## ATTACHMENT 5

Brake Pressure Transducer Examination Results



ACCEPTANCE TEST DATA											
1	MODEL: IBA103G-93 C/N:										
	RANGE:	0 - 5000G	TECHNICIAN:								
S/N: 90-0107			DATE: 9/30/2015								
3.1 INSULATION RESISTANCE: > 500 Megohms (LIMIT: ≥ 100 MEGOHMS)											
3	3.2 ACCURACY:			EXCITATION VOLTAGE 28.0 ± .02 VDC							
			TEMPERATURE 72	.° F							
	PRESSURE		OUTPUT, V		LIMITS						
	% FULLSCALE	ASC	DEC	ASC							
	0	-0.035	-0.039	-0.039	0 + 0.1 VDC						
	20	0.987	0.984	0.984							
L	40	2.006	2.004	2.005							
L	60	3.023	3.023	3.023							
	80	4.038	4.037	4.038		TECHNICIAN: GSP					
L	100	5.049		5.049		TECHNICIAN: GSP TEST 26					
FULL SCALE OUTPUT :			5.084	_V	( LIMIT: 5 ± 0 .1 VDC )						
LINEARITY:			0.074	_%FSO							
HYSTERESIS:			0.079	_%FSO							
REPEATABILITY:			0.079	_%FSO	41						
( ACCURACY ) COMBINED NL.H.R.			0.134	_%FSO	(LIMIT: <u>&lt; +</u> 1.0 % FSO)						
3.3 THERMAL EFFECTS											
J.	5 TILKWALEITI	6	EMPERATURE 62	_							
Р	RESSURE % F.S	OUTPUT ( VDC )	DELTA ZERO & FSO	T	1						
	0	-0.054	-0.019	± .137 VDC	TEC <u>HNICI</u> AN:						
	100	5.038		FROM 3.2 ZERO AND	GSP TEST 26						
r	FSO	5.092	0.008	FULL SCALE OUTPUT	26						
1 OLL SOALL OUTFUT											
TEMPERATURE + 165 F											
Р	RESSURE % F.S	OUTPUT (VDC)	DELTA ZERO & FSO								
_	0	N/A GSP N/A TEST 26	0.035	<u>+</u> .093 VDC							
H	100			FROM 3.2 ZERO AND							
	FSO	0.000	-5.084	FULL SCALE OUTPUT		FALSE					
					Q.A:						

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			1					
	<u>A</u> (	<u>CCEPTANCE</u>	E TEST DATA	<u>A</u>				
MODEL:	IBA103G-93		C/N:					
RANGE:	0 - 5000G	_	TECHNI	ICIAN:	NOIVIII IQ			
S/N:	91-1110	-	DATE	9/30/2015				
3.1 INSULATION	DECICTANCE: 51	500 Megohms	/ INST - > 400 MECOL					
3.2 ACCURACY:	RESISTANCE.	300 Megonins	(LIMIT : ≥ 100 MEGOF					
J.Z AUGUIVAGI.		EXCITATION VOLTAGE 28.0 ± .02 VDC  TEMPERATURE 72° F						
PRESSURE	T	OUTPUT, V		LIMITS				
% FULLSCALE	ASC	DEC	ASC					
0	0.843	0.845	0.845	0 + 0.1 VDC				
20	1.859	1.863	1.861	0 + 0.1 VDC	FALCE			
40	2.872	2.877			FALSE	*		
60	3.885	3.889	2.874	1				
80	4.894		3.886			- 20D		
100	5.901	4.897	4.895		TECHNICIAN:	GSP TEST 26		
100	5.901	1000000 0 0 2 0	5.902					
FULL SCALE OUTF	OUT ·	5.058	V	( LIMIT: 5 ± 0 .1 VDC )				
LINEARITY:		0.059	_	(LIMIT. 5 - 0 .1 VDG)				
HYSTERESIS:		0.059	_%FSO %FSO					
REPEATABILITY:	-	0.020	_%FSO %FSO					
(ACCURACY) COM	MRINED NI H R	0.086	_ %FSO %FSO	(LIMIT:≤ ± 1.0 % FSO)				
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	VIDINED 112.11.1	0.000	_/01 30	(LIMIT. S = 1.0 70 1 30)				
3.3 THERMAL EFF	FCTS							
0.0		EMPERATURE -65	F					
PRESSURE % F.S	OUTPUT ( VDC )	DELTA ZERO & FSO	<del></del>	]				
0	0.884	0.041	<u>+</u> .137 VDC	TEC <u>HNICI</u> AN:				
100	5.928		FROM 3.2 ZERO AND	GSP TEST 26				
FSO	5.044	-0.014	FULL SCALE OUTPUT					
				•				
PRESSURE % F.S		MPERATURE + 165		I				
0		DELTA ZERO & FSO -0.843	LIMIT <u>+</u> .093 VDC					
100	NA GSP TEST 26			4	FALSE			
FSO	TYA -		FROM 3.2 ZERO AND					
ГОО	0.000	-5.058	FULL SCALE OUTPUT		FALSE			
				Q.A:				