



Dytran Instruments, Inc.

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CALIBRATION CERTIFICATE TRIAXIAL SEAT ACCELEROMETER

CUSTOMER: VIBEWISE CC, C/O IAD BLOCK B		TEST REPORT #: 523				
PURCHASE ORDER #: 060418		SALES ORDER #: 126866	PROCEDURE: TP3002			
MODEL: 5313A	SERIAL #: 523	RANGE, F.S. (g's): +/- 50				
NEW UNIT X	RE-CALIBRATION [1]	AS RECEIVED CODE	AS RETURNED CODE			
TEMPERATURE (°C): 21		HUMIDITY (%): 47				
FREQUENCY RESPONSE [2]						
SENSITIVITY @ 1G RMS, 100 Hz	AXIS 1 (mV/g)	AXIS 2 (mV/g)	AXIS 3 (mV/g)			
	100.30	98.90	97.20			
REMARKS: NONE						
TEST EQUIPMENT LIST - CALIBRATION STATION # 8						
DII #	MANUFACTURER	MODEL	SERIAL #	DESCRIPTION	CAL DATE	DUE DATE
527	INSTEK	GFG-8217A	B 720272	FUNCTION GENERATOR	04/03/07	04/03/08
651	BK PRECISION	2160A	05075324	OSCILLOSCOPE	01/09/07	01/09/08
525	FLUKE	45	6188017	MULTIMETER	04/09/07	04/09/08
214	TRIG-TEK	346B	118	SYNTHESIZED CALIBRATOR	08/30/06	08/30/07
686	DYTRAN INST.	3010M14	1684	ACCELEROMETER	07/13/06	07/13/07
017	NICOLET	310	IAQ9406710	DIGITAL OSCILLOSCOPE	08/30/06	08/30/07
<p>[1] AS RECEIVED / AS RETURNED CODES:</p> <p>1 = IN TOLERANCE, NO ADJUSTMENTS 4 = OUT OF TOLERANCE > 5% 7 = UNIT NON-REPAIRABLE, RECOMMEND REPLACEMENT 2 = IN TOLERANCE, BUT ADJUSTED 5 = REPAIR REQUIRED 8 = UNIT SERVICEABLE WITH CURRENT CALIBRATION DATA 3 = OUT OF TOLERANCE < 5% 6 = REPAIRED AND CALIBRATED</p> <p>[2] THIS CALIBRATION WAS PERFORMED IN ACCORDANCE WITH MIL-STD-45662A, ANSI/NCSL Z540-1-1994, ISO 10012-1 USING THE BACK-TO-BACK COMPARISON METHOD PER ISA RP37.2 AND IS TRACEABLE TO THE NIST THROUGH TEST REPORT # 13185 DUE 07-13-07. ESTIMATED UNCERTAINTY OF CALIBRATION: 2% FROM 5-50 Hz, 1% FROM 100-2000 Hz.</p>						
CALIBRATION TECHNICIAN:				CAL 3	TEST DATE: 06/11/07	
OSCAR ESPITIA				RECALL DATE: 06/11/08		