

SEA-BIRD ELECTRONICS, INC.

1808 136th Place N.E., Bellevue, Washington, 98005 USA

Phone: (425) 643 - 9866 Fax (425) 643 - 9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 2691
CALIBRATION DATE: 03-Apr-03

SBE19 PRESSURE CALIBRATION DATA
500 psia S/N 190774 TCV: -218

QUADRATIC COEFFICIENTS:

PA0 = 2.506638e+002
PA1 = -6.531181e-002
PA2 = 6.302859e-008

STRAIGHT LINE FIT:

M = -6.529066e-002
B = 2.510247e+002

PRESSURE PSIA	INST OUTPUT(n)	COMPUTED PSIA	ERROR %FS	LINEAR PSIA	ERROR %FS
14.50	3628.3	14.52	0.00	14.13	-0.07
99.64	2322.0	99.35	-0.06	99.42	-0.04
199.64	787.0	199.30	-0.07	199.64	-0.00
299.63	-747.2	299.50	-0.03	299.81	0.04
399.63	-2272.8	399.43	-0.04	399.42	-0.04
499.61	-3796.9	499.56	-0.01	498.93	-0.14
399.62	-2279.0	399.84	0.04	399.82	0.04
299.63	-754.0	299.94	0.06	300.25	0.12
199.63	778.6	199.85	0.04	200.19	0.11
99.64	2314.9	99.81	0.03	99.88	0.05
14.53	3627.0	14.61	0.02	14.22	-0.06

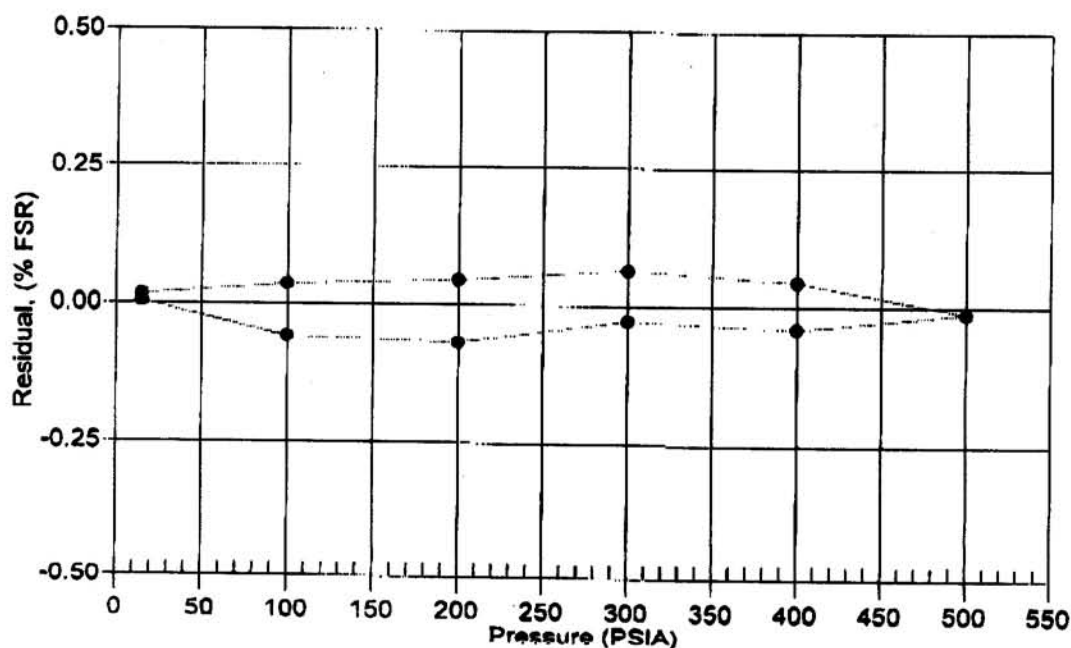
Straight Line Fit:

Pressure (psia) = M * N + B (N = binary output)

Quadratic Fit:

pressure (psia) = PA0 + PA1 * n + PA2 * n²

Residual = (instrument pressure - true pressure) * 100 / Full Scale Range



Date, Offset Correction

03-Apr-03 0.00