



PRESSURE TRANSDUCER CALIBRATION DATA

<i>Customer</i>	<i>Date</i>
SIDUS SPACE INC.	29 JUN 22
<i>Model Number</i>	<i>Serial Number</i>
141698A-2000A	134730

<i>Diaphragm Materials</i>	<i>Excitation</i>	<i>Pressure Range</i>	<i>Excitation Type</i>
TITANIUM	5 VDC	2000 PSIA	Constant Voltage

Pressure Calibration Data all readings are in mV DC						<i>Date of Pressure Calibration</i>
						25 APR 22
Pressure	Increase	Decrease	Ideal	Linearity (%FS)	Hysteresis (%FS)	STATIC ERROR BAND ± .07% FS BFS
0 PSIA	-.33	-.34	-.33		.01%	
1000 PSIA	50.47	50.46	50.33	.14%	.01%	
2000 PSIA	100.98		100.98			
SENSITIVITY	101.31					

Thermal Calibration Data all readings are in mV DC						<i>Date of Thermal Calibration</i>
						25 APR 22
	Low Temp.	Ambient	High Temp	Temperature Range	Thermal Balance Shift	Thermal Sensitivity Shift
Temperature	35 °F	75 °F	75 °F			
0 PSIA	-.37	-.34	-.33	35°F to 75°F	.03%FS	-.02%FS
2000 PSIA	100.95	100.96	101.27	75°F to 75°F	.01%FS	.30%FS
Sensitivity	101.32	101.30	101.60	AVERAGE	± .000% FS/°F	± .004% FS/°F

Notes P.O. No.: 2022048 S.O. No.: 22-204		DATE OF LAST MEASUREMENT: 28 JUN 22 BALANCE OUTPUT: .08 mV DC
		+ EXCITATION RED - EXCITATION BLACK + SIGNAL GREEN - SIGNAL WHITE
		INPUT RESISTANCE 1731 Ohms OUTPUT RESISTANCE 452 Ohms

<i>Data Entered and Reviewed By</i>	<i>Date Data Entered</i>
Bryan Pierce	29 June 2022