
	Altimeter Test Record Configurator	Form Number	Page Number	Rev
		0080-STF-00246	23 of 23	43
Sales Order:-		SO021476		
Customer Name:-		STI		
Date Config Accepted:-		22 March 2023		
Date Stamp (Date WO Issued):-				
Serial Number:-		322555		
Model Description		PA200/20 Altimeter S/S 6800m Subconn MCBH6M		
Model Part Number		S07232 232		
Connector Endcap Part Number		S06707		
Transducer Endcap Part Number		S02394		
Body Tube Part Number		S00969		
Connector Type		MCBH6M-SS		
Connector Type Part Number		S08057		
Transducer Part Number		S02460		
PSU PCB Part Number		S10944 SP		
COMMS PCB Part Number		S02216		
CPU PCB Part Number		S02218		
SON PCB Part Number		S08488 200		
RS485 Termination		N/A		
AUX Port Enabled?		No		
Software Configuration		3P2 FR MNE		

PINOUTS	
Pin 1	N/C
Pin 2	N/C
Pin 3	+VDC
Pin 4	0V/Analogue Gnd
Pin 5	Analogue Output
Pin 6	Case

Switch 1 Positions					
SW 1.1	SW 1.2	SW 1.3	SW 1.4	SW 1.5	SW 1.6
1	1	1	1	0	0

Switch 2 Positions					
SW 2.1	SW 2.2	SW 2.3	SW 2.4	SW 2.5	SW 2.6
0	0	0	0	0	0

	Altimeter Test Record Configurator	Form Number	Page Number	Rev
		0080-STF-00246	22 of 23	43
Sales Order:-		SO021476		
Customer Name:-		STI		
Model No.	PA200/20 Altimeter S/S 6800m Subconn MCBH6M			
Part Number	S07232 232			
Construction material	Stainless Steel			
Connector Type	MCBH6M-SS			
Transducer Angle	Straight			
Depth Rating	6800m			
Pressure Tested to	10000psi			
Frequency of transmission	200KHz			
Angle of Propagation	20Deg			
Supply Voltage	10.5-21VDC			
Main Comms	RS232 NONE			
RS485 Termination (if applicable)	N/A			
Serial Range	0.7-100m			
Maximum Analogue Range	100m			
Analogue Voltage	5V			
SW Config	3P2 FR MNE			
Mode	Free Run ASCII			
No Echo Value	Max No Echo (MNE)			
AUX Port Enabled?	No			
Whip	N/A			

Pinouts - The Pinouts Listed Directly Below Are Standard Trittech Pinouts	
Pin 1	N/C
Pin 2	N/C
Pin 3	+VDC
Pin 4	0V/Analogue Gnd
Pin 5	Analogue Output
Pin 6	Case

If These Are Correct Then Please Continue, If not Then Please Enter Correct Pinouts Below	
Pin 1	N/C
Pin 2	N/C
Pin 3	+VDC
Pin 4	0V/Analogue Gnd
Pin 5	Analogue Output
Pin 6	Case

PLEASE CHECK THE ABOVE SELECTIONS, ENSURE THE PINOUTS ARE CHECKED. IF EVERYTHING APPEARS OK THEN PRESS HERE

CLEAR ALL SELECTIONS & RESTART



PA Altimeter Pre Sale / Post Service Checksheet

Form No.

TIL-ALT-CS-001

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Rev.

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Customer	Sales Order / Job Number	Part / Serial Number
		322555

Checklist		Post Service
Pre Sale	Physical Checks	
✓	Check there is no external physical damage, including to ID label	
✓	Check that Pin 6 is short circuit to Altimeter housing (modify if necessary)	
✓	Ensure Bulkhead connector is fitted and secured correctly	
	Both endcaps tightened to body tube with anti-tamper stickers fitted (if required)	
	Serial Checks for RS232 / RS485 (if serial output enabled)	
N/A	Serial output operational	
	Output format correct (e.g. 2P3 FR, 3P2 IN etc)	
	No Echo setting correct	
	Output Rate Verification (3Hz and 4Hz variants only)	
N/A	'SW Version' reference is correct on ID label (V9.5.3Hz or V9.5.4Hz)	
	Correct output rate verified through 'PA Output Rate Checker' application	
✓	Analogue / Current Loop Checks (if enabled)	
✓	Analogue voltage output operational	
	Analogue output scaled correctly	
	Analogue current-loop output operational	
	Electrical Checks	
✓	Altimeter draws the correct current for input voltage setting	
✓	DC case isolation (chassis voltage) check okay	
✓	Check for high impedance between Case and 0V	
	Check Insulation Resistance (Megger) for underwater cables	
✓	Function Check (n.b. in air, units with a 10m timeout range may report irregular readings)	
✓	Check Altimeter gives correct readings in Tritech test tank (leave on for 15 minutes monitoring the output)	
	Ensure readings remain stable	
	Documentation & Final Visual Checks	
	Include Warranty Statement & Software & Manuals USB, record version V	
✓	Check build configuration matches customer specified configuration	
✓	Check build record is fully completed & correct	
✓	Check altimeter labelled correctly (power, range, analogue and serial settings)	
	WEEE sticker applied (if applicable)	
	Non-standard hardware documentation included (e.g. Burton connector)	
	Complete Accessory Check sheet	

Tests Completed By:-

CC

Date:-

5/4/23