



# Calibration Certificate

Technician: SO  
Part No: 2781500MA1B2BT1  
Model: 278

Serial No: 4999331 Range: 512 to 1100 HPA/MB  
Work Order: 24021876 Nom. Output: 0.1 to 5 VDC  
Date: 02/14/2012 Supply: 24vdc

## CALIBRATION DATA

APPLIED PRESSURE (hPa)	TRANSDUCER OUTPUT (VDC)	PRESSURE CONVERSION (hPa)	ERROR (hPa)	EQUIPMENT UNCERTAINTY (hPa)
512.01	0.0995	511.94	-0.07	+/- 0.10
659.00	1.3277	659.32	0.32	+/- 0.10
806.00	2.5507	806.09	0.09	+/- 0.10
953.00	3.7722	952.67	-0.33	+/- 0.10
1100.00	4.9981	1099.77	-0.23	+/- 0.10

### AMBIENT CONDITIONS:

Humidity: 15.0 %RH  
Pressure: 1003.8 hPa

Temperature: 26.7 degree C

### SPECIFICATIONS:

Accuracy Specification: +/- 0.6 hPa @ +20 degree C (+68 degree F).

### NOTES:

1. This calibration was performed in compliance with ANSI/NC SL Z540-1-1994.
2. All errors are expressed in hPa.
3. Consult specification sheet for additional information.
4. This calibration is certified per N.I.S.T. traceable primary standards.  
Reference standard: I/N\_00049-SN237-DHI\_PPC3-2M\_A1.4MS/A160KP.  
Reference standard cal. due date: 10/26/11 - 10/26/12.
5. This certificate may not be reproduced, except in full, without written approval from Setra Systems.
6. This calibration was performed using procedure P2781X.

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