

PRESSURE TESTING
ALTITUDE CORRECTION FOR
SF₆ GAS

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1. GENERAL

1.01 Pressure readings made on Sulphur Hexafluoride (SF₆) filled cables must be corrected for differences in altitude, so that all pressures to be plotted on a gradient are equivalent values at a common elevation. This section furnishes data for such corrections and also outlines methods for preparing simplified corrections for use in the day-to-day maintenance job.

1.02 SF₆ filled cables will be maintained under the periodic charge system and pressure measurements will be made using absolute pressure measuring instruments. This requires the use of Wallace and Tierman FA185031 Absolute Pressure Manometers for precise measurements and Wallace and Tierman FA160191 Absolute Pressure Gauges for routine pressure measurements. Readings with these instruments are not affected by atmospheric pressure and will be expressed in pounds per square inch absolute, hereinafter abbreviated to "psia".

1.03 SF₆ gas is about 5 times as heavy as air or nitrogen. Therefore, in a stabilized gas section, the measured pressure at the point of lowest elevation will be greater than the measured pressure at the point of highest elevation, by an amount equal to the weight of the gas for a column of a height represented by the elevation difference. Cable temperature and pressure also affect the correction to be made. For an elevation difference of 100 ft., this varies as follows:-

30°F.	- 15.0 psia	- correction is	0.284 psia
30°F.	- 25.0 psia	- "	0.474 psia
100°F.	- 15.0 psia	- "	0.249 psia
100°F.	- 25.0 psia	- "	0.415 psia

Thus for an elevation difference of 100 ft. the measured pressure at the temperature and pressure extremes may range from 0.249 to 0.474 psia, when the cable pressure is fully stabilized. (With nitrogen filled cables and pressure measurements made with a pressure testing manometer the elevation correction is only 0.03 psi per 100 ft. elevation difference.) For a 500 ft. elevation difference the pressure variation would be 5 times as great (2.37 psia maximum). This indicates the necessity for elevation correction of pressure measurements for all gas pressure work.

2. ELEVATION DIFFERENCES

2.01 Other instructions cover the method of securing elevation differences of valve points along cable routes, using Altimeters and Walkie-talkie instruments. The lowest valve in the section is considered as the zero reference point, and the elevation is determined in feet for all other valves above this low valve reference point. Such elevation data must be secured and converted for use in each gas section.

2.02 The accuracy of the elevation data can be checked in a leak-free cable by securing pressure readings on the SF₆ filled cable gas section after charging and equalization, then correcting the readings and plotting the resultant gradient. This gradient should be smooth (but not necessarily at the same pressure throughout), with no major variations at individual valves. The required accuracy is dependent on the type of measuring instrument used. For the day-to-day maintenance work using the gauge, its accuracy of measurement is about .03 psia (this equates to about 10 ft. of elevation), so that a variation from the smooth gradient at any one or more valves in excess of this value calls for a check of the elevation data. When an absolute manometer is used for the readings, where the measurement accuracy is .01 psia (this equates to about 3 ft.), the variation from a smooth gradient over the valves measured should not exceed .01 psia.

2.03 Where a leak existed in the cable when the SF₆ gas was added, the adequacy of the elevation data can be checked by comparing a stabilized gradient secured on the nitrogen filled cable just before the SF₆ gas was added with one after addition of SF₆. A plot of pressure differences between the two sets of readings, after applying elevation corrections, should suffice.

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2.04 A hump or dip in the smooth corrected stabilized gradient, at any one valve, may be due to incorrect elevation data or an error in determining relative elevation differences. Another possible reason for such an irregularity is the presence of a slug of nitrogen which was not removed during charging; this latter can be checked by using the B Flow Indicator (as specified in G73.306.1) in the vicinity of the irregularity, to determine the SF₆ concentration.

2.05 For accurate leak location work using an absolute manometer it will be necessary to determine elevations at each of the valves where readings are taken to locate the leak involved. To determine the elevations as accurately as possible, use a surveyor's level or its equivalent if the altimeter measurements do not afford the desired degree of accuracy mentioned in Paragraph 2.02. For this group of valves, corrections can be determined for elevations above the lowest valve in the group, if it does not include the lowest valve in the gas section.

3. PRESSURE STANDARDS

3.01 For normal maintenance work the lowest elevation valve in a given gas section is considered the reference valve and is given an elevation of 0. This permits adding the elevation corrections to pressure readings at other valves so that they will all be at an equivalent common elevation for plotting purposes.

3.02 The desired pressure when the cable is fully charged, at the lowest reference valve, is 24 psia at 60°F. (1 psia less than top scale reading on the instruments).

3.03 The pressure for gas admission points during charging must be such as to produce about 24.0 psia at the lowest elevation reference valve. Charging is done by setting the regulator static at the required pressure measured with the absolute gauge, without regard to temperature.

3.04 The fully charged pressure existing at contactor locations, based on 24 psia at 60°F. at the lowest elevation reference valve, must be determined; the desired contactor operating pressure at such locations shall be 3.0 psia below the fully charged cable pressure. Contactors should be adjusted based on temperature corrections, to maintain uniformity, and so that subsequent checks and adjustment of operating pressure can be made on a comparable basis.

3.05 The B pressure testing rule can be modified for temperature correction use with absolute pressures by adding 15 psi to the readings on Scale A of the rule. A satisfactory permanent rule can be secured as follows:-

- (a) With a pencil eraser, scuff the smooth surface of the rule adjacent to the pressure reading.
- (b) With India Ink and a pen, write the new pressure in the scuffed area, i.e., existing pressure of 6 + 15 = 21; write in 21 opposite 6 on Scale A.
- (c) Allow ink to dry; then spread clear nail polish over the inked numbers.

3.06 A tag should be installed at all regular valves, charging points and contactor locations stamped with the elevation above the lowest reference valve and the fully charged cable pressure at a nominal temperature of 60°F., thus:-

186'
23.2

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Data for such tags should be furnished to field forces so that tags can be stamped and installed as covered in G73.231.9.

4. USE OF TABLES

4.01 The detailed tables attached must be used to secure elevation corrections for all pressure readings made on SF₆ filled cables where such readings are taken with a sensitive absolute manometer. It is assumed, of course, that elevation differences have been checked as outlined in Part 2 and found to be correct.

4.02 The detailed tables should also be used in formulating the simplified correction charts for gauge readings made in the day-to-day maintenance work. (See Simplified Charts attached.) The preparation of these charts is covered in Part 5.

Determining Charging Pressure

4.03 From Part 3, the desired pressure at the lowest valve (reference point) in the gas section is 24 psia at 60°F. The procedure to determine the corresponding pressures at other points in a stabilized gas section can best be illustrated by the following example:-

- (a) Assume a charging point 263 ft. higher in elevation than the lowest valve.
- (b) Select the table attached covering 60 to 69°F. and 20-25 psia.
- (c) The correction per foot for 24 psia at 60°F. = .00429 psia.
- (d) The correction for 263 ft. = $263 \times .00429$ psia = 1.12827 (round-off to 1.1).

- (e) The charging point is higher than the lowest valve, so that the desired charging pressure = 24.0 - 1.1 = 22.9 psia.

Note :- Since charging is done without regard to temperature, the lowest valve pressures may vary from 24.0 psia with the seasons and due to regulator creepage, but this is not significant on underground and buried cables. Even if the pressure went slightly above 25 psia (top gauge pressure) it would merely signify a tight cable.

Determining Contactor Operating Pressures

4.04 Contactor operating pressure should be 3 psia below the fully charged cable pressure at the contactor location per Part 3. If the location in Paragraph 4.03 is assumed to be a contactor location, 263 ft. above the lowest valve, and the temperature of the cable at the time the contactor is checked is 49°F., the procedure for determining contactor operating pressure would be as follows:-

- (a) Fully charged cable pressure = 24-1.1 = 22.9 psia at 60°F.
- (b) Desired contactor setting 22.9 - 3.0 = 19.9 psia at 60°F.
- (c) Desired contactor setting at 49°F. = 19.5 psia (from modified B pressure testing rule - see Part 3).
- (d) If existing contactor operating pressure falls within 19.5 + 0.5 psia, no adjustment is necessary; otherwise, adjust to 19.5 psia.

Correcting Pressure Measurements Made With A Sensitive Manometer For Gradient Work

4.05 When pressure measurements are made with sensitive manometers, it is necessary to read

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the pressure and the cable temperature and then use the attached tables as follows:-

- (a) Assume a measured pressure of 21.62 psia made with a W. and T. FA185031 manometer at a valve whose elevation above the lowest valve in the gas section (or the lowest valve in the group of valves where readings are taken to locate the leak) is 180 ft. Observed cable temperature at this valve location 43°F.
- (b) Select the table attached covering 40-49°F. and 20-25 psia.
- (c) The nearest pressure to 21.62 is 21.6 psia. Enter the table at this pressure.
- (d) The correction per foot for a pressure of 21.6 psia at 43°F. = .00399 psia.
- (e) The correction for 180 ft. = $180 \times .00399 = 0.7182$ psia (round out to 0.72).

Note:- If more sensitive manometers are used which read to .001 psia round-out above correction to 0.718 psia.

- (f) Add correction to pressure reading to get corrected pressure i.e., $21.62 + 0.72 = 22.34$ psia. This is the corrected pressure which should be used for gradient plotting purposes. All readings at other locations should be similarly corrected.

5. PREPARATION OF SIMPLIFIED FIELD CORRECTION CHARTS

5.01 The procedure outlined in Paragraph 4.05 for correcting pressure measurements, although involved, should present no difficulties when used for sensitive instrument measurements under technical supervision. For day-to-day pressure

measurements by normal maintenance forces the corrections do not appear practical. In addition to being cumbersome and time consuming, the many steps required to correct each pressure reading introduce the likelihood of errors. Therefore, a somewhat simpler set of charts, which involves only a simple addition, should be prepared by technical people covering each valve, contactor and charging point. The following paragraphs describe the preparation of such charts.

5.02 It is possible to combine certain temperature ranges for a spread of elevation differences without introducing correction errors in excess of ± 0.03 psia (which is the expected accuracy of the absolute gauge). For example, gas sections with elevation differences not exceeding 100 ft. require no temperature measurements (entire spread from 30 to 100°F. combined) and total pressure correction can be shown as a single figure which is added to the read pressure. The limits for such combining are tabulated below:-

	<u>Elevation Difference 0-100 Ft.</u>		<u>Elevation Difference 101-200 Ft.</u>
	<u>Temp. Range °F.</u>		<u>Temp. Range °F.</u>
	1 Column, No Temp. Measurement Necessary Avg. = 65°F.		30-65 66-101 <u>Avg. 47 Avg. 83</u>
Measured Pressure Increments			

Steps of
0.1 psia
from 15 to
25 psia
(100 steps)

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Elevation Difference
201-250 Ft.

	Temp. Range °F.		
Measured Pressure Increments	30-55	56-80	81-105
	<u>Avg. 42</u>	<u>Avg. 68</u>	<u>Avg. 93</u>

Steps of
0.1 psia
from 15 to
25 psia
(100 steps)

Elevation Difference
251-350 Ft.

	Temp. Range °F.			
Measured Pressure Increments	30-47	48-65	66-83	84-101
	<u>Avg. 38</u>	<u>Avg. 56</u>	<u>Avg. 74</u>	<u>Avg. 92</u>

Steps of
0.1 psia
from 15 to
25 psia
(100 steps)

Elevation Difference
351-500 Ft.

	Temp. Range °F.				
Measured Pressure Increments	30-45	46-60	61-75	76-90	91-105
	<u>Avg. 37</u>	<u>Avg. 53</u>	<u>Avg. 67</u>	<u>Avg. 83</u>	<u>Avg. 98</u>

Steps of
0.1 psia
from 15 to
25 psia
(100 steps)

5.03 At each power feed location the adjacent sections of cable containing SF₆ gas should, generally, be treated as one gas section. Where such a section is over 8 miles in length, (two L3 sections) it may be split into two or more 8 mile or longer sections. This will permit a reduction (and consequent simplification) in the correction charts. For example, if there is SF₆ gas in 24 miles of cable where the elevation rise is uniform and amounts to less than 100 ft. per 8 mile section, it would be preferable to split it into 3 gas sections and, for each section, prepare charts with one correction for all temperatures rather than keep it as one gas section and prepare charts with several corrections for different temperature ranges for most of the valves.

5.04 Attached are sample charts showing the simplified correction for a typical gas section. This is the type of chart to be prepared for use by sectionmen in their normal maintenance work, for correcting pressure measurements made with an absolute gauge.

5.05 The charts are based on slide rule calculations using as a basis the unit corrections contained in the attached tables. For example, from Page 7 of the charts, the valve at manhole 123 has an elevation of 273 ft.; determine the total correction for various pressures and temperatures as follows:-

(a) 15.00-15.09 psia, 30-47°F.

- (1) From Paragraph 5.02 the average temperature for 30-47°F. is 38°F.
- (2) Select table for 15-20 psia and temperature range of 30-39°F.
- (3) Set slide rule for multiplication at 273 (elevation).

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- (4) In 38° column the unit correction is .00280 for 15.0 psia and .00282 for 15.1 psia. Therefore, the unit correction for the mean pressure between 15.00 and 15.09 on the chart would be midway between .00280 and .00282 or .00281.
 - (5) Multiply 273 by .00281 on the slide rule and get 0.77 psia. This is the total correction to enter on the chart opposite 15.00-15.09 psia and under the 30-47°F. temperature column.
- (b)
- (1) Similarly, by observation on the tables, the corrections at 38°F. for 15.10-15.19, 15.20-15.29 and 15.30-15.39 are .00283, .00284 and .00286 respectively.
 - (2) From the slide rule the total corrections can be picked off as 0.77, 0.78 and 0.78 respectively and entered on the chart.

5.06 Charts should include total elevation corrections for all regular reading and charging valves and contactor locations in a given gas section. Corrections should be included for the various temperature ranges shown in Paragraph 5.02 unless it is known that the extreme high cable temperatures are never reached in a specific territory, in which event such a column may be omitted. Where elevation differences in a gas section are less than 100 ft. and no temperature data is required, Paragraph 5.02 calls for calculating corrections at a mean temperature of 65°F., which is the average of the range from 30 to 100°F. covered by the detailed tables. If the mean cable temperature for a given cable route is known, and it differs appreciably from 65°F. the known mean temperature may be used in calculating the correction tables.

5.07 To apply the charts, assume that the measured cable temperature at all valves is 69°F. and that measured gauge pressures of the valves are as shown in the second column of the following tabulation:-

<u>Valve Location</u>	<u>Measured Gauge Pressure</u>	<u>Total Elevation Correction</u>	<u>Corrected Gauge Pressure</u>
M.H. 104	22.18	+0.57	22.75
" 110	21.27	+0.78	22.05
" 114	20.68	+0.82	21.50
" 118	21.10	+0.80	21.90
" 123	21.34	+1.01	22.35
" 128-1/2	21.92	+1.18	23.10

From the charts, the measured pressure at Marker 104 of 22.18 falls between 22.10 and 22.19; for this pressure range the elevation correction for 68°F. falls in the temperature range of 66-101°F. and is 0.57 psia. Adding this to the measured pressure gives a corrected gauge pressure for plotting purposes of 22.75 psia. Similarly a reading of 21.27 at Marker 110 (21.20-21.29 range) and at temperature of 68°F. (56-80 range) is 0.78, which, when added to the read pressure, gives a corrected pressure of 22.05 psia. Using the same methods for the remaining valves gives the values shown in the tabulation above. A plot of the corrected gauge pressure provides a good leak location gradient; plotting measured gauge pressure does not give a normal leak gradient or furnish a leak location.

Attachments

Attachment #1

Simplified Correction Charts - 10 Pages

Attachment #2

Tables - Pressure Correction per foot change in Elevation - 14 Pages

G73.205.6
 Page 13
 13 Pages

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ALPHA - BETA F CABLE
 ALPHA 00 - MH 128-1,2 (2 LBS)

CORRECTION TO BE ADDED TO MEASURED CABLE PRESSURE

Measured Alpha 00-V	MH 3 - GAV	MH 13-V	MH F16-CTV	MH F29-V	MH 49-CV	MH 57-V	
Absolute Elev.- 1Ft.	Elev.-24Ft.	Elev.-20Ft.	Elev.-29Ft.	Elev.-0Ft.	Elev.-33Ft.	Elev.-40Ft.	
Pressure No Temp.							
psia Meas.Reg'd.	Meas.Reg'd.	Meas.Reg'd.	Meas.Reg'd.	Meas.Reg'd.	Meas.Reg'd.	Meas.Reg'd.	
15.00-15.09	0	0.06	0.05	0.08	0	0.09	0.11
15.10-15.19	0	0.06	0.05	0.08	0	0.09	0.11
15.20-15.29	0	0.06	0.05	0.08	0	0.09	0.11
15.30-15.39	0	0.06	0.05	0.08	0	0.09	0.11
15.40-15.49	0	0.07	0.05	0.08	0	0.09	0.11
15.50-15.59	0	0.07	0.05	0.08	0	0.09	0.11
15.60-15.69	0	0.07	0.06	0.08	0	0.09	0.11
15.70-15.79	0	0.07	0.06	0.08	0	0.09	0.11
15.80-15.89	0	0.07	0.06	0.08	0	0.09	0.11
15.90-15.99	0	0.07	0.06	0.08	0	0.09	0.11
16.00-16.09	0	0.07	0.06	0.08	0	0.09	0.11
16.10-16.19	0	0.07	0.06	0.08	0	0.09	0.11
16.20-16.29	0	0.07	0.06	0.08	0	0.09	0.12
16.30-16.39	0	0.07	0.06	0.08	0	0.10	0.12
16.40-16.49	0	0.07	0.06	0.08	0	0.10	0.12
16.50-16.59	0	0.07	0.06	0.08	0	0.10	0.12
16.60-16.69	0	0.07	0.06	0.09	0	0.10	0.12
16.70-16.79	0	0.07	0.06	0.09	0	0.10	0.12
16.80-16.89	0	0.07	0.06	0.09	0	0.10	0.12
16.90-16.99	0	0.07	0.06	0.09	0	0.10	0.12
17.00-17.09	0	0.07	0.06	0.09	0	0.10	0.12
17.10-17.19	0	0.07	0.06	0.09	0	0.10	0.12
17.20-17.29	0	0.07	0.06	0.09	0	0.10	0.12
17.30-17.39	0	0.07	0.06	0.09	0	0.10	0.12
17.40-17.49	0	0.07	0.06	0.09	0	0.10	0.12
17.50-17.59	0	0.07	0.06	0.09	0	0.10	0.12
17.60-17.69	0	0.07	0.06	0.09	0	0.10	0.13
17.70-17.79	0	0.08	0.06	0.09	0	0.10	0.13
17.80-17.89	0	0.08	0.06	0.09	0	0.10	0.13
17.90-17.99	0	0.08	0.06	0.09	0	0.10	0.13
18.00-18.09	0	0.08	0.06	0.09	0	0.11	0.13
18.10-18.19	0	0.08	0.06	0.09	0	0.11	0.13
18.20-18.29	0	0.08	0.06	0.09	0	0.11	0.13
18.30-18.39	0	0.08	0.06	0.09	0	0.11	0.13
18.40-18.49	0	0.08	0.07	0.09	0	0.11	0.13
18.50-18.59	0	0.08	0.07	0.09	0	0.11	0.13
18.60-18.69	0	0.08	0.07	0.10	0	0.11	0.13
18.70-18.79	0	0.08	0.07	0.10	0	0.11	0.13
18.80-18.89	0	0.08	0.07	0.10	0	0.11	0.13
18.90-18.99	0	0.08	0.07	0.10	0	0.11	0.13
19.00-19.09	0	0.08	0.07	0.10	0	0.11	0.14
19.10-19.19	0	0.08	0.07	0.10	0	0.11	0.14
19.20-19.29	0	0.08	0.07	0.10	0	0.11	0.14
19.30-19.39	0	0.08	0.07	0.10	0	0.11	0.14
19.40-19.49	0	0.08	0.07	0.10	0	0.11	0.14
19.50-19.59	0	0.08	0.07	0.10	0	0.11	0.14
19.60-19.69	0	0.08	0.07	0.10	0	0.11	0.14
19.70-19.79	0	0.08	0.07	0.10	0	0.11	0.14
19.80-19.89	0	0.08	0.07	0.10	0	0.11	0.14
19.90-19.99	0	0.08	0.07	0.10	0	0.12	0.14

ALPHA - BETA F CABLE
 ALPHA CO - MH 128-1/2 (2 LIE)

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CORRECTION TO BE ADDED TO MEASURED CABLE PRESSURE

Measured Alpha 06-V Absolute Elev.- 1Ft. Pressure No Temp. psia Meas.Req'd.	MH 3 - GAV Elev.-24Ft. No Temp. Meas.Req'd.	MH 13-V Elev.-20Ft. No Temp. Meas.Req'd.	MH F16-CIV Elev.-29Ft. No Temp. Meas.Req'd.	MH F29-V Elev.-0Ft. No Temp. Meas.Req'd.	MH 49-CV Elev.-33Ft. No Temp. Meas.Req'd.	MH 57-V Elev.-40Ft. No Temp. Meas.Req'd.	
20.00-20.09	0	0.09	0.07	0.10	0	0.12	0.14
20.10-20.19	0	0.09	0.07	0.10	0	0.12	0.14
20.20-20.29	0	0.09	0.07	0.10	0	0.12	0.14
20.30-20.39	0	0.09	0.07	0.10	0	0.12	0.14
20.40-20.49	0	0.09	0.07	0.10	0	0.12	0.14
20.50-20.59	0	0.09	0.07	0.11	0	0.12	0.15
20.60-20.69	0	0.09	0.07	0.11	0	0.12	0.15
20.70-20.79	0	0.09	0.07	0.11	0	0.12	0.15
20.80-20.89	0	0.09	0.07	0.11	0	0.12	0.15
20.90-20.99	0	0.09	0.07	0.11	0	0.12	0.15
21.00-21.09	0	0.09	0.07	0.11	0	0.12	0.15
21.10-21.19	0	0.09	0.07	0.11	0	0.12	0.15
21.20-21.29	0	0.09	0.08	0.11	0	0.12	0.15
21.30-21.39	0	0.09	0.08	0.11	0	0.12	0.15
21.40-21.49	0	0.09	0.08	0.11	0	0.13	0.15
21.50-21.59	0	0.09	0.08	0.11	0	0.13	0.15
21.60-21.69	0	0.09	0.08	0.11	0	0.13	0.15
21.70-21.79	0	0.09	0.08	0.11	0	0.13	0.15
21.80-21.89	0	0.09	0.08	0.11	0	0.13	0.15
21.90-21.99	0	0.09	0.08	0.11	0	0.13	0.16
22.00-22.09	0	0.09	0.08	0.11	0	0.13	0.16
22.10-22.19	0	0.09	0.08	0.11	0	0.13	0.16
22.20-22.29	0	0.09	0.08	0.11	0	0.13	0.16
22.30-22.39	0	0.09	0.08	0.11	0	0.13	0.16
22.40-22.49	0	0.10	0.08	0.12	0	0.13	0.16
22.50-22.59	0	0.10	0.08	0.12	0	0.13	0.16
22.60-22.69	0	0.10	0.08	0.12	0	0.13	0.16
22.70-22.79	0	0.10	0.08	0.12	0	0.13	0.16
22.80-22.89	0	0.10	0.08	0.12	0	0.13	0.16
22.90-22.99	0	0.10	0.08	0.12	0	0.13	0.16
23.00-23.09	0	0.10	0.08	0.12	0	0.13	0.16
23.10-23.19	0	0.10	0.08	0.12	0	0.14	0.16
23.20-23.29	0	0.10	0.08	0.12	0	0.14	0.16
23.30-23.39	0	0.10	0.08	0.12	0	0.14	0.17
23.40-23.49	0	0.10	0.08	0.12	0	0.14	0.17
23.50-23.59	0	0.10	0.08	0.12	0	0.14	0.17
23.60-23.69	0	0.10	0.08	0.12	0	0.14	0.17
23.70-23.79	0	0.10	0.08	0.12	0	0.14	0.17
23.80-23.89	0	0.10	0.08	0.12	0	0.14	0.17
23.90-23.99	0	0.10	0.08	0.12	0	0.14	0.17
24.00-24.09	0	0.10	0.09	0.12	0	0.14	0.17
24.10-24.19	0	0.10	0.09	0.12	0	0.14	0.17
24.20-24.29	0	0.10	0.09	0.12	0	0.14	0.17
24.30-24.39	0	0.10	0.09	0.13	0	0.14	0.17
24.40-24.49	0	0.10	0.09	0.13	0	0.14	0.17
24.50-24.59	0	0.10	0.09	0.13	0	0.14	0.17
24.60-24.69	0	0.10	0.09	0.13	0	0.14	0.17
24.70-24.79	0	0.11	0.09	0.13	0	0.14	0.18
24.80-24.89	0	0.11	0.09	0.13	0	0.15	0.18
24.90-24.99	0	0.11	0.09	0.13	0	0.15	0.18

ALPHA - BETA F CABLE
 ALPHA OO - MH 128-1/2 (2 LIE)
 CORRECTION TO BE ADDED TO MEASURED CABLE PRESSURE

Measured Absolute Pressure psia	MH 66-V	2L 1/2 F MH 73R-GAV	MH 80-CV	MH 86R - V		MH 104 - V	
	Elev.-44Ft.	Elev.-48Ft.	Elev.-65Ft.	Elev.-108Ft.		Elev.-150Ft.	
	No Temp. Meas.Req'd.	No Temp. Meas.Req'd.	No Temp. Meas.Req'd.	Meas. Temp. °F 30-65 66-101		Meas. Temp. °F 30-65 66-101	
15.00-15.09	0.12	0.13	0.17	0.30	0.28	0.41	0.39
15.10-15.19	0.12	0.13	0.17	0.30	0.28	0.42	0.39
15.20-15.29	0.12	0.13	0.17	0.30	0.28	0.42	0.39
15.30-15.39	0.12	0.13	0.18	0.30	0.28	0.42	0.39
15.40-15.49	0.12	0.13	0.18	0.31	0.29	0.42	0.40
15.50-15.59	0.12	0.13	0.18	0.31	0.29	0.43	0.40
15.60-15.69	0.12	0.13	0.18	0.31	0.29	0.43	0.40
15.70-15.79	0.12	0.13	0.18	0.31	0.29	0.43	0.40
15.80-15.89	0.12	0.13	0.18	0.31	0.29	0.44	0.41
15.90-15.99	0.12	0.14	0.18	0.32	0.29	0.44	0.41
16.00-16.09	0.13	0.14	0.18	0.32	0.30	0.44	0.41
16.10-16.19	0.13	0.14	0.19	0.32	0.30	0.44	0.41
16.20-16.29	0.13	0.14	0.19	0.32	0.30	0.45	0.42
16.30-16.39	0.13	0.14	0.19	0.32	0.30	0.45	0.42
16.40-16.49	0.13	0.14	0.19	0.33	0.30	0.45	0.42
16.50-16.59	0.13	0.14	0.19	0.33	0.31	0.46	0.43
16.60-16.69	0.13	0.14	0.19	0.33	0.31	0.46	0.43
16.70-16.79	0.13	0.14	0.19	0.33	0.31	0.46	0.43
16.80-16.89	0.13	0.14	0.19	0.33	0.31	0.46	0.43
16.90-16.99	0.13	0.14	0.20	0.34	0.31	0.47	0.44
17.00-17.09	0.13	0.14	0.20	0.34	0.32	0.47	0.44
17.10-17.19	0.13	0.15	0.20	0.34	0.32	0.47	0.44
17.20-17.29	0.13	0.15	0.20	0.34	0.32	0.47	0.44
17.30-17.39	0.14	0.15	0.20	0.34	0.32	0.48	0.45
17.40-17.49	0.14	0.15	0.20	0.35	0.32	0.48	0.45
17.50-17.59	0.14	0.15	0.20	0.35	0.32	0.48	0.45
17.60-17.69	0.14	0.15	0.20	0.35	0.33	0.48	0.45
17.70-17.79	0.14	0.15	0.20	0.35	0.33	0.49	0.46
17.80-17.89	0.14	0.15	0.21	0.35	0.33	0.49	0.46
17.90-17.99	0.14	0.15	0.21	0.35	0.33	0.49	0.46
18.00-18.09	0.14	0.15	0.21	0.36	0.33	0.50	0.46
18.10-18.19	0.14	0.15	0.21	0.36	0.34	0.50	0.47
18.20-18.29	0.14	0.16	0.21	0.36	0.34	0.50	0.47
18.30-18.39	0.14	0.16	0.21	0.36	0.34	0.50	0.47
18.40-18.49	0.14	0.16	0.21	0.36	0.34	0.51	0.47
18.50-18.59	0.14	0.16	0.21	0.37	0.34	0.51	0.48
18.60-18.69	0.15	0.16	0.22	0.37	0.35	0.51	0.48
18.70-18.79	0.15	0.16	0.22	0.37	0.35	0.51	0.48
18.80-18.89	0.15	0.16	0.22	0.37	0.35	0.52	0.48
18.90-18.99	0.15	0.16	0.22	0.38	0.35	0.52	0.49
19.00-19.09	0.15	0.16	0.22	0.38	0.35	0.52	0.49
19.10-19.19	0.15	0.16	0.22	0.38	0.35	0.53	0.49
19.20-19.29	0.15	0.16	0.22	0.38	0.36	0.53	0.49
19.30-19.39	0.15	0.16	0.22	0.38	0.36	0.53	0.50
19.40-19.49	0.15	0.17	0.22	0.39	0.36	0.53	0.50
19.50-19.59	0.15	0.17	0.23	0.39	0.36	0.54	0.50
19.60-19.69	0.15	0.17	0.23	0.39	0.36	0.54	0.50
19.70-19.79	0.15	0.17	0.23	0.39	0.37	0.54	0.51
19.80-19.89	0.15	0.17	0.23	0.39	0.37	0.54	0.51
19.90-19.99	0.15	0.17	0.23	0.40	0.37	0.55	0.51

ALPHA - BETA F CABLE
ALPHA CO - MH 123-1/2 (2 LLE)
CORRECTION TO BE ADDED TO MEASURED CABLE PRESSURE

Measured Absolute Pressure psia	MH 66-V	2L 1/2 E MH 73R-GAV	MH 80-CV	MH 86R - V		MH 104 - V	
	Elev. -44Ft. No Temp. Meas. Req'd.	Elev. -48Ft. No Temp. Meas. Req'd.	Elev. -65Ft. No Temp. Meas. Req'd.	Elev. -108Ft. Meas. Temp. °F 30-65	66-101	Elev. -150Ft. Meas. Temp. °F 30-65	66-101
20.00-20.09	0.16	0.17	0.23	0.40	0.37	0.55	0.52
20.10-20.19	0.16	0.17	0.23	0.40	0.37	0.55	0.52
20.20-20.29	0.16	0.17	0.23	0.40	0.37	0.56	0.52
20.30-20.39	0.16	0.17	0.23	0.40	0.38	0.56	0.52
20.40-20.49	0.16	0.17	0.24	0.40	0.38	0.56	0.53
20.50-20.59	0.16	0.17	0.24	0.41	0.38	0.56	0.53
20.60-20.69	0.16	0.18	0.24	0.41	0.38	0.57	0.53
20.70-20.79	0.16	0.18	0.24	0.41	0.38	0.57	0.53
20.80-20.89	0.16	0.18	0.24	0.41	0.39	0.57	0.53
20.90-20.99	0.16	0.18	0.24	0.42	0.39	0.58	0.54
21.00-21.09	0.16	0.18	0.24	0.42	0.39	0.58	0.54
21.10-21.19	0.16	0.18	0.24	0.42	0.39	0.58	0.54
21.20-21.29	0.17	0.18	0.24	0.42	0.39	0.58	0.54
21.30-21.39	0.17	0.18	0.25	0.42	0.39	0.59	0.55
21.40-21.49	0.17	0.18	0.25	0.42	0.40	0.59	0.55
21.50-21.59	0.17	0.18	0.25	0.43	0.40	0.59	0.55
21.60-21.69	0.17	0.18	0.25	0.43	0.40	0.59	0.56
21.70-21.79	0.17	0.19	0.25	0.43	0.40	0.60	0.56
21.80-21.89	0.17	0.19	0.25	0.43	0.40	0.60	0.56
21.90-21.99	0.17	0.19	0.25	0.43	0.41	0.60	0.56
22.00-22.09	0.17	0.19	0.25	0.44	0.41	0.61	0.57
22.10-22.19	0.17	0.19	0.26	0.44	0.41	0.61	0.57
22.20-22.29	0.17	0.19	0.26	0.44	0.41	0.61	0.57
22.30-22.39	0.17	0.19	0.26	0.44	0.41	0.61	0.57
22.40-22.49	0.18	0.19	0.26	0.44	0.42	0.62	0.58
22.50-22.59	0.18	0.19	0.26	0.45	0.42	0.62	0.58
22.60-22.69	0.18	0.19	0.26	0.45	0.42	0.62	0.58
22.70-22.79	0.18	0.19	0.26	0.45	0.42	0.63	0.58
22.80-22.89	0.18	0.19	0.26	0.45	0.42	0.63	0.59
22.90-22.99	0.18	0.20	0.26	0.45	0.42	0.63	0.59
23.00-23.09	0.18	0.20	0.27	0.46	0.43	0.63	0.59
23.10-23.19	0.18	0.20	0.27	0.46	0.43	0.64	0.59
23.20-23.29	0.18	0.20	0.27	0.46	0.43	0.64	0.60
23.30-23.39	0.18	0.20	0.27	0.46	0.43	0.64	0.60
23.40-23.49	0.18	0.20	0.27	0.46	0.43	0.64	0.60
23.50-23.59	0.18	0.20	0.27	0.47	0.44	0.65	0.60
23.60-23.69	0.18	0.20	0.27	0.47	0.44	0.65	0.61
23.70-23.79	0.19	0.20	0.27	0.47	0.44	0.65	0.61
23.80-23.89	0.19	0.20	0.27	0.47	0.44	0.66	0.61
23.90-23.99	0.19	0.20	0.28	0.47	0.44	0.66	0.61
24.00-24.09	0.19	0.20	0.28	0.48	0.44	0.66	0.62
24.10-24.19	0.19	0.21	0.28	0.48	0.45	0.66	0.62
24.20-24.29	0.19	0.21	0.28	0.48	0.45	0.67	0.62
24.30-24.39	0.19	0.21	0.28	0.48	0.45	0.67	0.62
24.40-24.49	0.19	0.21	0.28	0.48	0.45	0.67	0.63
24.50-24.59	0.19	0.21	0.28	0.49	0.45	0.68	0.63
24.60-24.69	0.19	0.21	0.28	0.49	0.46	0.68	0.63
24.70-24.79	0.19	0.21	0.29	0.49	0.46	0.68	0.63
24.80-24.89	0.19	0.21	0.29	0.49	0.46	0.68	0.64
24.90-24.99	0.19	0.21	0.29	0.49	0.46	0.69	0.64

ALPHA - BETA F CABLE
 ALPHA CO - MH 128-1/2 (2 LLE)
 CORRECTION TO BE ADDED TO MEASURED CABLE PRESSURE

Measured Absolute Pressure psia	MH 110 - CV Elevation - 208 Ft.			MH 114 - V Elevation - 225 Ft.		
	Measured Temperature °F			Measured Temperature °F		
	30-55	56-80	81-105	30-55	56-80	81-105
15.00-15.09	0.58	0.55	0.53	0.63	0.60	0.57
15.10-15.19	0.58	0.56	0.53	0.63	0.60	0.57
15.20-15.29	0.59	0.56	0.53	0.64	0.60	0.58
15.30-15.39	0.59	0.56	0.54	0.64	0.61	0.58
15.40-15.49	0.60	0.57	0.54	0.64	0.61	0.58
15.50-15.59	0.60	0.57	0.54	0.65	0.61	0.59
15.60-15.69	0.60	0.57	0.55	0.65	0.62	0.59
15.70-15.79	0.61	0.58	0.55	0.66	0.62	0.60
15.80-15.89	0.61	0.58	0.55	0.66	0.63	0.60
15.90-15.99	0.61	0.58	0.56	0.67	0.63	0.60
16.00-16.09	0.62	0.59	0.56	0.67	0.63	0.61
16.10-16.19	0.62	0.59	0.56	0.68	0.64	0.61
16.20-16.29	0.63	0.60	0.57	0.68	0.64	0.62
16.30-16.39	0.63	0.60	0.57	0.69	0.65	0.62
16.40-16.49	0.63	0.60	0.58	0.69	0.65	0.62
16.50-16.59	0.64	0.61	0.58	0.69	0.66	0.63
16.60-16.69	0.64	0.61	0.58	0.70	0.66	0.63
16.70-16.79	0.65	0.61	0.59	0.70	0.66	0.63
16.80-16.89	0.65	0.62	0.59	0.70	0.67	0.64
16.90-16.99	0.65	0.62	0.59	0.71	0.67	0.64
17.00-17.09	0.66	0.62	0.60	0.71	0.68	0.64
17.10-17.19	0.66	0.63	0.60	0.72	0.68	0.65
17.20-17.29	0.66	0.63	0.60	0.72	0.69	0.65
17.30-17.39	0.67	0.63	0.61	0.72	0.69	0.66
17.40-17.49	0.67	0.64	0.61	0.73	0.69	0.66
17.50-17.59	0.68	0.64	0.61	0.73	0.70	0.66
17.60-17.69	0.68	0.65	0.62	0.74	0.70	0.67
17.70-17.79	0.68	0.65	0.62	0.74	0.70	0.67
17.80-17.89	0.69	0.65	0.62	0.74	0.71	0.68
17.90-17.99	0.69	0.66	0.63	0.75	0.71	0.68
18.00-18.09	0.70	0.66	0.63	0.75	0.71	0.68
18.10-18.19	0.70	0.66	0.64	0.76	0.72	0.69
18.20-18.29	0.70	0.67	0.64	0.76	0.72	0.69
18.30-18.39	0.71	0.67	0.64	0.76	0.73	0.69
18.40-18.49	0.71	0.68	0.65	0.77	0.73	0.70
18.50-18.59	0.71	0.68	0.65	0.77	0.73	0.70
18.60-18.69	0.72	0.68	0.65	0.78	0.74	0.71
18.70-18.79	0.72	0.69	0.66	0.78	0.74	0.71
18.80-18.89	0.73	0.69	0.66	0.79	0.75	0.71
18.90-18.99	0.73	0.69	0.66	0.79	0.75	0.72
19.00-19.09	0.73	0.70	0.67	0.79	0.75	0.72
19.10-19.19	0.74	0.70	0.67	0.80	0.76	0.72
19.20-19.29	0.74	0.70	0.67	0.80	0.76	0.73
19.30-19.39	0.74	0.71	0.68	0.81	0.77	0.73
19.40-19.49	0.75	0.71	0.68	0.81	0.77	0.74
19.50-19.59	0.75	0.71	0.68	0.82	0.77	0.74
19.60-19.69	0.76	0.72	0.69	0.82	0.78	0.74
19.70-19.79	0.76	0.72	0.69	0.82	0.78	0.75
19.80-19.89	0.76	0.73	0.69	0.83	0.79	0.75
19.90-19.99	0.77	0.73	0.70	0.83	0.79	0.76

ALPHA - BETA F CABLE
 ALPHA CO - MH 128-1/2 (2 LIE)
 CORRECTION TO BE ADDED TO MEASURED CABLE PRESSURE

Measured Absolute Pressure psia	MH 110 - CV Elevation - 208 Ft.			MH 114 - V Elevation - 225 Ft.		
	Measured Temperature °F			Measured Temperature °F		
	30-55	56-80	81-105	30-55	56-80	81-105
20.00-20.09	0.77	0.73	0.70	0.84	0.79	0.76
20.10-20.19	0.78	0.74	0.70	0.84	0.80	0.76
20.20-20.29	0.78	0.74	0.71	0.84	0.80	0.77
20.30-20.39	0.78	0.75	0.71	0.85	0.81	0.77
20.40-20.49	0.79	0.75	0.71	0.85	0.81	0.77
20.50-20.59	0.79	0.75	0.72	0.86	0.81	0.78
20.60-20.69	0.80	0.76	0.72	0.86	0.82	0.78
20.70-20.79	0.80	0.76	0.73	0.87	0.82	0.78
20.80-20.89	0.80	0.76	0.73	0.87	0.83	0.79
20.90-20.99	0.81	0.77	0.73	0.87	0.83	0.79
21.00-21.09	0.81	0.77	0.74	0.88	0.83	0.80
21.10-21.19	0.81	0.77	0.74	0.88	0.84	0.80
21.20-21.29	0.82	0.78	0.74	0.89	0.84	0.80
21.30-21.39	0.82	0.78	0.75	0.89	0.84	0.81
21.40-21.49	0.83	0.78	0.75	0.90	0.85	0.81
21.50-21.59	0.83	0.79	0.75	0.90	0.85	0.82
21.60-21.69	0.83	0.79	0.76	0.90	0.86	0.82
21.70-21.79	0.84	0.80	0.76	0.91	0.86	0.82
21.80-21.89	0.84	0.80	0.76	0.91	0.86	0.83
21.90-21.99	0.84	0.80	0.77	0.91	0.87	0.83
22.00-22.09	0.85	0.81	0.77	0.92	0.87	0.83
22.10-22.19	0.85	0.81	0.77	0.92	0.88	0.84
22.20-22.29	0.86	0.81	0.78	0.93	0.88	0.84
22.30-22.39	0.86	0.82	0.78	0.93	0.89	0.84
22.40-22.49	0.86	0.82	0.78	0.94	0.89	0.85
22.50-22.59	0.87	0.83	0.79	0.94	0.89	0.85
22.60-22.69	0.87	0.83	0.79	0.94	0.90	0.86
22.70-22.79	0.88	0.83	0.80	0.95	0.90	0.86
22.80-22.89	0.88	0.84	0.80	0.95	0.91	0.86
22.90-22.99	0.88	0.84	0.80	0.96	0.91	0.87
23.00-23.09	0.89	0.84	0.81	0.96	0.91	0.87
23.10-23.19	0.89	0.85	0.81	0.96	0.92	0.88
23.20-23.29	0.89	0.85	0.81	0.97	0.92	0.88
23.30-23.39	0.90	0.86	0.82	0.97	0.93	0.88
23.40-23.49	0.90	0.86	0.82	0.98	0.93	0.89
23.50-23.59	0.91	0.86	0.82	0.98	0.93	0.89
23.60-23.69	0.91	0.87	0.83	0.99	0.94	0.89
23.70-23.79	0.91	0.87	0.83	0.99	0.94	0.90
23.80-23.89	0.92	0.87	0.83	0.99	0.94	0.90
23.90-23.99	0.92	0.88	0.84	1.00	0.95	0.91
24.00-24.09	0.93	0.88	0.84	1.00	0.95	0.91
24.10-24.19	0.93	0.88	0.84	1.01	0.96	0.91
24.20-24.29	0.93	0.89	0.85	1.01	0.96	0.92
24.30-24.39	0.94	0.89	0.85	1.02	0.96	0.92
24.40-24.49	0.94	0.90	0.85	1.02	0.97	0.92
24.50-24.59	0.94	0.90	0.86	1.02	0.97	0.93
24.60-24.69	0.95	0.90	0.86	1.03	0.98	0.93
24.70-24.79	0.95	0.91	0.86	1.03	0.98	0.94
24.80-24.89	0.95	0.91	0.87	1.04	0.98	0.94
24.90-24.99	0.96	0.91	0.87	1.04	0.99	0.94

ALPHA - BETA F CABLE
 ALPHA CO - MH 128-1/2 (2 LIE)
 CORRECTION TO BE ADDED TO MEASURED CABLE PRESSURE

Measured Absolute Pressure psia	MH 118 - V Elevation - 214 Ft.			MH 123 - V Elevation - 273 Ft.			
	Measured Temperature °F			Measured Temperature °F			
	30-55	56-80	81-105	30-47	48-65	66-83	84-101
15.00-15.09	0.60	0.57	0.54	0.77	0.74	0.72	0.69
15.10-15.19	0.60	0.57	0.54	0.77	0.74	0.72	0.70
15.20-15.29	0.60	0.57	0.55	0.78	0.75	0.72	0.70
15.30-15.39	0.61	0.58	0.55	0.78	0.75	0.73	0.70
15.40-15.49	0.61	0.58	0.55	0.79	0.76	0.73	0.71
15.50-15.59	0.61	0.58	0.56	0.79	0.76	0.74	0.71
15.60-15.69	0.62	0.59	0.56	0.80	0.77	0.74	0.72
15.70-15.79	0.62	0.59	0.57	0.80	0.77	0.75	0.72
15.80-15.89	0.63	0.60	0.57	0.81	0.78	0.75	0.73
15.90-15.99	0.63	0.60	0.57	0.81	0.78	0.76	0.73
16.00-16.09	0.64	0.60	0.58	0.82	0.79	0.76	0.74
16.10-16.19	0.64	0.61	0.58	0.82	0.79	0.77	0.74
16.20-16.29	0.64	0.61	0.58	0.83	0.80	0.77	0.75
16.30-16.39	0.65	0.62	0.59	0.83	0.80	0.78	0.75
16.40-16.49	0.65	0.62	0.59	0.84	0.81	0.78	0.76
16.50-16.59	0.66	0.62	0.59	0.84	0.81	0.79	0.76
16.60-16.69	0.66	0.63	0.60	0.85	0.82	0.79	0.77
16.70-16.79	0.66	0.63	0.60	0.85	0.82	0.80	0.77
16.80-16.89	0.67	0.63	0.61	0.86	0.83	0.80	0.77
16.90-16.99	0.67	0.64	0.61	0.86	0.83	0.81	0.78
17.00-17.09	0.68	0.64	0.61	0.87	0.84	0.81	0.78
17.10-17.19	0.68	0.65	0.62	0.87	0.84	0.81	0.79
17.20-17.29	0.68	0.65	0.62	0.88	0.85	0.82	0.79
17.30-17.39	0.69	0.65	0.62	0.88	0.85	0.82	0.80
17.40-17.49	0.69	0.66	0.63	0.89	0.86	0.83	0.80
17.50-17.59	0.70	0.66	0.63	0.89	0.86	0.83	0.81
17.60-17.69	0.70	0.67	0.63	0.90	0.87	0.84	0.81
17.70-17.79	0.70	0.67	0.64	0.90	0.87	0.84	0.81
17.80-17.89	0.71	0.67	0.64	0.91	0.88	0.85	0.82
17.90-17.99	0.71	0.68	0.64	0.91	0.88	0.85	0.82
18.00-18.09	0.72	0.68	0.65	0.92	0.89	0.86	0.83
18.10-18.19	0.72	0.68	0.65	0.92	0.89	0.86	0.83
18.20-18.29	0.72	0.69	0.66	0.93	0.90	0.87	0.84
18.30-18.39	0.73	0.69	0.66	0.93	0.90	0.87	0.84
18.40-18.49	0.73	0.69	0.66	0.94	0.91	0.88	0.85
18.50-18.59	0.73	0.70	0.67	0.94	0.91	0.88	0.85
18.60-18.69	0.74	0.70	0.67	0.95	0.92	0.89	0.86
18.70-18.79	0.74	0.71	0.67	0.95	0.92	0.89	0.86
18.80-18.89	0.75	0.71	0.68	0.96	0.93	0.90	0.87
18.90-18.99	0.75	0.71	0.68	0.96	0.93	0.90	0.87
19.00-19.09	0.75	0.72	0.69	0.97	0.94	0.91	0.88
19.10-19.19	0.76	0.72	0.69	0.97	0.94	0.91	0.88
19.20-19.29	0.76	0.72	0.69	0.98	0.95	0.92	0.89
19.30-19.39	0.77	0.73	0.70	0.98	0.95	0.92	0.89
19.40-19.49	0.77	0.73	0.70	0.99	0.96	0.92	0.89
19.50-19.59	0.78	0.74	0.70	0.99	0.96	0.93	0.90
19.60-19.69	0.78	0.74	0.71	1.00	0.96	0.93	0.90
19.70-19.79	0.78	0.74	0.71	1.00	0.97	0.94	0.91
19.80-19.89	0.79	0.75	0.71	1.01	0.97	0.94	0.91
19.90-19.99	0.79	0.75	0.72	1.02	0.98	0.95	0.92

ALPHA - BETA F CABLE Page 8 of 10 Pages
 ALPHA CO - MH 128-1/2 (2 LLE)
 CORRECTION TO BE ADDED TO MEASURED CABLE PRESSURE

Measured Absolute Pressure psia	MH 118 - V Elevation - 214 Ft.			MH 123 - V Elevation - 273 Ft.			
	Measured Temperature °F			Measured Temperature °F			
	30-55	56-80	81-105	30-47	48-65	66-83	84-101
20.00-20.09	0.79	0.76	0.72	1.02	0.98	0.95	0.92
20.10-20.19	0.80	0.76	0.72	1.03	0.99	0.96	0.93
20.20-20.29	0.80	0.76	0.73	1.03	0.99	0.96	0.93
20.30-20.39	0.81	0.77	0.73	1.04	1.00	0.97	0.93
20.40-20.49	0.81	0.77	0.73	1.04	1.00	0.97	0.94
20.50-20.59	0.81	0.77	0.74	1.05	1.01	0.98	0.94
20.60-20.69	0.82	0.78	0.74	1.05	1.01	0.98	0.95
20.70-20.79	0.82	0.78	0.74	1.05	1.02	0.99	0.95
20.80-20.89	0.83	0.79	0.75	1.06	1.02	0.99	0.96
20.90-20.99	0.83	0.79	0.75	1.06	1.03	1.00	0.96
21.00-21.09	0.83	0.79	0.76	1.07	1.03	1.00	0.97
21.10-21.19	0.84	0.80	0.76	1.07	1.04	1.01	0.97
21.20-21.29	0.84	0.80	0.76	1.08	1.04	1.01	0.98
21.30-21.39	0.84	0.80	0.77	1.08	1.05	1.01	0.98
21.40-21.49	0.85	0.81	0.77	1.09	1.05	1.02	0.99
21.50-21.59	0.85	0.81	0.78	1.10	1.06	1.02	0.99
21.60-21.69	0.86	0.82	0.78	1.10	1.06	1.03	1.00
21.70-21.79	0.86	0.82	0.78	1.10	1.07	1.03	1.00
21.80-21.89	0.87	0.82	0.79	1.11	1.07	1.04	1.00
21.90-21.99	0.87	0.83	0.79	1.11	1.08	1.04	1.01
22.00-22.09	0.87	0.83	0.79	1.12	1.08	1.05	1.01
22.10-22.19	0.88	0.83	0.80	1.13	1.09	1.05	1.02
22.20-22.29	0.88	0.84	0.80	1.13	1.09	1.06	1.02
22.30-22.39	0.88	0.84	0.80	1.14	1.10	1.06	1.03
22.40-22.49	0.89	0.85	0.81	1.14	1.10	1.07	1.03
22.50-22.59	0.89	0.85	0.81	1.15	1.11	1.07	1.04
22.60-22.69	0.90	0.85	0.81	1.15	1.11	1.08	1.04
22.70-22.79	0.90	0.86	0.82	1.16	1.12	1.08	1.05
22.80-22.89	0.91	0.86	0.82	1.16	1.12	1.08	1.05
22.90-22.99	0.91	0.87	0.82	1.17	1.13	1.09	1.06
23.00-23.09	0.91	0.87	0.83	1.18	1.13	1.09	1.06
23.10-23.19	0.92	0.87	0.83	1.18	1.14	1.10	1.06
23.20-23.29	0.92	0.88	0.84	1.18	1.14	1.10	1.07
23.30-23.39	0.93	0.88	0.84	1.19	1.15	1.11	1.07
23.40-23.49	0.93	0.88	0.84	1.19	1.15	1.11	1.08
23.50-23.59	0.93	0.89	0.85	1.20	1.16	1.12	1.08
23.60-23.69	0.94	0.89	0.85	1.20	1.16	1.12	1.09
23.70-23.79	0.94	0.89	0.86	1.21	1.17	1.13	1.09
23.80-23.89	0.94	0.90	0.86	1.21	1.17	1.13	1.09
23.90-23.99	0.95	0.90	0.86	1.22	1.18	1.14	1.10
24.00-24.09	0.95	0.91	0.86	1.22	1.18	1.14	1.11
24.10-24.19	0.96	0.91	0.87	1.23	1.18	1.15	1.11
24.20-24.29	0.96	0.91	0.87	1.23	1.19	1.15	1.12
24.30-24.39	0.97	0.92	0.87	1.24	1.19	1.16	1.12
24.40-24.49	0.97	0.92	0.88	1.24	1.20	1.16	1.12
24.50-24.59	0.97	0.93	0.88	1.25	1.21	1.17	1.13
24.60-24.69	0.98	0.93	0.89	1.25	1.21	1.17	1.13
24.70-24.79	0.98	0.93	0.89	1.26	1.21	1.17	1.14
24.80-24.89	0.99	0.94	0.89	1.26	1.22	1.18	1.14
24.90-24.99	0.99	0.94	0.90	1.27	1.22	1.18	1.15

ALPHA - BETA F CABLE
 ALPHA CO - MH 128-1/2 (2 LIE)
 CORRECTION TO BE ADDED TO MEASURED CABLE PRESSURE

Measured Absolute Pressure psia	MH 128-1/2 - GAV (2 LIE) Elevation - 309 Ft.			
	Measured Temperature °F			
	30-47	48-65	66-83	84-101
15.00-15.09	0.87	0.84	0.81	0.78
15.10-15.19	0.87	0.84	0.81	0.79
15.20-15.29	0.88	0.85	0.82	0.79
15.30-15.39	0.88	0.85	0.83	0.80
15.40-15.49	0.89	0.86	0.83	0.80
15.50-15.59	0.89	0.86	0.84	0.81
15.60-15.69	0.90	0.87	0.84	0.81
15.70-15.79	0.90	0.87	0.85	0.82
15.80-15.89	0.91	0.88	0.85	0.82
15.90-15.99	0.91	0.88	0.86	0.83
16.00-16.09	0.92	0.89	0.86	0.83
16.10-16.19	0.93	0.90	0.87	0.84
16.20-16.29	0.94	0.90	0.87	0.84
16.30-16.39	0.94	0.91	0.88	0.85
16.40-16.49	0.95	0.91	0.88	0.86
16.50-16.59	0.96	0.92	0.89	0.86
16.60-16.69	0.96	0.92	0.89	0.87
16.70-16.79	0.97	0.93	0.90	0.87
16.80-16.89	0.97	0.94	0.91	0.88
16.90-16.99	0.98	0.94	0.91	0.88
17.00-17.09	0.98	0.95	0.92	0.89
17.10-17.19	0.99	0.95	0.92	0.89
17.20-17.29	1.00	0.96	0.93	0.90
17.30-17.39	1.00	0.97	0.93	0.90
17.40-17.49	1.00	0.97	0.94	0.91
17.50-17.59	1.01	0.98	0.94	0.91
17.60-17.69	1.02	0.98	0.95	0.92
17.70-17.79	1.02	0.99	0.96	0.92
17.80-17.89	1.03	0.99	0.96	0.93
17.90-17.99	1.03	1.00	0.97	0.93
18.00-18.09	1.04	1.00	0.97	0.94
18.10-18.19	1.04	1.01	0.98	0.94
18.20-18.29	1.05	1.01	0.98	0.95
18.30-18.39	1.06	1.02	0.99	0.96
18.40-18.49	1.06	1.03	0.99	0.96
18.50-18.59	1.07	1.03	1.00	0.97
18.60-18.69	1.08	1.04	1.00	0.97
18.70-18.79	1.08	1.04	1.01	0.98
18.80-18.89	1.09	1.05	1.01	0.98
18.90-18.99	1.09	1.05	1.02	0.99
19.00-19.09	1.10	1.06	1.02	0.99
19.10-19.19	1.10	1.06	1.03	1.00
19.20-19.29	1.11	1.07	1.03	1.00
19.30-19.39	1.12	1.08	1.04	1.01
19.40-19.49	1.12	1.08	1.04	1.01
19.50-19.59	1.12	1.09	1.05	1.02
19.60-19.69	1.13	1.09	1.06	1.02
19.70-19.79	1.14	1.10	1.06	1.03
19.80-19.89	1.14	1.10	1.07	1.03
19.90-19.99	1.15	1.11	1.07	1.04

ALPHA - BETA F CABLE
 ALPHA CO - MH 128-1/2 (2 LIE)
 CORRECTION TO BE ADDED TO MEASURED CABLE PRESSURE

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Measured Absolute Pressure psia	MH 128-1/2 - GAV (2 LIE)			
	Elevation - 309 Ft.			
	Measured Temperature °F			
	30-47	48-65	66-83	84-101
20.00-20.09	1.15	1.12	1.08	1.04
20.10-20.19	1.16	1.12	1.08	1.05
20.20-20.29	1.17	1.13	1.09	1.05
20.30-20.39	1.17	1.13	1.09	1.06
20.40-20.49	1.18	1.14	1.10	1.06
20.50-20.59	1.18	1.14	1.10	1.07
20.60-20.69	1.19	1.15	1.11	1.07
20.70-20.79	1.20	1.15	1.12	1.08
20.80-20.89	1.20	1.16	1.12	1.08
20.90-20.99	1.21	1.16	1.13	1.09
21.00-21.09	1.21	1.17	1.13	1.09
21.10-21.19	1.22	1.17	1.14	1.10
21.20-21.29	1.22	1.18	1.14	1.10
21.30-21.39	1.23	1.19	1.15	1.11
21.40-21.49	1.24	1.19	1.15	1.12
21.50-21.59	1.24	1.20	1.16	1.12
21.60-21.69	1.25	1.20	1.16	1.13
21.70-21.79	1.26	1.21	1.17	1.13
21.80-21.89	1.26	1.21	1.17	1.14
21.90-21.99	1.26	1.22	1.18	1.14
22.00-22.09	1.27	1.23	1.18	1.15
22.10-22.19	1.28	1.23	1.19	1.15
22.20-22.29	1.28	1.24	1.19	1.16
22.30-22.39	1.29	1.24	1.20	1.16
22.40-22.49	1.29	1.25	1.21	1.17
22.50-22.59	1.30	1.25	1.21	1.17
22.60-22.69	1.30	1.26	1.22	1.18
22.70-22.79	1.31	1.26	1.22	1.18
22.80-22.89	1.32	1.27	1.23	1.19
22.90-22.99	1.32	1.28	1.23	1.19
23.00-23.09	1.33	1.28	1.24	1.20
23.10-23.19	1.33	1.29	1.24	1.20
23.20-23.29	1.34	1.29	1.25	1.21
23.30-23.39	1.34	1.30	1.25	1.21
23.40-23.49	1.35	1.30	1.26	1.22
23.50-23.59	1.35	1.31	1.26	1.22
23.60-23.69	1.36	1.31	1.27	1.23
23.70-23.79	1.37	1.32	1.28	1.23
23.80-23.89	1.37	1.32	1.28	1.24
23.90-23.99	1.38	1.33	1.29	1.24
24.00-24.09	1.39	1.34	1.29	1.25
24.10-24.19	1.39	1.34	1.30	1.25
24.20-24.29	1.40	1.35	1.31	1.26
24.30-24.39	1.40	1.36	1.31	1.26
24.40-24.49	1.41	1.36	1.32	1.27
24.50-24.59	1.42	1.37	1.32	1.27
24.60-24.69	1.42	1.37	1.33	1.28
24.70-24.79	1.43	1.38	1.33	1.28
24.80-24.89	1.43	1.38	1.34	1.29
24.90-24.99	1.44	1.39	1.34	1.29

SULFUR HEXAFLUORIDE (SF₆)

Abs. Press P.S.I.	Pressure Correction Per Ft. Change in Elevation									
	Cable Temperature of °F									
	30°	31°	32°	33°	34°	35°	36°	37°	38°	39°
15.0	.00284	.00284	.00283	.00283	.00282	.00281	.00281	.00280	.00280	.00279
15.1	286	286	285	284	284	283	283	282	282	281
15.2	288	287	287	286	286	285	285	284	283	283
15.3	290	289	289	288	288	287	286	286	285	285
15.4	292	291	291	290	289	289	288	288	287	287
15.5	294	293	293	292	291	291	290	290	289	288
15.6	296	295	294	294	293	293	292	291	291	290
15.7	298	297	296	296	295	295	294	293	293	292
15.8	299	299	298	298	297	296	296	295	295	294
15.9	301	301	300	300	299	298	298	297	297	296
16.0	303	303	302	301	301	300	300	299	298	298
16.1	305	305	304	303	303	302	301	301	300	300
16.2	307	306	306	305	304	304	303	303	302	301
16.3	309	308	308	307	306	306	305	305	304	303
16.4	311	310	310	309	308	308	307	306	306	305
16.5	313	312	311	311	310	310	309	308	308	307
16.6	315	314	313	313	312	311	311	310	310	309
16.7	316	316	315	315	314	313	313	312	311	311
16.8	318	318	317	316	316	315	314	314	313	313
16.9	320	320	319	318	318	317	316	316	315	314
17.0	322	322	321	320	320	319	318	318	317	316
17.1	324	323	323	322	321	321	320	319	319	318
17.2	326	325	325	324	323	323	322	321	321	320
17.3	328	327	327	326	325	325	324	323	323	322
17.4	330	329	328	328	327	326	326	325	324	324
17.5	332	331	330	330	329	328	328	327	326	326
17.6	334	333	332	332	331	330	329	329	328	327
17.7	335	335	334	333	333	332	331	331	330	329
17.8	337	337	336	335	335	334	333	333	332	331
17.9	339	339	338	337	336	336	335	334	334	333
18.0	341	340	340	339	338	338	337	336	336	335
18.1	343	342	342	341	340	340	339	338	338	337
18.2	345	344	343	343	342	341	341	340	339	339
18.3	347	346	345	345	344	343	343	342	341	341
18.4	349	348	347	347	346	345	344	344	343	342
18.5	351	350	349	348	348	347	346	346	345	344
18.6	352	352	351	350	350	349	348	348	347	346
18.7	354	354	353	352	351	351	350	349	349	348
18.8	356	356	355	354	353	353	352	351	351	350
18.9	358	357	357	356	355	355	354	353	352	352
19.0	360	359	359	358	357	357	356	355	354	354
19.1	362	361	360	360	359	358	358	357	356	355
19.2	364	363	362	362	361	360	359	359	358	357
19.3	366	365	364	364	363	362	361	361	360	359
19.4	368	367	366	365	365	364	363	362	362	361
19.5	370	369	368	367	367	366	365	364	364	363
19.6	371	371	370	369	368	368	367	366	365	365
19.7	373	373	372	371	370	370	369	368	367	367
19.8	375	374	374	373	372	371	371	370	369	368
19.9	377	376	376	375	374	373	373	372	371	370

SULFUR HEXAFLUORIDE (SF6)

Abs. Press P.S.I.	Pressure Correction Per Ft. Change in Elevation									
	Cable Temperature of °F									
	30°	31°	32°	33°	34°	35°	36°	37°	38°	39°
20.0	.00379	.00378	.00377	.00377	.00376	.00375	.00374	.00374	.00373	.00372
20.1	381	380	379	379	378	377	376	376	375	374
20.2	383	382	381	381	380	379	378	377	377	376
20.3	385	384	383	382	382	381	380	379	379	378
20.4	387	386	385	384	383	383	382	381	380	380
20.5	388	388	387	386	385	385	384	383	382	381
20.6	390	390	389	388	387	386	386	385	384	383
20.7	392	392	391	390	389	388	387	387	386	385
20.8	394	393	393	392	391	390	389	389	388	387
20.9	396	395	394	394	393	392	391	390	390	389
21.0	398	397	396	396	395	394	393	392	392	391
21.1	400	399	398	397	397	396	395	394	393	393
21.2	402	401	400	399	398	398	397	396	395	394
21.3	404	403	402	401	400	400	399	398	397	396
21.4	406	405	404	403	402	401	401	400	399	398
21.5	407	407	406	405	404	403	402	402	401	400
21.6	409	409	408	407	406	405	404	404	403	402
21.7	411	410	410	409	408	407	406	405	405	404
21.8	413	412	411	411	410	409	408	407	407	406
21.9	415	414	413	413	412	411	410	409	408	407
22.0	417	416	415	414	414	413	412	411	410	409
22.1	419	418	417	416	415	415	414	413	412	411
22.2	421	420	419	418	417	416	416	415	414	413
22.3	423	422	421	420	419	418	417	417	416	415
22.4	424	424	423	422	421	420	419	419	418	417
22.5	426	426	425	424	423	422	421	420	420	419
22.6	428	427	427	426	425	424	424	422	421	421
22.7	430	429	428	428	427	426	425	424	423	422
22.8	432	431	430	429	429	428	427	426	425	424
22.9	434	433	432	431	430	430	429	428	427	426
23.0	436	435	434	433	432	431	431	430	429	428
23.1	438	437	436	435	434	433	432	432	431	430
23.2	440	439	438	437	436	435	434	433	433	432
23.3	442	441	440	439	438	437	436	435	434	434
23.4	443	443	442	441	440	439	438	437	436	435
23.5	445	444	444	443	442	441	440	439	438	437
23.6	447	446	445	445	444	443	442	441	440	439
23.7	449	448	447	446	445	445	444	443	442	441
23.8	451	450	449	448	447	446	446	445	444	443
23.9	453	452	451	450	449	448	447	447	446	445
24.0	455	454	453	452	451	450	449	448	448	447
24.1	457	456	455	454	453	452	451	450	449	448
24.2	459	458	457	456	455	454	453	452	451	450
24.3	460	460	459	458	457	456	455	454	453	452
24.4	462	461	460	460	459	458	457	456	455	454
24.5	464	463	462	462	461	460	459	458	457	456
24.6	466	465	464	463	462	462	460	460	459	458
24.7	468	467	466	465	464	463	462	461	461	460
24.8	470	469	468	467	466	465	464	463	462	461
24.9	472	471	470	469	468	467	466	465	464	463
25.0	474	473	472	471	470	469	468	467	466	465

SULFUR HEXAFLUORIDE (SF₆)

Abs. Press P.S.I.	Pressure Correction Per Ft. Change in Elevation									
	Cable Temperature of °F									
	40°	41°	42°	43°	44°	45°	46°	47°	48°	49°
15.0	.00279	.00278	.00277	.00277	.00276	.00276	.00275	.00275	.00274	.00274
15.1	280	280	279	279	278	278	277	277	276	275
15.2	282	282	281	281	280	279	279	278	278	277
15.3	284	284	283	282	282	281	281	280	280	279
15.4	286	285	285	284	284	283	283	282	282	281
15.5	288	287	287	286	286	285	284	284	283	283
15.6	290	289	289	288	287	287	286	286	285	285
15.7	292	291	290	290	289	289	288	288	287	286
15.8	293	293	292	292	291	291	290	289	289	288
15.9	295	295	294	293	293	292	292	291	291	290
16.0	297	297	296	295	295	294	294	293	292	292
16.1	299	298	298	297	297	296	295	295	294	294
16.2	301	300	300	299	298	298	297	297	296	296
16.3	303	302	302	301	300	300	299	299	298	297
16.4	305	304	303	303	302	302	301	300	300	299
16.5	306	306	305	305	304	303	303	302	302	301
16.6	308	308	307	306	306	305	305	304	303	303
16.7	310	310	309	308	308	307	306	306	305	305
16.8	312	311	311	310	310	309	308	308	307	306
16.9	314	313	313	312	311	311	310	310	309	308
17.0	316	315	314	314	313	313	312	311	311	310
17.1	318	317	316	316	315	314	314	313	313	312
17.2	319	319	318	317	317	316	316	315	314	314
17.3	321	321	320	319	319	318	317	317	316	316
17.4	323	323	322	321	321	320	319	319	318	317
17.5	325	324	324	323	322	322	321	321	320	319
17.6	327	326	326	325	324	324	323	322	322	321
17.7	329	328	327	327	326	325	325	324	324	323
17.8	331	330	329	329	328	327	327	326	325	325
17.9	332	332	331	330	330	329	328	328	327	327
18.0	334	334	333	332	332	331	330	330	329	328
18.1	336	335	335	334	333	333	332	332	331	330
18.2	338	337	337	336	335	335	334	333	333	332
18.3	340	339	339	338	337	336	336	335	335	334
18.4	342	341	340	340	339	338	338	337	336	336
18.5	344	343	342	341	341	340	339	339	338	338
18.6	345	345	344	343	343	342	341	341	340	339
18.7	347	347	346	345	345	344	343	342	342	341
18.8	349	348	348	347	346	346	345	344	344	343
18.9	351	350	350	349	348	348	347	346	345	345
19.0	353	352	352	351	350	349	349	348	347	347
19.1	355	354	353	353	352	351	351	350	349	348
19.2	357	356	355	354	354	353	352	352	351	350
19.3	358	358	357	356	356	355	354	353	353	352
19.4	360	360	359	358	357	357	356	355	355	354
19.5	362	361	361	360	359	359	358	357	356	356
19.6	364	363	363	362	361	360	360	359	358	358
19.7	366	365	364	364	363	362	362	361	360	359
19.8	368	367	366	365	365	364	363	363	362	361
19.9	370	369	368	367	367	366	365	364	364	363

SULFUR HEXAFLUORIDE (SF₆)

Abs. Press. P.S.I.	Pressure Correction Per Ft. Change in Elevation									
	Cable Temperature of °F									
	40°	41°	42°	43°	44°	45°	46°	47°	48°	49°
20.0	.00371	.00371	.00370	.00369	.00368	.00368	.00367	.00366	.00366	.00365
20.1	373	373	372	371	370	370	369	368	367	367
20.2	375	374	374	373	372	371	371	370	369	369
20.3	377	376	376	375	374	373	373	372	371	370
20.4	379	378	377	377	376	375	374	374	373	372
20.5	381	380	379	378	378	377	376	375	375	374
20.6	383	382	381	380	380	379	378	377	377	376
20.7	384	384	383	382	381	381	380	379	378	378
20.8	386	386	385	384	383	382	382	381	380	379
20.9	388	387	387	386	385	384	384	383	382	381
21.0										
21.1	390	389	388	388	387	386	385	385	384	383
21.2	392	391	390	389	389	388	387	386	386	385
21.3	394	393	392	391	391	390	389	388	388	387
21.4	396	395	394	393	392	392	391	390	389	389
21.5	397	397	396	395	394	393	393	392	391	390
21.6	399	399	398	397	396	395	395	394	393	392
21.7	401	400	400	399	398	397	396	396	395	394
21.8	403	402	401	401	400	399	398	397	397	396
21.9	405	404	403	402	402	401	400	399	398	398
22.0	407	406	405	404	403	403	402	401	400	400
22.1										
22.2	409	408	407	406	405	405	404	403	402	401
22.3	410	410	409	408	407	406	406	405	404	403
22.4	412	411	411	410	409	408	407	407	406	405
22.5	414	413	413	412	411	410	409	408	408	407
22.6	416	415	414	413	413	412	411	410	409	409
22.7	418	417	416	415	415	414	413	412	411	410
22.8	420	419	418	417	416	416	415	414	413	412
22.9	422	421	420	419	418	417	417	416	415	414
23.0	423	423	422	421	420	419	418	418	417	416
23.1	425	424	424	423	422	421	420	419	419	418
23.2										
23.3	427	426	425	425	424	423	422	421	420	420
23.4	429	428	427	426	426	425	424	423	422	421
23.5	431	430	429	428	427	427	426	425	424	423
23.6	433	432	431	430	429	428	428	427	426	425
23.7	435	434	433	432	431	430	429	429	428	427
23.8	436	436	435	434	433	432	431	430	430	429
23.9	438	437	437	436	435	434	433	432	431	431
24.0	440	439	438	437	437	436	435	434	433	432
24.1	442	441	440	439	438	438	437	436	435	434
24.2	444	443	442	441	440	439	439	438	437	436
24.3										
24.4	446	445	444	443	442	441	440	440	439	438
24.5	448	447	446	445	444	443	442	441	441	440
24.6	449	449	448	447	446	445	444	443	442	441
24.7	451	450	450	449	448	447	446	445	444	443
24.8	453	452	451	450	450	449	448	447	446	445
24.9	455	454	453	452	451	450	450	449	448	447
25.0	457	456	455	454	453	452	451	451	450	449
25.1	459	458	457	456	455	454	453	452	452	451
25.2	461	460	459	458	457	456	455	454	453	452
25.3	462	462	461	460	459	458	457	456	455	454
25.4	464	463	462	461	461	460	459	458	457	456

SULFUR HEXAFLUORIDE (SF6)

Abs. Prese P.S.I.	Pressure Correction Per Ft. Change in Elevation									
	Cable Temperature of °F									
	50°	51°	52°	53°	54°	55°	56°	57°	58°	59°
15.0	.00273	.00273	.00272	.00272	.00271	.00270	.00270	.00269	.00269	.00268
15.1	275	274	274	273	273	272	272	271	271	270
15.2	277	276	276	275	275	274	273	273	272	272
15.3	279	278	277	277	276	276	275	275	274	274
15.4	280	280	279	279	278	278	277	277	276	276
15.5	282	282	281	281	280	279	279	278	278	277
15.6	284	283	283	282	282	281	281	280	280	279
15.7	286	285	285	284	284	283	282	282	281	281
15.8	288	287	287	286	285	285	284	284	283	283
15.9	290	289	288	288	287	287	286	286	285	284
16.0	291	291	290	290	289	288	288	287	287	286
16.1	293	293	292	291	291	290	290	289	289	288
16.2	295	294	294	293	293	292	291	291	290	290
16.3	297	296	296	295	294	294	293	293	292	292
16.4	299	298	297	297	296	296	295	295	294	293
16.5	300	300	299	299	298	297	297	296	296	295
16.6	302	302	301	300	300	299	299	298	298	297
16.7	304	303	303	302	302	301	300	300	299	299
16.8	306	305	305	304	303	303	302	302	301	301
16.9	308	307	307	306	305	305	304	304	303	302
17.0	310	309	308	308	307	306	306	305	305	304
17.1	311	311	310	310	309	308	308	307	307	306
17.2	313	313	312	311	311	310	309	309	308	308
17.3	315	314	314	313	313	312	311	311	310	310
17.4	317	316	316	315	314	314	313	313	312	311
17.5	319	318	317	317	316	316	315	314	314	313
17.6	320	320	319	319	318	317	317	316	316	315
17.7	322	322	321	320	320	319	318	318	317	317
17.8	324	323	323	322	322	321	320	320	319	318
17.9	326	325	325	324	323	323	322	322	321	320
18.0	328	327	326	326	325	325	324	323	323	322
18.1	330	329	328	328	327	326	326	325	324	324
18.2	331	331	330	329	329	328	327	327	326	326
18.3	333	333	332	331	331	330	329	329	328	327
18.4	335	334	334	333	332	332	331	331	330	329
18.5	337	336	336	335	334	334	333	332	332	331
18.6	339	338	337	337	336	335	335	334	333	333
18.7	340	340	339	338	338	337	336	336	335	335
18.8	342	342	341	340	340	339	338	338	337	336
18.9	344	343	343	342	341	341	340	339	339	338
19.0	346	345	345	344	343	343	342	341	341	340
19.1	348	347	346	346	345	344	344	343	342	342
19.2	350	349	348	348	347	346	345	345	344	344
19.3	351	351	350	349	349	348	347	347	346	345
19.4	353	353	352	351	350	350	349	348	348	347
19.5	355	354	354	353	352	352	351	350	350	349
19.6	357	356	355	355	354	353	353	352	351	351
19.7	359	358	357	357	356	355	354	354	353	352
19.8	361	360	359	358	358	357	356	356	355	354
19.9	362	362	361	360	359	359	358	357	357	356

SULFUR HEXAFLUORIDE (SF₆)

Abs. Press P.S.I.	Pressure Correction Per Ft. Change in Elevation									
	Cable Temperature of °F									
	50°	51°	52°	53°	54°	55°	56°	57°	58°	59°
20.0	.00364	.00363	.00363	.00362	.00361	.00361	.00360	.00359	.00359	.00358
20.1	366	365	365	364	363	362	362	361	360	360
20.2	368	367	366	366	365	364	363	363	362	361
20.3	370	369	368	367	367	366	365	365	364	363
20.4	371	371	370	369	369	368	367	366	366	365
20.5	373	373	372	371	370	370	369	368	367	367
20.6	375	374	374	373	372	371	371	370	369	369
20.7	377	376	375	375	374	373	372	372	371	370
20.8	379	378	377	376	376	375	374	374	373	372
20.9	381	380	379	378	378	377	376	375	375	374
21.0	382	382	381	380	379	379	378	377	376	376
21.1	384	383	383	382	381	380	380	379	378	377
21.2	386	385	384	384	383	382	381	381	380	379
21.3	388	387	386	386	385	384	383	383	382	381
21.4	390	389	388	387	387	386	385	384	384	383
21.5	391	391	390	389	388	388	387	386	385	385
21.6	393	393	392	391	390	389	389	388	387	386
21.7	395	394	394	393	392	391	390	390	389	388
21.8	397	396	395	395	394	393	392	392	391	390
21.9	399	398	397	396	396	395	394	393	393	392
22.0	401	400	399	398	397	397	396	395	394	394
22.1	402	402	401	400	399	398	398	397	396	395
22.2	404	403	403	402	401	400	399	399	398	397
22.3	406	405	404	404	403	402	401	401	400	399
22.4	408	407	406	405	405	404	403	402	402	401
22.5	410	409	408	407	406	406	405	404	403	403
22.6	411	411	410	409	408	407	407	406	405	404
22.7	413	413	412	411	410	409	408	408	407	406
22.8	415	414	414	413	412	411	410	410	409	408
22.9	417	416	415	414	414	413	412	411	411	410
23.0	419	418	417	416	415	415	414	413	412	411
23.1	421	420	419	418	417	416	416	415	414	413
23.2	422	422	421	420	419	418	417	417	416	415
23.3	424	423	423	422	421	420	419	419	418	417
23.4	426	425	424	424	423	422	421	420	419	419
23.5	428	427	426	425	425	424	423	422	421	420
23.6	430	429	428	427	426	425	425	424	423	422
23.7	432	431	430	429	428	427	426	426	425	424
23.8	433	432	432	431	430	429	428	428	427	426
23.9	435	434	433	433	432	431	430	429	428	428
24.0	437	436	435	434	434	433	432	431	430	429
24.1	439	438	437	436	435	434	434	433	432	431
24.2	441	440	439	438	437	436	435	435	434	433
24.3	442	442	441	440	439	438	437	436	436	435
24.4	444	443	443	442	441	440	439	438	437	437
24.5	446	445	444	443	443	442	441	440	439	438
24.6	448	447	446	445	444	444	443	442	441	440
24.7	450	449	448	447	446	445	444	444	443	442
24.8	452	451	450	449	448	447	446	445	445	444
24.9	453	452	452	451	450	449	448	447	446	445
25.0	455	454	453	453	452	451	450	449	448	447

SULFUR HEXAFLUORIDE (SF6)

Abs. Press P.S.I.	Pressure Correction Per Ft. Change in Elevation									
	Cable Temperature of °F									
	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°
15.0	.00268	.00267	.00267	.00266	.00266	.00265	.00265	.00264	.00264	.00263
15.1	270	269	269	268	268	267	267	266	266	265
15.2	271	271	270	270	269	269	268	268	267	267
15.3	273	273	272	272	271	271	270	270	269	269
15.4	275	274	274	273	273	272	272	271	271	270
15.5	277	276	276	275	275	274	274	273	273	272
15.6	279	278	277	277	276	276	275	275	274	274
15.7	280	280	279	279	278	278	277	277	276	276
15.8	282	282	281	280	280	279	279	278	278	277
15.9	284	283	283	282	282	281	281	280	280	279
16.0	286	285	285	284	284	283	282	282	281	281
16.1	287	287	286	286	285	285	284	284	283	283
16.2	289	289	288	288	287	287	286	285	285	284
16.3	291	291	290	289	289	288	288	287	287	286
16.4	293	292	292	291	291	290	290	289	288	288
16.5	295	294	294	293	292	292	291	291	290	290
16.6	296	296	295	295	294	294	293	292	292	291
16.7	298	298	297	296	296	295	295	294	294	293
16.8	300	299	299	298	298	297	297	296	295	295
16.9	302	301	301	300	299	299	298	298	297	297
17.0	304	303	302	302	301	301	300	300	299	298
17.1	305	305	304	304	303	302	302	301	301	300
17.2	307	307	306	305	305	304	304	303	303	302
17.3	309	308	308	307	307	306	305	305	304	304
17.4	311	310	310	309	308	308	307	307	306	305
17.5	312	312	311	311	310	310	309	308	308	307
17.6	314	314	313	312	312	311	311	310	310	309
17.7	316	315	315	314	314	313	312	312	311	311
17.8	318	317	317	316	315	315	314	314	313	312
17.9	320	319	318	318	317	317	316	315	315	314
18.0	321	321	320	320	319	318	318	317	317	316
18.1	323	323	322	321	321	320	320	319	318	318
18.2	325	324	324	323	323	322	321	321	320	319
18.3	327	326	326	325	324	324	323	322	322	321
18.4	329	328	327	327	326	325	325	324	324	323
18.5	330	330	329	328	328	327	327	326	325	325
18.6	332	332	331	330	330	329	328	328	327	326
18.7	334	333	333	332	331	331	330	329	329	328
18.8	336	335	334	334	333	332	332	331	331	330
18.9	337	337	336	336	335	334	334	333	332	332
19.0	339	339	338	337	337	336	336	335	334	334
19.1	341	340	340	339	338	338	337	337	336	335
19.2	343	342	342	341	340	340	339	338	338	337
19.3	345	344	343	343	342	341	341	340	339	339
19.4	346	346	345	344	344	343	343	342	341	341
19.5	348	348	347	346	346	345	344	344	343	342
19.6	350	349	349	348	347	347	346	345	345	344
19.7	352	351	350	350	349	348	348	347	346	346
19.8	354	353	352	351	351	350	350	349	348	348
19.9	355	355	354	353	353	352	351	351	350	349

SULFUR HEXAFLUORIDE (SF6)

Abs. Press P.S.I.	Pressure Correction Per Ft. Change in Elevation									
	Cable Temperature of °F									
	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°
20.0	.00357	.00356	.00356	.00355	.00354	.00354	.00353	.00352	.00352	.00351
20.1	359	358	358	357	356	355	355	354	354	353
20.2	361	360	359	359	358	357	357	356	355	355
20.3	362	362	361	360	360	359	358	358	357	356
20.4	364	364	363	362	362	361	360	359	359	358
20.5	366	365	365	364	363	363	362	361	361	360
20.6	368	367	366	366	365	364	364	363	362	362
20.7	370	369	368	367	367	366	365	365	364	363
20.8	371	371	370	369	369	368	367	366	366	365
20.9	373	373	372	371	370	370	369	368	368	367
21.0	375	374	374	373	372	371	371	370	369	369
21.1	377	376	375	375	374	373	373	372	371	370
21.2	379	378	377	376	376	375	374	374	373	372
21.3	380	380	379	378	377	377	376	375	375	374
21.4	382	381	381	380	379	378	378	377	376	376
21.5	384	383	382	382	381	380	380	379	378	377
21.6	386	385	384	383	383	382	381	381	380	379
21.7	387	387	386	385	385	384	383	382	382	381
21.8	389	389	388	387	386	386	385	384	383	383
21.9	391	390	390	389	388	387	387	386	385	384
22.0	393	392	391	391	390	389	388	388	387	386
22.1	395	394	393	392	392	391	390	389	389	388
22.2	396	396	395	394	393	393	392	391	390	390
22.3	398	397	397	396	395	394	394	393	392	391
22.4	400	399	398	398	397	396	395	395	394	393
22.5	402	401	400	399	399	398	397	396	396	395
22.6	404	403	402	401	401	400	399	398	398	397
22.7	405	405	404	403	402	401	401	400	399	398
22.8	407	406	406	405	404	403	403	402	401	400
22.9	409	408	407	407	406	405	404	403	403	402
23.0	411	410	409	408	408	407	406	405	405	404
23.1	412	412	411	410	409	409	408	407	406	405
23.2	414	414	413	412	411	410	410	409	408	407
23.3	416	415	414	414	413	412	411	411	410	409
23.4	418	417	416	415	415	414	413	412	412	411
23.5	420	419	418	417	416	416	415	414	413	412
23.6	421	421	420	419	418	417	417	416	415	414
23.7	423	422	422	421	420	419	418	418	417	416
23.8	425	424	423	423	422	421	420	419	419	418
23.9	427	426	425	424	424	423	422	421	420	420
24.0	429	428	427	426	425	424	424	423	422	421
24.1	430	430	429	428	427	426	425	425	424	423
24.2	432	431	430	430	429	428	427	426	426	425
24.3	434	433	432	431	431	430	429	428	427	427
24.4	436	435	434	433	432	432	431	430	429	428
24.5	437	437	436	435	434	433	433	432	431	430
24.6	439	438	438	437	436	435	434	433	433	432
24.7	441	440	439	438	438	437	436	435	434	434
24.8	443	442	441	440	440	439	438	437	436	435
24.9	445	444	443	442	441	440	440	439	438	437
25.0	446	446	445	444	443	442	441	440	440	439

SULFUR HEXAFLUORIDE (SF6)

Abs. Press P.S.I.	Pressure Correction Per Ft. Change in Elevation									
	Cable Temperature of °F									
	70°	71°	72°	73°	74°	75°	76°	77°	78°	79°
15.0	.00263	.00262	.00262	.00261	.00261	.00260	.00260	.00259	.00259	.00258
15.1	265	264	264	263	263	262	262	261	261	260
15.2	266	266	265	265	264	264	263	263	262	262
15.3	268	268	267	267	266	266	265	265	264	264
15.4	270	269	269	268	268	267	267	266	266	265
15.5	272	271	271	270	270	269	269	268	268	267
15.6	273	273	272	272	271	271	270	270	269	269
15.7	275	275	274	273	273	273	272	271	271	270
15.8	277	276	276	275	275	274	274	273	273	272
15.9	279	278	278	277	276	276	275	275	274	274
16.0	280	280	279	279	278	278	277	277	276	276
16.1	282	282	281	280	280	279	279	278	278	277
16.2	284	283	283	282	282	281	281	280	280	279
16.3	286	285	285	284	283	283	282	282	281	281
16.4	287	287	286	286	285	285	284	284	283	282
16.5	289	289	288	287	287	286	286	285	285	284
16.6	291	290	290	289	289	288	288	287	287	286
16.7	293	292	292	291	290	290	289	289	288	288
16.8	294	294	293	293	292	292	291	291	290	289
16.9	296	296	295	294	294	293	293	292	292	291
17.0	298	297	297	296	296	295	294	294	293	293
17.1	300	299	298	298	297	297	296	296	295	295
17.2	301	301	300	300	299	299	298	297	297	296
17.3	303	303	302	301	301	300	300	299	299	298
17.4	305	304	304	303	303	302	301	301	300	300
17.5	307	306	305	305	304	304	303	303	302	301
17.6	308	308	307	307	306	306	305	304	304	303
17.7	310	310	309	308	308	307	307	306	306	305
17.8	312	311	311	310	310	309	308	308	307	307
17.9	314	313	312	312	311	311	310	310	309	308
18.0	315	315	314	314	313	312	312	311	311	310
18.1	317	317	316	315	315	314	314	313	312	312
18.2	319	318	318	317	316	316	315	315	314	314
18.3	321	320	319	319	318	318	317	316	316	315
18.4	322	322	321	321	320	319	319	318	318	317
18.5	324	324	323	322	322	321	320	320	319	319
18.6	326	325	325	324	323	323	322	322	321	320
18.7	328	327	326	326	325	325	324	323	323	322
18.8	329	329	328	327	327	326	326	325	325	324
18.9	331	330	330	329	329	328	327	327	326	326
19.0	333	332	332	331	330	330	329	329	328	327
19.1	335	334	333	333	332	332	331	330	330	329
19.2	336	336	335	334	334	333	333	332	331	331
19.3	338	337	337	336	336	335	334	334	333	332
19.4	340	339	339	338	337	337	336	335	335	334
19.5	342	341	340	340	339	338	338	337	337	336
19.6	343	343	342	341	341	340	340	339	338	338
19.7	345	344	344	343	343	342	341	341	340	339
19.8	347	346	346	345	344	344	343	342	342	341
19.9	349	348	347	347	346	345	345	344	344	343

SULFUR HEXAFLUORIDE (SF6)

Pressure Correction Per Ft. Change in Elevation

Abs. Press P.S.I.	Cable Temperature of °F									
	70°	71°	72°	73°	74°	75°	76°	77°	78°	79°
	20.0	.00350	.00350	.00349	.00348	.00348	.00347	.00346	.00346	.00345
20.1	352	351	351	350	350	349	348	348	347	346
20.2	354	353	353	352	351	351	350	349	349	348
20.3	356	355	354	354	353	352	352	351	350	350
20.4	357	357	356	355	355	354	353	353	352	351
20.5	359	358	358	357	356	356	355	354	354	353
20.6	361	360	360	359	358	358	357	356	356	355
20.7	363	362	361	361	360	359	359	358	357	357
20.8	364	364	363	362	362	361	360	360	359	358
20.9	366	365	365	364	363	363	362	361	361	360
21.0	368	367	367	366	365	365	364	363	362	362
21.1	370	369	368	368	367	366	366	365	364	363
21.2	371	371	370	369	369	368	367	367	366	365
21.3	373	372	372	371	370	370	369	368	368	367
21.4	375	374	374	373	372	371	371	370	369	369
21.5	377	376	375	375	374	373	372	372	371	370
21.6	378	378	377	376	376	375	374	374	373	372
21.7	380	379	379	378	377	377	376	375	375	374
21.8	382	381	381	380	379	378	378	377	376	376
21.9	384	383	382	381	381	380	379	379	378	377
22.0	385	385	384	383	383	382	381	380	380	379
22.1	387	386	386	385	384	384	383	382	381	381
22.2	389	388	388	387	386	385	385	384	383	382
22.3	391	390	389	388	388	387	386	386	385	384
22.4	392	392	391	390	390	389	388	387	387	386
22.5	394	393	393	392	391	391	390	389	388	388
22.6	396	395	395	394	393	392	391	391	390	389
22.7	398	397	396	395	395	394	393	393	392	391
22.8	400	399	398	397	396	396	395	394	394	393
22.9	401	400	400	399	398	398	397	396	395	394
23.0	403	402	401	401	400	399	398	398	397	396
23.1	405	404	403	402	402	401	400	399	399	398
23.2	407	406	405	404	403	403	402	401	400	400
23.3	408	407	407	406	405	404	404	403	402	401
23.4	410	409	408	408	407	406	405	405	404	403
23.5	412	411	410	409	409	408	407	406	406	405
23.6	414	413	412	411	411	410	409	408	407	407
23.7	415	414	414	413	412	411	411	410	409	408
23.8	417	416	415	415	414	413	412	412	411	410
23.9	419	418	417	416	416	415	414	413	413	412
24.0	421	420	419	418	417	417	416	415	414	413
24.1	422	421	421	420	419	418	417	417	416	415
24.2	424	423	422	422	421	420	419	418	418	417
24.3	426	425	424	423	423	422	421	420	419	419
24.4	428	427	426	425	424	424	423	422	421	420
24.5	429	428	428	427	426	425	424	424	423	422
24.6	431	430	429	429	428	427	426	425	425	424
24.7	433	432	431	430	430	429	428	427	426	425
24.8	435	434	433	432	431	430	430	429	428	427
24.9	436	435	435	434	433	432	431	431	430	429
25.0	438	437	436	435	435	434	433	432	432	431

SULFUR HEXAFLUORIDE (SF6)

Abs. Press P.S.I.	Pressure Correction Per Ft. Change in Elevation									
	Cable Temperature of °F									
	80°	81°	82°	83°	84°	85°	86°	87°	88°	89°
15.0	.00258	.00257	.00257	.00257	.00256	.00256	.00255	.00255	.00254	.00254
15.1	260	259	259	258	258	257	257	256	256	255
15.2	261	261	260	260	259	259	258	258	258	257
15.3	263	263	262	262	261	261	260	260	259	259
15.4	265	264	264	263	263	262	262	261	261	260
15.5	267	266	266	265	265	264	264	263	263	262
15.6	268	268	267	267	266	266	265	265	264	264
15.7	270	269	269	269	268	267	267	267	266	266
15.8	272	271	271	270	270	269	269	268	268	267
15.9	273	273	272	272	271	271	270	270	269	269
16.0	275	275	274	274	273	273	272	272	271	271
16.1	277	276	276	275	275	274	274	273	273	272
16.2	279	278	278	277	276	276	275	275	274	274
16.3	280	280	279	279	278	278	277	277	276	276
16.4	282	281	281	280	280	279	279	278	278	277
16.5	284	283	283	282	282	281	281	280	280	279
16.6	285	285	284	284	283	283	282	282	281	281
16.7	287	287	286	286	285	285	284	283	283	282
16.8	289	288	288	287	287	286	286	285	285	284
16.9	291	290	290	289	288	288	287	287	286	286
17.0	292	292	291	291	290	290	289	289	288	288
17.1	294	294	293	292	292	291	291	290	290	289
17.2	296	295	295	294	294	293	292	292	291	291
17.3	297	297	296	296	295	295	294	294	293	293
17.4	299	299	298	298	297	296	296	295	295	294
17.5	301	300	300	299	299	298	298	297	297	296
17.6	303	302	302	301	300	300	299	299	298	298
17.7	304	304	303	303	302	302	301	300	300	299
17.8	306	306	305	304	304	303	303	302	302	301
17.9	308	307	307	306	305	305	304	304	303	303
18.0	310	309	308	308	307	307	306	306	305	304
18.1	311	311	310	310	309	308	308	307	307	306
18.2	313	312	312	311	311	310	310	309	308	308
18.3	315	314	314	313	312	312	311	311	310	310
18.4	316	316	315	315	314	313	313	312	312	311
18.5	318	318	317	316	316	315	315	314	313	313
18.6	320	319	319	318	317	317	316	316	315	315
18.7	322	321	320	320	319	319	318	317	317	316
18.8	323	323	322	322	321	320	320	319	319	318
18.9	325	324	324	323	323	322	321	321	320	320
19.0	327	326	326	325	324	324	323	323	322	321
19.1	328	328	327	327	326	325	325	324	324	323
19.2	330	330	329	328	328	327	327	326	325	325
19.3	332	331	331	330	329	329	328	328	327	326
19.4	334	333	332	332	331	331	330	329	329	328
19.5	335	335	334	334	333	332	332	331	330	330
19.6	337	336	336	335	335	334	333	333	332	332
19.7	339	338	338	337	336	336	335	334	334	333
19.8	340	340	339	339	338	337	337	336	335	335
19.9	342	342	341	340	340	339	338	338	337	337

SULFUR HEXAFLUORIDE (SF6)

Pressure Correction Per Ft. Change in Elevation

Abs. Press P.S.I.	Cable Temperature of °F									
	80°	81°	82°	83°	84°	85°	86°	87°	88°	89°
	20.0	.00344	.00343	.00343	.00342	.00341	.00341	.00340	.00339	.00339
20.1	346	345	344	344	343	342	342	341	341	340
20.2	347	347	346	345	345	344	344	343	342	342
20.3	349	348	348	347	346	346	345	345	344	343
20.4	351	350	350	349	348	348	347	346	346	345
20.5	352	352	351	351	350	349	349	348	347	347
20.6	354	354	353	352	352	351	350	350	349	348
20.7	356	355	355	354	353	353	352	351	351	350
20.8	358	357	356	356	355	354	354	353	352	352
20.9	359	359	358	357	357	356	355	355	354	353
21.0	361	360	360	359	358	358	357	356	356	355
21.1	363	362	362	361	360	359	359	358	358	357
21.2	365	364	363	363	362	361	361	360	359	359
21.3	366	366	365	364	364	363	362	362	361	360
21.4	368	367	367	366	365	365	364	363	363	362
21.5	370	369	368	368	367	366	366	365	364	364
21.6	371	371	370	369	369	368	367	367	366	365
21.7	373	372	372	371	370	370	369	368	368	367
21.8	375	374	374	373	372	371	371	370	369	369
21.9	377	376	375	375	374	373	372	372	371	370
22.0	378	378	377	376	375	375	374	373	373	372
22.1	380	379	379	378	377	377	376	375	374	374
22.2	382	381	380	380	379	378	378	377	376	375
22.3	383	383	382	381	381	380	379	379	378	377
22.4	385	384	384	383	382	382	381	380	380	379
22.5	387	386	386	385	384	383	383	382	381	381
22.6	389	388	387	387	386	385	384	384	383	382
22.7	390	390	389	388	387	387	386	385	385	384
22.8	392	391	391	390	389	388	388	387	386	386
22.9	394	393	392	392	391	390	389	389	388	387
23.0	395	395	394	393	393	392	391	390	390	389
23.1	397	396	396	395	394	394	393	392	391	391
23.2	399	398	397	397	396	395	395	394	393	392
23.3	401	400	399	398	398	397	396	396	395	394
23.4	402	402	401	400	399	399	398	397	396	396
23.5	404	403	403	402	401	400	400	399	398	397
23.6	406	405	404	404	403	402	401	401	400	399
23.7	408	407	406	405	404	404	403	402	402	401
23.8	409	409	408	407	406	405	405	404	403	403
23.9	411	410	409	409	408	407	406	406	405	404
24.0	413	412	411	410	410	409	408	407	407	406
24.1	414	414	413	412	411	411	410	409	408	408
24.2	416	415	415	414	413	412	412	411	410	409
24.3	418	417	416	416	415	414	413	412	412	411
24.4	420	419	418	417	416	416	415	414	413	413
24.5	421	421	420	419	418	417	417	416	415	414
24.6	423	422	421	421	420	419	418	418	417	416
24.7	425	424	423	422	422	421	420	419	419	418
24.8	426	426	425	424	423	422	422	421	420	419
24.9	428	427	427	426	425	424	423	423	422	421
25.0	430	429	428	428	427	426	425	424	424	423

SULFUR HEXAFLUORIDE (SF₆)

Abs. Press P.S.I.	Pressure Correction Per Ft. Change in Elevation										
	Cable Temperature of °F										
	90°	91°	92°	93°	94°	95°	96°	97°	98°	99°	100°
15.0	.00253	.00253	.00252	.00252	.00251	.00251	.00250	.00250	.00250	.00249	.00249
15.1	255	254	254	254	253	253	252	252	251	251	250
15.2	257	256	256	255	255	254	254	253	253	252	252
15.3	258	258	257	257	256	256	255	255	255	254	254
15.4	260	260	259	259	258	258	257	257	256	256	255
15.5	262	261	261	260	260	259	259	258	258	257	257
15.6	263	263	262	262	261	261	260	260	260	259	259
15.7	265	265	264	264	263	263	262	262	261	261	260
15.8	267	266	266	265	265	264	264	263	263	262	262
15.9	268	268	267	267	266	266	265	265	264	264	264
16.0	270	270	269	269	268	268	267	267	266	266	265
16.1	272	271	271	270	270	269	269	268	268	267	267
16.2	274	273	273	272	272	271	271	270	270	269	269
16.3	275	275	274	274	273	273	272	272	271	271	270
16.4	277	276	276	275	275	274	274	273	273	272	272
16.5	279	278	278	277	277	276	276	275	275	274	274
16.6	280	280	279	279	278	278	277	277	276	276	275
16.7	282	281	281	280	280	279	279	278	278	277	277
16.8	284	283	283	282	282	281	281	280	280	279	279
16.9	285	285	284	284	283	283	282	282	281	281	280
17.0	287	286	286	285	285	284	284	283	283	282	282
17.1	289	288	288	287	287	286	286	285	285	284	284
17.2	290	290	289	289	288	288	287	287	286	286	285
17.3	292	292	291	290	290	289	289	288	288	287	287
17.4	294	293	293	292	292	291	291	290	290	289	289
17.5	295	295	294	294	293	293	292	292	291	291	290
17.6	297	297	296	296	295	294	294	293	293	292	292
17.7	299	298	298	297	297	296	296	295	295	294	293
17.8	301	300	299	299	298	298	297	297	296	296	295
17.9	302	302	301	301	300	299	299	298	298	297	297
18.0	304	303	303	302	302	301	301	300	300	299	298
18.1	306	305	304	304	303	303	302	302	301	301	300
18.2	307	307	306	306	305	304	304	303	303	302	302
18.3	309	308	308	307	307	306	306	305	305	304	303
18.4	311	310	310	309	308	308	307	307	306	306	305
18.5	312	312	311	311	310	309	309	308	308	307	307
18.6	314	313	313	312	312	311	311	310	310	309	308
18.7	316	315	315	314	313	313	312	312	311	311	310
18.8	317	317	316	316	315	315	314	313	313	312	312
18.9	319	319	318	317	317	316	316	315	315	314	313
19.0	321	320	320	319	318	318	317	317	316	316	315
19.1	322	322	321	321	320	320	319	318	318	317	317
19.2	324	324	323	322	322	321	321	320	320	319	318
19.3	326	325	325	324	323	323	322	322	321	321	320
19.4	328	327	326	326	325	325	324	323	323	322	322
19.5	329	329	328	327	327	326	326	325	325	324	323
19.6	331	330	330	329	328	328	327	327	326	326	325
19.7	333	332	331	331	330	330	329	328	328	327	327
19.8	334	334	333	332	332	331	331	330	330	329	328
19.9	336	335	335	334	334	333	332	332	331	331	330

52'0	455	457	457	450	470	470	473	473	470	472	472
52'2	450	450	470	470	473	473	470	472	474	474	473
52'8	470	470	473	470	470	472	474	473	473	475	477
52'1	473	470	472	472	474	473	475	477	477	470	470
52'0	472	472	474	473	475	475	477	470	400	400	400
52'2	474	473	475	477	477	470	400	400	400	400	400
52'4	475	477	470	470	400	400	400	400	400	400	400
52'3	470	470	400	400	400	400	400	400	400	400	400
52'5	400	400	400	400	400	400	400	400	400	400	400
52'7	400	400	400	400	400	400	400	400	400	400	400
52'0	400	400	400	400	400	400	400	400	400	400	400
53'0	400	400	400	400	400	400	400	400	400	400	400
53'8	400	400	400	400	400	400	400	400	400	400	400
53'1	400	400	400	400	400	400	400	400	400	400	400
53'0	400	400	400	400	400	400	400	400	400	400	400
53'2	400	400	400	400	400	400	400	400	400	400	400
53'4	400	400	400	400	400	400	400	400	400	400	400
53'3	400	400	400	400	400	400	400	400	400	400	400
53'5	400	400	400	400	400	400	400	400	400	400	400
53'7	400	400	400	400	400	400	400	400	400	400	400
53'0	400	400	400	400	400	400	400	400	400	400	400
55'0	400	400	400	400	400	400	400	400	400	400	400
55'8	400	400	400	400	400	400	400	400	400	400	400
55'1	400	400	400	400	400	400	400	400	400	400	400
55'0	400	400	400	400	400	400	400	400	400	400	400
55'2	400	400	400	400	400	400	400	400	400	400	400
55'4	400	400	400	400	400	400	400	400	400	400	400
55'3	400	400	400	400	400	400	400	400	400	400	400
55'5	400	400	400	400	400	400	400	400	400	400	400
55'7	400	400	400	400	400	400	400	400	400	400	400
55'0	400	400	400	400	400	400	400	400	400	400	400
57'0	400	400	400	400	400	400	400	400	400	400	400
57'8	400	400	400	400	400	400	400	400	400	400	400
57'1	400	400	400	400	400	400	400	400	400	400	400
57'0	400	400	400	400	400	400	400	400	400	400	400
57'2	400	400	400	400	400	400	400	400	400	400	400
57'4	400	400	400	400	400	400	400	400	400	400	400
57'3	400	400	400	400	400	400	400	400	400	400	400
57'5	400	400	400	400	400	400	400	400	400	400	400
57'7	400	400	400	400	400	400	400	400	400	400	400
57'0	400	400	400	400	400	400	400	400	400	400	400
50'0	400	400	400	400	400	400	400	400	400	400	400
50'8	400	400	400	400	400	400	400	400	400	400	400
50'1	400	400	400	400	400	400	400	400	400	400	400
50'0	400	400	400	400	400	400	400	400	400	400	400
50'2	400	400	400	400	400	400	400	400	400	400	400
50'4	400	400	400	400	400	400	400	400	400	400	400
50'3	400	400	400	400	400	400	400	400	400	400	400
50'5	400	400	400	400	400	400	400	400	400	400	400
50'7	400	400	400	400	400	400	400	400	400	400	400
50'0	00038	00038	00038	00038	00038	00038	00038	00038	00038	00038	00038
5'2" I. Pipes Vps.	00	00	00	00	00	00	00	00	00	00	00
CAPTE TEMPERATURE OF 1											
PESANTE COLLECTION FOR 14' CURVE IN ELEVATION											
SULPHUR HEXAFLUORIDE (200)											