoint)

T = 524.3°R

$$ep = \frac{0.0005\% \text{ (100 psia)}}{\sqrt{1}} = \pm 0.0005 \text{ psia}$$

$$eP_v = \frac{0.7^\circ\text{F } (0.007 \text{ psia}/^\circ\text{F})^*}{\sqrt{6}} = 0.002 \text{ psia}$$

$$eT = \frac{\pm 0.1^\circ\text{F}}{\sqrt{18}} = \pm 0.0236^\circ\text{F}$$

$t_n - t_1 = 24$ hours

2) Therefore:

$$ISG = \pm 100 \frac{24}{24}\sqrt{2\left(\frac{0.0005}{45.3}\right)^2 + 2\left(\frac{0.002}{45.3}\right)^2 + 2\left(\frac{0.0236}{524.3}\right)^2}$$

$ISG = \pm 0.00\%$/day

*From Steam Tables at a dewpoint temperature range of 49-51°F

6. Drybulb and Dewpoint Temperature Sensor Locations

a. Dewpoint Temperature

Sensor	Elev. (ft.)	Azimuth (Deg.)	Distance from Center (ft).	Volume Fraction
1	348	190	33	0.140
2	381	270	44	0.140
3	445	On stair to elev. mach. room		0.180
4	486	Catwalk		0.180
5	486	Catwalk		0.180
6	486	Catwalk		0.180
				1.000

b. Drybulb Temperature

RTD

1	348	040	32	0.054
2	348	190	33	0.064
3	342	275	38	0.027
4	382	210	53	0.027
5	381	270	44	0.070
6	382	330	54	0.029
7	340	060	55	0.010
8	407	035	55	0.021
9	407	150	53	0.021
10	418	180	35	0.027
11	481	020	38	0.027
12	481	Catwalk		0.089
13	481	Catwalk		0.089
14	481	Catwalk		0.089
15	481	Catwalk		0.089
16	481	Catwalk		0.089
17	481	Catwalk		0.089
18	481	Catwalk		0.089
				1.000

7. Verification Flow

a. Brooks Full-View High Accuracy Rotameter-Model 7702H02130

Range: 0.05-10.8 scfm at 30 psig, 80°F
Accuracy: ±1% of Full scale

b. Calibration date: 1/13/78

E. Information Retained at Jobsite

The following information is retained by the Owner.

1. Test Procedure

The working copy of test procedure that would include signature sign-off of procedural steps.

2. Integrated Leakage Rate Raw Data

Data sheets showing raw data as recorded manually from data acquisition system.

3. Operating Instrument Status

A listing of normal operating instrumentation used for the leakage rate test (in procedure).

4. Systems Status (at time of test)

A system line-up, showing required valve positions and status of piping systems, i.e., "Valve open - line filled" or "System in normal service", etc. (in procedure).

5. Event Log

A continuous, sequential log of events.

6. Instrumentation Validation

Documentation of instrumentation calibrations and standards.

7. Test Exceptions

A listing of all test exceptions including changes in containment system boundaries instituted by licensee to conclude successful testing (in procedure or log of events).

8. Containment Penetrations

A listing of all containment penetrations, including the total number of like penetrations, penetration size and function.

9. Local Leak Rate Tests

The procedure and all data that would verify completion of penetration and valve testing (B&C type tests).

F. Leakage Rate Calculations and Data

See pages 8 through 139 which follow.

G. Test Results - Type B and C

PENETRATION NUMBER	PIPE SIZE(IN.)	DESCRIPTION	MEASURED LEAKAGE
P-48	3	Heating Supply(H_2O)	0
P-42	3	Heating Return(H_2O)	0

ARKANSAS UNIT 1 ILRT - 30 PSIG

LEAKAGE RATE (WEIGHT PERCENT/DAY)
MASS POINT ANALYSIS

TIME AND DATE AT START OF TEST: 1400 0311
ELAPSED TIME: 24.00 HOURS

TIME	TEMP (R)	PRESSURE (PSIA)	CTMT. AIR MASS (LBM)	MASS LOSS (LBM)	TOT.AVG. MASS LOSS (LBM/HR)
1400	522.391	44.9696	443797		
1415	522.411	44.9719	443803	-5.7	-22.8
1430	522.440	44.9737	443796	6.9	2.3
1445	522.468	44.9753	443788	8.0	12.2
1500	522.498	44.9755	443765	23.5	32.7
1515	522.516	44.9776	443770	-5.4	21.8
1530	522.539	44.9783	443758	12.6	26.6
1545	522.546	44.9802	443770	-12.8	15.5
1600	522.587	44.9852	443785	-14.5	6.3
1615	522.609	44.9867	443781	3.9	7.3
1630	522.629	44.9883	443780	1.2	7.1
1645	522.652	44.9917	443794	-14.0	1.3
1700	522.696	44.9933	443772	21.6	8.4
1715	522.735	44.9942	443748	24.2	15.2
1730	522.749	44.9964	443758	-9.8	11.3
1745	522.773	44.9997	443770	-12.2	7.3
1800	522.807	45.0000	443744	25.9	13.3
1815	522.840	45.0029	443745	-0.6	12.4
1830	522.872	45.0037	443726	18.3	15.8
[illegible]	522.886	45.0075	443751	-24.6	9.8
[illegible]00	522.930	45.0098	443736	14.7	12.2
1915	522.961	45.0117	443729	7.6	13.1
1930	522.987	45.0143	443732	-3.6	11.8
1945	523.019	45.0175	443737	-4.4	10.6
2000	523.002	45.0218	443794	-56.8	0.7
2015	523.096	45.0234	443730	64.0	10.9
2030	523.132	45.0258	443723	6.9	11.5
2045	523.164	45.0299	443736	-13.3	9.1
2100	523.179	45.0315	443739	-3.0	8.4
2115	523.233	45.0344	443722	17.2	10.4
2130	523.241	45.0362	443733	-11.0	8.6
2145	523.274	45.0401	443743	-10.4	7.0
2200	523.324	45.0428	443727	15.8	8.8
2215	523.338	45.0447	443734	-6.9	7.7
2230	523.382	45.0453	443703	31.4	11.1
2245	523.416	45.0487	443707	-4.7	10.3
2300	523.435	45.0495	443699	8.2	10.9
2315	523.456	45.0517	443703	-3.9	10.2
2330	523.502	45.0547	443694	9.4	10.9
2345	523.525	45.0570	443697	-3.2	10.3
0	523.547	45.0596	443704	-7.0	9.4
15	523.574	45.0612	443697	7.1	9.8
30	523.594	45.0615	443683	14.0	10.9
45	523.630	45.0647	443684	-1.0	10.6
[illegible]	523.658	45.0689	443701	-17.6	8.7
[illegible]	523.689	45.0703	443689	12.5	9.7
130	523.718	45.0728	443689	-0.0	9.4
145	523.739	45.0747	443690	-0.9	9.2
200	523.757	45.0767	443694	-4.4	8.6
215	523.775	45.0799	443710	-16.2	7.1
230	523.802	45.0824	443712	-1.7	6.8

MASS POINT ANALYSIS

245	523.840	45.0838	443694	18.4	8.1
300	523.856	45.0871	443713	-18.9	6.5
315	523.837	45.0887	443702	10.5	7.2
[illegible]0	523.906	45.0912	443711	-8.5	6.4
[illegible]5	523.941	45.0924	443693	17.8	7.6
400	523.953	45.0952	443710	-17.4	6.2
415	523.976	45.0974	443712	-2.2	6.0
430	523.997	45.0976	443697	15.8	7.0
445	524.026	45.1006	443702	-5.0	6.5
500	524.051	45.1030	443704	-2.4	6.2
515	524.073	45.1032	443687	16.7	7.2
530	524.099	45.1071	443704	-16.4	6.0
545	524.096	45.1062	443697	6.3	6.4
600	524.152	45.1108	443695	2.2	6.4
615	524.167	45.1121	443695	-0.1	6.3
630	524.192	45.1144	443697	-1.5	6.1
645	524.213	45.1168	443703	-5.8	5.7
700	524.221	45.1182	443710	-7.0	5.2
715	524.244	45.1208	443716	-6.1	4.7
730	524.266	45.1214	443703	12.7	5.4
745	524.284	45.1240	443713	-10.3	4.7
800	524.314	45.1248	443696	17.5	5.6
815	524.325	45.1280	443718	-22.2	4.4
830	524.358	45.1279	443689	28.9	5.9
845	524.227	45.1270	443791	-102.0	0.3
900	524.182	45.1214	443774	17.0	1.2
915	524.165	45.1186	443761	13.1	1.9
930	524.131	45.1168	443772	-11.1	1.3
[illegible]45	524.139	45.1140	443738	34.3	3.0
[illegible]0	524.122	45.1122	443734	3.3	3.2
[illegible]15	524.100	45.1120	443751	-16.7	2.3
1030	524.111	45.1129	443751	0.5	2.3
1045	524.104	45.1138	443765	-14.8	1.5
1100	524.096	45.1129	443763	2.1	1.6
1115	524.127	45.1136	443744	19.4	2.5
1130	524.118	45.1154	443769	-25.3	1.3
1145	524.129	45.1156	443762	7.3	1.6
1200	524.166	45.1162	443736	25.4	2.8
1215	524.183	45.1186	443746	-9.2	2.3
1230	524.188	45.1203	443758	-12.5	1.7
1245	524.198	45.1172	443719	38.9	3.4
1300	524.220	45.1200	443728	-8.9	3.0
1315	524.237	45.1201	443715	13.4	3.6
1330	524.273	45.1228	443711	3.9	3.7
1345	524.291	45.1264	443731	-20.2	2.8
1400	524.297	45.1236	443698	32.6	4.1

FREE AIR VOLUME USED (MILLIONS OF CU. FT.) = 1.910

REGRESSION LINE
INTERCEPT (LBM) = 443749
SLOPE (LBM/HR) = -1.6

[illegible]XIMUM ALLOWABLE LEAKAGE RATE = 0.072
[illegible]% OF MAXIMUM ALLOWABLE LEAKAGE RATE = 0.054
THE CALCULATED LEAKAGE RATE = 0.009
THE CALC. LEAKAGE RATE AT 95% CONFIDENCE LEVEL = 0.009 ± 0.005

LEAKAGE RATE (WEIGHT PERCENT/DAY)
BASED ON TOTAL TIME CALCULATIONS

TIME AND DATE AT START OF TEST: 1400 0311
ELAPSED TIME: 24.00 HOURS

TIME	TEMP. (R)	PRESSURE (PSIA)	MEASURED LEAKAGE RATE
1400	522.391	44.9696	
1415	522.411	44.9719	-0.123
1430	522.440	44.9737	0.013
1445	522.468	44.9753	0.066
1500	522.498	44.9755	0.177
1515	522.516	44.9776	0.118
1530	522.539	44.9783	0.144
1545	522.546	44.9802	0.084
1600	522.587	44.9852	0.034
1615	522.609	44.9867	0.040
1630	522.629	44.9883	0.038
1645	522.652	44.9917	0.007
1700	522.696	44.9933	0.045
1715	522.735	44.9942	0.082
1730	522.749	44.9964	0.061
1745	522.773	44.9997	0.040
1800	522.807	45.0000	0.072
1815	522.840	45.0029	0.067
1830	522.872	45.0038	0.085
1845	522.886	45.0075	0.053
1900	522.930	45.0098	0.066
1915	522.961	45.0117	0.071
1930	522.987	45.0143	0.064
1945	523.019	45.0175	0.057
2000	523.002	45.0218	0.004
2015	523.096	45.0234	0.059
2030	523.132	45.0258	0.062
2045	523.164	45.0299	0.049
2100	523.179	45.0315	0.045
2115	523.233	45.0344	0.056
2130	523.241	45.0362	0.047
2145	523.274	45.0401	0.033
2200	523.324	45.0428	0.047
2215	523.338	45.0447	0.041
2230	523.382	45.0453	0.060
2245	523.416	45.0487	0.056
2300	523.435	45.0495	0.059
2315	523.456	45.0517	0.055
2330	523.502	45.0547	0.059
2345	523.525	45.0570	0.056
0	523.547	45.0596	0.051
15	523.574	45.0612	0.053
30	523.594	45.0615	0.059
45	523.630	45.0647	0.057
100	523.658	45.0689	0.047
115	523.689	45.0703	0.052
130	523.718	45.0728	0.051
145	523.739	45.0747	0.050
200	523.757	45.0767	0.047
215	523.775	45.0799	0.038
230	523.802	45.0824	0.037
245	523.840	45.0838	0.044

TOTAL TIME CALCULATIONS

300	523.856	45.0871	0.035
315	523.887	45.0887	0.039
330	523.906	45.0912	0.035
345	523.941	45.0924	0.041
400	523.953	45.0952	0.034
415	523.976	45.0974	0.032
430	523.997	45.0976	0.038
445	524.026	45.1006	0.035
500	524.051	45.1030	0.034
515	524.073	45.1032	0.039
530	524.099	45.1071	0.033
545	524.096	45.1062	0.034
600	524.152	45.1108	0.035
615	524.167	45.1121	0.034
630	524.192	45.1144	0.033
645	524.213	45.1168	0.031
700	524.221	45.1182	0.028
715	524.244	45.1208	0.026
730	524.266	45.1214	0.0[illegible]
745	524.284	45.1240	0.0[illegible]
800	524.314	45.1248	0.031
815	524.325	45.1280	0.024
830	524.358	45.1279	0.032
845	524.227	45.1270	0.002
900	524.182	45.1214	0.007
915	524.165	45.1186	0.010
930	524.131	45.1168	0.007
945	524.139	45.1140	0.016
1000	524.122	45.1122	0.017
1015	524.100	45.1120	0.012
1030	524.111	45.1129	0.012
1045	524.104	45.1138	0.008
1100	524.096	45.1129	0.009
1115	524.127	45.1136	0.014
1130	524.118	45.1154	0.007
1145	524.129	45.1156	0.009
1200	524.166	45.1162	0.015
1215	524.183	45.1186	0.013
1230	524.188	45.1203	0.009
1245	524.198	45.1172	0.019
1300	524.220	45.1200	0.016
1315	524.237	45.1201	0.019
1330	524.273	45.1228	0.020
1345	524.291	45.1264	0.015
1400	524.297	45.1236	0.022

MEAN OF MEASURED LEAKAGE RATES = 0.039
STD. DEVIATION OF MEASURED LEAKAGE RATES = 0.032

MAXIMUM ALLOWABLE LEAKAGE RATE = 0.072
75 % OF MAXIMUM ALLOWABLE LEAKAGE RATE = 0.054
THE CALCULATED LEAKAGE RATE = 0.012
THE CALC. LEAKAGE RATE AT 95% CONFIDENCE LEVEL = 0.012 ± 0.057

ARKANSAS UNIT 1 ILRT - 30 PSIG

TREND REPORT
LEAKAGE RATES (WEIGHT PERCENT/DAY)
BASED ON TOTAL-TIME CALCULATIONS

TIME AND DATE AT START OF TEST: 1400 0311
ELAPSED TIME: 24.00 HOURS

NO. DATA POINTS	ELAPSED TIME	MEAN MEASURED LEAKAGE RATE	CALCULATED LEAKAGE RATE	CHG IN CALC L/R FROM LAST POINT	UPPER 95% CONF LEVEL
10	2.25	0.061	0.109		0.350
11	2.50	0.059	0.092	-0.017	0.318
12	2.75	0.054	0.070	-0.022	0.288
13	3.00	0.053	0.065	-0.005	0.268
14	3.25	0.056	0.071	0.006	0.261
15	3.50	0.056	0.071	-0.001	0.249
16	3.75	0.055	0.065	-0.006	0.235
17	4.00	0.056	0.068	0.003	0.230
18	4.25	0.057	0.069	0.001	0.223
19	4.50	0.058	0.073	0.005	0.222
20	4.75	0.058	0.071	-0.003	0.214
21	5.00	0.058	0.071	0.000	0.209
22	5.25	0.059	0.072	0.001	0.206
23	5.50	0.059	0.072	-0.000	0.201
24	5.75	0.059	0.070	-0.001	0.196
25	6.00	0.057	0.061	-0.010	0.186
26	6.25	0.057	0.061	-0.000	0.183
27	6.50	0.057	0.061	0.000	0.180
28	6.75	0.057	0.060	-0.001	0.176
29	7.00	0.056	0.058	-0.002	0.172
30	7.25	0.056	0.058	-0.000	0.169
31	7.50	0.056	0.057	-0.001	0.166
32	7.75	0.055	0.054	-0.002	0.161
33	8.00	0.055	0.054	-0.001	0.158
34	8.25	0.055	0.052	-0.001	0.155
35	8.50	0.055	0.053	0.001	0.154
36	8.75	0.055	0.053	0.000	0.152
37	9.00	0.055	0.054	0.001	0.151
38	9.25	0.055	0.054	0.000	0.150
39	9.50	0.055	0.054	0.000	0.148
40	9.75	0.055	0.054	0.000	0.147
41	10.00	0.055	0.054	-0.000	0.145
42	10.25	0.055	0.054	-0.000	0.144
43	10.50	0.055	0.054	0.000	0.143
44	10.75	0.055	0.054	0.000	0.142
45	11.00	0.055	0.054	-0.001	0.140
46	11.25	0.055	0.054	-0.000	0.139
47	11.50	0.055	0.053	-0.000	0.138
48	11.75	0.055	0.053	-0.000	0.136
49	12.00	0.055	0.052	-0.001	0.135
50	12.25	0.054	0.051	-0.001	0.132
51	12.50	0.054	0.050	-0.001	0.130
52	12.75	0.054	0.049	-0.001	0.129
53	13.00	0.053	0.048	-0.001	0.127
54	13.25	0.053	0.047	-0.001	0.125
55	13.50	0.053	0.046	-0.001	0.123

56	13.75	0.053	0.046	-0.001	0.122
57	14.00	0.052	0.044	-0.001	0.120
58	14.25	0.052	0.043	-0.001	0.118
59	14.50	0.052	0.043	-0.001	0.117
60	14.75	0.051	0.042	-0.001	0.115
61	15.00	0.051	0.041	-0.001	0.114
62	15.25	0.051	0.041	-0.000	0.113
63	15.50	0.051	0.040	-0.001	0.111
64	15.75	0.050	0.039	-0.001	0.110
65	16.00	0.050	0.039	-0.001	0.109
66	16.25	0.050	0.038	-0.001	0.108
67	16.50	0.050	0.037	-0.001	0.106
68	16.75	0.049	0.037	-0.001	0.105
69	17.00	0.049	0.036	-0.001	0.104
70	17.25	0.049	0.035	-0.001	0.102
71	17.50	0.048	0.034	-0.001	0.101
72	17.75	0.048	0.033	-0.001	0.100
73	18.00	0.048	0.033	-0.001	0.099
74	18.25	0.047	0.032	-0.001	0.097
75	18.50	0.047	0.031	-0.000	0.096
76	18.75	0.047	0.029	-0.002	0.094
77	19.00	0.046	0.028	-0.002	0.092
[illegible]	19.25	0.046	0.026	-0.001	0.091
[illegible]	19.50	0.045	0.025	-0.001	0.089
80	19.75	0.045	0.024	-0.001	0.088
81	20.00	0.044	0.023	-0.001	0.086
82	20.25	0.044	0.022	-0.001	0.085
83	20.50	0.044	0.021	-0.001	0.083
84	20.75	0.043	0.020	-0.001	0.082
85	21.00	0.043	0.019	-0.001	0.081
86	21.25	0.042	0.018	-0.001	0.079
87	21.50	0.042	0.017	-0.001	0.078
88	21.75	0.042	0.016	-0.001	0.077
89	22.00	0.041	0.016	-0.001	0.076
90	22.25	0.041	0.015	-0.001	0.075
91	22.50	0.041	0.014	-0.001	0.073
92	22.75	0.040	0.014	-0.000	0.073
93	23.00	0.040	0.013	-0.000	0.072
94	23.25	0.040	0.013	-0.000	0.071
95	23.50	0.040	0.013	-0.000	0.071
96	23.75	0.039	0.012	-0.000	0.070
97	24.00	0.039	0.012	-0.000	0.069

THE CALCULATED LEAKAGE RATE = 0.012

SUMMARY DATA

ARKANSAS UNIT 1 TEMP. STABILIZATION
ALMAX = 0.072 VOL = 19100000.00

*
*

TIME	DATE	TEMP	PRESSURE
930	311	522.890	45.0020
945	311	522.612	44.9861
1000	311	522.484	44.9772
1015	311	522.443	44.9735
1045	311	522.262	44.9530
1100	311	521.831	44.9212
1115	311	521.645	44.9065
1135	311	521.899	44.9316
1145	311	522.009	44.9381
1200	311	522.099	44.9467
1215	311	522.168	44.9491
1230	311	522.199	44.9534
1245	311	522.239	44.9567
1300	311	522.270	44.9587
1315	311	522.326	44.9625
1330	311	522.348	44.9635

SUMMARY OF MEASURED DATA AT 1400 0311

TEMP	1	=	523.830	(64.28)
TEMP	2	=	521.424	(61.86)
TEMP	3	=	521.589	(62.02)
TEMP	4	=	522.524	(62.95)
TEMP	5	=	522.380	(62.78)
TEMP	6	=	523.225	(63.64)
TEMP	7	=	525.031	(65.44)
TEMP	8	=	522.655	(63.11)
TEMP	9	=	521.904	(62.33)
TEMP	10	=	522.340	(62.81)
TEMP	11	=	523.040	(63.47)
TEMP	12	=	522.304	(62.70)
TEMP	13	=	521.974	(62.39)
TEMP	14	=	522.000	(62.46)
TEMP	15	=	522.064	(62.43)
TEMP	16	=	522.750	(63.15)
TEMP	17	=	522.525	(62.96)
TEMP	18	=	522.455	(62.87)
PTES	1	=	45.178	(92677.)
VPRS	1	=	0.190	(51.74)
VPRS	2	=	0.189	(51.54)
VPRS	3	=	0.164	(47.72)
VPRS	4	=	0.243	(58.59)
VPRS	5	=	0.209	(54.29)
VPRS	6	=	0.247	(58.88)

SUMMARY OF CORRECTED DATA

TIME = 1400
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.391

CORRECTED PRESSURE (PSIA) = 44.9696

SUMMARY OF MEASURED DATA AT 1415 0311

TEMP	1	=	523.881	(64.33)
TEMP	2	=	521.474	(61.91)
TEMP	3	=	521.589	(62.02)
TEMP	4	=	522.534	(62.96)
TEMP	5	=	522.450	(62.85)
TEMP	6	=	523.155	(63.57)
TEMP	7	=	524.931	(65.34)
TEMP	8	=	522.775	(63.23)
TEMP	9	=	521.934	(62.36)
TEMP	10	=	522.350	(62.82)
TEMP	11	=	523.060	(63.49)
TEMP	12	=	522.334	(62.73)
TEMP	13	=	522.024	(62.44)
TEMP	14	=	521.990	(62.45)
TEMP	15	=	522.054	(62.42)
TEMP	16	=	522.810	(63.21)
TEMP	17	=	522.550	(62.98)
TEMP	18	=	522.405	(62.82)
PRES	1	=	45.179	(92680.)
VPRS	1	=	0.189	(51.65)
VPRS	2	=	0.187	(51.28)
VPRS	3	=	0.157	(46.54)
VPRS	4	=	0.246	(58.92)
VPRS	5	=	0.209	(54.26)
VPRS	6	=	0.248	(59.02)

SUMMARY OF CORRECTED DATA

TIME = 1415
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.411

CORRECTED PRESSURE (PSIA) = 44.9719

SUMMARY OF MEASURED DATA AT 1430 0311

TEMP	1 =	523.921	(64.37)
TEMP	2 =	521.494	(61.93)
TEMP	3 =	521.649	(62.08)
TEMP	4 =	522.564	(62.99)
TEMP	5 =	522.450	(62.85)
TEMP	6 =	523.185	(63.60)
TEMP	7 =	525.011	(65.42)
TEMP	8 =	522.905	(63.38)
TEMP	9 =	521.954	(62.38)
TEMP	10 =	522.420	(62.89)
TEMP	11 =	523.080	(63.51)
TEMP	12 =	522.364	(62.76)
TEMP	13 =	522.035	(62.45)
TEMP	14 =	522.070	(62.53)
TEMP	15 =	522.114	(62.48)
TEMP	16 =	522.750	(63.15)
TEMP	17 =	522.580	(63.01)
TEMP	18 =	522.435	(62.85)
PRES	1 =	45.181	(92684.)
VPRS	1 =	0.189	(51.65)
VPRS	2 =	0.187	(51.24)
VPRS	3 =	0.160	(47.13)
VPRS	4 =	0.247	(59.08)
VPRS	5 =	0.209	(54.22)
VPRS	6 =	0.245	(58.64)

SUMMARY OF CORRECTED DATA

TIME = 1430
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.440

CORRECTED PRESSURE (PSIA) = 44.9737

SUMMARY OF MEASURED DATA AT 1445 0311

TEMP	1	=	523.931	(64.38)
TEMP	2	=	521.514	(61.95)
TEMP	3	=	521.679	(62.11)
TEMP	4	=	522.584	(63.01)
TEMP	5	=	522.430	(62.83)
TEMP	6	=	523.215	(63.63)
TEMP	7	=	525.071	(65.48)
TEMP	8	=	522.975	(63.43)
TEMP	9	=	522.014	(62.44)
TEMP	10	=	522.440	(62.91)
TEMP	11	=	523.110	(63.54)
TEMP	12	=	522.394	(62.79)
TEMP	13	=	522.055	(62.47)
TEMP	14	=	522.070	(62.53)
TEMP	15	=	522.104	(62.47)
TEMP	16	=	522.930	(63.33)
TEMP	17	=	522.590	(63.02)
TEMP	18	=	522.435	(62.85)
PRES	1	=	45.184	(92689.)
VPRS	1	=	0.189	(51.60)
VPRS	2	=	0.185	(51.04)
VPRS	3	=	0.164	(47.69)
VPRS	4	=	0.248	(59.19)
VPRS	5	=	0.210	(54.36)
VPRS	6	=	0.245	(58.67)

SUMMARY OF CORRECTED DATA

TIME = 1445
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.468

CORRECTED PRESSURE (PSIA) = 44.9753

SUMMARY OF MEASURED DATA AT 1500 0311

TEMP	1 =	523.961	(64.41)
TEMP	2 =	521.514	(61.95)
TEMP	3 =	521.749	(62.18)
TEMP	4 =	522.645	(63.07)
TEMP	5 =	522.520	(62.92)
TEMP	6 =	523.255	(63.67)
TEMP	7 =	525.031	(65.44)
TEMP	8 =	522.845	(63.30)
TEMP	9 =	521.984	(62.41)
TEMP	10 =	522.450	(62.92)
TEMP	11 =	523.130	(63.56)
TEMP	12 =	522.424	(62.82)
TEMP	13 =	522.075	(62.49)
TEMP	14 =	522.130	(62.59)
TEMP	15 =	522.184	(62.55)
TEMP	16 =	522.860	(63.26)
TEMP	17 =	522.630	(63.06)
TEMP	18 =	522.505	(62.92)
PRES	1 =	45.184	(92690.)
VPRS	1 =	0.188	(51.55)
VPRS	2 =	0.185	(50.97)
VPRS	3 =	0.163	(47.52)
VPRS	4 =	0.247	(59.03)
VPRS	5 =	0.210	(54.39)
VPRS	6 =	0.250	(59.17)

SUMMARY OF CORRECTED DATA

TIME = 1500
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.498

CORRECTED PRESSURE (PSIA) = 44.9755

SUMMARY OF MEASURED DATA AT 1515 0311

TEMP	1 =	523.981	(64.43)
TEMP	2 =	521.564	(62.00)
TEMP	3 =	521.769	(62.20)
TEMP	4 =	522.645	(63.07)
TEMP	5 =	522.520	(62.92)
TEMP	6 =	523.265	(63.68)
TEMP	7 =	525.121	(65.53)
TEMP	8 =	522.775	(63.23)
TEMP	9 =	522.024	(62.45)
TEMP	10 =	522.470	(62.94)
TEMP	11 =	523.130	(63.56)
TEMP	12 =	522.424	(62.82)
TEMP	13 =	522.115	(62.53)
TEMP	14 =	522.080	(62.54)
TEMP	15 =	522.174	(62.54)
TEMP	16 =	522.940	(63.34)
TEMP	17 =	522.650	(63.08)
TEMP	18 =	522.555	(62.97)
PRES	1 =	45.18E	(92694.)
VPRS	1 =	0.188	(51.53)
VPRS	2 =	0.184	(50.90)
VPRS	3 =	0.163	(47.62)
VPRS	4 =	0.247	(59.07)
VPRS	5 =	0.210	(54.36)
VPRS	6 =	0.248	(59.01)

SUMMARY OF CORRECTED DATA

TIME = 1515
DATE = 0311

TEMPERATURE (DEGREES F.) = 522.516

CORRECTED PRESSURE (PSIA) = 44.9776

SUMMARY OF MEASURED DATA AT 1530 0311

TEMP	1	=	524.001	(64.45)
TEMP	2	=	521.544	(61.98)
TEMP	3	=	521.819	(62.25)
TEMP	4	=	522.685	(63.11)
TEMP	5	=	522.550	(62.95)
TEMP	6	=	523.285	(63.70)
TEMP	7	=	525.141	(65.55)
TEMP	8	=	522.895	(63.35)
TEMP	9	=	522.084	(62.51)
TEMP	10	=	522.490	(62.96)
TEMP	11	=	523.160	(63.59)
TEMP	12	=	522.434	(62.83)
TEMP	13	=	522.115	(62.53)
TEMP	14	=	522.150	(62.61)
TEMP	15	=	522.204	(62.57)
TEMP	16	=	522.980	(63.38)
TEMP	17	=	522.670	(63.10)
TEMP	18	=	522.535	(62.95)
PRES	1	=	45.187	(92696.)
VPRS	1	=	0.189	(51.63)
VPRS	2	=	0.185	(50.97)
VPRS	3	=	0.167	(48.24)
VPRS	4	=	0.247	(59.05)
VPRS	5	=	0.209	(54.27)
VPRS	6	=	0.246	(58.74)

SUMMARY OF CORRECTED DATA

TIME = 1530
DATE = 0311

TEMPERATURE (DEGREES F.) = 522.539

CORRECTED PRESSURE (PSIA) = 44.9783

SUMMARY OF MEASURED DATA AT 1545 0311

TEMP	1 =	524.041	(64.49)
TEMP	2 =	521.624	(62.06)
TEMP	3 =	521.809	(62.24)
TEMP	4 =	522.695	(63.12)
TEMP	5 =	522.610	(63.01)
TEMP	6 =	523.273	(63.69)
TEMP	7 =	525.111	(65.52)
TEMP	8 =	522.735	(63.19)
TEMP	9 =	522.074	(62.50)
TEMP	10 =	522.520	(62.99)
TEMP	11 =	523.190	(63.62)
TEMP	12 =	522.444	(62.84)
TEMP	13 =	522.095	(62.51)
TEMP	14 =	522.200	(62.66)
TEMP	15 =	522.264	(62.63)
TEMP	16 =	522.790	(63.19)
TEMP	17 =	522.660	(63.09)
TEMP	18 =	522.605	(63.02)
PRES	1 =	45.189	(92700.)
VPRS	1 =	0.189	(51.67)
VPRS	2 =	0.185	(51.02)
VPRS	3 =	0.165	(47.89)
VPRS	4 =	0.246	(58.92)
VPRS	5 =	0.209	(54.26)
VPRS	6 =	0.249	(59.09)

SUMMARY OF CORRECTED DATA

TIME = 1545
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.546

CORRECTED PRESSURE (PSIA) = 44.9802

SUMMARY OF MEASURED DATA AT 1600 0311

TEMP	1	=	524.071	(64.52)
TEMP	2	=	521.624	(62.06)
TEMP	3	=	521.789	(62.22)
TEMP	4	=	522.715	(63.14)
TEMP	5	=	522.610	(63.01)
TEMP	6	=	523.355	(63.77)
TEMP	7	=	525.161	(65.57)
TEMP	8	=	522.815	(63.27)
TEMP	9	=	522.104	(62.53)
TEMP	10	=	522.540	(63.01)
TEMP	11	=	523.260	(63.69)
TEMP	12	=	522.485	(62.88)
TEMP	13	=	522.165	(62.58)
TEMP	14	=	522.200	(62.66)
TEMP	15	=	522.254	(62.62)
TEMP	16	=	523.040	(63.44)
TEMP	17	=	522.700	(63.13)
TEMP	18	=	522.575	(62.99)
PRES	1	=	45.192	(92706.)
VPRS	1	=	0.188	(51.58)
VPRS	2	=	0.185	(50.96)
VPRS	3	=	0.162	(47.49)
VPRS	4	=	0.247	(59.03)
VPRS	5	=	0.208	(54.12)
VPRS	6	=	0.241	(58.15)

SUMMARY OF CORRECTED DATA

TIME = 1600
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.587

CORRECTED PRESSURE (PSIA) = 44.9858

SUMMARY OF MEASURED DATA AT 1615 0311

TEMP	1 =	524.151	(64.60)
TEMP	2 =	521.664	(62.10)
TEMP	3 =	521.889	(62.32)
TEMP	4 =	522.735	(63.16)
TEMP	5 =	522.640	(63.04)
TEMP	6 =	523.375	(63.79)
TEMP	7 =	525.211	(65.62)
TEMP	8 =	522.965	(63.42)
TEMP	9 =	522.164	(62.59)
TEMP	10 =	522.580	(63.05)
TEMP	11 =	523.250	(63.68)
TEMP	12 =	522.525	(62.92)
TEMP	13 =	522.135	(62.55)
TEMP	14 =	522.270	(62.73)
TEMP	15 =	522.224	(62.59)
TEMP	16 =	523.030	(63.43)
TEMP	17 =	522.690	(63.12)
TEMP	18 =	522.585	(63.00)
PRES	1 =	45.193	(92708.)
VPRS	1 =	0.189	(51.64)
VPRS	2 =	0.185	(51.02)
VPRS	3 =	0.163	(47.60)
VPRS	4 =	0.243	(58.59)
VPRS	5 =	0.208	(54.10)
VPRS	6 =	0.240	(58.12)

SUMMARY OF CORRECTED DATA

TIME = 1615
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.609

CORRECTED PRESSURE (PSIA) = 44.9867

SUMMARY OF MEASURED DATA AT 1630 0311

TEMP	1	=	524.091	(64.54)
TEMP	2	=	521.694	(62.13)
TEMP	3	=	521.959	(62.39)
TEMP	4	=	522.765	(63.19)
TEMP	5	=	522.640	(63.04)
TEMP	6	=	523.395	(63.81)
TEMP	7	=	525.231	(65.64)
TEMP	8	=	522.985	(63.44)
TEMP	9	=	522.204	(62.63)
TEMP	10	=	522.600	(63.07)
TEMP	11	=	523.290	(63.72)
TEMP	12	=	522.545	(62.94)
TEMP	13	=	522.175	(62.59)
TEMP	14	=	522.310	(62.77)
TEMP	15	=	522.264	(62.63)
TEMP	16	=	522.980	(63.38)
TEMP	17	=	522.720	(63.15)
TEMP	18	=	522.635	(63.05)
PRES	1	=	45.195	(92713.)
VPRS	1	=	0.189	(51.60)
VPRS	2	=	0.185	(50.95)
VPRS	3	=	0.166	(48.09)
VPRS	4	=	0.244	(58.73)
VPRS	5	=	0.208	(54.16)
VPRS	6	=	0.241	(58.20)

SUMMARY OF CORRECTED DATA

TIME = 1630
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.629

CORRECTED PRESSURE (PSIA) = 44.9883

SUMMARY OF MEASURED DATA AT 1645 0311

TEMP	1 =	524.121	(64.57)
TEMP	2 =	521.744	(62.18)
TEMP	3 =	521.929	(62.36)
TEMP	4 =	522.775	(63.20)
TEMP	5 =	522.630	(63.03)
TEMP	6 =	523.405	(63.82)
TEMP	7 =	525.261	(65.67)
TEMP	8 =	523.075	(63.53)
TEMP	9 =	522.214	(62.64)
TEMP	10 =	522.620	(63.09)
TEMP	11 =	523.300	(63.73)
TEMP	12 =	522.555	(62.95)
TEMP	13 =	522.205	(62.62)
TEMP	14 =	522.280	(62.74)
TEMP	15 =	522.374	(62.74)
TEMP	16 =	523.020	(63.42)
TEMP	17 =	522.750	(63.18)
TEMP	18 =	522.625	(63.04)
PRES	1 =	45.197	(92717.)
VPRS	1 =	0.188	(51.56)
VPRS	2 =	0.185	(51.08)
VPRS	3 =	0.161	(47.23)
VPRS	4 =	0.243	(58.55)
VPRS	5 =	0.208	(54.09)
VPRS	6 =	0.240	(58.06)

SUMMARY OF CORRECTED DATA

TIME = 1645
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.652

CORRECTED PRESSURE (PSIA) = 44.9917

SUMMARY OF MEASURED DATA AT 1700 0311

TEMP	1 =	524.221	(64.67)
TEMP	2 =	521.764	(62.20)
TEMP	3 =	521.979	(62.41)
TEMP	4 =	522.815	(63.24)
TEMP	5 =	522.680	(63.08)
TEMP	6 =	523.496	(63.91)
TEMP	7 =	525.241	(65.65)
TEMP	8 =	523.065	(63.52)
TEMP	9 =	522.204	(62.63)
TEMP	10 =	522.630	(63.10)
TEMP	11 =	523.360	(63.79)
TEMP	12 =	522.605	(63.00)
TEMP	13 =	522.235	(62.65)
TEMP	14 =	522.270	(62.73)
TEMP	15 =	522.364	(62.73)
TEMP	16 =	523.110	(63.51)
TEMP	17 =	522.820	(63.25)
TEMP	18 =	522.705	(63.12)
PRES	1 =	45.199	(92721.)
VPRS	1 =	0.189	(51.63)
VPRS	2 =	0.186	(51.17)
VPRS	3 =	0.160	(47.16)
VPRS	4 =	0.242	(58.50)
VPRS	5 =	0.207	(53.98)
VPRS	6 =	0.242	(58.35)

SUMMARY OF CORRECTED DATA

TIME = 1700
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.696

CORRECTED PRESSURE (PSIA) = 44.9933

SUMMARY OF MEASURED DATA AT 1715 0311

TEMP	1	=	524.211	(64.66)
TEMP	2	=	521.784	(62.22)
TEMP	3	=	522.079	(62.51)
TEMP	4	=	522.865	(63.29)
TEMP	5	=	522.740	(63.14)
TEMP	6	=	523.516	(63.93)
TEMP	7	=	525.281	(65.69)
TEMP	8	=	523.115	(63.57)
TEMP	9	=	522.244	(62.67)
TEMP	10	=	522.680	(63.15)
TEMP	11	=	523.390	(63.82)
TEMP	12	=	522.615	(63.01)
TEMP	13	=	522.315	(62.73)
TEMP	14	=	522.330	(62.79)
TEMP	15	=	522.384	(62.75)
TEMP	16	=	523.180	(63.58)
TEMP	17	=	522.840	(63.27)
TEMP	18	=	522.735	(63.15)
PRES	1	=	45.201	(92724.)
VPRS	1	=	0.190	(51.82)
VPRS	2	=	0.185	(51.09)
VPRS	3	=	0.161	(47.30)
VPRS	4	=	0.247	(59.04)
VPRS	5	=	0.206	(53.92)
VPRS	6	=	0.240	(58.04)

SUMMARY OF CORRECTED DATA

TIME = 1715
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.735

CORRECTED PRESSURE (PSIA) = 44.9942

SUMMARY OF MEASURED DATA AT 1730 0311

TEMP	1 =	524.291	(64.74)
TEMP	2 =	521.794	(62.23)
TEMP	3 =	522.049	(62.48)
TEMP	4 =	522.905	(63.33)
TEMP	5 =	522.770	(63.17)
TEMP	6 =	523.536	(63.95)
TEMP	7 =	525.331	(65.74)
TEMP	8 =	523.035	(63.49)
TEMP	9 =	522.234	(62.66)
TEMP	10 =	522.710	(63.18)
TEMP	11 =	523.420	(63.85)
TEMP	12 =	522.645	(63.04)
TEMP	13 =	522.325	(62.74)
TEMP	14 =	522.310	(62.77)
TEMP	15 =	522.404	(62.77)
TEMP	16 =	523.160	(63.56)
TEMP	17 =	522.870	(63.30)
TEMP	18 =	522.745	(63.16)
PRES	1 =	45.203	(92730.)
VPRS	1 =	0.190	(51.83)
VPRS	2 =	0.188	(51.48)
VPRS	3 =	0.175	(49.47)
VPRS	4 =	0.237	(57.92)
VPRS	5 =	0.206	(53.84)
VPRS	6 =	0.238	(57.88)

SUMMARY OF CORRECTED DATA

TIME = 1730
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.749

CORRECTED PRESSURE (PSIA) = 44.9964

SUMMARY OF MEASURED DATA AT 1745 0311

TEMP	1 =	524.271	(64.72)
TEMP	2 =	521.864	(62.30)
TEMP	3 =	522.069	(62.50)
TEMP	4 =	522.895	(63.32)
TEMP	5 =	522.780	(63.18)
TEMP	6 =	523.546	(63.96)
TEMP	7 =	525.421	(65.83)
TEMP	8 =	522.955	(63.41)
TEMP	9 =	522.354	(62.78)
TEMP	10 =	522.740	(63.21)
TEMP	11 =	523.450	(63.88)
TEMP	12 =	522.655	(63.05)
TEMP	13 =	522.355	(62.77)
TEMP	14 =	522.390	(62.85)
TEMP	15 =	522.454	(62.82)
TEMP	16 =	523.180	(63.58)
TEMP	17 =	522.880	(63.31)
TEMP	18 =	522.725	(63.14)
PRES	1 =	45.206	(92735.)
VPRS	1 =	0.192	(52.04)
VPRS	2 =	0.188	(51.51)
VPRS	3 =	0.165	(47.90)
VPRS	4 =	0.243	(58.62)
VPRS	5 =	0.206	(53.81)
VPRS	6 =	0.236	(57.64)

SUMMARY OF CORRECTED DATA

TIME = 1745
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.773

CORRECTED PRESSURE (PSIA) = 44.9997

SUMMARY OF MEASURED DATA AT 1800 0311

TEMP	1 =	524.331	(64.78)
TEMP	2 =	521.874	(62.31)
TEMP	3 =	522.059	(62.49)
TEMP	4 =	522.925	(63.35)
TEMP	5 =	522.800	(63.20)
TEMP	6 =	523.636	(64.05)
TEMP	7 =	525.411	(65.82)
TEMP	8 =	523.185	(63.64)
TEMP	9 =	522.334	(62.76)
TEMP	10 =	522.790	(63.26)
TEMP	11 =	523.521	(63.95)
TEMP	12 =	522.725	(63.12)
TEMP	13 =	522.315	(62.73)
TEMP	14 =	522.440	(62.90)
TEMP	15 =	522.434	(62.80)
TEMP	16 =	523.230	(63.63)
TEMP	17 =	522.910	(63.34)
TEMP	18 =	522.785	(63.20)
PRES	1 =	45.208	(92739.)
VPRS	1 =	0.191	(51.97)
VPRS	2 =	0.190	(51.73)
VPRS	3 =	0.178	(49.90)
VPRS	4 =	0.235	(57.67)
VPRS	5 =	0.205	(53.79)
VPRS	6 =	0.240	(58.07)

SUMMARY OF CORRECTED DATA

TIME = 1800
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.807

CORRECTED PRESSURE (PSIA) = 45.0000

SUMMARY OF MEASURED DATA AT 1815 0311

TEMP	1 =	524.381	(64.83)
TEMP	2 =	521.874	(62.31)
TEMP	3 =	522.129	(62.56)
TEMP	4 =	522.995	(63.42)
TEMP	5 =	522.840	(63.24)
TEMP	6 =	523.676	(64.09)
TEMP	7 =	525.451	(65.86)
TEMP	8 =	523.105	(63.56)
TEMP	9 =	522.314	(62.74
TEMP	10 =	522.780	(63.2'
TEMP	11 =	523.531	(63.96)
TEMP	12 =	522.735	(63.13)
TEMP	13 =	522.365	(62.78)
TEMP	14 =	522.490	(62.95)
TEMP	15 =	522.494	(62.86)
TEMP	16 =	523.260	(63.66)
TEMP	17 =	522.930	(63.36)
TEMP	18 =	522.845	(63.26)
PRES	1 =	45.210	(92743.)
VPRS	1 =	0.192	(52.03)
VPRS	2 =	0.189	(51.65)
VPRS	3 =	0.177	(49.76)
VPRS	4 =	0.233	(57.38)
VPRS	5 =	0.205	(53.80)
VPRS	6 =	0.238	(57.83)

SUMMARY OF CORRECTED DATA

TIME = 1815
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.840

CORRECTED PRESSURE (PSIA) = 45.0029

SUMMARY OF MEASURED DATA AT 1830 0311

TEMP	1 =	524.431	(64.88)
TEMP	2 =	521.924	(62.36)
TEMP	3 =	522.129	(62.56)
TEMP	4 =	523.015	(63.44)
TEMP	5 =	522.900	(63.30)
TEMP	6 =	523.636	(64.05)
TEMP	7 =	525.401	(65.81)
TEMP	8 =	523.295	(63.75)
TEMP	9 =	522.344	(62.77)
TEMP	10 =	522.830	(63.30)
TEMP	11 =	523.561	(63.99)
TEMP	12 =	522.775	(63.17)
TEMP	13 =	522.445	(62.86)
TEMP	14 =	522.450	(62.91)
TEMP	15 =	522.514	(62.88)
TEMP	16 =	523.270	(63.67)
TEMP	17 =	522.980	(63.41)
TEMP	18 =	522.865	(63.28)
PRES	1 =	45.213	(92749.)
VPRS	1 =	0.192	(52.05)
VPRS	2 =	0.187	(51.33)
VPRS	3 =	0.171	(48.87)
VPRS	4 =	0.247	(59.06)
VPRS	5 =	0.206	(53.89)
VPRS	6 =	0.241	(58.20)

SUMMARY OF CORRECTED DATA

TIME = 1830
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.872

CORRECTED PRESSURE (PSIA) = 45.0038

SUMMARY OF MEASURED DATA AT 1845 0311

TEMP	1 =	524.451	(64.90)
TEMP	2 =	521.954	(62.39)
TEMP	3 =	522.219	(62.65)
TEMP	4 =	523.055	(63.48)
TEMP	5 =	522.910	(63.31)
TEMP	6 =	523.726	(64.14)
TEMP	7 =	525.542	(65.95)
TEMP	8 =	523.205	(63.66)
TEMP	9 =	522.384	(62.81)
TEMP	10 =	522.870	(63.34)
TEMP	11 =	523.591	(64.02)
TEMP	12 =	522.775	(63.17)
TEMP	13 =	522.385	(62.80)
TEMP	14 =	522.460	(62.92)
TEMP	15 =	522.554	(62.92)
TEMP	16 =	523.270	(63.67)
TEMP	17 =	523.010	(63.44)
TEMP	18 =	522.865	(63.28)
PRES	1 =	45.215	(92753.)
VPRS	1 =	0.191	(52.01)
VPRS	2 =	0.188	(51.48)
VPRS	3 =	0.174	(49.28)
VPRS	4 =	0.239	(58.11)
VPRS	5 =	0.205	(53.74)
VPRS	6 =	0.238	(57.82)

SUMMARY OF CORRECTED DATA

TIME = 1845
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.886

CORRECTED PRESSURE (PSIA) = 45.0075

SUMMARY OF MEASURED DATA AT 1900 0311

TEMP	1 =	524.501	(64.95)
TEMP	2 =	521.974	(62.41)
TEMP	3 =	522.309	(62.74)
TEMP	4 =	523.045	(63.47)
TEMP	5 =	522.940	(63.34)
TEMP	6 =	523.716	(64.13)
TEMP	7 =	525.542	(65.95)
TEMP	8 =	523.355	(63.81)
TEMP	9 =	522.434	(62.86)
TEMP	10 =	522.850	(63.32)
TEMP	11 =	523.631	(64.06)
TEMP	12 =	522.815	(63.21)
TEMP	13 =	522.415	(62.83)
TEMP	14 =	522.570	(63.03)
TEMP	15 =	522.574	(62.94)
TEMP	16 =	523.370	(63.77)
TEMP	17 =	523.010	(63.44)
TEMP	18 =	522.915	(63.33)
PRES	1 =	45.217	(92758.)
VPRS	1 =	0.192	(52.04)
VPRS	2 =	0.188	(51.47)
VPRS	3 =	0.175	(49.46)
VPRS	4 =	0.238	(58.07)
VPRS	5 =	0.205	(53.77)
VPRS	6 =	0.237	(57.74)

SUMMARY OF CORRECTED DATA

TIME = 1900
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.930

CORRECTED PRESSURE (PSIA) = 45.0098

SUMMARY OF MEASURED DATA AT 1915 0311

TEMP	1 =	524.501	(64.95)
TEMP	2 =	522.014	(62.45)
TEMP	3 =	522.249	(62.68)
TEMP	4 =	523.085	(63.51)
TEMP	5 =	522.950	(63.35)
TEMP	6 =	523.746	(64.16)
TEMP	7 =	525.692	(66.10)
TEMP	8 =	523.495	(63.95)
TEMP	9 =	522.505	(62.93)
TEMP	10 =	522.890	(63.36)
TEMP	11 =	523.651	(64.08)
TEMP	12 =	522.865	(63.26)
TEMP	13 =	522.455	(62.87)
TEMP	14 =	522.580	(63.04)
TEMP	15 =	522.594	(62.96)
TEMP	16 =	523.380	(63.78)
TEMP	17 =	523.060	(63.49)
TEMP	18 =	522.955	(63.37)
PRES	1 =	45.220	(92764.)
VPRS	1 =	0.192	(52.10)
VPRS	2 =	0.190	(51.78)
VPRS	3 =	0.177	(49.77)
VPRS	4 =	0.235	(57.66)
VPRS	5 =	0.205	(53.70)
VPRS	6 =	0.243	(58.37)

SUMMARY OF CORRECTED DATA

TIME = 1915
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.961

CORRECTED PRESSURE (PSIA) = 45.0117

SUMMARY OF MEASURED DATA AT 1930 0311

TEMP	1 =	524.541	(64.99)
TEMP	2 =	522.014	(62.45)
TEMP	3 =	522.279	(62.71)
TEMP	4 =	523.125	(63.55)
TEMP	5 =	522.960	(63.36)
TEMP	6 =	523.746	(64.16)
TEMP	7 =	525.532	(65.94)
TEMP	8 =	523.275	(63.73)
TEMP	9 =	522.525	(62.95)
TEMP	10 =	522.920	(63.39)
TEMP	11 =	523.691	(64.12)
TEMP	12 =	522.895	(63.29)
TEMP	13 =	522.515	(62.93)
TEMP	14 =	522.610	(63.07)
TEMP	15 =	522.644	(63.01)
TEMP	16 =	523.450	(63.85)
TEMP	17 =	523.090	(63.52)
TEMP	18 =	522.965	(63.38)
PPES	1 =	45.223	(92770.)
VPRS	1 =	0.192	(52.05)
VPRS	2 =	0.189	(51.60)
VPRS	3 =	0.178	(49.95)
VPRS	4 =	0.237	(57.87)
VPRS	5 =	0.205	(53.72)
VPRS	6 =	0.242	(58.36)

SUMMARY OF CORRECTED DATA

TIME = 1930
DATE = 0311

TEMPERATURE (DEGREES R.) = 522.987

CORRECTED PRESSURE (PSIA) = 45.0143

SUMMARY OF MEASURED DATA AT 1945 0311

TEMP	1 =	524.571	(65.02)
TEMP	2 =	522.024	(62.46)
TEMP	3 =	522.299	(62.73)
TEMP	4 =	523.165	(63.59)
TEMP	5 =	523.000	(63.40)
TEMP	6 =	523.906	(64.32)
TEMP	7 =	525.652	(66.06)
TEMP	8 =	523.425	(63.88)
TEMP	9 =	522.575	(63.00)
TEMP	10 =	522.920	(63.39)
TEMP	11 =	523.721	(64.15)
TEMP	12 =	522.915	(63.31)
TEMP	13 =	522.505	(62.92)
TEMP	14 =	522.650	(63.11)
TEMP	15 =	522.674	(63.04)
TEMP	16 =	523.500	(63.90)
TEMP	17 =	523.090	(63.52)
TEMP	18 =	523.005	(63.42)
PRES	1 =	45.225	(92775.)
VPRS	1 =	0.192	(52.09)
VPRS	2 =	0.189	(51.59)
VPRS	3 =	0.175	(49.43)
VPRS	4 =	0.237	(57.94)
VPRS	5 =	0.205	(53.73)
VPRS	6 =	0.241	(58.17)

SUMMARY OF CORRECTED DATA

TIME = 1945
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.019

CORRECTED PRESSURE (PSIA) = 45.0175

SUMMARY OF MEASURED DATA AT 2000 0311

TEMP	1 =	524.561	(65.01)
TEMP	2 =	522.094	(62.53)
TEMP	3 =	522.299	(62.73)
TEMP	4 =	523.195	(63.62)
TEMP	5 =	523.020	(63.42)
TEMP	6 =	523.906	(64.32)
TEMP	7 =	525.702	(66.11)
TEMP	8 =	523.485	(63.94)
TEMP	9 =	522.565	(62.99)
TEMP	10 =	522.990	(63.46)
TEMP	11 =	521.778	(62.21)
TEMP	12 =	522.945	(63.34)
TEMP	13 =	522.585	(63.00)
TEMP	14 =	522.690	(63.15)
TEMP	15 =	522.715	(63.08)
TEMP	16 =	523.500	(63.90)
TEMP	17 =	523.170	(63.60)
TEMP	18 =	523.025	(63.44)
PRES	1 =	45.229	(92782.)
VPRS	1 =	0.192	(52.09)
VPRS	2 =	0.190	(51.75)
VPRS	3 =	0.175	(49.43)
VPRS	4 =	0.235	(57.61)
VPRS	5 =	0.205	(53.68)
VPRS	6 =	0.237	(57.78)

SUMMARY OF CORRECTED DATA

TIME = 2000
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.002

CORRECTED PRESSURE (PSIA) = 45.0218

SUMMARY OF MEASURED DATA AT 2015 0311

TEMP	1 =	524.621	(65.07)
TEMP	2 =	522.084	(62.52)
TEMP	3 =	522.319	(62.75)
TEMP	4 =	523.215	(63.64)
TEMP	5 =	523.090	(63.49)
TEMP	6 =	523.956	(64.37)
TEMP	7 =	525.822	(66.23)
TEMP	8 =	523.525	(63.98)
TEMP	9 =	522.615	(63.04)
TEMP	10 =	523.000	(63.47)
TEMP	11 =	523.811	(64.24)
TEMP	12 =	522.975	(63.37)
TEMP	13 =	522.605	(63.02)
TEMP	14 =	522.750	(63.21)
TEMP	15 =	522.745	(63.11)
TEMP	16 =	523.590	(63.99)
TEMP	17 =	523.200	(63.63)
TEMP	18 =	523.055	(63.47)
PRES	1 =	45.231	(92788.)
VPRS	1 =	0.192	(52.04)
VPRS	2 =	0.190	(51.74)
VPRS	3 =	0.179	(50.11)
VPRS	4 =	0.236	(57.78)
VPRS	5 =	0.205	(53.71)
VPRS	6 =	0.239	(57.95)

SUMMARY OF CORRECTED DATA

TIME = 2015
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.096

CORRECTED PRESSURE (PSIA) = 45.0234

SUMMARY OF MEASURED DATA AT 2030 0311

TEMP	1 =	524.691	(65.14)
TEMP	2 =	522.144	(62.58)
TEMP	3 =	522.379	(62.81)
TEMP	4 =	523.255	(63.68)
TEMP	5 =	523.150	(63.55)
TEMP	6 =	524.016	(64.43)
TEMP	7 =	525.792	(66.20)
TEMP	8 =	523.565	(64.02)
TEMP	9 =	522.645	(63.07)
TEMP	10 =	523.050	(63.52)
TEMP	11 =	523.851	(64.28)
TEMP	12 =	523.025	(63.42)
TEMP	13 =	522.675	(63.09)
TEMP	14 =	522.690	(63.15)
TEMP	15 =	522.765	(63.13)
TEMP	16 =	523.620	(64.02)
TEMP	17 =	523.240	(63.67)
TEMP	18 =	523.085	(63.50)
PRES	1 =	45.234	(92793.)
VPRS	1 =	0.192	(52.08)
VPRS	2 =	0.189	(51.60)
VPRS	3 =	0.178	(49.98)
VPRS	4 =	0.235	(57.60)
VPRS	5 =	0.205	(53.80)
VPRS	6 =	0.242	(58.25)

SUMMARY OF CORRECTED DATA

TIME = 2030
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.132

CORRECTED PRESSURE (PSIA) = 45.0258

SUMMARY OF MEASURED DATA AT 2045 0311

TEMP	1 =	524.751	(65.20)
TEMP	2 =	522.204	(62.64)
TEMP	3 =	522.429	(62.86)
TEMP	4 =	523.295	(63.72)
TEMP	5 =	523.150	(63.55)
TEMP	6 =	523.986	(64.40)
TEMP	7 =	525.802	(66.21)
TEMP	8 =	523.545	(64.00)
TEMP	9 =	522.675	(63.10)
TEMP	10 =	523.100	(63.57)
TEMP	11 =	523.871	(64.30)
TEMP	12 =	523.065	(63.46)
TEMP	13 =	522.705	(63.12)
TEMP	14 =	522.810	(63.27)
TEMP	15 =	522.815	(63.18)
TEMP	16 =	523.480	(63.88)
TEMP	17 =	523.270	(63.70)
TEMP	18 =	523.185	(63.60)
PRES	1 =	45.237	(92800.)
VPRS	1 =	0.192	(52.15)
VPRS	2 =	0.190	(51.77)
VPRS	3 =	0.175	(49.54)
VPRS	4 =	0.235	(57.61)
VPRS	5 =	0.205	(53.73)
VPRS	6 =	0.240	(58.02)

SUMMARY OF CORRECTED DATA

TIME = 2045
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.164

CORRECTED PRESSURE (PSIA) = 45.0299

SUMMARY OF MEASURED DATA AT 2100 0311

TEMP 1 =	524.751	(65.20)
TEMP 2 =	522.204	(62.64)
TEMP 3 =	522.479	(62.91)
TEMP 4 =	523.72<	(63.75)
TEMP 5 =	523.160	(63.56)
TEMP 6 =	524.086	(64.50)
TEMP 7 =	525.872	(66.28)
TEMP 8 =	523.515	(63.97)
TEMP 9 =	522.685	(63.11)
TEMP 10 =	523.100	(63.57)
TEMP 11 =	523.921	(64.35)
TEMP 12 =	523.085	63.48)
TEMP 13 =	522.705	(63.12)
TEMP 14 =	522.770	(63.23)
TEMP 15 =	522.825	(63.19)
TEMP 16 =	523.560	(63.96)
TEMP 17 =	523.290	(63.72)
TEMP 18 =	523.385	(63.60)
PRES 1 =	45.240	(92805.)
VPRS 1 =	0.192	(52.03)
VPRS 2 =	0.189	(51.58)
VPRS 3 =	0.177	(49.73)
VPRS 4 =	0.238	(57.96)
VPRS 5 =	0.205	(53.79)
VPRS 6 =	0.241	(58.20)

SUMMARY OF CORRECTED DATA

TIME = 2100
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.179

CORRECTED PRESSURE (PSIA) = 45.0315

SUMMARY OF MEASURED DATA AT 2115 0311

TEMP	1 =	524.771	(65.22)
TEMP	2 =	522.244	(62.68)
TEMP	3 =	522.469	(62.90)
TEMP	4 =	523.355	(63.78)
TEMP	5 =	523.190	(63.59)
TEMP	6 =	524.126	(64.54)
TEMP	7 =	525.932	(66.34)
TEMP	8 =	523.715	(64.17)
TEMP	9 =	522.765	(63.19)
TEMP	10 =	523.160	(63.63)
TEMP	11 =	523.951	(64.38)
TEMP	12 =	523.115	(63.51)
TEMP	13 =	522.755	(63.17)
TEMP	14 =	522.820	(63.28)
TEMP	15 =	522.935	(63.30)
TEMP	16 =	523.681	(64.08)
TEMP	17 =	523.330	(63.78)
TEMP	18 =	523.205	(63.62)
PRES	1 =	45.243	(92811.)
VPRS	1 =	0.192	(52.08)
VPRS	2 =	0.188	(51.51)
VPRS	3 =	0.176	(49.64)
VPRS	4 =	0.236	(57.82)
VPRS	5 =	0.206	(53.82)
VPRS	6 =	0.243	(58.37)

SUMMARY OF CORRECTED DATA

TIME = 2115
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.233

CORRECTED PRESSURE (PSIA) = 45.0344

SUMMARY OF MEASURED DATA AT 2130 0311

TEMP	1 =	524.831	(65.28)
TEMP	2 =	522.284	(62.72)
TEMP	3 =	522.489	(62.92)
TEMP	4 =	523.385	(63.81)
TEMP	5 =	523.300	(63.70)
TEMP	6 =	524.096	(64.51)
TEMP	7 =	525.932	(66.34)
TEMP	8 =	523.745	(64.20)
TEMP	9 =	522.785	(63.21)
TEMP	10 =	523.170	(63.64)
TEMP	11 =	524.001	(64.43)
TEMP	12 =	523.135	(63.53)
TEMP	13 =	522.735	(63.15)
TEMP	14 =	522.820	(63.28)
TEMP	15 =	522.895	(63.26)
TEMP	16 =	523.631	(64.03)
TEMP	17 =	523.350	(63.78)
TEMP	18 =	523.185	(63.60)
PRES	1 =	45.245	(92816.)
VPRS	1 =	0.192	(52.09)
VPRS	2 =	0.190	(51.68)
VPRS	3 =	0.177	(49.82)
VPRS	4 =	0.237	(57.88)
VPRS	5 =	0.206	(53.83)
VPRS	6 =	0.243	(58.46)

SUMMARY OF CORRECTED DATA

TIME = 2130
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.241

CORRECTED PRESSURE (PSIA) = 45.0362

SUMMARY OF MEASURED DATA AT 2145 0311

TEMP	1 =	524.851	(65.30)
TEMP	2 =	522.344	(62.78)
TEMP	3 =	522.509	(62.94)
TEMP	4 =	523.405	(63.83)
TEMP	5 =	523.270	(63.67)
TEMP	6 =	524.096	(64.51)
TEMP	7 =	525.972	(66.38)
TEMP	8 =	523.685	(64.14)
TEMP	9 =	522.795	(63.22)
TEMP	10 =	523.200	(63.67)
TEMP	11 =	524.021	(64.45)
TEMP	12 =	523.175	(63.57)
TEMP	13 =	522.755	(63.17)
TEMP	14 =	522.910	(63.37)
TEMP	15 =	522.915	(63.28)
TEMP	16 =	523.711	(64.11)
TEMP	17 =	523.390	(63.82)
TEMP	18 =	523.215	(63.63)
PRES	1 =	45.248	(92822.)
VPRS	1 =	0.192	(52.04)
VPRS	2 =	0.188	(51.38)
VPRS	3 =	0.172	(49.08)
VPRS	4 =	0.240	(58.25)
VPRS	5 =	0.206	(53.88)
VPRS	6 =	0.241	(58.23)

SUMMARY OF CORRECTED DATA

TIME = 2145
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.274

CORRECTED PRESSURE (PSIA) = 45.0401

SUMMARY OF MEASURED DATA AT 2200 0311

TEMP	1 =	524.891	(65.34)
TEMP	2 =	522.324	(62.76)
TEMP	3 =	522.620	(63.05)
TEMP	4 =	523.455	(63.89)
TEMP	5 =	523.300	(63.70)
TEMP	6 =	524.207	(64.62)
TEMP	7 =	526.012	(66.42)
TEMP	8 =	523.665	(64.12)
TEMP	9 =	522.805	(63.23)
TEMP	10 =	523.240	(63.71)
TEMP	11 =	524.031	(64.46)
TEMP	12 =	523.215	(63.61)
TEMP	13 =	522.875	(63.29)
TEMP	14 =	522.920	(63.38)
TEMP	15 =	523.015	(63.38)
TEMP	16 =	523.721	(64.12)
TEMP	17 =	523.430	(63.86)
TEMP	18 =	523.315	(63.73)
PRES	1 =	45.251	(92828.)
VPRS	1 =	0.192	(52.02)
VPRS	2 =	0.188	(51.42)
VPRS	3 =	0.175	(49.50)
VPRS	4 =	0.238	(58.01)
VPRS	5 =	0.206	(53.85)
VPRS	6 =	0.242	(58.27)

SUMMARY OF CORRECTED DATA

TIME = 2200
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.324

CORRECTED PRESSURE (PSIA) = 45.0428

SUMMARY OF MEASURED DATA AT 2215 0311

TEMP	1	=	524.921	(65.37)
TEMP	2	=	522.344	(62.78)
TEMP	3	=	522.560	(62.99)
TEMP	4	=	523.485	(63.91)
TEMP	5	=	523.330	(63.73)
TEMP	6	=	524.247	(64.66)
TEMP	7	=	526.042	(66.45)
TEMP	8	=	523.585	(64.04)
TEMP	9	=	522.855	(63.28)
TEMP	10	=	523.260	(63.73)
TEMP	11	=	524.061	(64.49)
TEMP	12	=	523.245	(63.64)
TEMP	13	=	522.865	(63.28)
TEMP	14	=	522.980	(63.44)
TEMP	15	=	523.005	(63.37)
TEMP	16	=	523.691	(64.09)
TEMP	17	=	523.440	(63.87)
TEMP	18	=	523.355	(63.77)
PRES	1	=	45.253	(92832.)
VPRS	1	=	0.192	(52.02)
VPRS	2	=	0.187	(51.29)
VPRS	3	=	0.173	(49.23)
VPRS	4	=	0.241	(58.41)
VPRS	5	=	0.206	(53.83)
VPRS	6	=	0.241	(58.19)

SUMMARY OF CORRECTED DATA

TIME = 2215
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.338

CORRECTED PRESSURE (PSIA) = 45.0447

SUMMARY OF MEASURED DATA AT 2230 0311

TEMP	1 =	524.921	(65.37)
TEMP	2 =	522.394	(62.83)
TEMP	3 =	522.519	(62.95)
TEMP	4 =	523.525	(63.95)
TEMP	5 =	523.380	(63.78)
TEMP	6 =	524.247	(64.66)
TEMP	7 =	526.112	(66.52)
TEMP	8 =	523.835	(64.29)
TEMP	9 =	522.865	(63.29)
TEMP	10 =	523.270	(63.74)
TEMP	11 =	524.091	(64.52)
TEMP	12 =	523.245	(63.64)
TEMP	13 =	522.885	(63.30)
TEMP	14 =	523.060	(63.52)
TEMP	15 =	523.035	(63.40)
TEMP	16 =	523.801	(64.20)
TEMP	17 =	523.510	(63.94)
TEMP	18 =	523.375	(63.79)
PRES	1 =	45.256	(92838.)
VPRS	1 =	0.193	(52.16)
VPRS	2 =	0.188	(51.40)
VPRS	3 =	0.178	(49.98)
VPRS	4 =	0.240	(58.26)
VPRS	5 =	0.207	(53.94)
VPRS	6 =	0.248	(58.98)

SUMMARY OF CORRECTED DATA

TIME = 2230
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.382

CORRECTED PRESSURE (PSIA) = 45.0453

SUMMARY OF MEASURED DATA AT 2245 0311

TEMP	1 =	524.961	(65.41)
TEMP	2 =	522.404	(62.84)
TEMP	3 =	522.670	(63.10)
TEMP	4 =	523.546	(63.97)
TEMP	5 =	523.450	(63.85)
TEMP	6 =	524.277	(64.69)
TEMP	7 =	526.082	(66.49)
TEMP	8 =	523.825	(64.28)
TEMP	9 =	522.915	(63.34)
TEMP	10 =	523.330	(63.80)
TEMP	11 =	524.151	(64.58)
TEMP	12 =	523.305	(63.70)
TEMP	13 =	522.935	(63.35)
TEMP	14 =	523.020	(63.48)
TEMP	15 =	523.065	(63.43)
TEMP	16 =	523.881	(64.28)
TEMP	17 =	523.530	(63.96)
TEMP	18 =	523.365	(63.78)
PRES	1 =	45.258	(92842.)
VPRS	1 =	0.193	(52.20)
VPRS	2 =	0.189	(51.62)
VPRS	3 =	0.173	(49.12)
VPRS	4 =	0.240	(58.26)
VPRS	5 =	0.207	(53.95)
VPRS	6 =	0.244	(58.52)

SUMMARY OF CORRECTED DATA

TIME = 2245
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.416

CORRECTED PRESSURE (PSIA) = 45.0487

SUMMARY OF MEASURED DATA AT 2300 0311

TEMP	1 =	525.001	(65.45)
TEMP	2 =	522.394	(62.83)
TEMP	3 =	522.710	(63.14)
TEMP	4 =	523.586	(64.01)
TEMP	5 =	523.470	(63.87)
TEMP	6 =	524.317	(64.73)
TEMP	7 =	526.122	(66.53)
TEMP	8 =	523.835	(64.29)
TEMP	9 =	522.965	(63.39)
TEMP	10 =	523.360	(63.83)
TEMP	11 =	524.141	(64.57)
TEMP	12 =	523.325	(63.72)
TEMP	13 =	522.935	(63.35)
TEMP	14 =	523 110	(63.57)
TEMP	15 =	523.065	(63.43)
TEMP	16 =	523.871	(64.27)
TEMP	17 =	523.530	(63.96)
TEMP	18 =	523.385	(63.80)
PRES	1 =	45.260	(92848.)
VPRS	1 =	0.193	(52.23)
VPRS	2 =	0.187	(51.27)
VPRS	3 =	0.172	(49.05)
VPRS	4 =	0.247	(59.09)
VPRS	5 =	0.208	(54.13)
VPRS	6 =	0.249	(59.11)

SUMMARY OF CORRECTED DATA

TIME = 2300
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.435

CORRECTED PRESSURE (PSIA) = 45.0495

SUMMARY OF MEASURED DATA AT 2315 0311

TEMP	1 =	525.051	(65.50)
TEMP	2 =	522.465	(62.90)
TEMP	3 =	522.660	(63.09)
TEMP	4 =	523.576	(64.00)
TEMP	5 =	523.480	(63.88)
TEMP	6 =	524.337	(64.75)
TEMP	7 =	526.112	(66.52)
TEMP	8 =	523.755	(64.21)
TEMP	9 =	523.025	(63.45)
TEMP	10 =	523.360	(63.83)
TEMP	11 =	524.181	(64.61)
TEMP	12 =	523.375	(63.77)
TEMP	13 =	522.965	(63.38)
TEMP	14 =	523.100	(63.56)
TEMP	15 =	523.145	(63.51)
TEMP	16 =	523.791	(64.19)
TEMP	17 =	523.540	(63.97)
TEMP	18 =	523.465	(63.88)
PRES	1 =	45.263	(92853.)
VPRS	1 =	0.192	(5c.13)
VPRS	2 =	0.186	(54.22)
VPRS	3 =	0.172	49.00)
VPRS	4 =	0.248	59.17)
VPRS	5 =	0.209	(54.20)
VPRS	6 =	0.250	(59.24)

SUMMARY OF CORRECTED DATA

TIME = 2315
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.456

CORRECTED PRESSURE (PSIA) = 45.0517

SUMMARY OF MEASURED DATA AT 2330 0311

TEMP	1 =	525.071	(65.52)
TEMP	2 =	522.495	(62.93)
TEMP	3 =	522.740	(63.17)
TEMP	4 =	523.616	(64.04)
TEMP	5 =	523.520	(.92)
TEMP	6 =	524.417	(..83)
TEMP	7 =	526.152	(66.56)
TEMP	8 =	523.875	(64.33)
TEMP	9 =	523.025	(63.45)
TEMP	10 =	523.400	(63.87)
TEMP	11 =	524.241	(64.67)
TEMP	12 =	523.405	(63.80)
TEMP	13 =	523.005	(63.42)
TEMP	14 =	523.170	(63.63)
TEMP	15 =	523.165	(63.53)
TEMP	16 =	523.911	(64.31)
TEMP	17 =	523.580	(64.01)
TEMP	18 =	523.465	(63.88)
PRES	1 =	45.265	(92858.)
VPRS	1 =	0.192	(52.12)
VPRS	2 =	0.189	(51.53)
VPRS	3 =	0.174	(49.38)
VPRS	4 =	0.245	(58.82)
VPRS	5 =	0.207	(54.06)
VPRS	6 =	0.247	(58.89)

SUMMARY OF CORRECTED DATA

TIME = 2330
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.502

CORRECTED PRESSURE (PSIA) = 45.0547

SUMMARY OF MEASURED DATA AT 2345 0311

TEMP	1 =	525.051	(65.50)
TEMP	2 =	522.535	(62.97)
TEMP	3 =	522.790	(63.22)
TEMP	4 =	523.686	(64.11)
TEMP	5 =	523.520	(63.92)
TEMP	6 =	524.437	(64.85)
TEMP	7 =	526.162	(66.57)
TEMP	8 =	523.985	(64.44)
TEMP	9 =	523.055	(63.48)
TEMP	10 =	523.420	(63.89)
TEMP	11 =	524.251	(64.68)
TEMP	12 =	523.415	(63.81)
TEMP	13 =	523.055	(63.47)
TEMP	14 =	523.100	(63.56)
TEMP	15 =	523.205	(63.57)
TEMP	16 =	523.981	(64.38)
TEMP	17 =	523.731	(64.06)
TEMP	18 =	523.473	(63.89)
PRES	1 =	45.268	(92863.)
VPRS	1 =	0.192	(52.08)
VPRS	2 =	0.187	(51.29)
VPRS	3 =	0.172	(48.99)
VPRS	4 =	0.246	(58.89)
VPRS	5 =	0.208	(54.16)
VPRS	6 =	0.250	(59.25)

SUMMARY OF CORRECTED DATA

TIME = 2345
DATE = 0311

TEMPERATURE (DEGREES R.) = 523.525

CORRECTED PRESSURE (PSIA) = 45.0570

SUMMARY OF MEASURED DATA AT 0 0312

TEMP	1 =	525.091	(65.54)
TEMP	2 =	522.555	(62.99)
TEMP	3 =	522.760	(63.19)
TEMP	4 =	523.676	(64.10)
TEMP	5 =	523.550	(63.95)
TEMP	6 =	524.417	(64.83)
TEMP	7 =	526.132	(66.54)
TEMP	8 =	524.055	(64.51)
TEMP	9 =	523.095	(63.52)
TEMP	10 =	523.430	(63.90)
TEMP	11 =	524.282	(64.71)
TEMP	12 =	523.425	(63.82)
TEMP	13 =	523.075	(63.49)
TEMP	14 =	523.150	(63.61)
TEMP	15 =	523.215	(63.58)
TEMP	16 =	523.991	(64.39)
TEMP	17 =	523.631	(64.06)
TEMP	18 =	523.545	(63.96)
PRES	1 =	45.270	(92868.)
VPRS	1 =	0.193	(52.20)
VPRS	2 =	0.185	(51.07)
VPRS	3 =	0.172	(49.08)
VPRS	4 =	0.245	(58.87)
VPRS	5 =	0.209	(54.24)
VPRS	6 =	0.249	(59.07)

SUMMARY OF CORRECTED DATA

TIME = 0
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.547

CORRECTED PRESSURE (PSIA) = 45.0596

SUMMARY OF MEASURED DATA AT 15 0312

TEMP	1 =	525.091	(65.54)
TEMP	2 =	522.575	(63.01)
TEMP	3 =	522.770	(63.20)
TEMP	4 =	523.716	(64.14)
TEMP	5 =	523.610	(64.01)
TEMP	6 =	524.427	(64.84)
TEMP	7 =	526.242	(66.65)
TEMP	8 =	523.975	(64.43)
TEMP	9 =	523.125	(63.55)
TEMP	10 =	523.490	(63.96)
TEMP	11 =	524.292	(64.72)
TEMP	12 =	523.445	(63.84)
TEMP	13 =	523.105	(63.52)
TEMP	14 =	523.190	(63.65)
TEMP	15 =	523.265	(63.63)
TEMP	16 =	524.021	(64.42)
TEMP	17 =	523.641	(64.07)
TEMP	18 =	523.565	(63.98)
PRES	1 =	45.272	(92872.)
VPRS	1 =	0.193	(52.24)
VPRS	2 =	0.185	(51.06)
VPRS	3 =	0.174	(49.33)
VPRS	4 =	0.246	(58.95)
VPRS	5 =	0.209	(54.29)
VPRS	6 =	0.248	(58.97)

SUMMARY OF CORRECTED DATA

TIME = 15
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.574

CORRECTED PRESSURE (PSIA) = 45.0612

SUMMARY OF MEASURED DATA AT 30 0312

TEMP	1 =	525.141	(65.59)
TEMP	2 =	522.585	(63.02)
TEMP	3 =	522.870	(63.30)
TEMP	4 =	523.726	(64.15)
TEMP	5 =	523.600	(64.00)
TEMP	6 =	524.537	(64.95)
TEMP	7 =	526.202	(66.61)
TEMP	8 =	523.995	(64.45)
TEMP	9 =	523.145	(63.57)
TEMP	10 =	523.510	(63.98)
TEMP	11 =	524.322	(64.75)
TEMP	12 =	523.495	(63.89)
TEMP	13 =	523.135	(63.55)
TEMP	14 =	523.210	(63.67)
TEMP	15 =	523.285	(63.65)
TEMP	16 =	523.881	(64.28)
TEMP	17 =	523.731	(64.16)
TEMP	18 =	523.595	(64.01)
PRES	1 =	45.275	(92877.)
VPRS	1 =	0.192	(52.12)
VPRS	2 =	0.185	(51.07)
VPRS	3 =	0.182	(50.55)
VPRS	4 =	0.246	(58.97)
VPRS	5 =	0.210	(54.40)
VPRS	6 =	0.251	(59.32)

SUMMARY OF CORRECTED DATA

TIME = 30
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.594

CORRECTED PRESSURE (PSIA) = 45.0615

SUMMARY OF MEASURED DATA AT 45 0312

TEMP	1 =	525.131	(65.58)
TEMP	2 =	522.615	(63.05)
TEMP	3 =	522.880	(63.31)
TEMP	4 =	523.796	(64.22)
TEMP	5 =	523.670	(64.07)
TEMP	6 =	524.357	(64.97)
TEMP	7 =	526.252	(66.66)
TEMP	8 =	523.965	(64.42)
TEMP	9 =	523.155	(63.58)
TEMP	10 =	523.540	(64.01)
TEMP	11 =	524.342	(64.77)
TEMP	12 =	523.525	(63.92)
TEMP	13 =	523.145	(63.56)
TEMP	14 =	523.250	(63.71)
TEMP	15 =	523.295	(63.66)
TEMP	16 =	524.011	(64.41)
TEMP	17 =	523.761	(64.19)
TEMP	18 =	523.635	(64.05)
PRES	1 =	45.277	(92882.)
VPRS	1 =	0.192	(52.14)
VPRS	2 =	0.185	(51.09)
VPRS	3 =	0.180	(50.19)
VPRS	4 =	0.247	(59.03)
VPRS	5 =	0.210	(54.38)
VPRS	6 =	0.249	(59.09)

SUMMARY OF CORRECTED DATA

TIME = 45
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.630

CORRECTED PRESSURE (PSIA) = 45.0647

SUMMARY OF MEASURED DATA AT 100 0312

TEMP	1 =	525.201	(65.65)
TEMP	2 =	522.655	(63.09)
TEMP	3 =	522.850	(63.28)
TEMP	4 =	523.816	(64.24)
TEMP	5 =	523.630	(64.03)
TEMP	6 =	524.527	(64.94)
TEMP	7 =	526.212	(66.62)
TEMP	8 =	524.025	(64.48)
TEMP	9 =	523.195	(63.62)
TEMP	10 =	523.550	(64.02)
TEMP	11 =	524.362	(64.79)
TEMP	12 =	523.535	(63.93)
TEMP	13 =	523.225	(63.64)
TEMP	14 =	523.330	(63.79)
TEMP	15 =	523.335	(63.70)
TEMP	16 =	524.071	(64.47)
TEMP	17 =	523.761	(64.19)
TEMP	18 =	523.625	(64.04)
PRES	1 =	45.279	(92887.)
VPRS	1 =	0.192	(52.02)
VPRS	2 =	0.184	(50.92)
VPRS	3 =	0.172	(49.00)
VPRS	4 =	0.247	(59.02)
VPRS	5 =	0.210	(54.33)
VPRS	6 =	0.249	(59.07)

SUMMARY OF CORRECTED DATA

TIME = 100
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.658

CORRECTED PRESSURE (PSIA) = 45.0689

SUMMARY OF MEASURED DATA AT 115 0312

TEMP	1 =	525.221	(65.67)
TEMP	2 =	522.745	(63.18)
TEMP	3 =	522.990	(63.42)
TEMP	4 =	523.826	(64.25)
TEMP	5 =	523.670	(64.07)
TEMP	6 =	524.557	(64.97)
TEMP	7 =	526.302	(66.71)
TEMP	8 =	524.075	(64.53)
TEMP	9 =	523.225	(63.65)
TEMP	10 =	523.600	(64.07)
TEMP	11 =	524.412	(64.84)
TEMP	12 =	523.565	(63.96)
TEMP	13 =	523.215	(63.63)
TEMP	14 =	523.280	(63.74)
TEMP	15 =	523.355	(63.72)
TEMP	16 =	524.111	(64.51)
TEMP	17 =	523.811	(64.24)
TEMP	18 =	523.665	(64.08)
PRES	1 =	45.282	(92892.)
VPRS	1 =	0.193	(52.18)
VPRS	2 =	0.186	(51.11)
VPRS	3 =	0.176	(49.60)
VPRS	4 =	0.246	(58.90)
VPRS	5 =	0.210	(54.36)
VPRS	6 =	0.249	(59.13)

SUMMARY OF CORRECTED DATA

TIME = 115
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.689

CORRECTED PRESSURE (PSIA) = 45.0703

SUMMARY OF MEASURED DATA AT 130 0312

TEMP	1 =	525.231	(65.68)
TEMP	2 =	522.735	(63.17)
TEMP	3 =	523.030	(63.46)
TEMP	4 =	523.906	(64.33)
TEMP	5 =	523.710	(64.11)
TEMP	6 =	524.637	(65.05)
TEMP	7 =	526.322	(66.73)
TEMP	8 =	523.985	(64.44)
TEMP	9 =	523.255	(63.68)
TEMP	10 =	523.620	(64.09)
TEMP	11 =	524.422	(64.85)
TEMP	12 =	523.615	(64.01)
TEMP	13 =	523.225	(63.64)
TEMP	14 =	523.370	(63.83)
TEMP	15 =	523.425	(63.79)
TEMP	16 =	524.031	(64.43)
TEMP	17 =	523.861	(64.29)
TEMP	18 =	523.715	(64.13)
PRES	1 =	45.284	(92897.)
VPRS	1 =	0.191	(52.00)
VPRS	2 =	0.185	(50.96)
VPRS	3 =	0.173	(49.16)
VPRS	4 =	0.249	(59.31)
VPRS	5 =	0.210	(54.44)
VPRS	6 =	0.249	(59.11)

SUMMARY OF CORRECTED DATA

TIME = 130
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.718

CORRECTED PRESSURE (PSIA) = 45.0728

SUMMARY OF MEASURED DATA AT 145 0312

TEMP	1 =	525.221	(65.67)
TEMP	2 =	522.795	(63.23)
TEMP	3 =	522.980	(63.41)
TEMP	4 =	523.916	(64.34)
TEMP	5 =	523.780	(64.18)
TEMP	6 =	524.607	(65.02)
TEMP	7 =	526.342	(66.75)
TEMP	8 =	523.945	(64.40)
TEMP	9 =	523.255	(63.68)
TEMP	10 =	523.630	(64.10)
TEMP	11 =	524.452	(64.88)
TEMP	12 =	523.625	(64.02)
TEMP	13 =	523.265	(63.68)
TEMP	14 =	523.400	(63.86)
TEMP	15 =	523.415	(63.78)
TEMP	16 =	524.101	(64.50)
TEMP	17 =	523.871	(64.30)
TEMP	18 =	523.725	(64.14)
PRES	1 =	45.287	(92902.)
VPRS	1 =	0.192	(52.06)
VPRS	2 =	0.185	(51.09)
VPRS	3 =	0.174	(49.35)
VPRS	4 =	0.248	(59.19)
VPRS	5 =	0.210	(54.41)
VPRS	6 =	0.251	(59.35)

SUMMARY OF CORRECTED DATA

TIME = 145
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.739

CORRECTED PRESSURE (PSIA) = 45.0747

SUMMARY OF MEASURED DATA AT 200 0312

TEMP	1 =	525.291	(65.74)
TEMP	2 =	522.735	(63.17)
TEMP	3 =	523.010	(63.44)
TEMP	4 =	523.926	(64.35)
TEMP	5 =	523.770	(64.17)
TEMP	6 =	524.567	(64.98)
TEMP	7 =	526.372	(66.78)
TEMP	8 =	524.175	(64.63)
TEMP	9 =	523.285	(63.71)
TEMP	10 =	523.680	(64.15)
TEMP	11 =	524.472	(64.90)
TEMP	12 =	523.655	(64.05)
TEMP	13 =	523.265	(63.68)
TEMP	14 =	523.360	(63.82)
TEMP	15 =	523.425	(63.79)
TEMP	16 =	524.161	(64.56)
TEMP	17 =	523.881	(64.31)
TEMP	18 =	523.785	(64.20)
PRES	1 =	45.289	(92906.)
VPRS	1 =	0.193	(52.21)
VPRS	2 =	0.185	(51.06)
VPRS	3 =	0.178	(49.91)
VPRS	4 =	0.247	(59.06)
VPRS	5 =	0.210	(54.43)
VPRS	6 =	0.248	(58.94)

SUMMARY OF CORRECTED DATA

TIME = 200
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.757

CORRECTED PRESSURE (PSIA) = 45.0767

SUMMARY OF MEASURED DATA AT 215 0312

TEMP	1 =	525.321	(65.77)
TEMP	2 =	522.775	(63.21)
TEMP	3 =	523.040	(63.47)
TEMP	4 =	523.936	(64.36)
TEMP	5 =	523.810	(64.21)
TEMP	6 =	524.587	(65.00)
TEMP	7 =	526.362	(66.77)
TEMP	8 =	524.305	(64.76)
TEMP	9 =	523.325	(63.75)
TEMP	10 =	523.660	(64.13)
TEMP	11 =	524.482	(64.91)
TEMP	12 =	523.705	(64.10)
TEMP	13 =	523.265	(63.68)
TEMP	14 =	523.400	(63.86)
TEMP	15 =	523.425	(63.79)
TEMP	16 =	524.111	(64.51)
TEMP	17 =	523.901	(64.33)
TEMP	18 =	523.785	(64.20)
PRES	1 =	45.290	(92909.)
VPRS	1 =	0.192	(52.02)
VPRS	2 =	0.184	(50.88)
VPRS	3 =	0.177	(49.78)
VPRS	4 =	0.237	(57.87)
VPRS	5 =	0.211	(54.50)
VPRS	6 =	0.250	(59.23)

SUMMARY OF CORRECTED DATA

TIME = 215
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.775

CORRECTED PRESSURE (PSIA) = 45.0799

SUMMARY OF MEASURED DATA AT 230 0312

TEMP	1 =	525.301	(65.75)
TEMP	2 =	522.825	(63.26)
TEMP	3 =	523.040	(63.47)
TEMP	4 =	523.956	(64.38)
TEMP	5 =	523.810	(64.21)
TEMP	6 =	524.717	(65.13)
TEMP	7 =	526.372	(66.78)
TEMP	8 =	524.155	(64.61)
TEMP	9 =	523.365	(63.79)
TEMP	10 =	523.740	(64.21)
TEMP	11 =	524.522	(64.95)
TEMP	12 =	523.685	(64.08)
TEMP	13 =	523.315	(63.73)
TEMP	14 =	523.400	(63.86)
TEMP	15 =	523.455	(63.82)
TEMP	16 =	524.311	(64.71)
TEMP	17 =	523.921	(64.35)
TEMP	18 =	523.725	(64.14)
PRES	1 =	45.292	(92913.)
VPRS	1 =	0.191	(51.99)
VPRS	2 =	0.184	(50.91)
VPRS	3 =	0.174	(49.27)
VPRS	4 =	0.239	(58.12)
VPRS	5 =	0.211	(54.50)
VPRS	6 =	0.249	(59.05)

SUMMARY OF CORRECTED DATA

TIME = 230
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.802

CORRECTED PRESSURE (PSIA) = 45.0824

SUMMARY OF MEASURED DATA AT 245 0312

TEMP	1 =	525.301	(65.75)
TEMP	2 =	522.855	(63.29)
TEMP	3 =	523.110	(63.54)
TEMP	4 =	523.986	(64.41)
TEMP	5 =	523.891	(64.29)
TEMP	6 =	524.727	(65.14)
TEMP	7 =	526.382	(66.79)
TEMP	8 =	524.185	(64.64)
TEMP	9 =	523.395	(63.82)
TEMP	10 =	523.710	(64.18)
TEMP	11 =	524.532	(64.96)
TEMP	12 =	523.735	(64.13)
TEMP	13 =	523.375	(63.79)
TEMP	14 =	523.440	(63.90)
TEMP	15 =	523.485	(63.85)
TEMP	16 =	524.311	(64.71)
TEMP	17 =	523.951	(64.38)
TEMP	18 =	523.815	(64.23)
PRES	1 =	45.294	(92918.)
VPRS	1 =	0.193	(52.18)
VPRS	2 =	0.185	(50.98)
VPRS	3 =	0.177	(49.74)
VPRS	4 =	0.238	(57.96)
VPRS	5 =	0.211	(54.50)
VPRS	6 =	0.251	(59.31)

SUMMARY OF CORRECTED DATA

TIME = 245
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.840

CORRECTED PRESSURE (PSIA) = 45.0838

SUMMARY OF MEASURED DATA AT 300 0312

TEMP	1 =	525.351	(65.80)
TEMP	2 =	522.855	(63.29)
TEMP	3 =	523.020	(63.45)
TEMP	4 =	524.006	(64.43)
TEMP	5 =	523.891	(64.29)
TEMP	6 =	524.767	(65.18)
TEMP	7 =	526.402	(66.81)
TEMP	8 =	524.315	(64.77)
TEMP	9 =	523.445	(63.87)
TEMP	10 =	523.750	(64.22)
TEMP	11 =	524.552	(64.98)
TEMP	12 =	523.766	(64.16)
TEMP	13 =	523.405	(63.82)
TEMP	14 =	523.400	(63.86)
TEMP	15 =	523.515	(63.88)
TEMP	16 =	524.281	(64.68)
TEMP	17 =	523.971	(64.40)
TEMP	18 =	523.875	(64.29)
PRES	1 =	45.297	(92923.)
VPRS	1 =	0.192	(52.04)
VPRS	2 =	0.183	(50.77)
VPRS	3 =	0.176	(49.55)
VPRS	4 =	0.237	(57.91)
VPRS	5 =	0.211	(54.53)
VPRS	6 =	0.250	(59.16)

SUMMARY OF CORRECTED DATA

TIME = 300
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.856

CORRECTED PRESSURE (PSIA) = 45.0871

SUMMARY OF MEASURED DATA AT 315 0312

TEMP	1 =	525.411	(65.86)
TEMP	2 =	522.825	(63.26)
TEMP	3 =	523.110	(63.54)
TEMP	4 =	524.066	(64.49)
TEMP	5 =	523.901	(64.30)
TEMP	6 =	524.727	(65.14)
TEMP	7 =	526.442	(66.85)
TEMP	8 =	524.255	(64.71)
TEMP	9 =	523.415	(63.84)
TEMP	10 =	523.790	(64.26)
TEMP	11 =	524.582	(65.01)
TEMP	12 =	523.776	(64.17)
TEMP	13 =	523.425	(63.84)
TEMP	14 =	523.500	(63.96)
TEMP	15 =	523.555	(63.92)
TEMP	16 =	524.321	(64.72)
TEMP	17 =	524.021	(64.45)
TEMP	18 =	523.905	(64.32)
PRES	1 =	45.299	(92927.)
VPRS	1 =	0.190	(51.82)
VPRS	2 =	0.183	(50.76)
VPRS	3 =	0.176	(49.67)
VPRS	4 =	0.238	(58.04)
VPRS	5 =	0.211	(54.52)
VPRS	6 =	0.251	(59.30)

SUMMARY OF CORRECTED DATA

TIME = 315
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.887

CORRECTED PRESSURE (PSIA) = 45.0887

SUMMARY OF MEASURED DATA AT 330 0312

TEMP	1 =	525.391	(65.84)
TEMP	2 =	522.905	(63.34)
TEMP	3 =	523.200	(63.63)
TEMP	4 =	524.046	(64.47)
TEMP	5 =	523.951	(64.35)
TEMP	6 =	524.787	(65.20)
TEMP	7 =	526.472	(66.88)
TEMP	8 =	524.265	(64.72)
TEMP	9 =	523.445	(63.87)
TEMP	10 =	523.820	(64.29)
TEMP	11 =	524.612	(65.04)
TEMP	12 =	523.826	(64.22)
TEMP	13 =	523.415	(63.83)
TEMP	14 =	523.530	(63.99)
TEMP	15 =	523.585	(63.95)
TEMP	16 =	524.321	(64.72)
TEMP	17 =	524.021	(64.45)
TEMP	18 =	523.855	(64.27)
PRES	1 =	45.301	(92931.)
VPRS	1 =	0.190	(51.75)
VPRS	2 =	0.182	(50.55)
VPRS	3 =	0.171	(48.78)
VPRS	4 =	0.244	(58.72)
VPRS	5 =	0.211	(54.52)
VPRS	6 =	0.249	(59.06)

SUMMARY OF CORRECTED DATA

TIME = 330
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.906

CORRECTED PRESSURE (PSIA) = 45.0912

SUMMARY OF MEASURED DATA AT 345 0312

TEMP	1 =	525.452	(65.90)
TEMP	2 =	522.905	(63.34)
TEMP	3 =	523.190	(63.62)
TEMP	4 =	524.086	(64.51)
TEMP	5 =	523.991	(64.39)
TEMP	6 =	524.898	(65.31)
TEMP	7 =	526.462	(66.87)
TEMP	8 =	524.465	(64.92)
TEMP	9 =	523.475	(63.90)
TEMP	10 =	523.840	(64.31)
TEMP	11 =	524.622	(65.05)
TEMP	12 =	523.806	(64.20)
TEMP	13 =	523.455	(63.87)
TEMP	14 =	523.610	(64.07)
TEMP	15 =	523.616	(63.98)
TEMP	16 =	524.331	(64.73)
TEMP	17 =	524.041	(64.47)
TEMP	18 =	523.915	(64.33)
PRES	1 =	45.303	(92936.)
VPRS	1 =	0.191	(51.99)
VPRS	2 =	0.183	(50.79)
VPRS	3 =	0.175	(49.52)
VPRS	4 =	0.240	(58.21)
VPRS	5 =	0.211	(54.53)
VPRS	6 =	0.253	(59.51)

SUMMARY OF CORRECTED DATA

TIME = 345
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.941

CORRECTED PRESSURE (PSIA) = 45.0924

SUMMARY OF MEASURED DATA AT 400 0312

TEMP	1 =	525.512	(65.96)
TEMP	2 =	522.945	(63.38)
TEMP	3 =	523.200	(63.63)
TEMP	4 =	524.106	(64.53)
TEMP	5 =	523.961	(64.36)
TEMP	6 =	524.868	(65.28)
TEMP	7 =	526.462	(66.87)
TEMP	8 =	524.385	(64.84)
TEMP	9 =	523.505	(63.93)
TEMP	10 =	523.860	(64.33)
TEMP	11 =	524.642	(65.07)
TEMP	12 =	523.866	(64.26)
TEMP	13 =	523.425	(63.84)
TEMP	14 =	523.600	(64.06)
TEMP	15 =	523.626	(63.99)
TEMP	16 =	524.381	(64.78)
TEMP	17 =	524.071	(64.50)
TEMP	18 =	523.905	(64.32)
PRES	1 =	45.305	(92941.)
VPRS	1 =	0.193	(52.23)
VPRS	2 =	0.184	(50.94)
VPRS	3 =	0.177	(49.76)
VPRS	4 =	0.237	(57.90)
VPRS	5 =	0.211	(54.49)
VPRS	6 =	0.250	(59.17)

SUMMARY OF CORRECTED DATA

TIME = 400
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.953

CORRECTED PRESSURE (PSIA) = 45.0952

SUMMARY OF MEASURED DATA AT 415 0312

TEMP	1 =	525.492	(65.94)
TEMP	2 =	522.975	(63.41)
TEMP	3 =	523.180	(63.61)
TEMP	4 =	524.106	(64.53)
TEMP	5 =	523.991	(64.39)
TEMP	6 =	524.878	(65.29)
TEMP	7 =	526.512	(66.92)
TEMP	8 =	524.355	(64.81)
TEMP	9 =	523.595	(64.02)
TEMP	10 =	523.880	(64.35)
TEMP	11 =	524.682	(65.11)
TEMP	12 =	523.896	(64.29)
TEMP	13 =	523.515	(63.93)
TEMP	14 =	523.620	(64.08)
TEMP	15 =	523.646	(64.01)
TEMP	16 =	524.341	(64.74)
TEMP	17 =	524.081	(64.51)
TEMP	18 =	523.965	(64.38)
PRES	1 =	45.308	(92946.)
VPRS	1 =	0.193	(52.17)
VPRS	2 =	0.185	(50.99)
VPRS	3 =	0.176	(49.67)
VPRS	4 =	0.239	(58.09)
VPRS	5 =	0.211	(54.46)
VPRS	6 =	0.250	(59.20)

SUMMARY OF CORRECTED DATA

TIME = 415
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.976

CORRECTED PRESSURE (PSIA) = 45.0974

SUMMARY OF MEASURED DATA AT 430 0312

TEMP	1 =	525.532	(65.98)
TEMP	2 =	523.005	(63.44)
TEMP	3 =	523.240	(63.67)
TEMP	4 =	524.156	(64.58)
TEMP	5 =	524.021	(64.42)
TEMP	6 =	524.888	(65.30)
TEMP	7 =	526.562	(66.97)
TEMP	8 =	524.425	(64.88)
TEMP	9 =	523.605	(64.03)
TEMP	10 =	523.920	(64.39)
TEMP	11 =	524.692	(65.12)
TEMP	12 =	523.886	(64.28)
TEMP	13 =	523.485	(63.90)
TEMP	14 =	523.620	(64.08)
TEMP	15 =	523.656	(64.02)
TEMP	16 =	524.451	(64.85)
TEMP	17 =	524.071	(64.50)
TEMP	18 =	523.975	(64.39)
PRES	1 =	45.309	(93948.)
VPRS	1 =	0.193	(52.19)
VPRS	2 =	0.185	(51.00)
VPRS	3 =	0.176	(49.65)
VPRS	4 =	0.239	(58.12)
VPRS	5 =	0.211	(54.51)
VPRS	6 =	0.254	(59.65)

SUMMARY OF CORRECTED DATA

TIME = 430
DATE = 0312

TEMPERATURE (DEGREES R.) = 523.997

CORRECTED PRESSURE (PSIA) = 45.0976

SUMMARY OF MEASURED DATA AT 445 0312

TEMP	1 =	525.522	(65.97)
TEMP	2 =	522.945	(63.38)
TEMP	3 =	523.300	(63.73)
TEMP	4 =	524.176	(64.60)
TEMP	5 =	524.041	(64.44)
TEMP	6 =	524.898	(65.31)
TEMP	7 =	526.552	(66.96)
TEMP	8 =	524.435	(64.89)
TEMP	9 =	523.625	(64.05)
TEMP	10 =	523.950	(64.42)
TEMP	11 =	524.682	(65.11)
TEMP	12 =	523.936	(64.33)
TEMP	13 =	523.585	(64.00)
TEMP	14 =	523.700	(64.16)
TEMP	15 =	523.716	(64.08)
TEMP	16 =	524.471	(64.87)
TEMP	17 =	524.091	(64.52)
TEMP	18 =	523.975	(64.39)
PRES	1 =	45.311	(92953.)
VPRS	1 =	0.191	(52.01)
VPRS	2 =	0.184	(50.87)
VPRS	3 =	0.176	(49.67)
VPRS	4 =	0.237	(57.92)
VPRS	5 =	0.211	(54.53)
VPRS	6 =	0.253	(59.59)

SUMMARY OF CORRECTED DATA

TIME = 445
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.026

CORRECTED PRESSURE (PSIA) = 45.1006

SUMMARY OF MEASURED DATA AT 500 0312

TEMP	1 =	525.592	(66.04)
TEMP	2 =	523.065	(63.50)
TEMP	3 =	523.320	(63.75)
TEMP	4 =	524.176	(64.60)
TEMP	5 =	524.041	(64.44)
TEMP	6 =	524.868	(65.28)
TEMP	7 =	526.562	(66.97)
TEMP	8 =	524.385	(64.84)
TEMP	9 =	523.625	(64.05)
TEMP	10 =	523.980	(64.45)
TEMP	11 =	524.752	(65.18)
TEMP	12 =	523.986	(64.38)
TEMP	13 =	523.655	(64.07)
TEMP	14 =	523.620	(64.08)
TEMP	15 =	523.716	(64.08)
TEMP	16 =	524.451	(64.85)
TEMP	17 =	524.131	(64.56)
TEMP	18 =	524.045	(64.46)
PRES	1 =	45.313	(92957.)
VPRS	1 =	0.191	(52.00)
VPRS	2 =	0.184	(50.91)
VPRS	3 =	0.175	(49.54)
VPRS	4 =	0.237	(57.90)
VPRS	5 =	0.211	(54.49)
VPRS	6 =	0.252	(59.44)

SUMMARY OF CORRECTED DATA

TIME = 500
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.051

CORRECTED PRESSURE (PSIA) = 45.1030

SUMMARY OF MEASURED DATA AT 515 0312

TEMP	1 =	525.572	(66.02)
TEMP	2 =	523.045	(63.48)
TEMP	3 =	523.340	(63.77)
TEMP	4 =	524.246	(64.67)
TEMP	5 =	524.081	(64.48)
TEMP	6 =	524.968	(65.38)
TEMP	7 =	526.642	(67.05)
TEMP	8 =	524.505	(64.96)
TEMP	9 =	523.645	(64.07)
TEMP	10 =	523.990	(64.46)
TEMP	11 =	524.782	(65.21)
TEMP	12 =	523.966	(64.36)
TEMP	13 =	523.585	(64.00)
TEMP	14 =	523.690	(64.15)
TEMP	15 =	523.746	(64.11)
TEMP	16 =	524.511	(64.91)
TEMP	17 =	524.211	(64.64)
TEMP	18 =	524.025	(64.44)
PRES	1 =	45.316	(92962.)
VPRS	1 =	0.192	(52.07)
VPRS	2 =	0.184	(50.81)
VPRS	3 =	0.176	(49.64)
VPRS	4 =	0.245	(58.86)
VPRS	5 =	0.212	(54.60)
VPRS	6 =	0.255	(59.76)

SUMMARY OF CORRECTED DATA

TIME = 515
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.073

CORRECTED PRESSURE (PSIA) = 45.1032

SUMMARY OF MEASURED DATA AT 530 0312

TEMP	1 =	525.592	(66.04)
TEMP	2 =	523.065	(63.50)
TEMP	3 =	523.350	(63.78)
TEMP	4 =	524.276	(64.70)
TEMP	5 =	524.121	(64.52)
TEMP	6 =	524.988	(65.40)
TEMP	7 =	526.682	(67.09)
TEMP	8 =	524.445	(64.90)
TEMP	9 =	523.655	(64.08)
TEMP	10 =	524.020	(64.49)
TEMP	11 =	524.792	(65.22)
TEMP	12 =	524.006	(64.40)
TEMP	13 =	523.645	(64.06)
TEMP	14 =	523.720	(64.18)
TEMP	15 =	523.766	(64.13)
TEMP	16 =	524.501	(64.90)
TEMP	17 =	524.231	(64.66)
TEMP	18 =	524.075	(64.49)
PRES	1 =	45.318	(92966.)
VPRS	1 =	0.193	(52.24)
VPRS	2 =	0.186	(51.11)
VPRS	3 =	0.177	(49.84)
VPRS	4 =	0.235	(57.69)
VPRS	5 =	0.211	(54.49)
VPRS	6 =	0.251	(59.32)

SUMMARY OF CORRECTED DATA

TIME = 530
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.099

CORRECTED PRESSURE (PSIA) = 45.1071

SUMMARY OF MEASURED DATA AT 545 0312

TEMP 1 =	525.602	(66.05)
TEMP 2 =	523.055	(63.49)
TEMP 3 =	523.320	(63.75)
TEMP 4 =	524.256	(64.68)
TEMP 5 =	524.131	(64.53)
TEMP 6 =	525.008	(65.42)
TEMP 7 =	526.622	(67.03)
TEMP 8 =	524.445	(64.90)
TEMP 9 =	523.685	(64.11)
TEMP 10 =	524.030	(64.50)
TEMP 11 =	524.782	(65.21)
TEMP 12 =	523.996	(64.39)
TEMP 13 =	523.685	(64.10)
TEMP 14 =	523.670	(64.13)
TEMP 15 =	523.776	(64.14)
TEMP 16 =	524.461	(64.86)
TEMP 17 =	524.221	(64.65)
TEMP 18 =	524.105	(64.52)
PRES 1 =	45.318	(92966.)
VPRS 1 =	0.193	(52.21)
VPRS 2 =	0.187	(51.32)
VPRS 3 =	0.184	(50.79)
VPRS 4 =	0.231	(57.22)
VPRS 5 =	0.210	(54.45)
VPRS 6 =	0.253	(59.50)

SUMMARY OF CORRECTED DATA

TIME = 545
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.096

CORRECTED PRESSURE (PSIA) = 45.1062

SUMMARY OF MEASURED DATA AT 600 0312

TEMP	1 =	525.652	(66.10)
TEMP	2 =	523.125	(63.56)
TEMP	3 =	523.510	(63.94)
TEMP	4 =	524.316	(64.74)
TEMP	5 =	524.161	(64.56)
TEMP	6 =	525.048	(65.46)
TEMP	7 =	526.692	(67.10)
TEMP	8 =	524.445	(64.90)
TEMP	9 =	523.756	(64.18)
TEMP	10 =	524.080	(64.55)
TEMP	11 =	524.832	(65.26)
TEMP	12 =	524.066	(64.46)
TEMP	13 =	523.695	(64.11)
TEMP	14 =	523.770	(64.23)
TEMP	15 =	523.806	(64.17)
TEMP	16 =	524.561	(64.96)
TEMP	17 =	524.261	(64.69)
TEMP	18 =	524.135	(64.55)
PRES	1 =	45.321	(92973.)
VPRS	1 =	0.194	(52.39)
VPRS	2 =	0.186	(51.20)
VPRS	3 =	0.184	(50.85)
VPRS	4 =	0.224	(56.34)
VPRS	5 =	0.210	(54.44)
VPRS	6 =	0.253	(59.49)

SUMMARY OF CORRECTED DATA

TIME = 600
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.152

CORRECTED PRESSURE (PSIA) = 45.1108

SUMMARY OF MEASURED DATA AT 615 0312

TEMP	1 =	525.652	(66.10)
TEMP	2 =	523.135	(63.57)
TEMP	3 =	523.510	(63.94)
TEMP	4 =	524.326	(64.75)
TEMP	5 =	524.221	(64.62)
TEMP	6 =	525.078	(65.49)
TEMP	7 =	526.722	(67.13)
TEMP	8 =	524.585	(65.04)
TEMP	9 =	523.776	(64.20)
TEMP	10 =	524.100	(64.57)
TEMP	11 =	524.862	(65.29)
TEMP	12 =	524.046	(64.44)
TEMP	13 =	523.685	(64.10)
TEMP	14 =	523.770	(64.23)
TEMP	15 =	523.826	(64.19)
TEMP	16 =	524.601	(65.00)
TEMP	17 =	524.271	(64.70)
TEMP	18 =	524.135	(64.55)
PRES	1 =	45.321	(92974.)
VPRS	1 =	0.194	(52.33)
VPRS	2 =	0.187	(51.26)
VPRS	3 =	0.180	(50.29)
VPRS	4 =	0.225	(56.46)
VPRS	5 =	0.211	(54.47)
VPRS	6 =	0.251	(59.31)

SUMMARY OF CORRECTED DATA

TIME = 615
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.167

CORRECTED PRESSURE (PSIA) = 45.1121

SUMMARY OF MEASURED DATA AT 630 0312

TEMP	1 =	525.722	(66.17)
TEMP	2 =	523.175	(63.61)
TEMP	3 =	523.460	(63.89)
TEMP	4 =	524.326	(64.75)
TEMP	5 =	524.191	(64.59)
TEMP	6 =	525.068	(65.48)
TEMP	7 =	526.662	(67.07)
TEMP	8 =	524.465	(64.92)
TEMP	9 =	523.846	(64.27)
TEMP	10 =	524.120	(64.59)
TEMP	11 =	524.892	(65.32)
TEMP	12 =	524.106	(64.50)
TEMP	13 =	523.765	(64.18)
TEMP	14 =	523.800	(64.26)
TEMP	15 =	523.906	(64.27)
TEMP	16 =	524.581	(64.98)
TEMP	17 =	524.271	(64.70)
TEMP	18 =	524.166	(64.58)
PRES	1 =	45.325	(92981.)
VPRS	1 =	0.194	(52.35)
VPRS	2 =	0.186	(51.16)
VPRS	3 =	0.177	(49.84)
VPRS	4 =	0.230	(57.09)
VPRS	5 =	0.211	(54.51)
VPRS	6 =	0.255	(59.74)

SUMMARY OF CORRECTED DATA

TIME = 630
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.192

CORRECTED PRESSURE (PSIA) = 45.1144

SUMMARY OF MEASURED DATA AT 645 0312

TEMP	1 =	525.672	(66.12)
TEMP	2 =	523.175	(63.61)
TEMP	3 =	523.530	(63.96)
TEMP	4 =	524.386	(64.81)
TEMP	5 =	524.241	(64.64)
TEMP	6 =	525.068	(65.48)
TEMP	7 =	526.662	(67.07)
TEMP	8 =	524.635	(65.09)
TEMP	9 =	523.806	(64.23)
TEMP	10 =	524.130	(64.60)
TEMP	11 =	524.882	(65.31)
TEMP	12 =	524.086	(64.48)
TEMP	13 =	523.735	(64.15)
TEMP	14 =	523.860	(64.32)
TEMP	15 =	523.916	(64.28)
TEMP	16 =	524.702	(65.10)
TEMP	17 =	524.321	(64.75)
TEMP	18 =	524.135	(64.55)
PRES	1 =	45.327	(92985.)
VPRS	1 =	0.194	(52.32)
VPRS	2 =	0.187	(51.25)
VPRS	3 =	0.180	(50.15)
VPRS	4 =	0.228	(56.87)
VPRS	5 =	0.211	(54.47)
VPRS	6 =	0.252	(59.42)

SUMMARY OF CORRECTED DATA

TIME = 645
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.213

CORRECTED PRESSURE (PSIA) = 45.1168

SUMMARY OF MEASURED DATA AT 700 0312

TEMP	1 =	525.742	(66.19)
TEMP	2 =	523.185	(63.62)
TEMP	3 =	523.490	(63.92)
TEMP	4 =	524.396	(64.82)
TEMP	5 =	524.271	(64.67)
TEMP	6 =	524.988	(65.40)
TEMP	7 =	526.692	(67.10)
TEMP	8 =	524.685	(65.14)
TEMP	9 =	523.826	(64.25)
TEMP	10 =	524.160	(64.63)
TEMP	11 =	524.882	(65.31)
TEMP	12 =	524.136	(64.53)
TEMP	13 =	523.775	(64.19)
TEMP	14 =	523.740	(64.20)
TEMP	15 =	523.946	(64.31)
TEMP	16 =	524.601	(65.00)
TEMP	17 =	524.351	(64.78)
TEMP	18 =	524.226	(64.64)
PRES	1 =	45.329	(92989.)
VPRS	1 =	0.194	(52.33)
VPRS	2 =	0.187	(51.24)
VPRS	3 =	0.182	(50.52)
VPRS	4 =	0.226	(56.53)
VPRS	5 =	0.211	(54.53)
VPRS	6 =	0.255	(59.74)

SUMMARY OF CORRECTED DATA

TIME = 700
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.221

CORRECTED PRESSURE (PSIA) = 45.1182

SUMMARY OF MEASURED DATA AT 715 0312

TEMP	1 =	525.752	(66.20)
TEMP	2 =	523.245	(63.68)
TEMP	3 =	523.470	(63.90)
TEMP	4 =	524.396	(64.82)
TEMP	5 =	524.281	(64.68)
TEMP	6 =	525.078	(65.49)
TEMP	7 =	526.742	(67.15)
TEMP	8 =	524.705	(65.16)
TEMP	9 =	523.856	(64.28)
TEMP	10 =	524.160	(64.63)
TEMP	11 =	524.922	(65.35)
TEMP	12 =	524.146	(64.54)
TEMP	13 =	523.835	(64.25)
TEMP	14 =	523.850	(64.31)
TEMP	15 =	523.976	(64.34)
TEMP	16 =	524.551	(64.95)
TEMP	17 =	524.361	(64.79)
TEMP	18 =	524.206	(64.62)
PRES	1 =	45.330	(92992.)
VPRS	1 =	0.193	(52.26)
VPRS	2 =	0.186	(51.21)
VPRS	3 =	0.180	(50.25)
VPRS	4 =	0.226	(56.52)
VPRS	5 =	0.210	(54.41)
VPRS	6 =	0.251	(59.36)

SUMMARY OF CORRECTED DATA

TIME = 715
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.244

CORRECTED PRESSURE (PSIA) = 45.1208

SUMMARY OF MEASURED DATA AT 730 0312

TEMP	1 =	525.752	(66.20)
TEMP	2 =	523.205	(63.64)
TEMP	3 =	523.450	(63.88)
TEMP	4 =	524.416	(64.84)
TEMP	5 =	524.281	(64.68)
TEMP	6 =	525.108	(65.52)
TEMP	7 =	526.762	(67.17)
TEMP	8 =	524.575	(65.03)
TEMP	9 =	523.886	(64.31)
TEMP	10 =	524.190	(64.66)
TEMP	11 =	524.942	(65.37)
TEMP	12 =	524.166	(64.56)
TEMP	13 =	523.805	(64.22)
TEMP	14 =	523.950	(64.41)
TEMP	15 =	523.936	(64.30)
TEMP	16 =	524.722	(65.12)
TEMP	17 =	524.351	(64.78)
TEMP	18 =	524.266	(64.68)
PRES	1 =	45.332	(92995.)
VPRS	1 =	0.194	(52.39)
VPRS	2 =	0.186	(51.23)
VPRS	3 =	0.182	(50.46)
VPRS	4 =	0.228	(56.30)
VPRS	5 =	0.211	(54.47)
VPRS	6 =	0.251	(59.37)

SUMMARY OF CORRECTED DATA

TIME = 730
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.266

CORRECTED PRESSURE (PSIA) = 45.1214

SUMMARY OF MEASURED DATA AT 745 0312

TEMP	1 =	525.822	(66.27)
TEMP	2 =	523.315	(63.75)
TEMP	3 =	523.380	(63.81)
TEMP	4 =	524.447	(64.87)
TEMP	5 =	524.301	(64.70)
TEMP	6 =	525.158	(65.57)
TEMP	7 =	526.782	(67.19)
TEMP	8 =	524.675	(65.13)
TEMP	9 =	523.896	(64.32)
TEMP	10 =	524.230	(64.70)
TEMP	11 =	524.952	(65.38)
TEMP	12 =	524.196	(64.59)
TEMP	13 =	523.815	(64.23)
TEMP	14 =	523.920	(64.38)
TEMP	15 =	523.956	(64.32)
TEMP	16 =	524.591	(64.99)
TEMP	17 =	524.421	(64.85)
TEMP	18 =	524.316	(64.73)
PRES	1 =	45.333	(92999.)
VPRS	1 =	0.194	(52.30)
VPRS	2 =	0.187	(51.27)
VPRS	3 =	0.180	(50.21)
VPRS	4 =	0.227	(56.69)
VPRS	5 =	0.211	(54.48)
VPRS	6 =	0.250	(59.23)

SUMMARY OF CORRECTED DATA

TIME = 745
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.284

CORRECTED PRESSURE (PSIA) = 45.1240

SUMMARY OF MEASURED DATA AT 800 0312

TEMP	1 =	525.782	(66.23)
TEMP	2 =	523.315	(63.75)
TEMP	3 =	523.550	(63.98)
TEMP	4 =	524.457	(64.88)
TEMP	5 =	524.331	(64.73)
TEMP	6 =	525.188	(65.60)
TEMP	7 =	526.782	(67.19)
TEMP	8 =	524.585	(65.04)
TEMP	9 =	523.936	(64.36)
TEMP	10 =	524.230	(64.70)
TEMP	11 =	524.992	(65.42)
TEMP	12 =	524.226	(64.62)
TEMP	13 =	523.855	(64.27)
TEMP	14 =	523.970	(64.43)
TEMP	15 =	523.996	(64.36)
TEMP	16 =	524.732	(65.13)
TEMP	17 =	524.451	(64.88)
TEMP	18 =	524.256	(64.67)
PRES	1 =	45.335	(93002.)
VPRS	1 =	0.195	(52.44)
VPRS	2 =	0.187	(51.27)
VPRS	3 =	0.184	(50.82)
VPRS	4 =	0.227	(56.63)
VPRS	5 =	0.210	(54.43)
VPRS	6 =	0.250	(59.18)

SUMMARY OF CORRECTED DATA

TIME = 800
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.314

CORRECTED PRESSURE (PSIA) = 45.1248

SUMMARY OF MEASURED DATA AT 815 0312

TEMP	1 =	525.812	(66.26)
TEMP	2 =	523.285	(63.72)
TEMP	3 =	523.560	(63.99)
TEMP	4 =	524.487	(64.91)
TEMP	5 =	524.371	(64.77)
TEMP	6 =	525.178	(65.59)
TEMP	7 =	526.792	(67.20)
TEMP	8 =	524.595	(65.05)
TEMP	9 =	523.936	(64.36)
TEMP	10 =	524.250	(64.72)
TEMP	11 =	525.012	(65.44)
TEMP	12 =	524.256	(64.65)
TEMP	13 =	523.855	(64.27)
TEMP	14 =	524.000	(64.46)
TEMP	15 =	523.996	(64.36)
TEMP	16 =	524.682	(65.08)
TEMP	17 =	524.441	(64.87)
TEMP	18 =	524.326	(64.74)
PRES	1 =	45.336	(93005.)
VPRS	1 =	0.194	(52.40)
VPRS	2 =	0.186	(51.20)
VPRS	3 =	0.178	(49.97)
VPRS	4 =	0.223	(56.21)
VPRS	5 =	0.209	(54.31)
VPRS	6 =	0.251	(59.34)

SUMMARY OF CORRECTED DATA

TIME = 815
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.325

CORRECTED PRESSURE (PSIA) = 45.1280

SUMMARY OF MEASURED DATA AT 830 0312

TEMP	1 =	525.832	(66.28)
TEMP	2 =	523.355	(63.79)
TEMP	3 =	523.631	(64.06)
TEMP	4 =	524.527	(64.95)
TEMP	5 =	524.371	(64.77)
TEMP	6 =	525.188	(65.60)
TEMP	7 =	526.822	(67.23)
TEMP	8 =	524.775	(65.23)
TEMP	9 =	523.956	(64.38)
TEMP	10 =	524.310	(64.78)
TEMP	11 =	525.002	(65.43)
TEMP	12 =	524.256	(64.65)
TEMP	13 =	523.895	(64.31)
TEMP	14 =	523.990	(64.45)
TEMP	15 =	524.016	(64.38)
TEMP	16 =	524.802	(65.20)
TEMP	17 =	524.431	(64.86)
TEMP	18 =	524.376	(64.79)
PRES	1 =	45.337	(93007.)
VPRS	1 =	0.193	(52.26)
VPRS	2 =	0.185	(51.07)
VPRS	3 =	0.180	(50.28)
VPRS	4 =	0.228	(56.79)
VPRS	5 =	0.211	(54.51)
VPRS	6 =	0.250	(59.23)

SUMMARY OF CORRECTED DATA

TIME = 830
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.358

CORRECTED PRESSURE (PSIA) = 45.1279

SUMMARY OF MEASURED DATA AT 845 0312

TEMP	1	=	525.762	(66.21)
TEMP	2	=	523.155	(63.59)
TEMP	3	=	523.340	(63.77)
TEMP	4	=	524.447	(64.87)
TEMP	5	=	524.221	(64.62)
TEMP	6	=	525.088	(65.50)
TEMP	7	=	526.792	(67.20)
TEMP	8	=	524.565	(65.02)
TEMP	9	=	523.866	(64.29)
TEMP	10	=	524.220	(64.69)
TEMP	11	=	524.912	(65.34)
TEMP	12	=	524.146	(64.54)
TEMP	13	=	523.875	(64.29)
TEMP	14	=	523.870	(64.33)
TEMP	15	=	523.856	(64.22)
TEMP	16	=	524.631	(65.03)
TEMP	17	=	524.261	(64.69)
TEMP	18	=	524.226	(64.64)
PRES	1	=	45.333	(92998.)
VPRS	1	=	0.195	(52.54)
VPRS	2	=	0.187	(51.30)
VPRS	3	=	0.184	(50.87)
VPRS	4	=	0.206	(53.96)
VPRS	5	=	0.209	(54.27)
VPRS	6	=	0.248	(59.01)

SUMMARY OF CORRECTED DATA

TIME = 845
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.227

CORRECTED PRESSURE (PSIA) = 45.1270

SUMMARY OF MEASURED DATA AT 900 0312

TEMP	1 =	525.692	(66.14)
TEMP	2 =	523.145	(63.58)
TEMP	3 =	523.210	(63.64)
TEMP	4 =	524.497	(64.92)
TEMP	5 =	524.191	(64.59)
TEMP	6 =	525.088	(65.50)
TEMP	7 =	526.782	(67.19)
TEMP	8 =	524.255	(64.71)
TEMP	9 =	523.746	(64.17)
TEMP	10 =	524.220	(64.69)
TEMP	11 =	524.912	(65.34)
TEMP	12 =	524.076	(64.47)
TEMP	13 =	523.785	(64.20)
TEMP	14 =	523.840	(64.30)
TEMP	15 =	523.826	(64.19)
TEMP	16 =	524.661	(65.06)
TEMP	17 =	524.171	(64.60)
TEMP	18 =	524.206	(64.62)
PRES	1 =	45.328	(92987.)
VPRS	1 =	0.194	(52.36)
VPRS	2 =	0.187	(51.36)
VPRS	3 =	0.183	(50.70)
VPRS	4 =	0.207	(54.13)
VPRS	5 =	0.209	(54.27)
VPRS	6 =	0.250	(59.24)

SUMMARY OF CORRECTED DATA

TIME = 900
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.182

CORRECTED PRESSURE (PSIA) = 45.1214

SUMMARY OF MEASURED DATA AT 915 0312

TEMP	1 =	525.752	(66.20)
TEMP	2 =	523.075	(63.51)
TEMP	3 =	523.260	(63.69)
TEMP	4 =	524.437	(64.86)
TEMP	5 =	524.191	(64.59)
TEMP	6 =	525.008	(65.42)
TEMP	7 =	526.782	(67.19)
TEMP	8 =	524.335	(64.79)
TEMP	9 =	523.756	(64.18)
TEMP	10 =	524.160	(64.63)
TEMP	11 =	524.902	(65.33)
TEMP	12 =	524.056	(64.45)
TEMP	13 =	523.755	(64.17)
TEMP	14 =	523.780	(64.24)
TEMP	15 =	523.816	(64.18)
TEMP	16 =	524.661	(65.06)
TEMP	17 =	524.151	(64.58)
TEMP	18 =	524.196	(64.61)
PRES	1 =	45.325	(92981.)
VPRS	1 =	0.195	(52.50)
VPRS	2 =	0.187	(51.32)
VPRS	3 =	0.186	(51.09)
VPRS	4 =	0.203	(53.57)
VPRS	5 =	0.209	(54.28)
VPRS	6 =	0.250	(59.26)

SUMMARY OF CORRECTED DATA

TIME = 915
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.165

CORRECTED PRESSURE (PSIA) = 45.1186

SUMMARY OF MEASURED DATA AT 930 0312

TEMP	1 =	525.712	(66.16)
TEMP	2 =	523.115	(63.55)
TEMP	3 =	523.310	(63.74)
TEMP	4 =	524.447	(64.87)
TEMP	5 =	524.131	(64.53)
TEMP	6 =	525.048	(65.46)
TEMP	7 =	526.672	(67.08)
TEMP	8 =	524.305	(64.76)
TEMP	9 =	523.726	(64.15)
TEMP	10 =	524.160	(64.63)
TEMP	11 =	524.902	(65.33)
TEMP	12 =	524.036	(64.43)
TEMP	13 =	523.715	(64.13)
TEMP	14 =	523.720	(64.18)
TEMP	15 =	523.766	(64.13)
TEMP	16 =	524.541	(64.94)
TEMP	17 =	524.111	(64.54)
TEMP	18 =	524.186	(64.60)
PRES	1 =	45.323	(92978.)
VPRS	1 =	0.194	(52.37)
VPRS	2 =	0.188	(51.50)
VPRS	3 =	0.189	(51.48)
VPRS	4 =	0.204	(53.73)
VPRS	5 =	0.209	(54.22)
VPRS	6 =	0.249	(59.09)

SUMMARY OF CORRECTED DATA

TIME = 930
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.131

CORRECTED PRESSURE (PSIA) = 45.1168

SUMMARY OF MEASURED DATA AT 945 0312

TEMP	1 =	525.762	(66.21)
TEMP	2 =	523.085	(63.52)
TEMP	3 =	523.190	(63.62)
TEMP	4 =	524.396	(64.82)
TEMP	5 =	524.131	(64.53)
TEMP	6 =	524.988	(65.40)
TEMP	7 =	526.772	(67.18)
TEMP	8 =	524.345	(64.80)
TEMP	9 =	523.756	(64.18)
TEMP	10 =	524.170	(64.64)
TEMP	11 =	524.892	(65.32)
TEMP	12 =	524.016	(64.41)
TEMP	13 =	523.705	(64.12)
TEMP	14 =	523.790	(64.25)
TEMP	15 =	523.756	(64.12)
TEMP	16 =	524.631	(65.03)
TEMP	17 =	524.161	(64.59)
TEMP	18 =	524.135	(64.55)
PRES	1 =	45.322	(92975.)
VPRS	1 =	0.196	(52.64)
VPRS	2 =	0.187	(51.36)
VPRS	3 =	0.189	(51.53)
VPRS	4 =	0.206	(53.96)
VPRS	5 =	0.209	(54.31)
VPRS	6 =	0.253	(59.53)

SUMMARY OF CORRECTED DATA

TIME = 945
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.139

CORRECTED PRESSURE (PSIA) = 45.1140

SUMMARY OF MEASURED DATA AT 1000 0312

TEMP	1 =	525.742	(66.19)
TEMP	2 =	523.035	(63.47)
TEMP	3 =	523.230	(63.66)
TEMP	4 =	524.376	(64.80)
TEMP	5 =	524.141	(64.54)
TEMP	6 =	524.988	(65.40)
TEMP	7 =	526.752	(67.16)
TEMP	8 =	524.185	(64.64)
TEMP	9 =	523.695	(64.12)
TEMP	10 =	524.160	(64.63)
TEMP	11 =	524.892	(65.32)
TEMP	12 =	523.976	(64.37)
TEMP	13 =	523.765	(64.18)
TEMP	14 =	523.780	(64.24)
TEMP	15 =	523.826	(64.19)
TEMP	16 =	524.531	(64.93)
TEMP	17 =	524.071	(64.50)
TEMP	18 =	524.146	(64.56)
PRES	1 =	45.321	(92973.)
VPRS	1 =	0.196	(52.64)
VPRS	2 =	0.188	(51.42)
VPRS	3 =	0.194	(52.22)
VPRS	4 =	0.206	(54.08)
VPRS	5 =	0.209	(54.28)
VPRS	6 =	0.252	(59.39)

SUMMARY OF CORRECTED DATA

TIME = 1000
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.122

CORRECTED PRESSURE (PSIA) = 45.1122

SUMMARY OF MEASURED DATA AT 1015 0312

TEMP	1 =	525.752	(66.20)
TEMP	2 =	523.055	(63.49)
TEMP	3 =	523.230	(63.66)
TEMP	4 =	524.266	(64.69)
TEMP	5 =	524.121	(64.52)
TEMP	6 =	525.018	(65.43)
TEMP	7 =	526.702	(67.11)
TEMP	8 =	524.135	(64.59)
TEMP	9 =	523.716	(64.14)
TEMP	10 =	524.150	(64.62)
TEMP	11 =	524.872	(65.30)
TEMP	12 =	523.986	(64.38)
TEMP	13 =	523.715	(64.13)
TEMP	14 =	523.770	(64.23)
TEMP	15 =	523.776	(64.14)
TEMP	16 =	524.491	(64.89)
TEMP	17 =	524.041	(64.47)
TEMP	18 =	524.105	(64.52)
PRES	1 =	45.320	(92972.)
VPRS	1 =	0.196	(52.62)
VPRS	2 =	0.188	(51.47)
VPRS	3 =	0.192	(51.91)
VPRS	4 =	0.205	(53.93)
VPRS	5 =	0.209	(54.24)
VPRS	6 =	0.253	(59.57)

SUMMARY OF CORRECTED DATA

TIME = 1015
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.100

CORRECTED PRESSURE (PSIA) = 45.1120

SUMMARY OF MEASURED DATA AT 1030 0312

TEMP	1 =	525.702	(66.15)
TEMP	2 =	523.065	(63.50)
TEMP	3 =	523.200	(63.63)
TEMP	4 =	524.366	(64.79)
TEMP	5 =	524.131	(64.53)
TEMP	6 =	525.008	(65.42)
TEMP	7 =	526.762	(67.17)
TEMP	8 =	524.365	(64.82)
TEMP	9 =	523.846	(64.27)
TEMP	10 =	524.160	(64.63)
TEMP	11 =	524.862	(65.29)
TEMP	12 =	523.996	(64.39)
TEMP	13 =	523.685	(64.10)
TEMP	14 =	523.780	(64.24)
TEMP	15 =	523.716	(64.08)
TEMP	16 =	524.541	(64.94)
TEMP	17 =	524.091	(64.52)
TEMP	18 =	524.105	(64.52)
PRES	1 =	45.320	(92972.)
VPRS	1 =	0.196	(52.60)
VPRS	2 =	0.187	(51.37)
VPRS	3 =	0.189	(51.57)
VPRS	4 =	0.207	(54.09)
VPRS	5 =	0.209	(54.32)
VPRS	6 =	0.250	(59.19)

SUMMARY OF CORRECTED DATA

TIME = 1030
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.111

CORRECTED PRESSURE (PSIA) = 45.1129

SUMMARY OF MEASURED DATA AT 1045 0312

TEMP	1 =	525.702	(66.15)
TEMP	2 =	523.045	(63.48)
TEMP	3 =	523.190	(63.62)
TEMP	4 =	524.326	(64.75)
TEMP	5 =	524.121	(64.52)
TEMP	6 =	524.988	(65.40)
TEMP	7 =	526.742	(67.15)
TEMP	8 =	524.155	(64.61)
TEMP	9 =	523.726	(64.15)
TEMP	10 =	524.150	(64.62)
TEMP	11 =	524.892	(65.32)
TEMP	12 =	523.996	(64.39)
TEMP	13 =	523.715	(64.13)
TEMP	14 =	523.730	(64.19)
TEMP	15 =	523.766	(64.13)
TEMP	16 =	524.521	(64.92)
TEMP	17 =	524.111	(64.54)
TEMP	18 =	524.115	(64.53)
PRES	1 =	45.32	(92972.)
VPRS	1 =	0.195	(52.49)
VPRS	2 =	0.187	(51.29)
VPRS	3 =	0.188	(51.44)
VPRS	4 =	0.205	(53.87)
VPRS	5 =	0.209	(54.30)
VPRS	6 =	0.248	(59.02)

SUMMARY OF CORRECTED DATA

TIME = 1045
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.104

CORRECTED PRESSURE (PSIA) = 45.1138

SUMMARY OF MEASURED DATA AT 1100 0312

TEMP	1 =	525.732	(66.18)
TEMP	2 =	522.995	(63.43)
TEMP	3 =	523.210	(63.64)
TEMP	4 =	524.316	(64.74)
TEMP	5 =	524.101	(64.50)
TEMP	6 =	524.978	(65.39)
TEMP	7 =	526.742	(67.15)
TEMP	8 =	524.285	(64.74)
TEMP	9 =	523.726	(64.15)
TEMP	10 =	524.160	(64.63)
TEMP	11 =	524.882	(65.31)
TEMP	12 =	523.966	(64.36)
TEMP	13 =	523.715	(64.13)
TEMP	14 =	523.750	(64.21)
TEMP	15 =	523.756	(64.12)
TEMP	16 =	524.581	(64.98)
TEMP	17 =	524.031	(64.46)
TEMP	18 =	524.075	(64.49)
PRES	1 =	45.320	(92972.)
VPRS	1 =	0.195	(52.49)
VPRS	2 =	0.187	(51.36)
VPRS	3 =	0.189	(51.59)
VPRS	4 =	0.207	(54.13)
VPRS	5 =	0.210	(54.33)
VPRS	6 =	0.250	(59.16)

SUMMARY OF CORRECTED DATA

TIME = 1100
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.096

CORRECTED PRESSURE (PSIA) = 45.1129

SUMMARY OF MEASURED DATA AT 1115 0312

TEMP	1 =	525.722	(66.17)
TEMP	2 =	523.025	(63.46)
TEMP	3 =	523.320	(63.75)
TEMP	4 =	524.376	(64.80)
TEMP	5 =	524.161	(64.56)
TEMP	6 =	525.078	(65.49)
TEMP	7 =	526.662	(67.07)
TEMP	8 =	524.255	(64.71)
TEMP	9 =	523.756	(64.18)
TEMP	10 =	524.150	(64.62)
TEMP	11 =	524.892	(65.32)
TEMP	12 =	524.026	(64.42)
TEMP	13 =	523.745	(64.16)
TEMP	14 =	523.750	(64.21)
TEMP	15 =	523.756	(64.12)
TEMP	16 =	524.601	(65.00)
TEMP	17 =	524.091	(64.52)
TEMP	18 =	524.105	(64.52)
PRES	1 =	45.321	(92974.)
VPRS	1 =	0.196	(52.59)
VPRS	2 =	0.188	(51.41)
VPRS	3 =	0.190	(51.63)
VPRS	4 =	0.209	(54.36)
VPRS	5 =	0.209	(54.30)
VPRS	6 =	0.249	(59.06)

SUMMARY OF CORRECTED DATA

TIME = 1115
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.127

CORRECTED PRESSURE (PSIA) = 45.1136

SUMMARY OF MEASURED DATA AT 1130 0312

TEMP	1 =	525.732	(66.18)
TEMP	2 =	523.085	(63.52)
TEMP	3 =	523.280	(63.71)
TEMP	4 =	524.366	(64.79)
TEMP	5 =	524.131	(64.53)
TEMP	6 =	525.068	(65.48)
TEMP	7 =	526.782	(67.19)
TEMP	8 =	524.215	(64.67)
TEMP	9 =	523.716	(64.14)
TEMP	10 =	524.130	(64.60)
TEMP	11 =	524.902	(65.33)
TEMP	12 =	524.026	(64.42)
TEMP	13 =	523.735	(64.15)
TEMP	14 =	523.780	(64.24)
TEMP	15 =	523.746	(64.11)
TEMP	16 =	524.531	(64.93)
TEMP	17 =	524.101	(64.53)
TEMP	18 =	524.055	(64.47)
PRES	1 =	45.322	(92976.)
VPRS	1 =	0.195	(52.54)
VPRS	2 =	0.186	(51.20)
VPRS	3 =	0.188	(51.33)
VPRS	4 =	0.208	(54.30)
VPRS	5 =	0.209	(54.32)
VPRS	6 =	0.248	(58.96)

SUMMARY OF CORRECTED DATA

TIME = 1130
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.118

CORRECTED PRESSURE (PSIA) = 45.1154

SUMMARY OF MEASURED DATA AT 1145 0312

TEMP	1 =	525.722	(66.17)
TEMP	2 =	523.085	(63.52)
TEMP	3 =	523.270	(63.70)
TEMP	4 =	524.356	(64.78)
TEMP	5 =	524.141	(64.54)
TEMP	6 =	525.058	(65.47)
TEMP	7 =	526.772	(67.18)
TEMP	8 =	524.115	(64.57)
TEMP	9 =	523.776	(64.20)
TEMP	10 =	524.210	(64.68)
TEMP	11 =	524.912	(65.34)
TEMP	12 =	523.996	(64.39)
TEMP	13 =	523.765	(64.1[illegible])
TEMP	14 =	523.800	(64.26)
TEMP	15 =	523.796	(64.16)
TEMP	16 =	524.541	(64.94)
TEMP	17 =	524.111	(64.54)
TEMP	18 =	524.085	(64.50)
PRES	1 =	45.323	(92977.)
VPRS	1 =	0.195	(52.48)
VPRS	2 =	0.187	(51.30)
VPRS	3 =	0.188	(51.38)
VPRS	4 =	0.208	(54.23)
VPRS	5 =	0.210	(54.36)
VPRS	6 =	0.249	(59.13)

SUMMARY OF CORRECTED DATA

TIME = 1145
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.129

CORRECTED PRESSURE (PSIA) = 45.1156

SUMMARY OF MEASURED DATA AT 1200 0312

TEMP	1 =	525.782	(66.23)
TEMP	2 =	523.105	(63.54)
TEMP	3 =	523.410	(63.84)
TEMP	4 =	524.396	(64.82)
TEMP	5 =	524.161	(64.56)
TEMP	6 =	525.048	(65.46)
TEMP	7 =	526.832	(67.24)
TEMP	8 =	524.245	(64.70)
TEMP	9 =	523.786	(64.21)
TEMP	10 =	524.180	(64.65)
TEMP	11 =	524.952	(65.38)
TEMP	12 =	524.056	(64.45)
TEMP	13 =	523.775	(64.19)
TEMP	14 =	523.800	(64.26)
TEMP	15 =	523.776	(64.14)
TEMP	16 =	524.631	(65.03)
TEMP	17 =	524.131	(64.56)
TEMP	18 =	524.176	(64.59)
PRES	1 =	45.323	(92977.)
VPRS	1 =	0.195	(52.46)
VPRS	2 =	0.187	(51.35)
VPRS	3 =	0.187	(51.29)
VPRS	4 =	0.205	(53.91)
VPRS	5 =	0.209	(54.27)
VPRS	6 =	0.249	(59.13)

SUMMARY OF CORRECTED DATA

TIME = 1200
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.166

CORRECTED PRESSURE (PSIA) = 45.1162

SUMMARY OF MEASURED DATA AT 1215 0312

TEMP	1 =	525.752	(66.20)
TEMP	2 =	523.155	(63.59)
TEMP	3 =	523.420	(63.85)
TEMP	4 =	524.477	(64.90)
TEMP	5 =	524.191	(64.59)
TEMP	6 =	525.168	(65.58)
TEMP	7 =	526.822	(67.23)
TEMP	8 =	524.415	(64.87)
TEMP	9 =	523.806	(64.23)
TEMP	10 =	524.220	(64.69)
TEMP	11 =	524.962	(65.39)
TEMP	12 =	524.066	(64.46)
TEMP	13 =	523.755	(64.17)
TEMP	14 =	523.860	(64.32)
TEMP	15 =	523.796	(64.16)
TEMP	16 =	524.581	(64.98)
TEMP	17 =	524.201	(64.63)
TEMP	18 =	524.115	(64.53)
PRES	1 =	45.326	(92983.)
VPRS	1 =	0.195	(52.55)
VPRS	2 =	0.186	(51.18)
VPRS	3 =	0.184	(50.87)
VPRS	4 =	0.209	(54.46)
VPRS	5 =	0.210	(54.41)
VPRS	6 =	0.250	(59.23)

SUMMARY OF CORRECTED DATA

TIME = 1215
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.183

CORRECTED PRESSURE (PSIA) = 45.1186

SUMMARY OF MEASURED DATA AT 1230 0312

TEMP	1 =	525.822	(66.27)
TEMP	2 =	523.165	(63.60)
TEMP	3 =	523.440	(63.87)
TEMP	4 =	524.517	(64.94)
TEMP	5 =	524.171	(64.57)
TEMP	6 =	525.138	(65.55)
TEMP	7 =	526.802	(67.21)
TEMP	8 =	524.255	(64.71)
TEMP	9 =	523.716	(64.14)
TEMP	10 =	524.230	(64.70)
TEMP	11 =	525.012	(65.44)
TEMP	12 =	524.056	(64.45)
TEMP	13 =	523.755	(64.17)
TEMP	14 =	523.850	(64.31)
TEMP	15 =	523.796	(64.16)
TEMP	16 =	524.611	(65.01)
TEMP	17 =	524.181	(64.61)
TEMP	18 =	524.186	(64.60)
PRES	1 =	45.327	(92986.)
VPRS	1 =	0.195	(52.45)
VPRS	2 =	0.187	(51.30)
VPRS	3 =	0.180	(50.26)
VPRS	4 =	0.212	(54.79)
VPRS	5 =	0.210	(54.39)
VPRS	6 =	0.250	(59.24)

SUMMARY OF CORRECTED DATA

TIME = 1230
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.188

CORRECTED PRESSURE (PSIA) = 45.1203

SUMMARY OF MEASURED DATA AT 1245 0312

TEMP	1 =	525.852	(66.30)
TEMP	2 =	523.155	(63.59)
TEMP	3 =	523.420	(63.85)
TEMP	4 =	524.517	(64.94)
TEMP	5 =	524.211	(64.61)
TEMP	6 =	525.118	(65.53)
TEMP	7 =	526.872	(67.28)
TEMP	8 =	524.175	(64.63)
TEMP	9 =	523.816	(64.24)
TEMP	10 =	524.240	(64.71)
TEMP	11 =	524.982	(65.41)
TEMP	12 =	524.086	(64.48)
TEMP	13 =	523.845	(64.26)
TEMP	14 =	523.790	(64.25)
TEMP	15 =	523.796	(64.16)
TEMP	16 =	524.551	(64.95)
TEMP	17 =	524.221	(64.65)
TEMP	18 =	524.216	(64.63)
PRES	1 =	45.328	(92987.)
VPRS	1 =	0.196	(52.65)
VPRS	2 =	0.187	(51.36)
VPRS	3 =	0.182	(50.59)
VPRS	4 =	0.226	(56.51)
VPRS	5 =	0.211	(54.55)
VPRS	6 =	0.252	(59.43)

SUMMARY OF CORRECTED DATA

TIME = 1245
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.198

CORRECTED PRESSURE (PSIA) = 45.1172

SUMMARY OF MEASURED DATA AT 1300 0312

TEMP	1 =	525.872	(66.32)
TEMP	2 =	523.145	(63.58)
TEMP	3 =	523.500	(63.93)
TEMP	4 =	524.467	(64.89)
TEMP	5 =	524.191	(64.59)
TEMP	6 =	525.188	(65.60)
TEMP	7 =	526.902	(67.31)
TEMP	8 =	524.215	(64.67)
TEMP	9 =	523.856	(64.28)
TEMP	10 =	524.270	(64.74)
TEMP	11 =	525.032	(65.46)
TEMP	12 =	524.106	(64.50)
TEMP	13 =	523.795	(64.21)
TEMP	14 =	523.880	(64.34)
TEMP	15 =	523.856	(64.22)
TEMP	16 =	524.702	(65.10)
TEMP	17 =	524.161	(64.59)
TEMP	18 =	524.186	(64.60)
PRES	1 =	45.330	(92991.)
VPRS	1 =	0.196	(52.58)
VPRS	2 =	0.187	(51.30)
VPRS	3 =	0.183	(50.65)
VPRS	4 =	0.223	(56.25)
VPRS	5 =	0.211	(54.50)
VPRS	6 =	0.250	(59.20)

SUMMARY OF CORRECTED DATA

TIME = 1300
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.220

CORRECTED PRESSURE (PSIA) = 45.1200

SUMMARY OF MEASURED DATA AT 1315 0312

TEMP	1 =	525.912	(66.36)
TEMP	2 =	523.225	(63.66)
TEMP	3 =	523.460	(63.89)
TEMP	4 =	524.467	(64.89)
TEMP	5 =	524.241	(64.64)
TEMP	6 =	525.128	(65.54)
TEMP	7 =	526.892	(67.30)
TEMP	8 =	524.485	(64.94)
TEMP	9 =	523.876	(64.30)
TEMP	10 =	524.290	(64.76)
TEMP	11 =	525.073	(65.50)
TEMP	12 =	524.086	(64.48)
TEMP	13 =	523.845	(64.26)
TEMP	14 =	523.870	(64.33)
TEMP	15 =	523.886	(64.25)
TEMP	16 =	524.712	(65.11)
TEMP	17 =	524.161	(64.59)
TEMP	18 =	524.146	(64.56)
PRES	1 =	45.330	(92992.)
VPRS	1 =	0.195	(52.51)
VPRS	2 =	0.188	(51.39)
VPRS	3 =	0.181	(50.44)
VPRS	4 =	0.225	(56.49)
VPRS	5 =	0.211	(54.55)
VPRS	6 =	0.251	(59.31)

SUMMARY OF CORRECTED DATA

TIME = 1315
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.237

CORRECTED PRESSURE (PSIA) = 45.1201

SUMMARY OF MEASURED DATA AT 1330 0312

TEMP	1 =	525.932	(66.38)
TEMP	2 =	523.205	(63.64)
TEMP	3 =	523.490	(63.92)
TEMP	4 =	524.497	(64.92)
TEMP	5 =	524.261	(64.66)
TEMP	6 =	525.248	(65.66)
TEMP	7 =	526.952	(67.36)
TEMP	8 =	524.505	(64.96)
TEMP	9 =	523.876	(64.30)
TEMP	10 =	524.260	(64.73)
TEMP	11 =	525.083	(65.51)
TEMP	12 =	524.146	(64.54)
TEMP	13 =	523.835	(64.25)
TEMP	14 =	523.900	(64.36)
TEMP	15 =	523.886	(64.25)
TEMP	16 =	524.812	(65.21)
TEMP	17 =	524.211	(64.64)
TEMP	18 =	524.236	(64.65)
PRES	1 =	45.332	(92997.)
VPRS	1 =	0.195	(52.49)
VPRS	2 =	0.188	(51.43)
VPRS	3 =	0.185	(51.02)
VPRS	4 =	0.220	(55.87)
VPRS	5 =	0.211	(54.49)
VPRS	6 =	0.251	(59.30)

SUMMARY OF CORRECTED DATA

TIME = 1330
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.273

CORRECTED PRESSURE (PSIA) = 45.1228

SUMMARY OF MEASURED DATA AT 1345 0312

TEMP	1 =	525.942	(66.39)
TEMP	2 =	523.235	(63.67)
TEMP	3 =	523.550	(63.98)
TEMP	4 =	524.517	(64.94)
TEMP	5 =	524.321	(64.72)
TEMP	6 =	525.208	(65.62)
TEMP	7 =	526.982	(67.39)
TEMP	8 =	524.425	(64.88)
TEMP	9 =	523.896	(64.32)
TEMP	10 =	524.290	(64.76)
TEMP	11 =	525.093	(65.52)
TEMP	12 =	524.166	(64.56)
TEMP	13 =	523.885	(64.30)
TEMP	14 =	523.870	(64.[illegible])
TEMP	15 =	523.866	(64.23)
TEMP	16 =	524.782	(65.18)
TEMP	17 =	524.281	(64.71)
TEMP	18 =	524.296	(64.71)
PRES	1 =	45.334	(93001.)
VPRS	1 =	0.195	(52.57)
VPRS	2 =	0.188	(51.44)
VPRS	3 =	0.186	(51.09)
VPRS	4 =	0.209	(54.37)
VPRS	5 =	0.211	(54.47)
VPRS	6 =	0.253	(59.50)

SUMMARY OF CORRECTED DATA

TIME = 1345
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.291

CORRECTED PRESSURE (PSIA) = 45.1264

SUMMARY OF MEASURED DATA AT 1400 0312

TEMP	1 =	525.942	(66.39)
TEMP	2 =	523.285	(63.72)
TEMP	3 =	523.631	(64.06)
TEMP	4 =	524.567	(64.99)
TEMP	5 =	524.291	(64.69)
TEMP	6 =	525.248	(65.66)
TEMP	7 =	526.952	(67.36)
TEMP	8 =	524.425	(64.88)
TEMP	9 =	523.926	(64.35)
TEMP	10 =	524.300	(64.77)
TEMP	11 =	525.133	(65.56)
TEMP	12 =	524.166	(64.56)
TEMP	13 =	523.895	(64.31)
TEMP	14 =	523.920	(64.38)
TEMP	15 =	523.916	(64.28)
TEMP	16 =	524.712	(65.11)
TEMP	17 =	524.291	(64.72)
TEMP	18 =	524.226	(64.64)
PRES	1 =	45.335	(93002.)
VPRS	1 =	0.195	(52.55)
VPRS	2 =	0.187	(51.36)
VPRS	3 =	0.190	(51.71)
VPRS	4 =	0.220	(55.82)
VPRS	5 =	0.212	(54.62)
VPRS	6 =	0.255	(59.72)

SUMMARY OF CORRECTED DATA

TIME = 1400
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.297

CORRECTED PRESSURE (PSIA) = 45.1236

ARKANSAS UNIT 1 ILRT VERIFICATION TEST

LEAKAGE RATE (WEIGHT PERCENT/DAY)
MASS POINT ANALYSIS

TIME AND DATE AT START OF TEST: 1445 0312
ELAPSED TIME: 6.00 HOURS

TIME	TEMP (R)	PRESSURE (PSIA)	CTMT. AIR MASS (LBM)	MASS LOSS (LBM)	TOT.AVG. MASS LOSS (LBM/HR)
1445	524.347	45.1274	443693		
1500	524.368	45.1287	443688	5.0	20.0
1515	524.366	45.1283	443686	2.2	14.5
1530	524.380	45.1287	443678	7.9	20.2
1545	524.403	45.1331	443702	-23.8	-8.7
1600	524.439	45.1340	443680	21.6	10.4
1615	524.456	45.1342	443668	12.4	16.9
1630	524.482	45.1357	443661	7.2	18.6
1645	524.499	45.1361	443650	10.5	21.5
1700	524.530	45.1388	443651	-0.3	19.0
1715	524.536	45.1403	443660	-9.7	13.2
1730	524.569	45.1414	443643	17.1	18.2
1745	524.572	45.1425	443651	-8.3	14.0
[illegible]00	524.608	45.1454	443650	1.9	13.5
[illegible]5	524.642	45.1465	443632	17.9	17.7
1830	524.669	45.1487	443630	1.2	16.8
1845	524.650	45.1496	443655	-24.9	9.5
1900	524.709	45.1516	443625	30.2	16.1
1915	524.690	45.1529	443654	-28.8	8.8
1930	524.763	45.1543	443606	48.0	18.4
1945	524.768	45.1556	443614	-8.5	15.8
2000	524.773	45.1584	443638	-23.3	10.6
2015	524.804	45.1576	443604	34.1	16.3
2030	524.817	45.1592	443608	-4.7	14.8
2045	524.849	45.1616	443606	2.8	14.6

FREE AIR VOLUME USED (MILLIONS OF CU. FT.) = 1.910

REGRESSION LINE
INTERCEPT (LBM) = 443693
SLOPE (LBM/HR) = -14.5

VERIFICATION TEST LEAKAGE RATE UPPER LIMIT = 0.099
VERIFICATION TEST LEAKAGE RATE LOWER LIMIT = 0.063
THE CALCULATED LEAKAGE RATE = 0.078

ARKANSAS UNIT 1 ILRT VERIFICATION TEST

LEAKAGE RATE (WEIGHT PERCENT/DAY)
BASED ON TOTAL TIME CALCULATIONS

TIME AND DATE AT START OF TEST: 1445 0312
ELAPSED TIME: 6.00 HOURS

TIME	TEMP. (R)	PRESSURE (PSIA)	MEASURED LEAKAGE RATE
1445	524.347	45.1274	
1500	524.368	45.1287	0.108
1515	524.366	45.1283	0.078
1530	524.380	45.1287	0.109
1545	524.403	45.1331	-0.047
1600	524.439	45.1340	0.056
1615	524.456	45.1342	0.091
1630	524.482	45.1357	0.101
1645	524.499	45.1361	0.116
1700	524.530	45.1388	0.103
1715	524.536	45.1403	0.072
1730	524.569	45.1414	0.099
1745	524.572	45.1425	0.076
1800	524.608	45.1454	0.073
1815	524.642	45.1465	0.096
1830	524.669	45.1487	0.091
1845	524.650	45.1496	0.052
1900	524.709	45.1516	0.087
1915	524.690	45.1529	0.047
1930	524.763	45.1543	0.100
1945	524.768	45.1556	0.085
2000	524.773	45.1584	0.057
2015	524.804	45.1576	0.088
2030	524.817	45.1592	0.080
2045	524.849	45.1616	0.079

MEAN OF MEASURED LEAKAGE RATES = 0.079
STD. DEVIATION OF MEASURED LEAKAGE RATES = 0.033

VERIFICATION TEST LEAKAGE RATE UPPER LIMIT = 0.102
VERIFICATION TEST LEAKAGE RATE LOWER LIMIT = 0.066
THE CALCULATED LEAKAGE RATE = 0.080

ARKANSAS UNIT 1 ILRT VERIFICATION TEST

TREND REPORT
LEAKAGE RATES (WEIGHT PERCENT/DAY)
BASED ON TOTAL-TIME CALCULATIONS

TIME AND DATE AT START OF TEST: 1445 0312
ELAPSED TIME: 6.00 HOURS

NO. DATA POINTS	ELAPSED TIME	MEAN MEASURED LEAKAGE RATE	CALCULATED LEAKAGE RATE	CHG IN CALC L/R FROM LAST POINT
10	2.25	0.080	0.094	
11	2.50	0.079	0.089	-0.005
12	2.75	0.081	0.093	0.005
13	3.00	0.080	0.090	-0.003
14	3.25	0.080	0.087	-0.003
15	3.50	0.081	0.090	0.003
16	3.75	0.081	0.091	0.001
17	4.00	0.080	0.083	-0.008
18	4.25	0.080	0.084	0.001
19	4.50	0.078	0.077	-0.007
20	4.75	0.079	0.081	0.004
21	5.00	0.080	0.082	0.001
22	5.25	0.079	0.078	-0.004
23	5.50	0.079	0.080	0.002
24	5.75	0.079	0.080	0.000
25	6.00	0.079	0.080	-0.000

THE CALCULATED LEAKAGE RATE = 0.080

SUMMARY OF MEASURED DATA AT 1445 0312

TEMP	1 =	526.012	(66.46)
TEMP	2 =	523.275	(63.71)
TEMP	3 =	523.621	(64.05)
TEMP	4 =	524.607	(65.03)
TEMP	5 =	524.381	(64.78)
TEMP	6 =	525.298	(65.71)
TEMP	7 =	527.043	(67.45)
TEMP	8 =	524.185	(64.64)
TEMP	9 =	524.016	(64.44)
TEMP	10 =	524.390	(64.86)
TEMP	11 =	525.143	(65.57)
TEMP	12 =	524.216	(64.61)
TEMP	13 =	523.975	(64.39)
TEMP	14 =	523.990	(64.45)
TEMP	15 =	523.966	(64.33)
TEMP	16 =	524.752	(65.15)
TEMP	17 =	524.331	(64.76)
TEMP	18 =	524.326	(64.74)
PRES	1 =	45.339	(93010.)
VPRS	1 =	0.196	(52.61)
VPRS	2 =	0.187	(51.27)
VPRS	3 =	0.191	(51.85)
VPRS	4 =	0.219	(55.70)
VPRS	5 =	0.212	(54.70)
VPRS	6 =	0.254	(59.71)

SUMMARY OF CORRECTED DATA

TIME = 1445
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.347

CORRECTED PRESSURE (PSIA) = 45.1274

SUMMARY OF MEASURED DATA AT 1500 0312

TEMP	1 =	525.992	(66.44)
TEMP	2 =	523.295	(63.73)
TEMP	3 =	523.621	(64.05)
TEMP	4 =	524.597	(65.02)
TEMP	5 =	524.351	(64.75)
TEMP	6 =	525.258	(65.67)
TEMP	7 =	526.972	(67.38)
TEMP	8 =	524.435	(64.89)
TEMP	9 =	524.016	(64.44)
TEMP	10 =	524.380	(64.85)
TEMP	11 =	525.163	(65.59)
TEMP	12 =	524.246	(64.64)
TEMP	13 =	523.975	(64.39)
TEMP	14 =	524.040	(64.50)
TEMP	15 =	523.986	(64.35)
TEMP	16 =	524.872	(65.27)
TEMP	17 =	524.341	(64.77)
TEMP	18 =	524.316	(64.73)
PRES	1 =	45.340	(93013.)
VPRS	1 =	0.195	(52.56)
VPRS	2 =	0.187	(51.29)
VPRS	3 =	0.190	(51.65)
VPRS	4 =	0.218	(55.60)
VPRS	5 =	0.212	(54.68)
VPRS	6 =	0.258	(60.04)

SUMMARY OF CORRECTED DATA

TIME = 1500
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.368

CORRECTED PRESSURE (PSIA) = 45.1287

SUMMARY OF MEASURED DATA AT 1515 0312

TEMP	1 =	526.042	(66.49)
TEMP	2 =	523.355	(63.79)
TEMP	3 =	523.741	(64.17)
TEMP	4 =	524.657	(65.08)
TEMP	5 =	524.371	(64.77)
TEMP	6 =	525.298	(65.71)
TEMP	7 =	526.982	(67.39)
TEMP	8 =	524.395	(64.85)
TEMP	9 =	523.996	(64.42)
TEMP	10 =	524.370	(64.84)
TEMP	11 =	525.193	(65.62)
TEMP	12 =	524.236	(64.63)
TEMP	13 =	523.925	(64.34)
TEMP	14 =	523.960	(64.42)
TEMP	15 =	523.996	(64.36)
TEMP	16 =	524.792	(65.19)
TEMP	17 =	524.361	(64.79)
TEMP	18 =	524.336	(64.75)
PRES	1 =	45.340	(93013.)
VPRS	1 =	0.196	(52.66)
VPRS	2 =	0.187	(51.30)
VPRS	3 =	0.187	(51.20)
VPRS	4 =	0.221	(55.96)
VPRS	5 =	0.213	(54.74)
VPRS	6 =	0.259	(60.23)

SUMMARY OF CORRECTED DATA

TIME = 1515
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.366

CORRECTED PRESSURE (PSIA) = 45.1283

SUMMARY OF MEASURED DATA AT 1530 0312

TEMP	1 =	525.992	(66.44)
TEMP	2 =	523.305	(63.74)
TEMP	3 =	523.751	(64.18)
TEMP	4 =	524.577	(65.00)
TEMP	5 =	524.401	(64.80)
TEMP	6 =	525.348	(65.76)
TEMP	7 =	527.113	(67.52)
TEMP	8 =	524.525	(64.98)
TEMP	9 =	524.016	(64.44)
TEMP	10 =	524.420	(64.89)
TEMP	11 =	525.223	(65.65)
TEMP	12 =	524.236	(64.63)
TEMP	13 =	523.955	(64.37)
TEMP	14 =	524.020	(64.48)
TEMP	15 =	524.016	(64.38)
TEMP	16 =	524.872	(65.27)
TEMP	17 =	524.321	(64.75)
TEMP	18 =	524.316	(64.73)
PRES	1 =	45.341	(93015.)
VPRS	1 =	0.195	(52.51)
VPRS	2 =	0.186	(51.23)
VPRS	3 =	0.192	(51.98)
VPRS	4 =	0.223	(56.16)
VPRS	5 =	0.213	(54.78)
VPRS	6 =	0.256	(59.85)

SUMMARY OF CORRECTED DATA

TIME = 1530
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.380

CORRECTED PRESSURE (PSIA) = 45.1287

SUMMARY OF MEASURED DATA AT 1545 0312

TEMP	1 =	526.052	(66.50)
TEMP	2 =	523.315	(63.75)
TEMP	3 =	523.791	(64.22)
TEMP	4 =	524.627	(65.05)
TEMP	5 =	524.391	(64.79)
TEMP	6 =	525.368	(65.78)
TEMP	7 =	527.083	(67.49)
TEMP	8 =	524.565	(65.02)
TEMP	9 =	524.036	(64.46)
TEMP	10 =	524.430	(64.90)
TEMP	11 =	525.243	(65.67)
TEMP	12 =	524.246	(64.64)
TEMP	13 =	523.965	(64.38)
TEMP	14 =	524.050	(64.51)
TEMP	15 =	524.016	(64.38)
TEMP	16 =	524.902	(65.30)
TEMP	17 =	524.331	(64.76)
TEMP	18 =	524.386	(64.80)
PRES	1 =	45.344	(93020.)
VPRS	1 =	0.193	(52.29)
VPRS	2 =	0.187	(51.32)
VPRS	3 =	0.186	(51.07)
VPRS	4 =	0.220	(55.81)
VPRS	5 =	0.212	(54.68)
VPRS	6 =	0.256	(59.86)

SUMMARY OF CORRECTED DATA

TIME = 1545
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.403

CORRECTED PRESSURE (PSIA) = 45.1331

SUMMARY OF MEASURED DATA AT 1600 0312

TEMP	1 =	526.092	(66.54)
TEMP	2 =	523.355	(63.79)
TEMP	3 =	523.841	(64.27)
TEMP	4 =	524.647	(65.07)
TEMP	5 =	524.431	(64.83)
TEMP	6 =	525.388	(65.80)
TEMP	7 =	527.103	(67.51)
TEMP	8 =	524.555	(65.01)
TEMP	9 =	524.066	(64.49)
TEMP	10 =	524.450	(64.92)
TEMP	11 =	525.263	(65.69)
TEMP	12 =	524.306	(64.70)
TEMP	13 =	524.005	(64.42)
TEMP	14 =	524.080	(64.54)
TEMP	15 =	524.006	(64.37)
TEMP	16 =	524.942	(65.34)
TEMP	17 =	524.431	(64.86)
TEMP	18 =	524.406	(64.82)
PRES	1 =	45.345	(93023.)
VPRS	1 =	0.195	(52.53)
VPRS	2 =	0.188	(51.47)
VPRS	3 =	0.185	(51.01)
VPRS	4 =	0.221	(55.99)
VPRS	5 =	0.212	(54.66)
VPRS	6 =	0.256	(59.83)

SUMMARY OF CORRECTED DATA

TIME = 1600
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.439

CORRECTED PRESSURE (PSIA) = 45.1340

SUMMARY OF MEASURED DATA AT 1615 0312

TEMP	1 =	526.112	(66.56)
TEMP	2 =	523.445	(63.88)
TEMP	3 =	523.881	(64.31)
TEMP	4 =	524.727	(65.15)
TEMP	5 =	524.441	(64.84)
TEMP	6 =	525.418	(65.83)
TEMP	7 =	527.093	(67.50)
TEMP	8 =	524.335	(64.79)
TEMP	9 =	524.096	(64.52)
TEMP	10 =	524.490	(64.96)
TEMP	11 =	525.283	(65.71)
TEMP	12 =	524.316	(64.71)
TEMP	13 =	524.095	(64.51)
TEMP	14 =	524.120	(64.58)
TEMP	15 =	524.106	(64.47)
TEMP	16 =	524.812	(65.21)
TEMP	17 =	524.391	(64.82)
TEMP	18 =	524.426	(64.84)
PRES	1 =	45.347	(93027.)
VPRS	1 =	0.195	(52.51)
VPRS	2 =	0.188	(51.44)
VPRS	3 =	0.196	(52.54)
VPRS	4 =	0.221	(55.98)
VPRS	5 =	0.212	(54.70)
VPRS	6 =	0.254	(59.70)

SUMMARY OF CORRECTED DATA

TIME = 1615
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.456

CORRECTED PRESSURE (PSIA) = 45.1342

SUMMARY OF MEASURED DATA AT 1630 0312

TEMP	1 =	526.192	(66.64)
TEMP	2 =	523.415	(63.85)
TEMP	3 =	523.911	(64.34)
TEMP	4 =	524.697	(65.12)
TEMP	5 =	524.461	(64.86)
TEMP	6 =	525.569	(65.98)
TEMP	7 =	527.193	(67.60)
TEMP	8 =	524.735	(65.19)
TEMP	9 =	524.086	(64.51)
TEMP	10 =	524.510	(64.98)
TEMP	11 =	525.323	(65.75)
TEMP	12 =	524.346	(64.74)
TEMP	13 =	524.005	(64.42)
TEMP	14 =	524.140	(64.60)
TEMP	15 =	524.096	(64.46)
TEMP	16 =	524.932	(65.33)
TEMP	17 =	524.421	(64.85)
TEMP	18 =	524.396	(64.81)
PRES	1 =	45.348	(93029.)
VPRS	1 =	0.196	(52.67)
VPRS	2 =	0.188	(51.48)
VPRS	3 =	0.194	(52.26)
VPRS	4 =	0.221	(55.89)
VPRS	5 =	0.213	(54.72)
VPRS	6 =	0.253	(59.56)

SUMMARY OF CORRECTED DATA

TIME = 1630
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.482

CORRECTED PRESSURE (PSIA) = 45.1337

SUMMARY OF MEASURED DATA AT 1645 0312

TEMP	1 =	526.172	(66.62)
TEMP	2 =	523.465	(63.90)
TEMP	3 =	523.821	(64.25)
TEMP	4 =	524.687	(65.11)
TEMP	5 =	524.481	(64.88)
TEMP	6 =	525.478	(65.89)
TEMP	7 =	527.143	(67.55)
TEMP	8 =	524.535	(64.99)
TEMP	9 =	524.106	(64.53)
TEMP	10 =	524.520	(64.99)
TEMP	11 =	525.333	(65.76)
TEMP	12 =	524.366	(64.76)
TEMP	13 =	524.065	(64.48)
TEMP	14 =	524.100	(64.56)
TEMP	15 =	524.126	(64.49)
TEMP	16 =	525.002	(65.40)
TEMP	17 =	524.481	(64.91)
TEMP	18 =	524.456	(64.87)
PRES	1 =	45.350	(93033.)
VPRS	1 =	0.194	(52.43)
VPRS	2 =	0.188	(51.42)
VPRS	3 =	0.195	(52.35)
VPRS	4 =	0.222	(56.06)
VPRS	5 =	0.213	(54.74)
VPRS	6 =	0.261	(60.41)

SUMMARY OF CORRECTED DATA

TIME = 1645
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.[illegible]

CORRECTED PRESSURE (PSIA) = [illegible]

SUMMARY OF MEASURED DATA AT 1700 0312

TEMP	1 =	526.222	(66.67)
TEMP	2 =	523.475	(63.91)
TEMP	3 =	523.911	(64.34)
TEMP	4 =	524.747	(65.17)
TEMP	5 =	524.481	(64.88)
TEMP	6 =	525.488	(65.90)
TEMP	7 =	527.273	(67.68)
TEMP	8 =	524.635	(65.09)
TEMP	9 =	524.106	(64.53)
TEMP	10 =	524.550	(65.0[illegible])
TEMP	11 =	525.373	(65.80)
TEMP	12 =	524.366	(64.76)
TEMP	13 =	524.085	(64.50)
TEMP	14 =	524.180	(64.64)
TEMP	15 =	524.136	(64.50)
TEMP	16 =	525.082	(65.48)
TEMP	17 =	524.471	(64.90)
TEMP	18 =	524.476	(64.89)
PRES	1 =	45.352	(93037.)
VPRS	1 =	0.196	(52.60)
VPRS	2 =	0.188	(51.43)
VPRS	3 =	0.193	(52.06)
VPRS	4 =	0.222	(56.11)
VPRS	5 =	0.212	(54.69)
VPRS	6 =	0.258	(60.08)

SUMMARY OF CORRECTED DATA

TIME = 1700
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.530

CORRECTED PRESSURE (PSIA) = 45.1388

SUMMARY OF MEASURED DATA AT 1715 0312

TEMP	1 =	526.222	(66.67)
TEMP	2 =	523.465	(63.90)
TEMP	3 =	523.881	(64.31)
TEMP	4 =	524.787	(65.21)
TEMP	5 =	524.521	(64.92)
TEMP	6 =	525.569	(65.98)
TEMP	7 =	527.353	(67.76)
TEMP	8 =	524.615	(65.07)
TEMP	9 =	524.166	(64.59)
TEMP	10 =	524.570	(65.04)
TEMP	11 =	525.393	(65.82)
TEMP	12 =	524.426	(64.82)
TEMP	13 =	524.105	(64.52)
TEMP	14 =	524.120	(64.58)
TEMP	15 =	524.146	(64.51)
TEMP	16 =	525.012	(65.41)
TEMP	17 =	524.481	(64.91)
TEMP	18 =	524.486	(64.90)
PRES	1 =	45.353	(93040.)
VPRS	1 =	0.196	(52.62)
VPRS	2 =	0.188	(51.45)
VPRS	3 =	0.193	(52.15)
VPRS	4 =	0.221	(55.93)
VPRS	5 =	0.212	(54.64)
VPRS	6 =	0.259	(60.16)

SUMMARY OF CORRECTED DATA

TIME = 1715
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.536

CORRECTED PRESSURE (PSIA) = 45.1403

SUMMARY OF MEASURED DATA AT 1730 0312

TEMP	1	=	526.252	(66.70)
TEMP	2	=	523.515	(63.95)
TEMP	3	=	523.871	(64.30)
TEMP	4	=	524.787	(65.21)
TEMP	5	=	524.541	(64.94)
TEMP	6	=	525.538	(65.95)
TEMP	7	=	527.343	(67.75)
TEMP	8	=	524.665	(65.12)
TEMP	9	=	524.176	(64.60)
TEMP	10	=	524.580	(65.05)
TEMP	11	=	525.393	(65.82)
TEMP	12	=	524.426	(64.82)
TEMP	13	=	524.166	(64.58)
TEMP	14	=	524.200	(64.66)
TEMP	15	=	524.186	(64.55)
TEMP	16	=	525.062	(65.46)
TEMP	17	=	524.501	(64.93)
TEMP	18	=	524.536	(64.95)
PRES	1	=	45.355	(93043.)
VPRS	1	=	0.196	(52.58)
VPRS	2	=	0.189	(51.63)
VPRS	3	=	0.197	(52.65)
VPRS	4	=	0.218	(55.56)
VPRS	5	=	0.212	(54.67)
VPRS	6	=	0.259	(60.21)

SUMMARY OF CORRECTED DATA

TIME = 1730
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.569

CORRECTED PRESSURE (PSIA) = 45.1414

SUMMARY OF MEASURED DATA AT 1745 0312

TEMP	1 =	526.282	(66.73)
TEMP	2 =	523.495	(63.93)
TEMP	3 =	523.881	(64.31)
TEMP	4 =	524.777	(65.20)
TEMP	5 =	524.571	(64.97)
TEMP	6 =	525.619	(66.03)
TEMP	7 =	527.283	(67.69)
TEMP	8 =	524.665	(65.12)
TEMP	9 =	524.156	(64.58)
TEMP	10 =	524.590	(65.06)
TEMP	11 =	525.413	(65.84)
TEMP	12 =	524.456	(64.85)
TEMP	13 =	524.146	(64.56)
TEMP	14 =	524.230	(64.69)
TEMP	15 =	524.176	(64.54)
TEMP	16 =	525.052	(65.45)
TEMP	17 =	524.501	(64.93)
TEMP	18 =	524.496	(64.91)
PRES	1 =	45.357	(93047.)
VPRS	1 =	0.197	(52.83)
VPRS	2 =	0.190	(51.75)
VPRS	3 =	0.199	(52.99)
VPRS	4 =	0.220	(55.76)
VPRS	5 =	0.212	(54.62)
VPRS	6 =	0.258	(60.09)

SUMMARY OF CORRECTED DATA

TIME = 1745
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.572

CORRECTED PRESSURE (PSIA) = 45.1425

SUMMARY OF MEASURED DATA AT 1800 0312

TEMP	1 =	526.282	(66.73)
TEMP	2 =	523.505	(63.94)
TEMP	3 =	523.901	(64.33)
TEMP	4 =	524.867	(65.29)
TEMP	5 =	524.601	(65.00)
TEMP	6 =	525.659	(66.07)
TEMP	7 =	527.313	(67.72)
TEMP	8 =	524.705	(65.16)
TEMP	9 =	524.246	(64.67)
TEMP	10 =	524.641	(65.11)
TEMP	11 =	525.443	(65.87)
TEMP	12 =	524.456	(64.85)
TEMP	13 =	524.156	(64.57)
TEMP	14 =	524.230	(64.69)
TEMP	15 =	524.226	(64.59)
TEMP	16 =	525.122	(65.52)
TEMP	17 =	524.561	(64.99)
TEMP	18 =	524.576	(64.99)
PRES	1 =	45.359	(93051.)
VPRS	1 =	0.197	(52.84)
VPRS	2 =	0.190	(51.72)
VPRS	3 =	0.199	(52.95)
VPRS	4 =	0.218	(55.52)
VPRS	5 =	0.211	(54.55)
VPRS	6 =	0.255	(59.80)

SUMMARY OF CORRECTED DATA

TIME = 1800
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.608

CORRECTED PRESSURE (PSIA) = 45.1454

SUMMARY OF MEASURED DATA AT 1815 0312

TEMP 1 =	526.322	(66.77)
TEMP 2 =	523.575	(64.01)
TEMP 3 =	523.951	(64.38)
TEMP 4 =	524.887	(65.31)
TEMP 5 =	524.631	(65.03)
TEMP 6 =	525.669	(66.08)
TEMP 7 =	527.353	(67.76)
TEMP 8 =	524.565	(65.02)
TEMP 9 =	524.276	(64.70)
TEMP 10 =	524.641	(65.11)
TEMP 11 =	525.503	(65.93)
TEMP 12 =	524.496	(64.89)
TEMP 13 =	524.176	(64.59)
TEMP 14 =	524.240	(64.70)
TEMP 15 =	524.266	(64.63)
TEMP 16 =	525.152	(65.55)
TEMP 17 =	524.641	(65.07)
TEMP 18 =	524.616	(65.03)
PRES 1 =	45.360	(93054.)
VPRS 1 =	0.197	(52.74)
VPRS 2 =	0.191	(51.87)
VPRS 3 =	0.200	(53.13)
VPRS 4 =	0.217	(55.40)
VPRS 5 =	0.211	(54.46)
VPRS 6 =	0.258	(60.04)

SUMMARY OF CORRECTED DATA

TIME = 1815
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.642

CORRECTED PRESSURE (PSIA) = 45.1465

SUMMARY OF MEASURED DATA AT 1830 0312

TEMP	1 =	526.362	(66.81)
TEMP	2 =	523.575	(64.01)
TEMP	3 =	523.881	(64.31)
TEMP	4 =	524.837	(65.26)
TEMP	5 =	524.651	(65.05)
TEMP	6 =	525.799	(66.21)
TEMP	7 =	527.433	(67.84)
TEMP	8 =	524.625	(65.08)
TEMP	9 =	524.256	(64.68)
TEMP	10 =	524.691	(65.16)
TEMP	11 =	525.543	(65.97)
TEMP	12 =	524.516	(64.91)
TEMP	13 =	524.276	(64.69)
TEMP	14 =	524.320	(64.78)
TEMP	15 =	524.326	(64.69)
TEMP	16 =	525.112	(65.51)
TEMP	17 =	524.581	(65.01)
TEMP	18 =	524.666	(65.08)
PRES	1 =	45.362	(93058.)
VPRS	1 =	0.196	(52.65)
VPRS	2 =	0.192	(51.97)
VPRS	3 =	0.195	(52.39)
VPRS	4 =	0.218	(55.56)
VPRS	5 =	0.210	(54.40)
VPRS	6 =	0.260	(60.35)

SUMMARY OF CORRECTED DATA

TIME = 1830
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.669

CORRECTED PRESSURE (PSIA) = 45.1487

SUMMARY OF MEASURED DATA AT 1845 0312

TEMP	1	=	526.382	(66.83)
TEMP	2	=	523.505	(63.94)
TEMP	3	=	523.871	(64.30)
TEMP	4	=	524.837	(65.26)
TEMP	5	=	524.631	(65.03)
TEMP	6	=	525.769	(66.18)
TEMP	7	=	527.403	(67.81)
TEMP	8	=	524.655	(65.11)
TEMP	9	=	524.316	(64.74)
TEMP	10	=	524.711	(65.18)
TEMP	11	=	525.543	(65.97)
TEMP	12	=	524.556	(64.95)
TEMP	13	=	524.276	(64.69)
TEMP	14	=	524.280	(64.74)
TEMP	15	=	524.306	(64.67)
TEMP	16	=	525.062	(65.46)
TEMP	17	=	524.571	(65.00)
TEMP	18	=	524.576	(64.99)
PRES	1	=	45.363	(93061.)
VPRS	1	=	0.198	(52.96)
VPRS	2	=	0.192	(51.99)
VPRS	3	=	0.202	(53.40)
VPRS	4	=	0.213	(54.95)
VPRS	5	=	0.210	(54.45)
VPRS	6	=	0.258	(60.14)

SUMMARY OF CORRECTED DATA

TIME = 1845
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.650

CORRECTED PRESSURE (PSIA) = 45.1496

SUMMARY OF MEASURED DATA AT 1900 0312

TEMP	1 =	526.382	(66.83)
TEMP	2 =	523.585	(64.02)
TEMP	3 =	523.841	(64.27)
TEMP	4 =	524.917	(65.34)
TEMP	5 =	524.641	(65.04)
TEMP	6 =	525.829	(66.24)
TEMP	7 =	527.533	(67.94)
TEMP	8 =	524.625	(65.08)
TEMP	9 =	524.326	(64.75)
TEMP	10 =	524.711	(65.18)
TEMP	11 =	525.553	(65.98)
TEMP	12 =	524.546	(64.94)
TEMP	13 =	524.306	(64.72)
TEMP	14 =	524.380	(64.84)
TEMP	15 =	524.336	(64.70)
TEMP	16 =	525.222	(65.62)
TEMP	17 =	524.702	(65.13)
TEMP	18 =	524.686	(65.10)
PRES	1 =	45.365	(93065.)
VPRS	1 =	0.198	(52.97)
VPRS	2 =	0.193	(52.12)
VPRS	3 =	0.201	(53.14)
VPRS	4 =	0.213	(54.87)
VPRS	5 =	0.210	(54.39)
VPRS	6 =	0.260	(60.33)

SUMMARY OF CORRECTED DATA

TIME = 1900
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.709

CORRECTED PRESSURE (PSIA) = 45.1516

SUMMARY OF MEASURED DATA AT 1915 0312

TEMP	1 =	526.472	(66.92)
TEMP	2 =	523.615	(64.05)
TEMP	3 =	524.001	(64.43)
TEMP	4 =	524.917	(65.34)
TEMP	5 =	524.721	(65.12)
TEMP	6 =	525.819	(66.23)
TEMP	7 =	527.513	(67.92)
TEMP	8 =	524.755	(65.21)
TEMP	9 =	524.256	(64.68)
TEMP	10 =	524.741	(65.21)
TEMP	11 =	525.543	(65.97)
TEMP	12 =	524.546	(64.94)
TEMP	13 =	524.296	(64.71)
TEMP	14 =	524.330	(64.79)
TEMP	15 =	524.256	(64.62)
TEMP	16 =	525.042	(65.44)
TEMP	17 =	524.682	(65.11)
TEMP	18 =	524.616	(65.03)
PRES	1 =	45.366	(93067.)
VPRS	1 =	0.198	(52.92)
VPRS	2 =	0.192	(52.07)
VPRS	3 =	0.203	(53.41)
VPRS	4 =	0.214	(55.02)
VPRS	5 =	0.210	(54.40)
VPRS	6 =	0.25	(59.84)

SUMMARY OF CORRECTED DATA

TIME = 1915
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.690

CORRECTED PRESSURE (PSIA) = 45.1529

SUMMARY OF MEASURED DATA AT 1930 0312

TEMP	1 =	526.462	(66.91)
TEMP	2 =	523.695	(64.13)
TEMP	3 =	524.041	(64.47)
TEMP	4 =	525.037	(65.46)
TEMP	5 =	524.821	(65.22)
TEMP	6 =	525.909	(66.32)
TEMP	7 =	527.483	(67.89)
TEMP	8 =	524.685	(65.14)
TEMP	9 =	524.286	(64.71)
TEMP	10 =	524.771	(65.24)
TEMP	11 =	525.603	(66.03)
TEMP	12 =	524.636	(65.03)
TEMP	13 =	524.326	(64.74)
TEMP	14 =	524.430	(64.89)
TEMP	15 =	524.346	(64.71)
TEMP	16 =	525.222	(65.62)
TEMP	17 =	524.712	(65.14)
TEMP	18 =	524.696	(65.11)
PRES	1 =	45.368	(93071.)
VPRS	1 =	0.199	(53.09)
VPRS	2 =	0.193	(52.10)
VPRS	3 =	0.202	(53.40)
VPRS	4 =	0.214	(55.10)
VPRS	5 =	0.210	(54.42)
VPRS	6 =	0.257	(59.96)

SUMMARY OF CORRECTED DATA

TIME = 1930
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.763

CORRECTED PRESSURE (PSIA) = 45.1543

SUMMARY OF MEASURED DATA AT 1945 0312

TEMP 1 =	526.412	(66.86)
TEMP 2 =	523.726	(64.16)
TEMP 3 =	524.041	(64.47)
TEMP 4 =	524.977	(65.40)
TEMP 5 =	524.721	(65.12)
TEMP 6 =	525.859	(66.27)
TEMP 7 =	527.583	(67.99)
TEMP 8 =	524.655	(65.11)
TEMP 9 =	524.306	(64.73)
TEMP 10 =	524.791	(65.26)
TEMP 11 =	525.613	(66.04)
TEMP 12 =	524.676	(65.07)
TEMP 13 =	524.356	(64.77)
TEMP 14 =	524.360	(64.82)
TEMP 15 =	524.356	(64.72)
TEMP 16 =	525.292	(65.69)
TEMP 17 =	524.742	(65.17)
TEMP 18 =	524.736	(65.15)

PRES 1 =	45.370	(93074.)

VPRS 1 =	0.199	(53.00)
VPRS 2 =	0.192	(52.09)
VPRS 3 =	0.205	(53.72)
VPRS 4 =	0.211	(54.61)
VPRS 5 =	0.210	(54.45)
VPRS 6 =	0.260	(60.28)

SUMMARY OF CORRECTED DATA

TIME = 1945
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.768

CORRECTED PRESSURE (PSIA) = 45.1556

SUMMARY OF MEASURED DATA AT 2000 0312

TEMP	1 =	526.382	(66.83)
TEMP	2 =	523.706	(64.14)
TEMP	3 =	524.041	(64.47)
TEMP	4 =	525.057	(65.48)
TEMP	5 =	524.771	(65.17)
TEMP	6 =	525.859	(66.27)
TEMP	7 =	527.513	(67.92)
TEMP	8 =	524.715	(65.17)
TEMP	9 =	524.336	(64.76)
TEMP	10 =	524.811	(65.28)
TEMP	11 =	525.583	(66.01)
TEMP	12 =	524.706	(65.10)
TEMP	13 =	524.326	(64.74)
TEMP	14 =	524.360	(64.82)
TEMP	15 =	524.346	(64.71)
TEMP	16 =	525.222	(65.62)
TEMP	17 =	524.762	(65.19)
TEMP	18 =	524.816	(65.23)
PRES	1 =	45.372	(93078.)
VPRS	1 =	0.198	(52.92)
VPRS	2 =	0.192	(52.02)
VPRS	3 =	0.201	(53.17)
VPRS	4 =	0.213	(54.89)
VPRS	5 =	0.211	(54.46)
VPRS	6 =	0.257	(60.03)

SUMMARY OF CORRECTED DATA

TIME = 2000
DATE = 0312

TEMPERATURE (EGREES R.) = 524.773

CORRECTED PRESSURE (PSIA) = 45.1584

SUMMARY OF MEASURED DATA AT 2015 0312

TEMP	1 =	526.452	(66.90)
TEMP	2 =	523.726	(64.16)
TEMP	3 =	524.021	(64.45)
TEMP	4 =	525.097	(65.52)
TEMP	5 =	524.761	(65.16)
TEMP	6 =	525.919	(66.33)
TEMP	7 =	527.633	(68.04)
TEMP	8 =	524.735	(65.19)
TEMP	9 =	524.426	(64.85)
TEMP	10 =	524.841	(65.31)
TEMP	11 =	525.643	(66.07)
TEMP	12 =	524.676	(65.07)
TEMP	13 =	524.396	(64.81)
TEMP	14 =	524.390	(64.85)
TEMP	15 =	524.386	(64.75)
TEMP	16 =	525.282	(65.68)
TEMP	17 =	524.772	(65.20)
TEMP	18 =	524.846	(65.26)
PRES	1 =	45.373	(93080.)
VPRS	1 =	0.200	(53.19)
VPRS	2 =	0.193	(52.13)
VPRS	3 =	0.208	(54.16)
VPRS	4 =	0.212	(54.86)
VPRS	5 =	0.211	(54.51)
VPRS	6 =	0.258	(60.04)

SUMMARY OF CORRECTED DATA

TIME = 2015
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.804

CORRECTED PRESSURE (PSIA) = 45.1576

SUMMARY OF MEASURED DATA AT 2030 0312

TEMP	1 =	526.462	(66.91)
TEMP	2 =	523.726	(64.16)
TEMP	3 =	524.041	(64.47)
TEMP	4 =	525.057	(65.48)
TEMP	5 =	524.791	(65.19)
TEMP	6 =	525.869	(66.28)
TEMP	7 =	527.533	(67.94)
TEMP	8 =	524.745	(65.20)
TEMP	9 =	524.446	(64.87)
TEMP	10 =	524.821	(65.29)
TEMP	11 =	525.663	(66.09)
TEMP	12 =	524.746	(65.14)
TEMP	13 =	524.386	(64.80)
TEMP	14 =	524.430	(64.89)
TEMP	15 =	524.466	(64.83)
TEMP	16 =	525.252	(65.65)
TEMP	17 =	524.822	(65.25)
TEMP	18 =	524.786	(65.20)
PRES	1 =	45.374	(93083.)
VPRS	1 =	0.199	(53.08)
VPRS	2 =	0.193	(52.10)
VPRS	3 =	0.205	(53.77)
VPRS	4 =	0.211	(54.72)
VPRS	5 =	0.211	(54.52)
VPRS	6 =	0.261	(60.44)

SUMMARY OF CORRECTED DATA

TIME = 2030
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.817

CORRECTED PRESSURE (PSIA) = 45.1592

SUMMARY OF MEASURED DATA AT 2045 0312

TEMP	1 =	526.532	(66.98)
TEMP	2 =	523.736	(64.17)
TEMP	3 =	524.151	(64.58)
TEMP	4 =	525.087	(65.51)
TEMP	5 =	524.781	(65.18)
TEMP	6 =	525.869	(66.28)
TEMP	7 =	527.623	(68.03)
TEMP	8 =	524.825	(65.28)
TEMP	9 =	524.386	(64.81)
TEMP	10 =	524.831	(65.30)
TEMP	11 =	525.643	(66.07)
TEMP	12 =	524.696	(65.09)
TEMP	13 =	524.366	(64.78)
TEMP	14 =	524.540	(65.00)
TEMP	15 =	524.507	(64.87)
TEMP	16 =	525.322	(65.72)
TEMP	17 =	524.872	(65.30)
TEMP	18 =	524.846	(65.26)
PRES	1 =	45.376	(93087.)
VPRS	1 =	0.199	(53.09)
VPRS	2 =	0.192	(52.05)
VPRS	3 =	0.206	(53.83)
VPRS	4 =	0.213	(54.92)
VPRS	5 =	0.211	(54.58)
VPRS	6 =	0.256	(59.92)

SUMMARY OF CORRECTED DATA

TIME = 2045
DATE = 0312

TEMPERATURE (DEGREES R.) = 524.849

CORRECTED PRESSURE (PSIA) = 45.1616

APPENDIX A

BECHTEL ILRT COMPUTER PROGRAM

I. PROGRAM AND REPORT DESCRIPTION

A. The Bechtel ILRT computer program is used to determine the integrated leakage rate of a nuclear reactor primary containment structure. The program is used to compute leakage rate based on input values of time and containment atmosphere total pressure, drybulb temperature and dewpoint temperature (water vapor pressure). Leakage rate is computed using the Absolute Method as defined in ANSI N45.4-1972, "Leakage Rate Testing of Containment Structures for Nuclear Reactors". The program is designed to allow the user to evaluate containment leakage rate test results at the jobsite during containment leakage rate testing. Current leakage rate values may be obtained at any time during the testing period using any one of two computational methods, yielding three different report printouts.

B. The first printout, the Total-Time Report, is based on the Total-Time Method described in ANSI N45.4-1972. Leakage rate is computed from initial values of containment atmosphere drybulb temperature and partial pressure of dry air, the latest values of the same parameters, and elapsed time. These individually computed leakage rates are statistically averaged using linear regression by the method of least squares. The Total-Time Method is the computational technique upon which the short duration test criteria of BN-TOP-1, Revision 1, "Testing Criteria for Integrated Leakage Rate Testing of Primary Containment Structures for Nuclear Power Plants" is based.

C. The second printout, the Trend Report, is a summary of leakage rate values based on Total-Time computations presented as a function of number of data points and elapsed time (test duration). The Trend Report provides all leakage rate values required for comparison to the acceptance criteria of BN-TOP-1 for conduct of a short duration test.

D. The third printout is the Mass-Point Report and is based on the Mass-Point Analysis Technique described in ANS N274, Draft No. 2, Revision 1 April, 1978, "Containment System Leakage Testing Requirements". The mass of dry air in the containment is computed at each data point (time), using the Equation of State, from current values of containment atmosphere drybulb temperature and partial pressure of dry air. Contained mass is "plotted" versus time and a regression line is fit to the data using the method of least squares. Leakage rate is determined from the statistically derived slope and intercept of the regression line.

E. The program is written in a high level language and is designed for use on a interactive time-shared computer system via a remote data terminal. Brief descriptions of program use, formulae used for leakage rate computations and program logic are provided in the following paragraphs.

II. EXPLANATION OF PROGRAM

A. The Bechtel ILRT computer program is written, for use by experienced ILRT personnel, to determine containment integrated leakage rates based on the Absolute Method described in ANSI N45.4-1972.

B. Information loaded into the program prior to the start of the test:

1. Number of containment atmosphere drybulb temperature sensors and dewpoint temperature (water vapor pressure) sensors to be used in leakage rate computations for the specific test.

2. Volume fractions assigned to each of the above sensors.

3. Calibration data for above sensors if required.

4. Calibration data for pressure sensor.

C. Information entered into the program at the start of the test:

1. Test title.

2. Current test pressure and peak test pressure.

3. Maximum allowable leakage rate at peak test pressure.

4. Containment free air volume.

5. If the test is a verification test:

   a. Imposed leakage rate.

   b. Leakage rate(s) determined using the two computational methods described in Paragraph I. above during the ILRT.

D. Data entered during the test, used to compute leakage rate:

1. Time and date.

2. Containment atmosphere drybulb temperatures.

3. Containment atmosphere pressure.

4. Containment atmosphere dewpoint temperature.

E. After all data at a given time is entered, a Summary of Measured Data report (refer to "Final Test Reports and Data" section) is printed-out on the data terminal. After a final verification of the entered data, the time, date, containment atmosphere weighted average drybulb temperature and partial pressure of the dry air component of the containment atmosphere are stored on a data file.

F. If drybulb and dewpoint temperature sensors should fail during the test, the data from the sensor(s) is not used. The volume fractions for the remaining sensors are recomputed and reloaded into the program for use in ensuing leakage rate computations.

III. LEAKAGE RATE FORMULAE

A. Computation using the Total-Time Method:

1. Measured leakage rate, from data:

$$P_1V = W_1RT_1 \quad (1)$$

$$P_2V = W_2RT_2 \quad (2)$$

$$L_{1-2} = \frac{24}{\Delta t} \cdot \frac{W_1 - W_2}{W_1} \cdot 100 \quad (3)$$

Solving for W_1 and W_2 and substituting equations (1) and (2) into (3) yields:

$$L_{1-2} = \frac{2400}{\Delta t}\left[1 - \frac{T_1P_2}{T_2P_1}\right] \quad (4)$$

Where:

W_1, W_2 = Weight of contained mass of dry air at times t_1 and t_2 respectively, lbm.

T_1, T_2 = Containment atmosphere drybulb temperature at times t_1 and t_2 respectively, ^oR

P_1, P_2 = Partial pressure of the dry air component of the containment atmosphere at times t_1 and t_2 respectively, PSIA.

t_1 = Real time at start of computation interval, hours and minutes.

t_2 = Real time at end of computation interval, hours and minutes

Δt = Elapsed time from t_1 to t_2, hours.

V = Containment free air volume (assumed to be constant during computation interval), ft^3.

R = Specific gas constant for dry air = 53.35 $\frac{\text{Ft lbf.}}{\text{lbm.}^oR}$

L_{1-2} = Measured leakage rate computed during time interval t_1 to t_2, %/day.

2. Calculated leakage rate from regression analysis:

$$\tilde{L} = a + bk \quad (5)$$

Where:

$\tilde{L}$ = Calculated leakage rate, %/day, as determined from the regression line.

k = Test duration or elapsed time during computation interval, hours.

$$a = \frac{(\Sigma L_i)(\Sigma k_i^2) - (\Sigma k_i)(\Sigma L_i k_i)}{N(\Sigma k_i^2) - (\Sigma k_i)^2} \quad (6)$$

$$b = \frac{N(\Sigma L_i k_i) - (\Sigma L_i)(\Sigma k_i)}{N(\Sigma k_i^2) - (\Sigma k_i)^2} \quad (7)$$

k_i = Elapsed time during the i th computation interval.

N = Number of leakage rate calculations.

$\Sigma = \sum_{i=1}^{N}$

3. Calculated leakage rate at the 95% confidence level (including error associated with the test).

a. Total-Time Method per BN-TOP-1.

$$\tilde{L}_{95} = a + bk \pm S_{\tilde{L}} \quad (8)$$

Where:

$\tilde{L}_{95}$ = Calculated leakage rate at the 95% confidence level, %/day, at elapsed time k.

$$S_{\tilde{L}} = t_{0.025;N-2} \sqrt{\frac{\Sigma(L_i - \tilde{L}_i)^2}{N-2}} \sqrt{1 + \frac{1}{N} + \frac{(k - \bar{k})^2}{\Sigma(k_i - \bar{k})^2}}$$

$$t_{0.025;N-2} = 1.96 + \frac{2.37}{N-2} + \frac{2.82}{(N-2)^2}$$

$\tilde{L}_i$ = Calculated leakage rate computed using equation (5) at total elapsed time k_i, %/day.

$$\bar{k} = \frac{\Sigma k_i}{N}$$

All other symbols as previously defined.

b. Total-Time Method per ANS N274, Draft No. 1, Rev. 3.

$$\tilde{L} = a + bk \pm S_{\tilde{L}} \quad (9)$$

Where:

$$S_{\tilde{L}} = t_{0.025,N-2}\sqrt{\frac{\Sigma(L_i-\tilde{L}_i)^2}{N-2}}\sqrt{\frac{1}{N}+\frac{(k-\bar{k})^2}{\Sigma(k_i-\bar{k})}}$$

C. Computation using the Mass-Point Method

1. Contained mass of dry air from data:

$$W = 144\,\frac{PV}{RT} \qquad (10)$$

Where:

All symbols as previously defined.

2. Calculated leakage rate from regression analysis:

$$\tilde{L} = 2400\,\frac{b}{a} \qquad (11)$$

Where:

$\tilde{L}$ = Calculated leakage rate, %/day, as determined from the regression line.

$$a = \frac{(\Sigma W_i)\,(\Sigma k_i^2) - (\Sigma k_i W_1)\,(\Sigma k_i)}{N(\Sigma k_i^2) - (\Sigma k_i)^2} \qquad (12)$$

$$b = \frac{N(\Sigma k_i W_i) - (\Sigma W_i)\,(\Sigma k_i)}{N(\Sigma k_i^2) - (\Sigma k_i)^2} \qquad (13)$$

k_i = Total elapsed time at time of i th data point, hours.

N = Number of data points.

W_i = Contained mass of dry air at i th data point lbm, as computed from equation (10).

$\Sigma = \sum_{i=1}^{N}$

3. Calculated leakage rate at the 95% confidence level.

$$L_{95} = \frac{2400}{a}\,(b \pm S_b) \qquad (14)$$

Where:

L_{95} = Calculated leakage rate at the 95% confidence level, %/day.

$$S_b = t_{0.025;N-2} \Big/ \sqrt{\frac{\frac{\Sigma(W_i-\tilde{W}_i)^2}{N-2}}{\Sigma(k_1-\bar{k})^2}} \qquad (15)$$

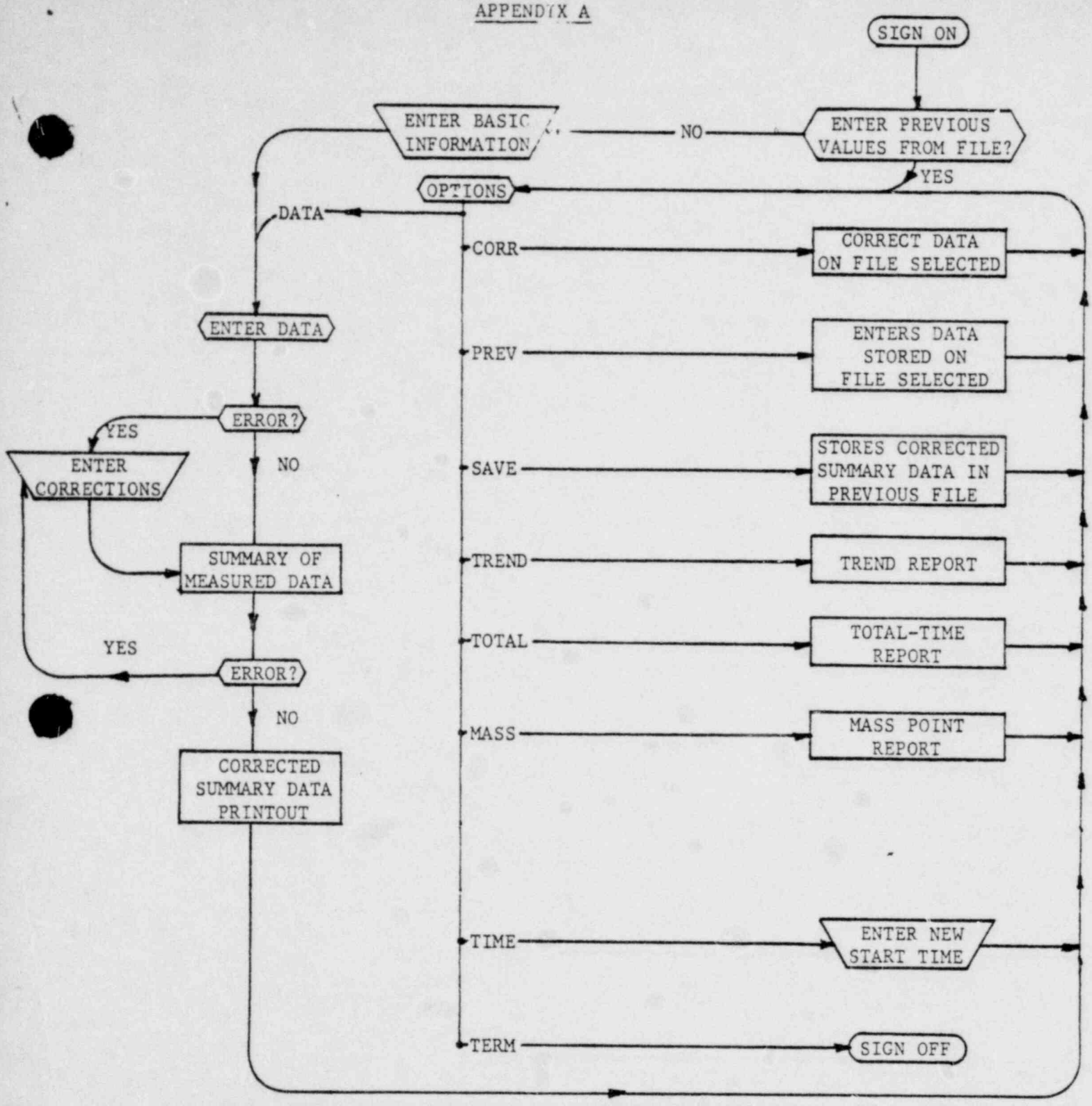
$\tilde{W}_i$ = Contained mass of dry air, lbm, computed at the i th data point from the regression equation $\tilde{W} = a + bk$.

All other symbols as previously defined.

IV. PROGRAM LOGIC

A. A flow chart of Bechtel ILRT computer program usage is presented in Figure 1, following. The various user options and a brief description of their associated function is presented below.

OPTION COMMAND	FUNCTION
DATA	Enables operator to enter raw data. When the system requests values of time, temperature, pressure and vapor pressure, the user enters the appropriate data. After completing the data entry, a summary is printed out. The user then verifies that the data was entered correctly. If errors are detected, the user will then be given the opportunity to correct the errors. After the user verifies that the data was entered correctly, a Corrected Data Summary Report of time, date, average temperature and partial pressure of dry air is printed.
TREND	Terminal will print out a Trend Report.
TOTAL	Terminal will print out a Total-Time Report.
MASS	Terminal will print out a Mass Point Report.
TERM	Enables operator to sign-off.
SAVE	Enables operator to store the Temperature and Pressure Corrected Data Summary on a file thereby updating the current file automatically.
TIME	Enables operator to eliminate old data from the program by selecting a later start time.
PREV	Enables operator to call up an old, previously stored, file or to re-store data on the current file.
CORR	Enables operator to correct data stored on a file.
LIST	When used with a given file name, the printer will print out a listing of the Summary Data stored on the file.



BECHTEL CONTAINMENT INTEGRATED LEAKAGE RATE TEST
COMPUTER PROGRAM FLOW CHART

Figure 1