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880 853

LTV

519

Steel

Truck

Metroliner

7/75

METROLINER TRUCK TEST
RG-125.1

Ride Quality Analysis

ENSCO, INC.

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Springfield, Virginia 22151

Phone: (703) 569-9000

23 - Passenger Operations

DOT-FR-75-12

METROLINER TRUCK TEST
RG-125.1

Ride Quality Analysis

Prepared for:

U.S. DEPARTMENT OF TRANSPORTATION
Federal Railroad Administration
2100 Second Street, S.W.
Washington, D.C. 20590

July 1975

Prepared by:

ENSCO, INC.
5408A Port Royal Road
Springfield, Virginia 22151

EXECUTIVE SUMMARY

This report contains the results of a comparison of ride quality data collected on Metroliner Cars 850 and 855. The comparison is made in terms of standard deviations and peak values of the recorded lateral, vertical and longitudinal acceleration and in terms of the International Standardization Organization ride quality standard.

REVIEW STATEMENT

This report is intended for engineers and computer specialists who are concerned with ride quality evaluation.

I. DATA COLLECTION

Ride quality data was collected on May 6, 1975, on Metroliner cars 850 and 855. The test zone was between Baltimore and Washington, milepost 95 to milepost 27. With the Portable Ride Quality package (PRQ) in car 850, a southbound run and northbound run were made over the test zone. Similarly a northbound and a southbound run were made with the PRQ in car 855. The speed profile for the southbound run with the PRQ in car 850 is shown in Figure 1. The consist configuration was with the 850 car leading the 855 car. Figure 2 shows the speed profile and the consist configuration for the northbound run for car 850. The corresponding information for car 855 is shown in Figure 3 and 4.

Sound level measurement inside the vehicles were also taken during the runs.

II. DATA POST PROCESSING

The PRQ package records on magnetic tape the output of three linear and three angular accelerometers. In a play-back mode of operation the system provides analog signals with the following voltage scale.

Channel	Acceleration Type	Scale
1	Roll	±5 Rad/Sec^2 = ±10 volts
2	Pitch	±1 Rad/Sec^2 = ±10 volts
3	Yaw	±1 Rad/Sec^2 = ±10 volts
4	Vertical	±1G = ±10 volts
5	Longitudinal	±1G = ±10 volts
6	Lateral	±1G = ±10 volts

The data was digitized using 100 Hz anti-aliasing filters and 256 Hz rate. A 12-bit word is provided in the digitizing process.

The digitized data was used to generate plots of the raw data for all four runs. From this presentation of the raw data and speed profile information segments of data for data reduction were selected. For the northbound runs, the data collected between milepost 36 and milepost 40 were reduced using the standard ride quality data reduction program. The output from this program is given in the Appendices.

The output of the program consist of

- Histogram Summary
- Standard Deviation
- Probability Density Estimate
- Distribution Function Estimate
- RMS Acceleration Plot
- International Standardization Organization (ISO) Ride Evaluation Format
- Power Spectral Density Plots

A summary of the results of the data reduction are shown in Table 1. The table contains the standard deviation for the three linear accelerations, information on peak values and ISO Reduced Comfort limits.

The information on peak values of the acceleration levels is presented in the form 99% confidence levels and 95%. The ISO data provide the exposure times based on the reduced comfort criteria and the frequency band which produced the exposure time. In all cases, the 850 car produces better ride quality performance than the 855 vehicle.

For the southbound run, the data collected between mileposts 83 and 87 were selected for data reduction. A summary of the results are given in Table 2. In all cases, the 850 vehicle provided better ride quality performance than the 855 vehicle.

Table 3 presents the sound level measurements taken during the run and a list of tapes used and records processed.

LTV/515

Table 1

NORTHBOUND RUNS

		Vertical	Longitudinal	Lateral
	St. Dev:			
850		.0307 g's	.0142 g's	.0242 g's
855		.0453 g's	.0261 g's	.0291 g's
	99% Confidence Level:			
850	.5%	-.105 g's	-.048 g's	-.073 g's
	99.5%	.088 g's	.038 g's	.058 g's
855	.5%	-.139 g's	-.072 g's	-.0824 g's
	99.5%	.134 g's	.069 g's	.083 g's
	95% Confidence Level:			
850	2.5%	-.069 g's	-.038 g's	-.056 g's
	97.5%	.05 g's	.018 g's	.038 g's
855	2.5%	-.095 g's	-.056 g's	-.062 g's
	97.5%	.083 g's	.046 g's	.056 g's
	ISO Data - Reduced Comfort Limits			
850	Exposure Time (Hrs)	4.0	24.0	13.8
	Center Freq. Band	5 Hz	1 Hz	2 Hz
855	Exposure Time (Hrs)	2.6	24.0	9.2
	Center Freq. Band	5 Hz	1 Hz	2 Hz

Table 2

SOUTHBOUND RUNS

Acceleration in Middle of Car

		Vertical	Longitudinal	Lateral
	St. Dev:			
850		.0273 g's	.0134 g's	.0242 g's
855		.0399 g's	.0262 g's	.0298 g's
	99% Confidence Level:			
850	.5%	-.096 g's	-.046 g's	-.077 g's
	99.5%	.077 g's	.024 g's	.063 g's
855	.5%	-.113 g's	-.072 g's	-.083 g's
	99.5%	.106 g's	.067 g's	.086 g's
	95% Confidence Level:			
850	2.5%	-.06 g's	-.036 'gs	-.056 g's
	97.5%	.044 g's	.011 g's	.039 g's
855	2.5%	-.084 g's	-.058 g's	-.064 g's
	97.5%	.074 g's	.066 'gs	.086 g's
	ISO Data - Reduced Comfort Limits			
850	Exposure Time (Hrs)	4.95	24.0	15.9
	Center Freq. Band	5 Hz	1 Hz	2 Hz
855	Exposure Time (Hrs)	4.36	24.0	8.78
	Center Freq. Band	5 Hz	1 Hz	1.3 Hz

Metroliner Truck Test RG-125.1
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Table 3

Sound Level Recordings Channel:	A	B	C
Union Station Car 850	65 db	73 db	82 db
Car 850 Southbound (90 mph)	68	81	91
Car 855 Southbound (MP 40)	68	74	85
Car 855 Southbound (MP 50)	70	76	83
Car 855 Southbound (MP 78)	70	79	92
Car 855 Northbound (MP 95)	65	75	83
Car 855 Northbound (MP 50)	68	75	88

Test Tape	Analog Tape	Digital Tape	Contents	Records Processed
1	TCA 023	MIS 008	Calibration	
1	TCA 023	MIS 011	South Car 850	2482-2610
1	TCA 023	MIS 012	North Car 850	3207-3335
2	TCA 024	MIS 010	South Car 855	3455-3583
2	TCA 024	MIS 009	North Car 855	3143-3271

Figure 1. Speed Profile

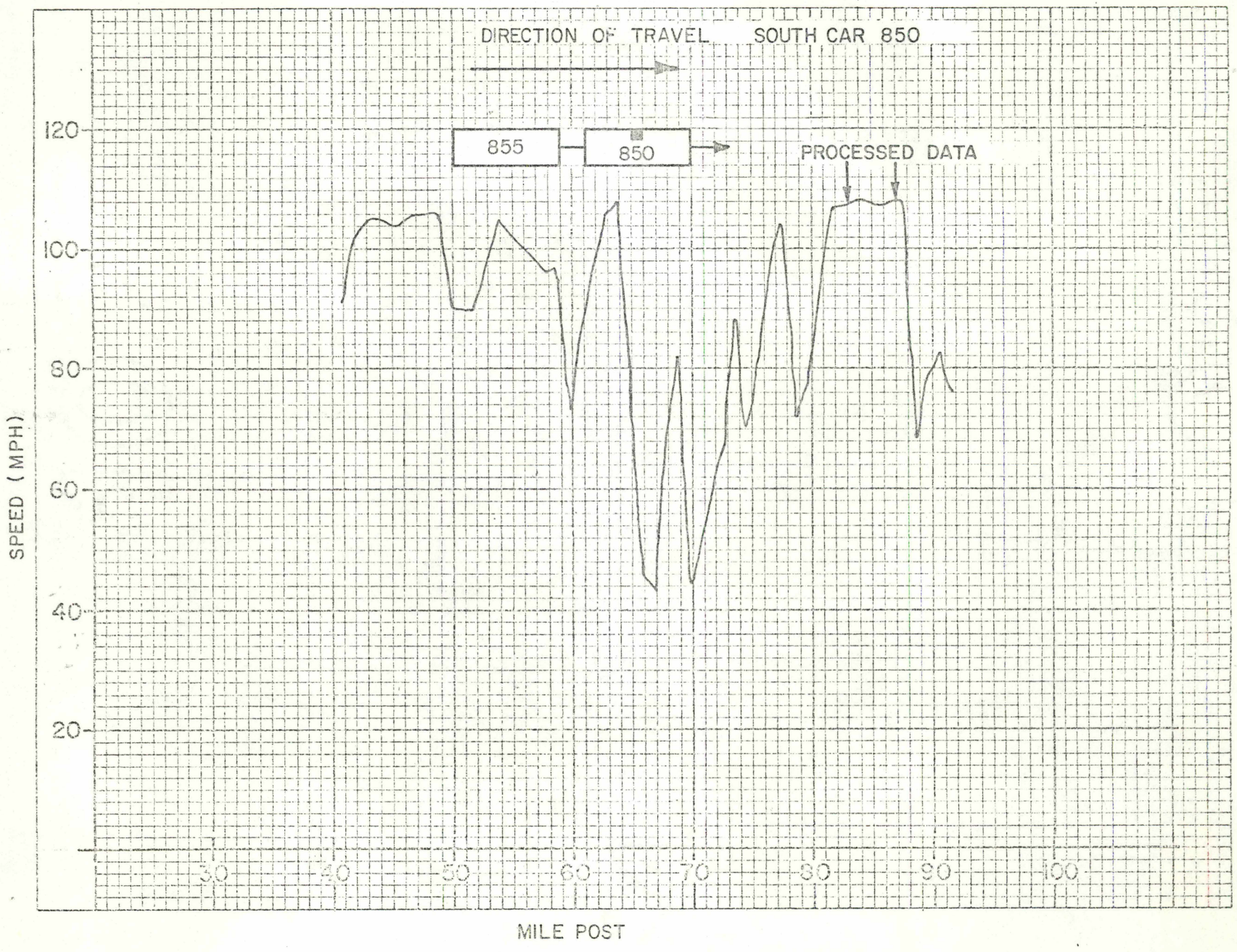


Figure 2. Speed Profile

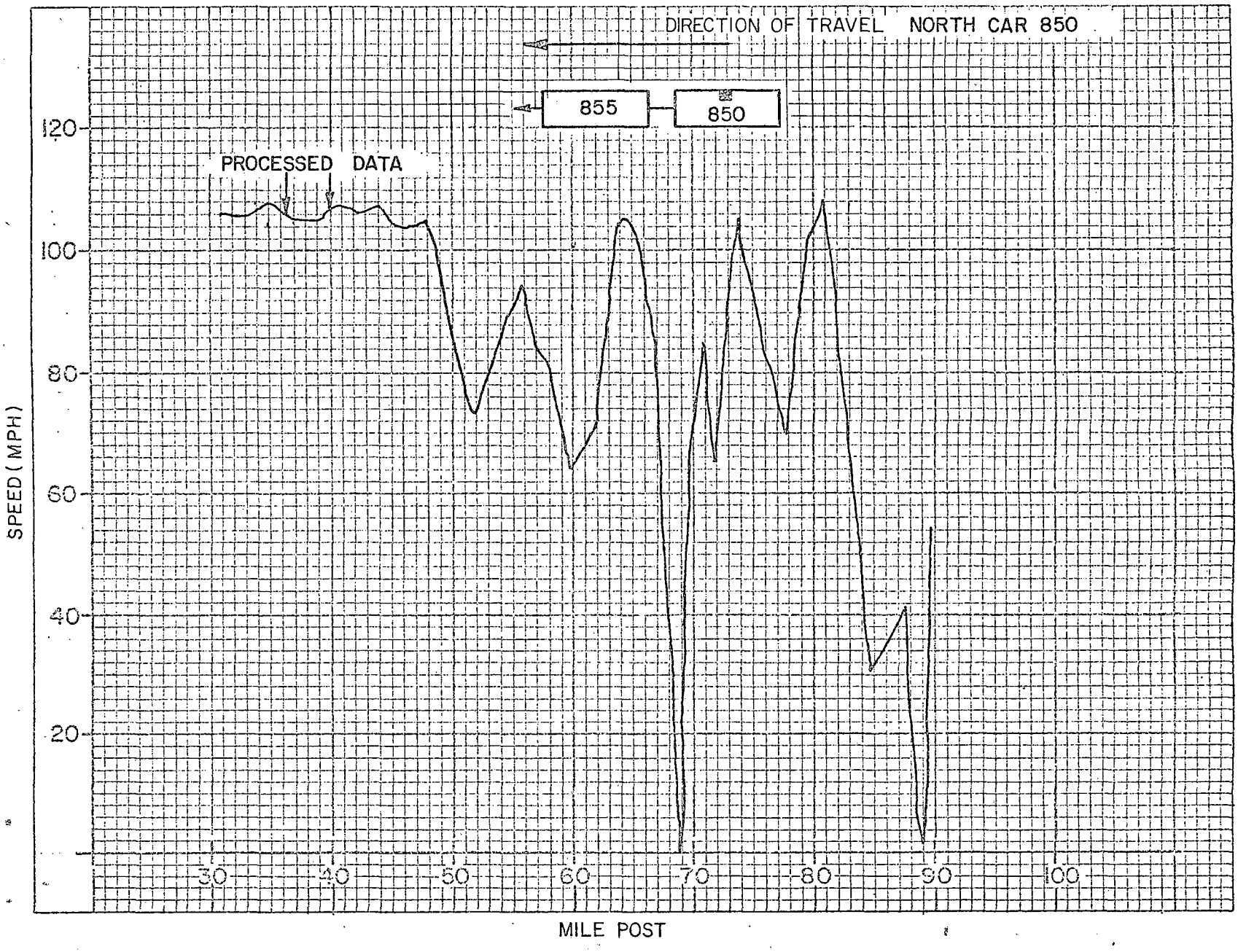


Figure 3. Speed Profile

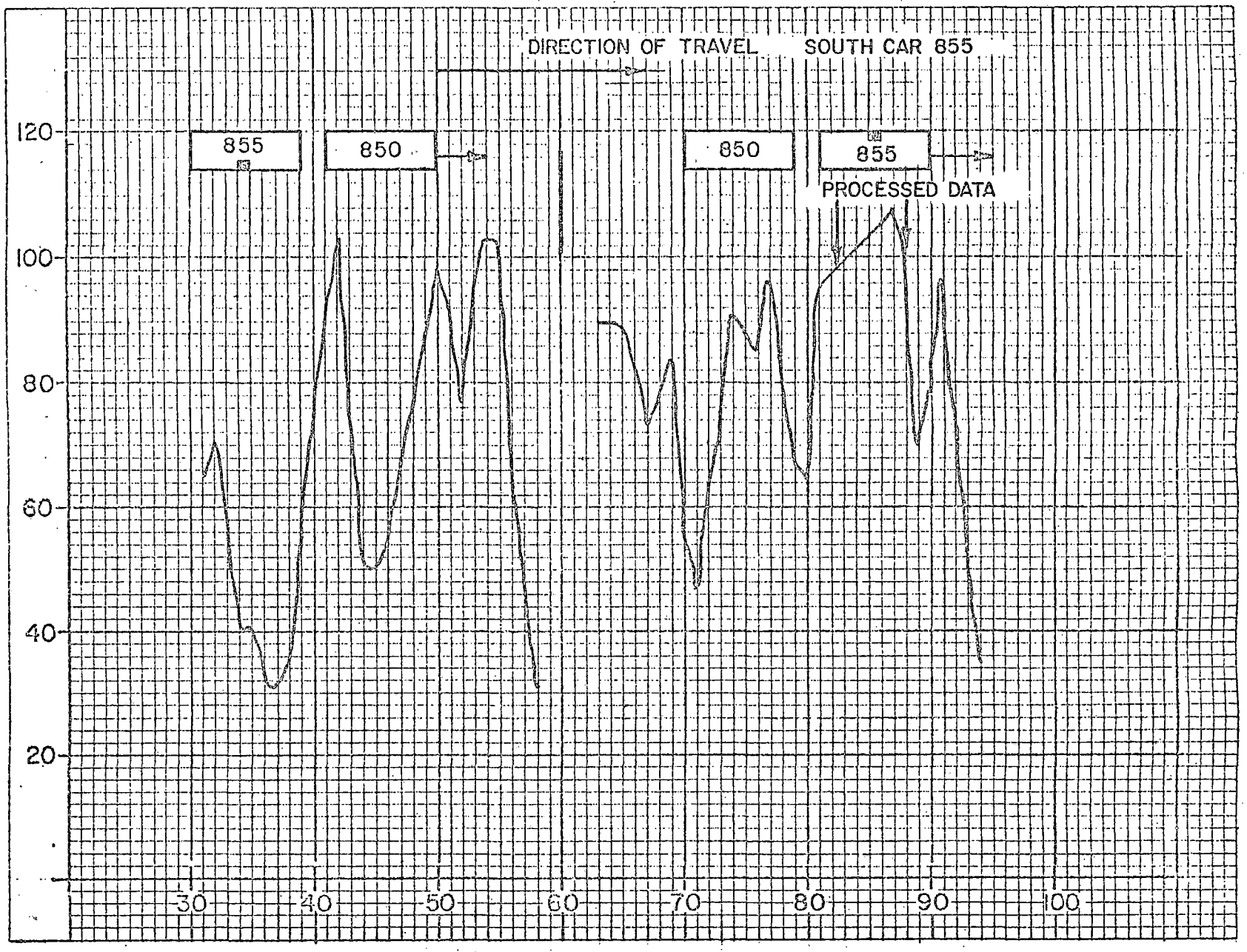
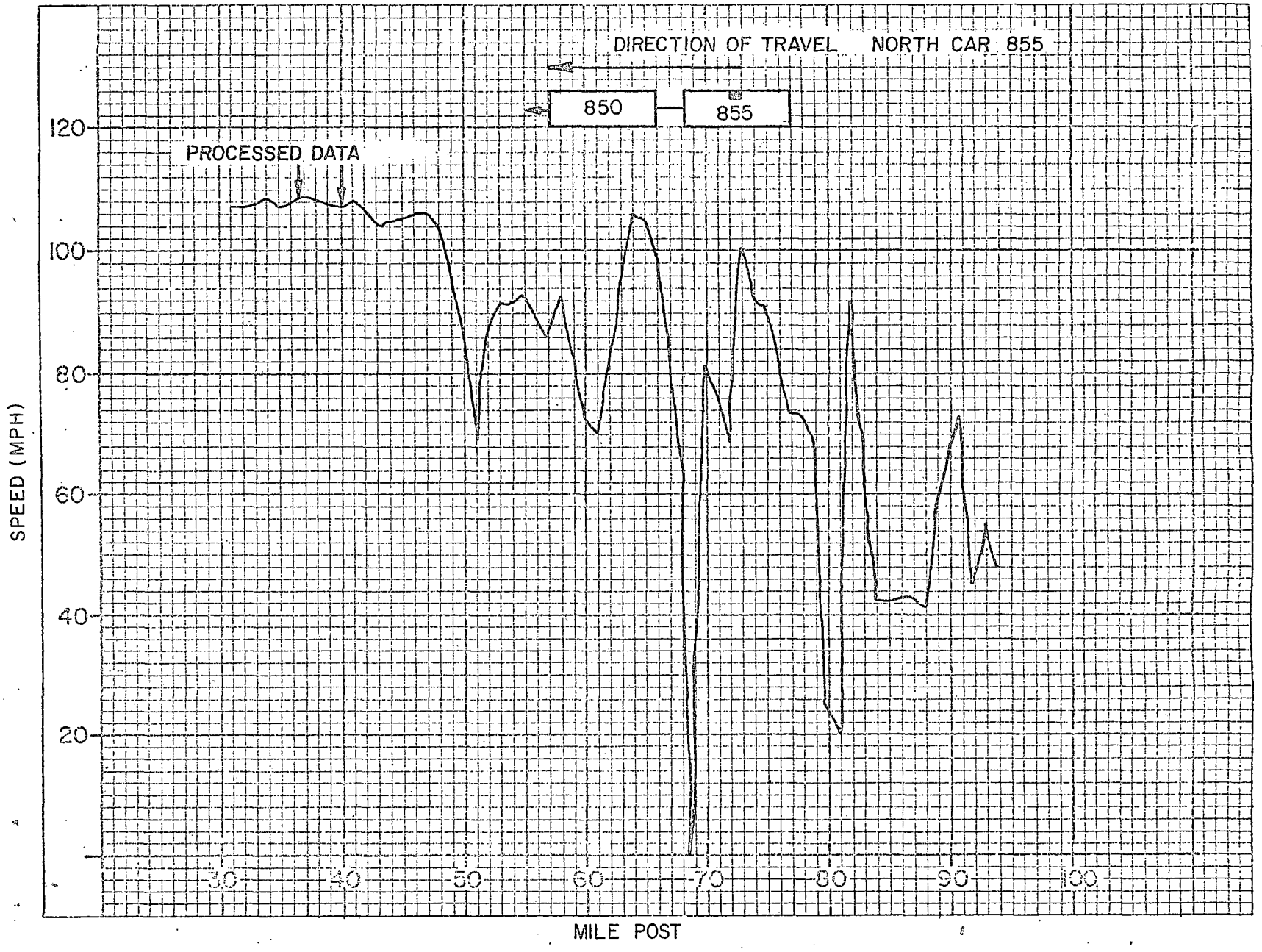


Figure 4. Speed Profile



HISTOGRAM SUMMARY

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2483-2610

VOLTAGE	ROLL	PITCH	YAW	VERTICAL	LONGITUDINAL	LATERAL
-10.0	0.	0.	0.	0.	0.	0.
-9.9	0.	0.	0.	0.	0.	0.
-9.8	0.	1.	0.	0.	0.	0.
-9.7	0.	0.	0.	0.	0.	0.
-9.6	0.	1.	0.	0.	0.	0.
-9.5	0.	0.	0.	0.	0.	0.
-9.4	0.	0.	0.	0.	0.	0.
-9.3	0.	0.	0.	0.	0.	0.
-9.2	0.	0.	0.	0.	0.	0.
-9.1	0.	0.	0.	0.	0.	0.
-9.0	0.	0.	0.	0.	0.	0.
-8.9	0.	0.	0.	0.	0.	0.
-8.8	0.	0.	0.	0.	0.	0.
-8.7	0.	0.	0.	0.	0.	0.
-8.6	0.	0.	0.	0.	0.	0.
-8.5	0.	0.	0.	0.	0.	0.
-8.4	0.	0.	0.	0.	0.	0.
-8.3	0.	0.	0.	0.	0.	0.
-8.2	0.	0.	0.	0.	0.	0.
-8.1	0.	0.	0.	0.	0.	0.
-8.0	0.	1.	0.	0.	0.	0.
-7.9	0.	0.	0.	0.	0.	0.
-7.8	0.	0.	0.	0.	0.	0.
-7.7	0.	0.	0.	0.	0.	0.
-7.6	0.	2.	0.	0.	0.	0.
-7.5	0.	0.	0.	0.	0.	0.
-7.4	0.	0.	0.	0.	0.	0.
-7.3	0.	1.	0.	0.	0.	0.
-7.2	0.	2.	0.	0.	0.	0.
-7.1	0.	0.	0.	0.	0.	0.
-7.0	0.	0.	0.	0.	0.	0.
-6.9	0.	1.	0.	0.	0.	0.
-6.8	0.	1.	0.	0.	0.	0.
-6.7	0.	1.	0.	0.	0.	0.
-6.6	0.	1.	0.	0.	0.	0.
-6.5	0.	4.	0.	0.	0.	0.
-6.4	0.	2.	0.	0.	0.	0.
-6.3	0.	4.	0.	0.	0.	0.
-6.2	0.	7.	0.	0.	0.	0.
-6.1	0.	3.	0.	0.	0.	0.
-6.0	0.	4.	0.	0.	0.	0.
-5.9	0.	1.	0.	0.	0.	0.
-5.8	0.	3.	0.	0.	0.	0.
-5.7	0.	6.	0.	0.	0.	0.
-5.6	0.	8.	0.	0.	0.	0.
-5.5	0.	6.	0.	0.	0.	0.
-5.4	0.	6.	0.	0.	0.	0.
-5.3	0.	2.	0.	0.	0.	0.
-5.2	0.	14.	0.	0.	0.	0.
-5.1	0.	7.	0.	0.	0.	0.
-5.0	0.	24.	0.	0.	0.	0.
-4.9	1.	8.	0.	0.	0.	0.
-4.8	0.	23.	0.	0.	0.	0.
-4.7	0.	21.	0.	0.	0.	0.
-4.6	0.	30.	0.	0.	0.	0.
-4.5	1.	31.	0.	0.	0.	0.
-4.4	0.	28.	0.	0.	0.	0.
-4.3	0.	30.	0.	0.	0.	0.
-4.2	0.	37.	0.	0.	0.	0.
-4.1	0.	37.	0.	0.	0.	0.
-4.0	0.	44.	0.	0.	0.	0.
-3.9	1.	54.	0.	0.	0.	0.
-3.8	1.	61.	0.	0.	0.	0.
-3.7	4.	71.	0.	0.	0.	0.
-3.6	1.	76.	0.	0.	0.	0.
-3.5	3.	60.	0.	0.	0.	0.
-3.4	5.	76.	0.	0.	0.	0.
-3.3	3.	111.	0.	0.	0.	0.
-3.2	4.	112.	0.	0.	0.	0.
-3.1	7.	107.	0.	0.	0.	0.
-3.0	20.	115.	0.	0.	0.	0.
-2.9	9.	123.	0.	0.	0.	0.
-2.8	30.	159.	0.	0.	0.	0.
-2.7	39.	138.	0.	0.	0.	0.
-2.6	55.	155.	0.	0.	0.	0.
-2.5	33.	188.	0.	0.	0.	0.
-2.4	70.	171.	0.	0.	0.	0.
-2.3	100.	189.	0.	0.	0.	0.
-2.2	95.	200.	0.	0.	0.	0.
-2.1	117.	228.	0.	1.	0.	0.
-2.0	138.	213.	0.	1.	0.	0.
-1.9	164.	236.	0.	2.	0.	0.
-1.8	195.	245.	1.	0.	0.	0.
-1.7	204.	250.	0.	2.	0.	0.
-1.6	242.	269.	0.	4.	0.	0.
-1.5	270.	263.	4.	4.	0.	0.
-1.4	311.	256.	4.	4.	0.	0.
-1.3	350.	270.	12.	1.	0.	2.
-1.2	370.	261.	12.	9.	0.	5.
-1.1	378.	296.	18.	20.	0.	5.
-1.0	418.	301.	45.	19.	0.	7.
-0.9	472.	306.	86.	35.	0.	22.
-0.8	498.	296.	111.	53.	0.	33.
-0.7	462.	291.	187.	97.	0.	69.
-0.6	511.	273.	371.	186.	2.	159.
-0.5	532.	291.	715.	449.	20.	398.
-0.4	538.	287.	1018.	910.	174.	728.
-0.3	521.	276.	1453.	1526.	804.	1470.
-0.2	530.	288.	1842.	2180.	2473.	2252.
-0.1	535.	306.	2255.	2747.	4659.	2955.

HISTOGRAM SUMMARY

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2483-2610

VOLTAGE	ROLL	PITCH	YAW	VERTICAL	LONGITUDINAL	LATERAL
0.0	560.	304.	2224.	2679.	4749.	2858.
0.1	565.	311.	1956.	2185.	2571.	2349.
0.2	533.	280.	1490.	1497.	787.	1488.
0.3	534.	268.	997.	820.	130.	843.
0.4	497.	306.	731.	463.	13.	373.
0.5	508.	297.	401.	202.	2.	190.
0.6	431.	295.	219.	111.	0.	85.
0.7	438.	279.	108.	59.	0.	37.
0.8	432.	287.	51.	47.	0.	34.
0.9	388.	251.	27.	25.	0.	13.
1.0	375.	312.	16.	16.	0.	5.
1.1	389.	254.	17.	17.	0.	4.
1.2	325.	268.	6.	5.	0.	0.
1.3	292.	248.	4.	2.	0.	0.
1.4	266.	243.	3.	4.	0.	0.
1.5	247.	258.	0.	1.	0.	0.
1.6	222.	214.	0.	0.	0.	0.
1.7	201.	209.	0.	1.	0.	0.
1.8	155.	216.	0.	0.	0.	0.
1.9	132.	211.	0.	0.	0.	0.
2.0	124.	211.	0.	0.	0.	0.
2.1	106.	175.	0.	0.	0.	0.
2.2	97.	178.	0.	0.	0.	0.
2.3	61.	184.	0.	0.	0.	0.
2.4	54.	153.	0.	0.	0.	0.
2.5	42.	165.	0.	0.	0.	0.
2.6	38.	143.	0.	0.	0.	0.
2.7	21.	139.	0.	0.	0.	0.
2.8	31.	127.	0.	0.	0.	0.
2.9	25.	118.	0.	0.	0.	0.
3.0	12.	112.	0.	0.	0.	0.
3.1	10.	89.	0.	0.	0.	0.
3.2	13.	108.	0.	0.	0.	0.
3.3	9.	88.	0.	0.	0.	0.
3.4	5.	77.	0.	0.	0.	0.
3.5	0.	78.	0.	0.	0.	0.
3.6	2.	64.	0.	0.	0.	0.
3.7	0.	54.	0.	0.	0.	0.
3.8	1.	59.	0.	0.	0.	0.
3.9	0.	56.	0.	0.	0.	0.
4.0	1.	42.	0.	0.	0.	0.
4.1	1.	40.	0.	0.	0.	0.
4.2	0.	44.	0.	0.	0.	0.
4.3	0.	40.	0.	0.	0.	0.
4.4	0.	19.	0.	0.	0.	0.
4.5	0.	19.	0.	0.	0.	0.
4.6	0.	19.	0.	0.	0.	0.
4.7	0.	22.	0.	0.	0.	0.
4.8	0.	21.	0.	0.	0.	0.
4.9	1.	16.	0.	0.	0.	0.
5.0	0.	8.	0.	0.	0.	0.
5.1	0.	13.	0.	0.	0.	0.
5.2	0.	14.	0.	0.	0.	0.
5.3	0.	12.	0.	0.	0.	0.
5.4	1.	10.	0.	0.	0.	0.
5.5	0.	10.	0.	0.	0.	0.
5.6	0.	9.	0.	0.	0.	0.
5.7	0.	8.	0.	0.	0.	0.
5.8	0.	3.	0.	0.	0.	0.
5.9	0.	5.	0.	0.	0.	0.
6.0	0.	4.	0.	0.	0.	0.
6.1	0.	5.	0.	0.	0.	0.
6.2	0.	2.	0.	0.	0.	0.
6.3	0.	6.	0.	0.	0.	0.
6.4	0.	4.	0.	0.	0.	0.
6.5	0.	6.	0.	0.	0.	0.
6.6	1.	3.	0.	0.	0.	0.
6.7	0.	3.	0.	0.	0.	0.
6.8	0.	1.	0.	0.	0.	0.
6.9	0.	1.	0.	0.	0.	0.
7.0	0.	1.	0.	0.	0.	0.
7.1	0.	1.	0.	0.	0.	0.
7.2	0.	1.	0.	0.	0.	0.
7.3	0.	2.	0.	0.	0.	0.
7.4	0.	0.	0.	0.	0.	0.
7.5	0.	1.	0.	0.	0.	0.
7.6	0.	0.	0.	0.	0.	0.
7.7	0.	1.	0.	0.	0.	0.
7.8	0.	1.	0.	0.	0.	0.
7.9	0.	2.	0.	0.	0.	0.
8.0	0.	0.	0.	0.	0.	0.
8.1	0.	1.	0.	0.	0.	0.
8.2	0.	1.	0.	0.	0.	0.
8.3	0.	1.	0.	0.	0.	0.
8.4	0.	0.	0.	0.	0.	0.
8.5	0.	1.	0.	0.	0.	0.
8.6	0.	0.	0.	0.	0.	0.
8.7	0.	0.	0.	0.	0.	0.
8.8	0.	0.	0.	0.	0.	0.
8.9	0.	0.	0.	0.	0.	0.
9.0	0.	0.	0.	0.	0.	0.
9.1	0.	0.	0.	0.	0.	0.
9.2	0.	0.	0.	0.	0.	0.
9.3	0.	0.	0.	0.	0.	0.
9.4	0.	0.	0.	0.	0.	0.
9.5	0.	0.	0.	0.	0.	0.
9.6	0.	0.	0.	0.	0.	0.
9.7	0.	0.	0.	0.	0.	0.
9.8	0.	0.	0.	0.	0.	0.
9.9	0.	2.	0.	0.	0.	0.
ST.DEV:	0.5705 RAD/SEC	0.2075 RAD/SEC	0.0319 RAD/SEC	0.0273 G'S	0.0134 G'S	0.0242 G'S

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2483-2610

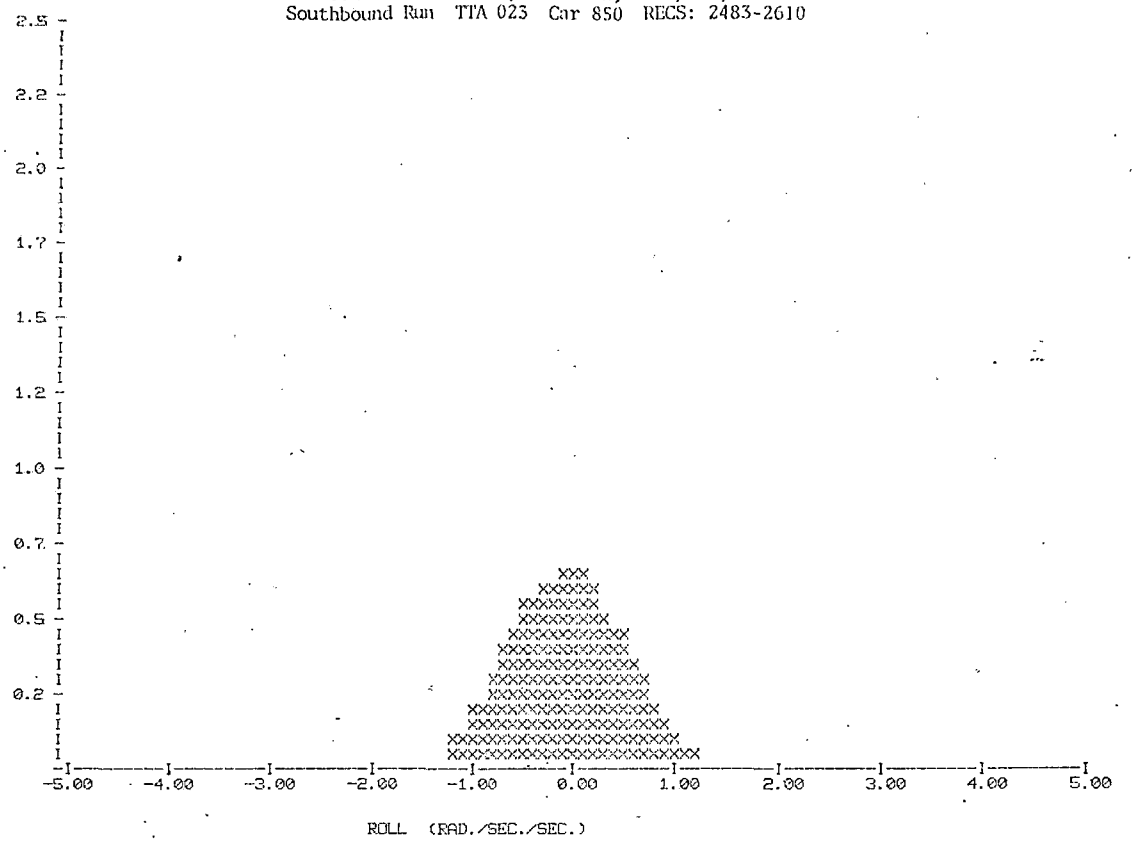
ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT(G's)	LONG.. (G's)	LAT. (G's)
-5.00	0.00000	-1.00	0.00000	0.00000	0.00000	0.00000	0.00000
-4.95	0.00000	-0.99	0.00000	0.00000	0.00000	0.00000	0.00000
-4.90	0.00000	-0.98	0.00610	0.00000	0.00000	0.00000	0.00000
-4.85	0.00000	-0.97	0.00000	0.00000	0.00000	0.00000	0.00000
-4.80	0.00000	-0.96	0.00610	0.00000	0.00000	0.00000	0.00000
-4.75	0.00000	-0.95	0.00000	0.00000	0.00000	0.00000	0.00000
-4.70	0.00000	-0.94	0.00000	0.00000	0.00000	0.00000	0.00000
-4.65	0.00000	-0.93	0.00000	0.00000	0.00000	0.00000	0.00000
-4.60	0.00000	-0.92	0.00000	0.00000	0.00000	0.00000	0.00000
-4.55	0.00000	-0.91	0.00000	0.00000	0.00000	0.00000	0.00000
-4.50	0.00000	-0.90	0.00000	0.00000	0.00000	0.00000	0.00000
-4.45	0.00000	-0.89	0.00000	0.00000	0.00000	0.00000	0.00000
-4.40	0.00000	-0.88	0.00000	0.00000	0.00000	0.00000	0.00000
-4.35	0.00000	-0.87	0.00000	0.00000	0.00000	0.00000	0.00000
-4.30	0.00000	-0.86	0.00000	0.00000	0.00000	0.00000	0.00000
-4.25	0.00000	-0.85	0.00000	0.00000	0.00000	0.00000	0.00000
-4.20	0.00000	-0.84	0.00000	0.00000	0.00000	0.00000	0.00000
-4.15	0.00000	-0.83	0.00000	0.00000	0.00000	0.00000	0.00000
-4.10	0.00000	-0.82	0.00000	0.00000	0.00000	0.00000	0.00000
-4.05	0.00000	-0.81	0.00000	0.00000	0.00000	0.00000	0.00000
-4.00	0.00000	-0.80	0.00610	0.00000	0.00000	0.00000	0.00000
-3.95	0.00000	-0.79	0.00000	0.00000	0.00000	0.00000	0.00000
-3.90	0.00000	-0.78	0.00000	0.00000	0.00000	0.00000	0.00000
-3.85	0.00000	-0.77	0.00000	0.00000	0.00000	0.00000	0.00000
-3.80	0.00000	-0.76	0.01221	0.00000	0.00000	0.00000	0.00000
-3.75	0.00000	-0.75	0.00000	0.00000	0.00000	0.00000	0.00000
-3.70	0.00000	-0.74	0.00000	0.00000	0.00000	0.00000	0.00000
-3.65	0.00000	-0.73	0.00610	0.00000	0.00000	0.00000	0.00000
-3.60	0.00000	-0.72	0.01221	0.00000	0.00000	0.00000	0.00000
-3.55	0.00000	-0.71	0.00000	0.00000	0.00000	0.00000	0.00000
-3.50	0.00000	-0.70	0.00000	0.00000	0.00000	0.00000	0.00000
-3.45	0.00000	-0.69	0.00610	0.00000	0.00000	0.00000	0.00000
-3.40	0.00000	-0.68	0.00610	0.00000	0.00000	0.00000	0.00000
-3.35	0.00000	-0.67	0.00610	0.00000	0.00000	0.00000	0.00000
-3.30	0.00000	-0.66	0.00610	0.00000	0.00000	0.00000	0.00000
-3.25	0.00000	-0.65	0.02441	0.00000	0.00000	0.00000	0.00000
-3.20	0.00000	-0.64	0.01221	0.00000	0.00000	0.00000	0.00000
-3.15	0.00000	-0.63	0.02441	0.00000	0.00000	0.00000	0.00000
-3.10	0.00000	-0.62	0.04272	0.00000	0.00000	0.00000	0.00000
-3.05	0.00000	-0.61	0.01831	0.00000	0.00000	0.00000	0.00000
-3.00	0.00000	-0.60	0.02441	0.00000	0.00000	0.00000	0.00000
-2.95	0.00000	-0.59	0.00610	0.00000	0.00000	0.00000	0.00000
-2.90	0.00000	-0.58	0.01831	0.00000	0.00000	0.00000	0.00000
-2.85	0.00000	-0.57	0.03662	0.00000	0.00000	0.00000	0.00000
-2.80	0.00000	-0.56	0.04883	0.00000	0.00000	0.00000	0.00000
-2.75	0.00000	-0.55	0.03662	0.00000	0.00000	0.00000	0.00000
-2.70	0.00000	-0.54	0.03662	0.00000	0.00000	0.00000	0.00000
-2.65	0.00000	-0.53	0.01221	0.00000	0.00000	0.00000	0.00000
-2.60	0.00000	-0.52	0.08545	0.00000	0.00000	0.00000	0.00000
-2.55	0.00000	-0.51	0.04272	0.00000	0.00000	0.00000	0.00000
-2.50	0.00000	-0.50	0.14648	0.00000	0.00000	0.00000	0.00000
-2.45	0.00122	-0.49	0.04883	0.00000	0.00000	0.00000	0.00000
-2.40	0.00000	-0.48	0.14038	0.00000	0.00000	0.00000	0.00000
-2.35	0.00000	-0.47	0.12817	0.00000	0.00000	0.00000	0.00000
-2.30	0.00000	-0.46	0.18311	0.00000	0.00000	0.00000	0.00000
-2.25	0.00122	-0.45	0.18921	0.00000	0.00000	0.00000	0.00000
-2.20	0.00000	-0.44	0.17090	0.00000	0.00000	0.00000	0.00000
-2.15	0.00000	-0.43	0.18311	0.00000	0.00000	0.00000	0.00000
-2.10	0.00000	-0.42	0.22583	0.00000	0.00000	0.00000	0.00000
-2.05	0.00000	-0.41	0.22583	0.00000	0.00000	0.00000	0.00000
-2.00	0.00000	-0.40	0.26855	0.00000	0.00000	0.00000	0.00000
-1.95	0.00122	-0.39	0.32959	0.00000	0.00000	0.00000	0.00000
-1.90	0.00122	-0.38	0.37231	0.00000	0.00000	0.00000	0.00000
-1.85	0.00488	-0.37	0.43335	0.00000	0.00000	0.00000	0.00000
-1.80	0.00122	-0.36	0.46387	0.00000	0.00000	0.00000	0.00000
-1.75	0.00366	-0.35	0.36621	0.00000	0.00000	0.00000	0.00000
-1.70	0.00610	-0.34	0.46387	0.00000	0.00000	0.00000	0.00000
-1.65	0.00366	-0.33	0.67749	0.00000	0.00000	0.00000	0.00000
-1.60	0.00488	-0.32	0.68359	0.00000	0.00000	0.00000	0.00000
-1.55	0.00854	-0.31	0.65308	0.00000	0.00000	0.00000	0.00000
-1.50	0.02441	-0.30	0.70190	0.00000	0.00000	0.00000	0.00000
-1.45	0.01099	-0.29	0.75073	0.00000	0.00000	0.00000	0.00000
-1.40	0.03662	-0.28	0.97046	0.00000	0.00000	0.00000	0.00000
-1.35	0.04761	-0.27	0.84229	0.00000	0.00000	0.00000	0.00000
-1.30	0.06714	-0.26	0.94604	0.00000	0.00000	0.00000	0.00000
-1.25	0.04028	-0.25	1.14746	0.00000	0.00000	0.00000	0.00000
-1.20	0.08545	-0.24	1.04370	0.00000	0.00000	0.00000	0.00000
-1.15	0.12207	-0.23	1.15356	0.00000	0.00000	0.00000	0.00000
-1.10	0.11597	-0.22	1.22070	0.00000	0.00000	0.00000	0.00000
-1.05	0.14282	-0.21	1.39160	0.00000	0.00610	0.00000	0.00000
-1.00	0.16846	-0.20	1.30005	0.00000	0.00610	0.00000	0.00000
-0.95	0.20020	-0.19	1.44043	0.00000	0.01221	0.00000	0.00000
-0.90	0.23804	-0.18	1.49536	0.00610	0.00000	0.00000	0.00000
-0.85	0.24902	-0.17	1.52588	0.00000	0.01221	0.00000	0.00000
-0.80	0.29541	-0.16	1.64185	0.00000	0.02441	0.00000	0.00000
-0.75	0.32959	-0.15	1.60522	0.02441	0.02441	0.00000	0.00000
-0.70	0.37964	-0.14	1.56250	0.02441	0.02441	0.00000	0.00000
-0.65	0.42725	-0.13	1.64795	0.07324	0.00610	0.00000	0.01221
-0.60	0.45166	-0.12	1.59302	0.07324	0.05493	0.00000	0.03052
-0.55	0.46143	-0.11	1.80664	0.10986	0.12207	0.00000	0.03052
-0.50	0.51025	-0.10	1.83716	0.27466	0.11597	0.00000	0.04272
-0.45	0.57617	-0.09	1.86768	0.52490	0.21362	0.00000	0.13428
-0.40	0.60791	-0.08	1.80664	0.67749	0.32349	0.00000	0.20142
-0.35	0.56396	-0.07	1.77612	1.14136	0.59204	0.00000	0.42114
-0.30	0.62378	-0.06	1.66626	2.26440	1.13525	0.01221	0.97046
-0.25	0.64941	-0.05	1.77612	4.36401	2.74048	0.12207	2.42920
-0.20	0.65674	-0.04	1.75171	6.21338	5.55420	1.06201	4.44336
-0.15	0.63599	-0.03	1.68457	8.86841	9.31396	4.90723	8.97217
-0.10	0.64697	-0.02	1.75781	11.2426	13.3056	15.0939	13.7451
-0.05	0.65308	-0.01	1.86768	13.7634	16.7663	28.4362	18.0358

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2483-2610

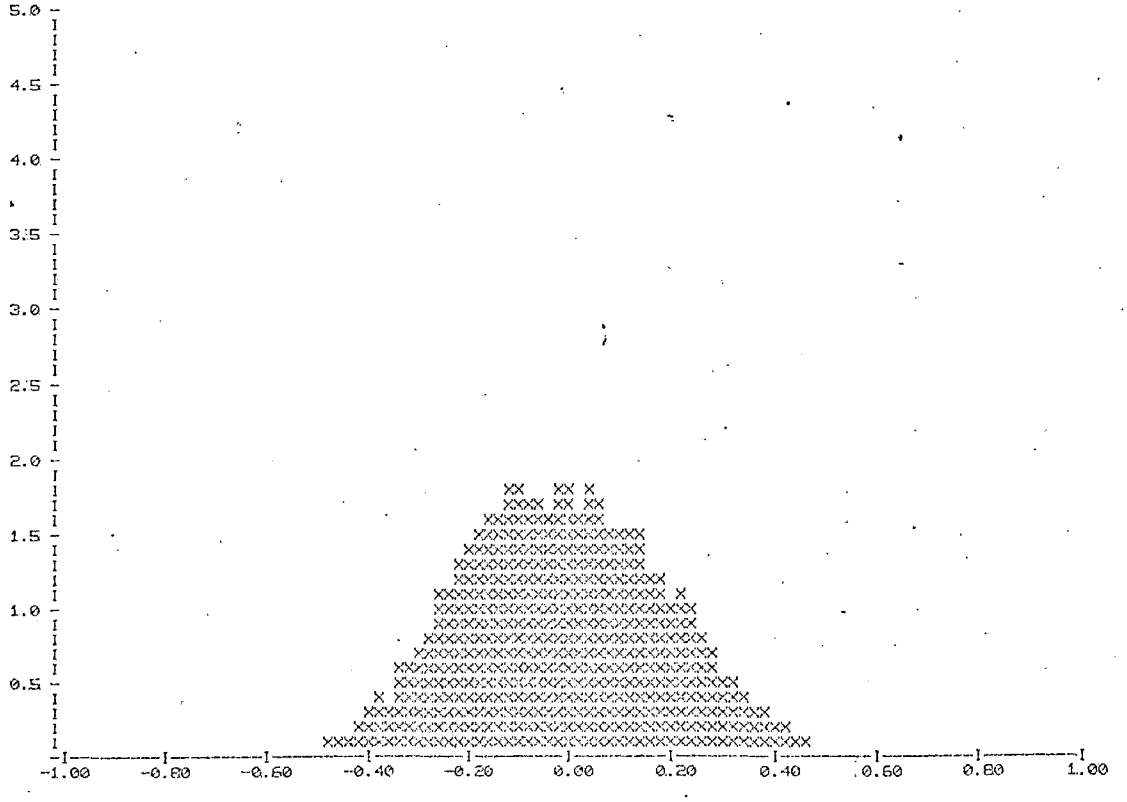
ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT (G's)	LONG..(G's)	LAT. (G's)
0.00	0.68359	0.00	1.85547	13.5742	16.3513	28.9856	17.4438
0.05	0.68970	0.01	1.89819	111.9384	13.3361	15.6921	14.3371
0.10	0.65063	0.02	1.70898	9.09424	9.13696	4.80347	9.08203
0.15	0.65186	0.03	1.63574	6.08521	5.00488	0.79346	5.14526
0.20	0.60669	0.04	1.86768	4.46167	2.82593	0.07935	2.27661
0.25	0.62012	0.05	1.81274	2.44751	1.23291	0.01221	1.15967
0.30	0.52612	0.06	1.80054	1.33667	0.67749	0.00000	0.51880
0.35	0.53467	0.07	1.70288	0.65918	0.36011	0.00000	0.22583
0.40	0.52734	0.08	1.75171	0.31128	0.28687	0.00000	0.20752
0.45	0.47363	0.09	1.53198	0.16479	0.15259	0.00000	0.07935
0.50	0.45776	0.10	1.90430	0.09766	0.09766	0.00000	0.03052
0.55	0.47485	0.11	1.55029	0.10376	0.10376	0.00000	0.02441
0.60	0.39673	0.12	1.63574	0.03662	0.03052	0.00000	0.00000
0.65	0.35645	0.13	1.51367	0.02441	0.01221	0.00000	0.00000
0.70	0.32471	0.14	1.48315	0.01831	0.02441	0.00000	0.00000
0.75	0.30151	0.15	1.57471	0.00000	0.00610	0.00000	0.00000
0.80	0.27100	0.16	1.30615	0.00000	0.00000	0.00000	0.00000
0.85	0.24536	0.17	1.27563	0.00000	0.00610	0.00000	0.00000
0.90	0.18921	0.18	1.31836	0.00000	0.00000	0.00000	0.00000
0.95	0.16113	0.19	1.28784	0.00000	0.00000	0.00000	0.00000
1.00	0.15137	0.20	1.28784	0.00000	0.00000	0.00000	0.00000
1.05	0.12939	0.21	1.06812	0.00000	0.00000	0.00000	0.00000
1.10	0.11841	0.22	1.08643	0.00000	0.00000	0.00000	0.00000
1.15	0.07446	0.23	1.12305	0.00000	0.00000	0.00000	0.00000
1.20	0.06592	0.24	0.93384	0.00000	0.00000	0.00000	0.00000
1.25	0.05127	0.25	1.00708	0.00000	0.00000	0.00000	0.00000
1.30	0.04639	0.26	0.87280	0.00000	0.00000	0.00000	0.00000
1.35	0.02563	0.27	0.84839	0.00000	0.00000	0.00000	0.00000
1.40	0.03784	0.28	0.77515	0.00000	0.00000	0.00000	0.00000
1.45	0.03052	0.29	0.72021	0.00000	0.00000	0.00000	0.00000
1.50	0.01465	0.30	0.68359	0.00000	0.00000	0.00000	0.00000
1.55	0.01221	0.31	0.54321	0.00000	0.00000	0.00000	0.00000
1.60	0.01587	0.32	0.65918	0.00000	0.00000	0.00000	0.00000
1.65	0.01099	0.33	0.53711	0.00000	0.00000	0.00000	0.00000
1.70	0.00610	0.34	0.46997	0.00000	0.00000	0.00000	0.00000
1.75	0.00000	0.35	0.47607	0.00000	0.00000	0.00000	0.00000
1.80	0.00244	0.36	0.39063	0.00000	0.00000	0.00000	0.00000
1.85	0.00000	0.37	0.32959	0.00000	0.00000	0.00000	0.00000
1.90	0.00122	0.38	0.36011	0.00000	0.00000	0.00000	0.00000
1.95	0.00000	0.39	0.34180	0.00000	0.00000	0.00000	0.00000
2.00	0.00122	0.40	0.25635	0.00000	0.00000	0.00000	0.00000
2.05	0.00122	0.41	0.24414	0.00000	0.00000	0.00000	0.00000
2.10	0.00000	0.42	0.26855	0.00000	0.00000	0.00000	0.00000
2.15	0.00000	0.43	0.24414	0.00000	0.00000	0.00000	0.00000
2.20	0.00000	0.44	0.11597	0.00000	0.00000	0.00000	0.00000
2.25	0.00000	0.45	0.11597	0.00000	0.00000	0.00000	0.00000
2.30	0.00000	0.46	0.11597	0.00000	0.00000	0.00000	0.00000
2.35	0.00000	0.47	0.13428	0.00000	0.00000	0.00000	0.00000
2.40	0.00000	0.48	0.12817	0.00000	0.00000	0.00000	0.00000
2.45	0.00122	0.49	0.09766	0.00000	0.00000	0.00000	0.00000
2.50	0.00000	0.50	0.04883	0.00000	0.00000	0.00000	0.00000
2.55	0.00000	0.51	0.07935	0.00000	0.00000	0.00000	0.00000
2.60	0.00000	0.52	0.08545	0.00000	0.00000	0.00000	0.00000
2.65	0.00000	0.53	0.07324	0.00000	0.00000	0.00000	0.00000
2.70	0.00122	0.54	0.06104	0.00000	0.00000	0.00000	0.00000
2.75	0.00000	0.55	0.06104	0.00000	0.00000	0.00000	0.00000
2.80	0.00000	0.56	0.05493	0.00000	0.00000	0.00000	0.00000
2.85	0.00000	0.57	0.04883	0.00000	0.00000	0.00000	0.00000
2.90	0.00000	0.58	0.01831	0.00000	0.00000	0.00000	0.00000
2.95	0.00000	0.59	0.03052	0.00000	0.00000	0.00000	0.00000
3.00	0.00000	0.60	0.02441	0.00000	0.00000	0.00000	0.00000
3.05	0.00000	0.61	0.03052	0.00000	0.00000	0.00000	0.00000
3.10	0.00000	0.62	0.01221	0.00000	0.00000	0.00000	0.00000
3.15	0.00000	0.63	0.03662	0.00000	0.00000	0.00000	0.00000
3.20	0.00000	0.64	0.02441	0.00000	0.00000	0.00000	0.00000
3.25	0.00000	0.65	0.03662	0.00000	0.00000	0.00000	0.00000
3.30	0.00122	0.66	0.01831	0.00000	0.00000	0.00000	0.00000
3.35	0.00000	0.67	0.01831	0.00000	0.00000	0.00000	0.00000
3.40	0.00000	0.68	0.00610	0.00000	0.00000	0.00000	0.00000
3.45	0.00000	0.69	0.00610	0.00000	0.00000	0.00000	0.00000
3.50	0.00000	0.70	0.00610	0.00000	0.00000	0.00000	0.00000
3.55	0.00000	0.71	0.00610	0.00000	0.00000	0.00000	0.00000
3.60	0.00000	0.72	0.00610	0.00000	0.00000	0.00000	0.00000
3.65	0.00000	0.73	0.01221	0.00000	0.00000	0.00000	0.00000
3.70	0.00000	0.74	0.00000	0.00000	0.00000	0.00000	0.00000
3.75	0.00000	0.75	0.00610	0.00000	0.00000	0.00000	0.00000
3.80	0.00000	0.76	0.00000	0.00000	0.00000	0.00000	0.00000
3.85	0.00000	0.77	0.00610	0.00000	0.00000	0.00000	0.00000
3.90	0.00000	0.78	0.00610	0.00000	0.00000	0.00000	0.00000
3.95	0.00000	0.79	0.01221	0.00000	0.00000	0.00000	0.00000
4.00	0.00000	0.80	0.00000	0.00000	0.00000	0.00000	0.00000
4.05	0.00000	0.81	0.00610	0.00000	0.00000	0.00000	0.00000
4.10	0.00000	0.82	0.00610	0.00000	0.00000	0.00000	0.00000
4.15	0.00000	0.83	0.00610	0.00000	0.00000	0.00000	0.00000
4.20	0.00000	0.84	0.00000	0.00000	0.00000	0.00000	0.00000
4.25	0.00000	0.85	0.00610	0.00000	0.00000	0.00000	0.00000
4.30	0.00000	0.86	0.00000	0.00000	0.00000	0.00000	0.00000
4.35	0.00000	0.87	0.00000	0.00000	0.00000	0.00000	0.00000
4.40	0.00000	0.88	0.00000	0.00000	0.00000	0.00000	0.00000
4.45	0.00000	0.89	0.00000	0.00000	0.00000	0.00000	0.00000
4.50	0.00000	0.90	0.00000	0.00000	0.00000	0.00000	0.00000
4.55	0.00000	0.91	0.00000	0.00000	0.00000	0.00000	0.00000
4.60	0.00000	0.92	0.00000	0.00000	0.00000	0.00000	0.00000
4.65	0.00000	0.93	0.00000	0.00000	0.00000	0.00000	0.00000
4.70	0.00000	0.94	0.00000	0.00000	0.00000	0.00000	0.00000
4.75	0.00000	0.95	0.00000	0.00000	0.00000	0.00000	0.00000
4.80	0.00000	0.96	0.00000	0.00000	0.00000	0.00000	0.00000
4.85	0.00000	0.97	0.00000	0.00000	0.00000	0.00000	0.00000
4.90	0.00000	0.98	0.00000	0.00000	0.00000	0.00000	0.00000
4.95	0.00000	0.99	0.01221	0.00000	0.00000	0.00000	0.00000

PROBABILITY DENSITY ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 025 Car 850 RECS: 2483-2610



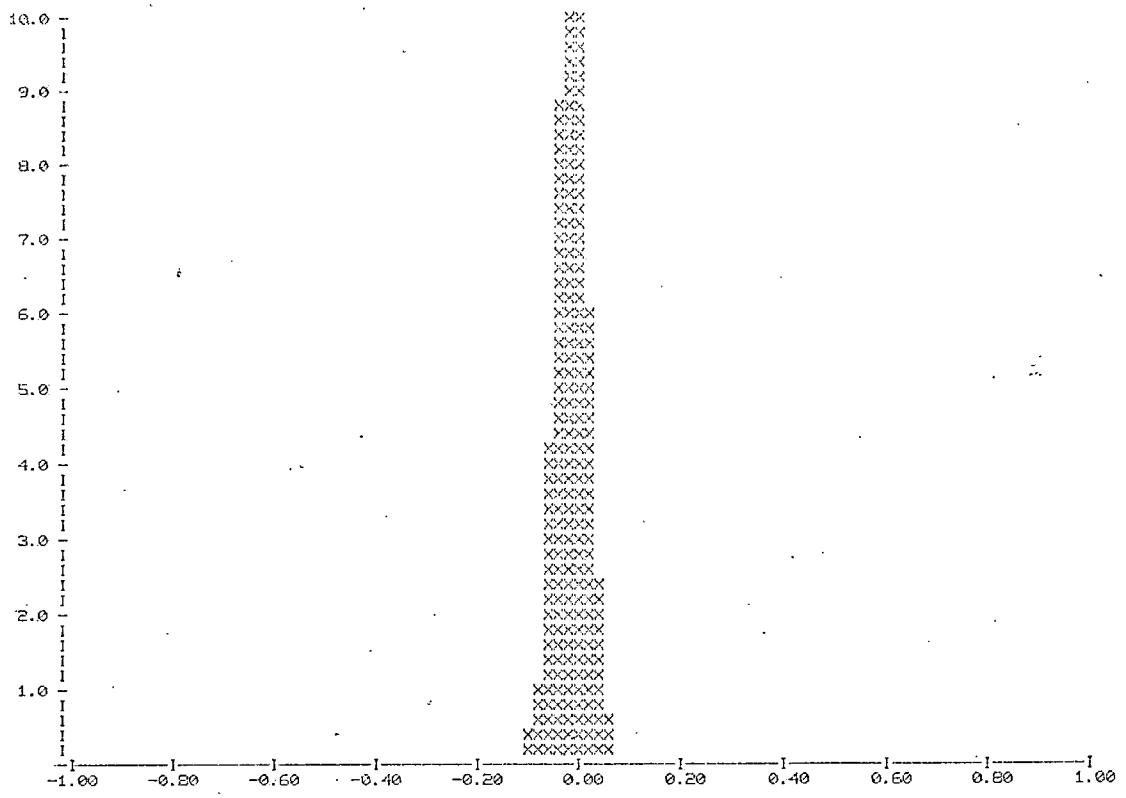
ROLL (RAD./SEC./SEC.)



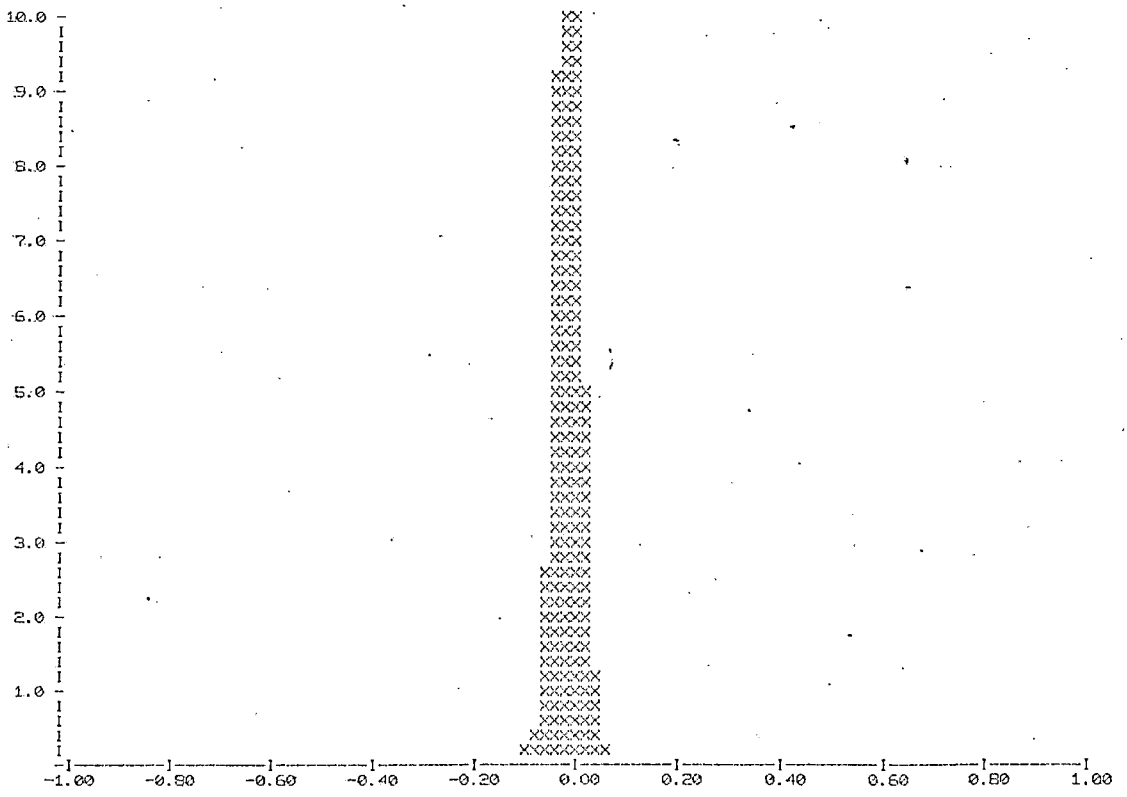
PITCH (RAD./SEC./SEC.)

PROBABILITY DENSITY ESTIMATE

Metroliner Truck Test, RG-125.1. 6 May 75, 256 Hz
Southbound Run TTA 025 Car 850 RECS: 2483-2610



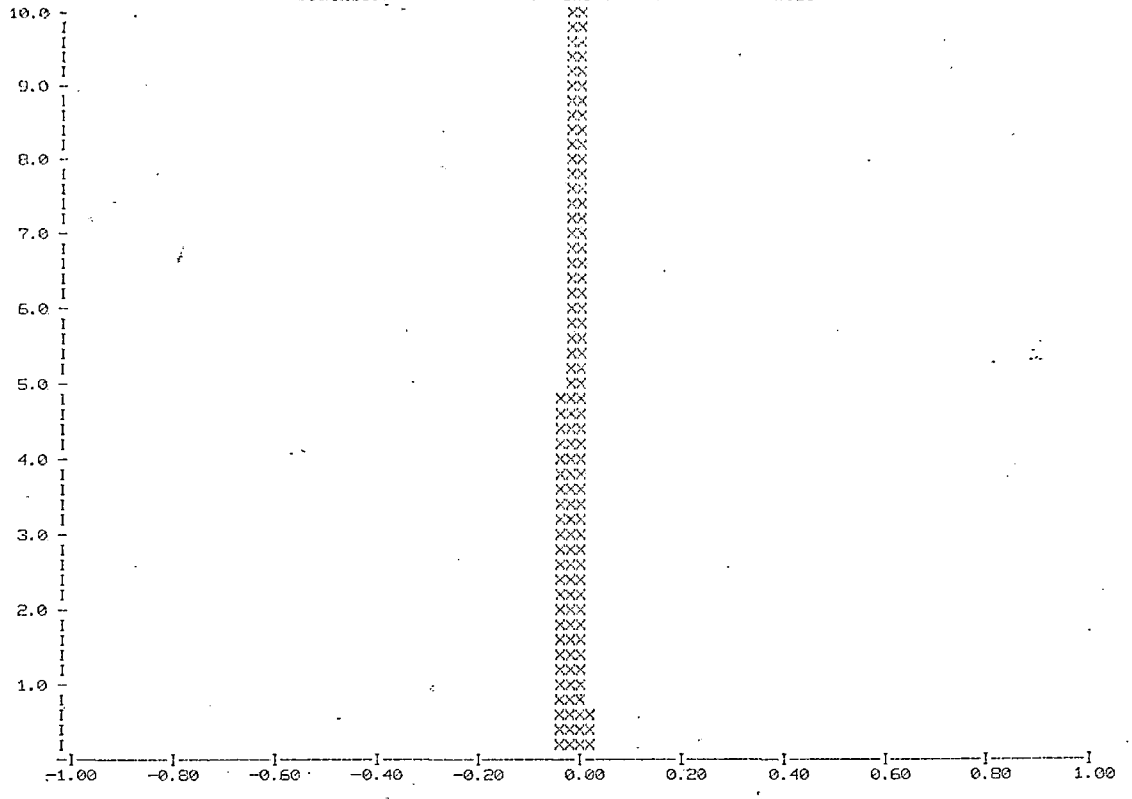
YAW (RAD./SEC./SEC.)



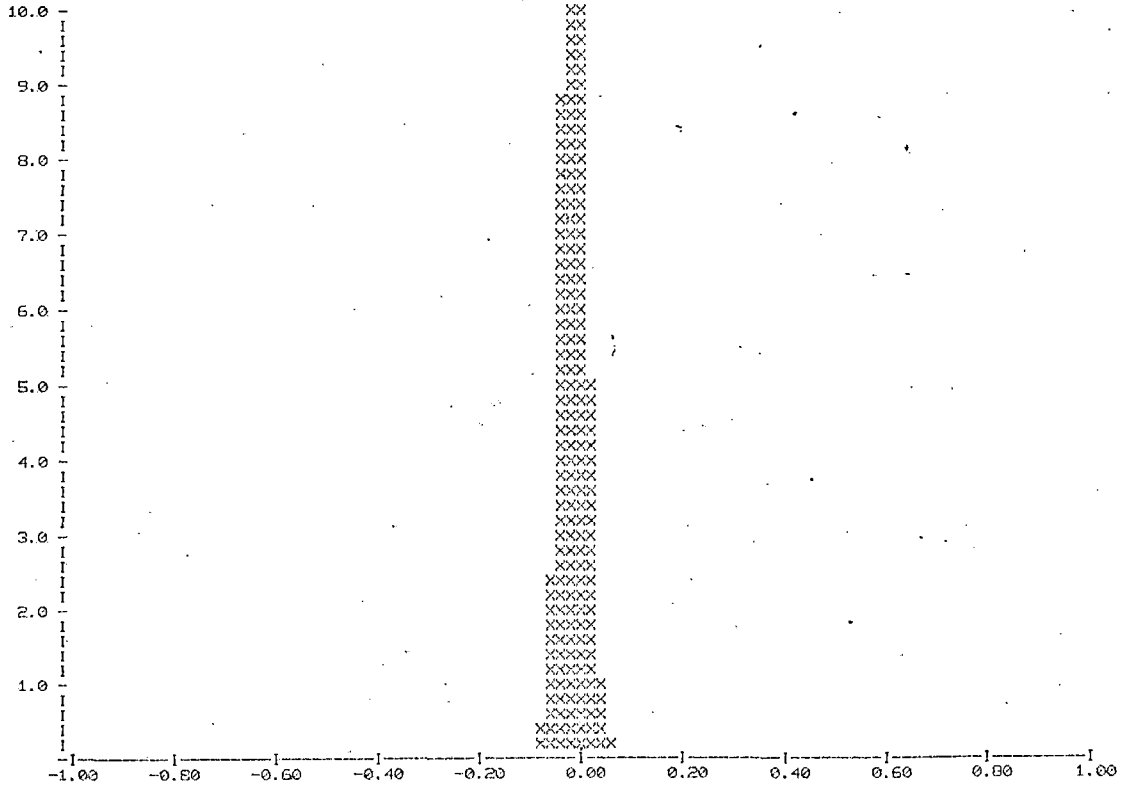
VERT. ACCELERATION (G'S)

PROBABILITY DENSITY ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2483-2610



LONG. ACCELERATION (G'S)



LAT. ACCELERATION (G'S)

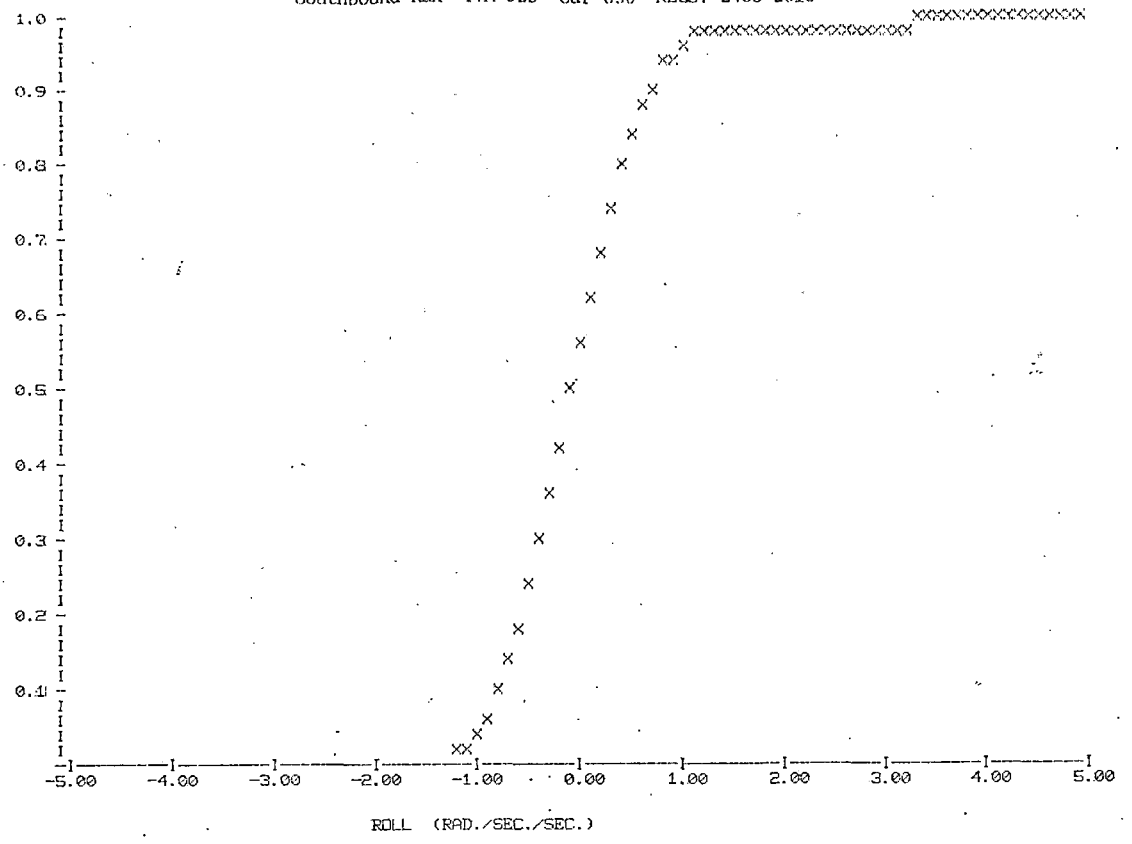
Metroliner Truck Test, RG-125.1. 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2483-2610

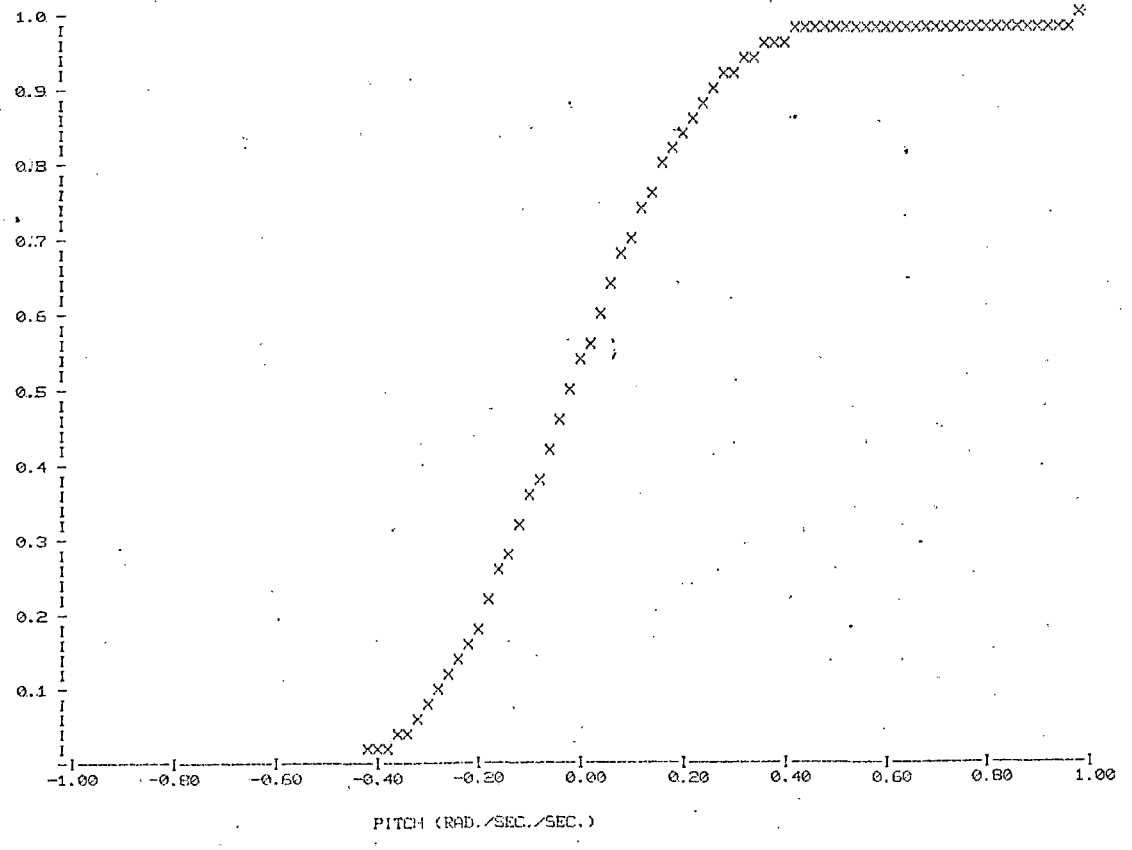
ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT (G's)	LONG. (G's)	LAT. (G's)
-5.00	0.00000	-1.00	0.00000	0.00000	0.00000	0.00000	0.00000
-4.95	0.00000	-0.99	0.00000	0.00000	0.00000	0.00000	0.00000
-4.90	0.00000	-0.98	0.00006	0.00000	0.00000	0.00000	0.00000
-4.85	0.00000	-0.97	0.00006	0.00000	0.00000	0.00000	0.00000
-4.80	0.00000	-0.96	0.00012	0.00000	0.00000	0.00000	0.00000
-4.75	0.00000	-0.95	0.00012	0.00000	0.00000	0.00000	0.00000
-4.70	0.00000	-0.94	0.00012	0.00000	0.00000	0.00000	0.00000
-4.65	0.00000	-0.93	0.00012	0.00000	0.00000	0.00000	0.00000
-4.60	0.00000	-0.92	0.00012	0.00000	0.00000	0.00000	0.00000
-4.55	0.00000	-0.91	0.00012	0.00000	0.00000	0.00000	0.00000
-4.50	0.00000	-0.90	0.00012	0.00000	0.00000	0.00000	0.00000
-4.45	0.00000	-0.89	0.00012	0.00000	0.00000	0.00000	0.00000
-4.40	0.00000	-0.88	0.00012	0.00000	0.00000	0.00000	0.00000
-4.35	0.00000	-0.87	0.00012	0.00000	0.00000	0.00000	0.00000
-4.30	0.00000	-0.86	0.00012	0.00000	0.00000	0.00000	0.00000
-4.25	0.00000	-0.85	0.00012	0.00000	0.00000	0.00000	0.00000
-4.20	0.00000	-0.84	0.00012	0.00000	0.00000	0.00000	0.00000
-4.15	0.00000	-0.83	0.00012	0.00000	0.00000	0.00000	0.00000
-4.10	0.00000	-0.82	0.00012	0.00000	0.00000	0.00000	0.00000
-4.05	0.00000	-0.81	0.00012	0.00000	0.00000	0.00000	0.00000
-4.00	0.00000	-0.80	0.00018	0.00000	0.00000	0.00000	0.00000
-3.95	0.00000	-0.79	0.00018	0.00000	0.00000	0.00000	0.00000
-3.90	0.00000	-0.78	0.00018	0.00000	0.00000	0.00000	0.00000
-3.85	0.00000	-0.77	0.00018	0.00000	0.00000	0.00000	0.00000
-3.80	0.00000	-0.76	0.00031	0.00000	0.00000	0.00000	0.00000
-3.75	0.00000	-0.75	0.00031	0.00000	0.00000	0.00000	0.00000
-3.70	0.00000	-0.74	0.00031	0.00000	0.00000	0.00000	0.00000
-3.65	0.00000	-0.73	0.00037	0.00000	0.00000	0.00000	0.00000
-3.60	0.00000	-0.72	0.00049	0.00000	0.00000	0.00000	0.00000
-3.55	0.00000	-0.71	0.00049	0.00000	0.00000	0.00000	0.00000
-3.50	0.00000	-0.70	0.00049	0.00000	0.00000	0.00000	0.00000
-3.45	0.00000	-0.69	0.00055	0.00000	0.00000	0.00000	0.00000
-3.40	0.00000	-0.68	0.00061	0.00000	0.00000	0.00000	0.00000
-3.35	0.00000	-0.67	0.00067	0.00000	0.00000	0.00000	0.00000
-3.30	0.00000	-0.66	0.00073	0.00000	0.00000	0.00000	0.00000
-3.25	0.00000	-0.65	0.00098	0.00000	0.00000	0.00000	0.00000
-3.20	0.00000	-0.64	0.00110	0.00000	0.00000	0.00000	0.00000
-3.15	0.00000	-0.63	0.00134	0.00000	0.00000	0.00000	0.00000
-3.10	0.00000	-0.62	0.00177	0.00000	0.00000	0.00000	0.00000
-3.05	0.00000	-0.61	0.00195	0.00000	0.00000	0.00000	0.00000
-3.00	0.00000	-0.60	0.00220	0.00000	0.00000	0.00000	0.00000
-2.95	0.00000	-0.59	0.00226	0.00000	0.00000	0.00000	0.00000
-2.90	0.00000	-0.58	0.00244	0.00000	0.00000	0.00000	0.00000
-2.85	0.00000	-0.57	0.00281	0.00000	0.00000	0.00000	0.00000
-2.80	0.00000	-0.56	0.00330	0.00000	0.00000	0.00000	0.00000
-2.75	0.00000	-0.55	0.00366	0.00000	0.00000	0.00000	0.00000
-2.70	0.00000	-0.54	0.00403	0.00000	0.00000	0.00000	0.00000
-2.65	0.00000	-0.53	0.00415	0.00000	0.00000	0.00000	0.00000
-2.60	0.00000	-0.52	0.00500	0.00000	0.00000	0.00000	0.00000
-2.55	0.00000	-0.51	0.00543	0.00000	0.00000	0.00000	0.00000
-2.50	0.00000	-0.50	0.00690	0.00000	0.00000	0.00000	0.00000
-2.45	0.00006	-0.49	0.00739	0.00000	0.00000	0.00000	0.00000
-2.40	0.00006	-0.48	0.00879	0.00000	0.00000	0.00000	0.00000
-2.35	0.00006	-0.47	0.01007	0.00000	0.00000	0.00000	0.00000
-2.30	0.00006	-0.46	0.01190	0.00000	0.00000	0.00000	0.00000
-2.25	0.00012	-0.45	0.01379	0.00000	0.00000	0.00000	0.00000
-2.20	0.00012	-0.44	0.01550	0.00000	0.00000	0.00000	0.00000
-2.15	0.00012	-0.43	0.01733	0.00000	0.00000	0.00000	0.00000
-2.10	0.00012	-0.42	0.01959	0.00000	0.00000	0.00000	0.00000
-2.05	0.00012	-0.41	0.02185	0.00000	0.00000	0.00000	0.00000
-2.00	0.00012	-0.40	0.02454	0.00000	0.00000	0.00000	0.00000
-1.95	0.00018	-0.39	0.02783	0.00000	0.00000	0.00000	0.00000
-1.90	0.00024	-0.38	0.03156	0.00000	0.00000	0.00000	0.00000
-1.85	0.00049	-0.37	0.03589	0.00000	0.00000	0.00000	0.00000
-1.80	0.00055	-0.36	0.04053	0.00000	0.00000	0.00000	0.00000
-1.75	0.00073	-0.35	0.04419	0.00000	0.00000	0.00000	0.00000
-1.70	0.00104	-0.34	0.04883	0.00000	0.00000	0.00000	0.00000
-1.65	0.00122	-0.33	0.05560	0.00000	0.00000	0.00000	0.00000
-1.60	0.00146	-0.32	0.06244	0.00000	0.00000	0.00000	0.00000
-1.55	0.00189	-0.31	0.06897	0.00000	0.00000	0.00000	0.00000
-1.50	0.00311	-0.30	0.07599	0.00000	0.00000	0.00000	0.00000
-1.45	0.00366	-0.29	0.08350	0.00000	0.00000	0.00000	0.00000
-1.40	0.00549	-0.28	0.09320	0.00000	0.00000	0.00000	0.00000
-1.35	0.00787	-0.27	0.10162	0.00000	0.00000	0.00000	0.00000
-1.30	0.01123	-0.26	0.11108	0.00000	0.00000	0.00000	0.00000
-1.25	0.01324	-0.25	0.12256	0.00000	0.00000	0.00000	0.00000
-1.20	0.01752	-0.24	0.13300	0.00000	0.00000	0.00000	0.00000
-1.15	0.02362	-0.23	0.14453	0.00000	0.00000	0.00000	0.00000
-1.10	0.02942	-0.22	0.15674	0.00000	0.00000	0.00000	0.00000
-1.05	0.03656	-0.21	0.17065	0.00000	0.00006	0.00000	0.00000
-1.00	0.04498	-0.20	0.18365	0.00000	0.00012	0.00000	0.00000
-0.95	0.05499	-0.19	0.19806	0.00000	0.00024	0.00000	0.00000
-0.90	0.06689	-0.18	0.21301	0.00006	0.00024	0.00000	0.00000
-0.85	0.07935	-0.17	0.22827	0.00006	0.00037	0.00000	0.00000
-0.80	0.09412	-0.16	0.24469	0.00006	0.00061	0.00000	0.00000
-0.75	0.11060	-0.15	0.26074	0.00031	0.00085	0.00000	0.00000
-0.70	0.12958	-0.14	0.27637	0.00055	0.00110	0.00000	0.00000
-0.65	0.15094	-0.13	0.29285	0.00128	0.00116	0.00000	0.00012
-0.60	0.17352	-0.12	0.30878	0.00201	0.00171	0.00000	0.00043
-0.55	0.19659	-0.11	0.32684	0.00311	0.00293	0.00000	0.00073
-0.50	0.22211	-0.10	0.34521	0.00586	0.00409	0.00000	0.00116
-0.45	0.25092	-0.09	0.36389	0.01111	0.00623	0.00000	0.00250
-0.40	0.28131	-0.08	0.38196	0.01768	0.00946	0.00000	0.00452
-0.35	0.30951	-0.07	0.39972	0.02930	0.01538	0.00000	0.00873
-0.30	0.34070	-0.06	0.41638	0.05194	0.02673	0.00012	0.01843
-0.25	0.37317	-0.05	0.43414	0.09558	0.05414	0.00134	0.04272
-0.20	0.40601	-0.04	0.45166	0.15771	0.10568	0.01196	0.08716
-0.15	0.43781	-0.03	0.46851	0.24640	0.20282	0.06104	0.17688
-0.10	0.47015	-0.02	0.48608	0.35883	0.33588	0.21198	0.31433
-0.05	0.50281	-0.01	0.50476	0.49646	0.50354	0.49634	0.49469

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2483-2610

ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT (G's)	LONG. (G's)	LAT. (G's)
0.00	0.53699	0.00	0.52332	0.63220	0.66705	0.78619	0.66913
0.05	0.57147	0.01	0.54230	0.75159	0.80042	0.94312	0.81250
0.10	0.60400	0.02	0.55939	0.84253	0.89178	0.99115	0.90332
0.15	0.63660	0.03	0.57574	0.90338	0.94183	0.99908	0.95477
0.20	0.66693	0.04	0.59442	0.94800	0.97009	0.99988	0.97754
0.25	0.69794	0.05	0.61255	0.97247	0.98242	1.00000	0.98914
0.30	0.72424	0.06	0.63055	0.98584	0.98920	1.00000	0.99432
0.35	0.75098	0.07	0.64758	0.99243	0.99280	1.00000	0.99658
0.40	0.77734	0.08	0.66510	0.99554	0.99567	1.00000	0.99866
0.45	0.80103	0.09	0.68042	0.99719	0.99719	1.00000	0.99945
0.50	0.82391	0.10	0.69946	0.99817	0.99817	1.00000	0.99976
0.55	0.84766	0.11	0.71497	0.99921	0.99921	1.00000	1.00000
0.60	0.86749	0.12	0.73132	0.99957	0.99951	1.00000	1.00000
0.65	0.88531	0.13	0.74646	0.99982	0.99963	1.00000	1.00000
0.70	0.90155	0.14	0.76129	1.00000	0.99988	1.00000	1.00000
0.75	0.91663	0.15	0.77704	1.00000	0.99994	1.00000	1.00000
0.80	0.93018	0.16	0.79010	1.00000	0.99994	1.00000	1.00000
0.85	0.94244	0.17	0.80286	1.00000	1.00000	1.00000	1.00000
0.90	0.95190	0.18	0.81604	1.00000	1.00000	1.00000	1.00000
0.95	0.95996	0.19	0.82892	1.00000	1.00000	1.00000	1.00000
1.00	0.96753	0.20	0.84180	1.00000	1.00000	1.00000	1.00000
1.05	0.97400	0.21	0.85248	1.00000	1.00000	1.00000	1.00000
1.10	0.97992	0.22	0.86334	1.00000	1.00000	1.00000	1.00000
1.15	0.98364	0.23	0.87457	1.00000	1.00000	1.00000	1.00000
1.20	0.98694	0.24	0.88391	1.00000	1.00000	1.00000	1.00000
1.25	0.98950	0.25	0.89398	1.00000	1.00000	1.00000	1.00000
1.30	0.99182	0.26	0.90271	1.00000	1.00000	1.00000	1.00000
1.35	0.99310	0.27	0.91119	1.00000	1.00000	1.00000	1.00000
1.40	0.99500	0.28	0.91895	1.00000	1.00000	1.00000	1.00000
1.45	0.99652	0.29	0.92615	1.00000	1.00000	1.00000	1.00000
1.50	0.99725	0.30	0.93298	1.00000	1.00000	1.00000	1.00000
1.55	0.99786	0.31	0.93842	1.00000	1.00000	1.00000	1.00000
1.60	0.99866	0.32	0.94501	1.00000	1.00000	1.00000	1.00000
1.65	0.99921	0.33	0.95038	1.00000	1.00000	1.00000	1.00000
1.70	0.99951	0.34	0.95508	1.00000	1.00000	1.00000	1.00000
1.75	0.99951	0.35	0.95984	1.00000	1.00000	1.00000	1.00000
1.80	0.99963	0.36	0.96375	1.00000	1.00000	1.00000	1.00000
1.85	0.99963	0.37	0.96704	1.00000	1.00000	1.00000	1.00000
1.90	0.99969	0.38	0.97064	1.00000	1.00000	1.00000	1.00000
1.95	0.99969	0.39	0.97406	1.00000	1.00000	1.00000	1.00000
2.00	0.99976	0.40	0.97662	1.00000	1.00000	1.00000	1.00000
2.05	0.99982	0.41	0.97906	1.00000	1.00000	1.00000	1.00000
2.10	0.99982	0.42	0.98175	1.00000	1.00000	1.00000	1.00000
2.15	0.99982	0.43	0.98419	1.00000	1.00000	1.00000	1.00000
2.20	0.99982	0.44	0.98535	1.00000	1.00000	1.00000	1.00000
2.25	0.99982	0.45	0.98651	1.00000	1.00000	1.00000	1.00000
2.30	0.99982	0.46	0.98767	1.00000	1.00000	1.00000	1.00000
2.35	0.99982	0.47	0.98901	1.00000	1.00000	1.00000	1.00000
2.40	0.99982	0.48	0.99030	1.00000	1.00000	1.00000	1.00000
2.45	0.99988	0.49	0.99127	1.00000	1.00000	1.00000	1.00000
2.50	0.99988	0.50	0.99176	1.00000	1.00000	1.00000	1.00000
2.55	0.99988	0.51	0.99255	1.00000	1.00000	1.00000	1.00000
2.60	0.99988	0.52	0.99341	1.00000	1.00000	1.00000	1.00000
2.65	0.99988	0.53	0.99414	1.00000	1.00000	1.00000	1.00000
2.70	0.99994	0.54	0.99475	1.00000	1.00000	1.00000	1.00000
2.75	0.99994	0.55	0.99536	1.00000	1.00000	1.00000	1.00000
2.80	0.99994	0.56	0.99591	1.00000	1.00000	1.00000	1.00000
2.85	0.99994	0.57	0.99640	1.00000	1.00000	1.00000	1.00000
2.90	0.99994	0.58	0.99658	1.00000	1.00000	1.00000	1.00000
2.95	0.99994	0.59	0.99689	1.00000	1.00000	1.00000	1.00000
3.00	0.99994	0.60	0.99713	1.00000	1.00000	1.00000	1.00000
3.05	0.99994	0.61	0.99744	1.00000	1.00000	1.00000	1.00000
3.10	0.99994	0.62	0.99756	1.00000	1.00000	1.00000	1.00000
3.15	0.99994	0.63	0.99792	1.00000	1.00000	1.00000	1.00000
3.20	0.99994	0.64	0.99817	1.00000	1.00000	1.00000	1.00000
3.25	0.99994	0.65	0.99854	1.00000	1.00000	1.00000	1.00000
3.30	1.00000	0.66	0.99872	1.00000	1.00000	1.00000	1.00000
3.35	1.00000	0.67	0.99890	1.00000	1.00000	1.00000	1.00000
3.40	1.00000	0.68	0.99896	1.00000	1.00000	1.00000	1.00000
3.45	1.00000	0.69	0.99902	1.00000	1.00000	1.00000	1.00000
3.50	1.00000	0.70	0.99908	1.00000	1.00000	1.00000	1.00000
3.55	1.00000	0.71	0.99915	1.00000	1.00000	1.00000	1.00000
3.60	1.00000	0.72	0.99921	1.00000	1.00000	1.00000	1.00000
3.65	1.00000	0.73	0.99933	1.00000	1.00000	1.00000	1.00000
3.70	1.00000	0.74	0.99933	1.00000	1.00000	1.00000	1.00000
3.75	1.00000	0.75	0.99939	1.00000	1.00000	1.00000	1.00000
3.80	1.00000	0.76	0.99939	1.00000	1.00000	1.00000	1.00000
3.85	1.00000	0.77	0.99945	1.00000	1.00000	1.00000	1.00000
3.90	1.00000	0.78	0.99951	1.00000	1.00000	1.00000	1.00000
3.95	1.00000	0.79	0.99963	1.00000	1.00000	1.00000	1.00000
4.00	1.00000	0.80	0.99963	1.00000	1.00000	1.00000	1.00000
4.05	1.00000	0.81	0.99969	1.00000	1.00000	1.00000	1.00000
4.10	1.00000	0.82	0.99976	1.00000	1.00000	1.00000	1.00000
4.15	1.00000	0.83	0.99982	1.00000	1.00000	1.00000	1.00000
4.20	1.00000	0.84	0.99982	1.00000	1.00000	1.00000	1.00000
4.25	1.00000	0.85	0.99988	1.00000	1.00000	1.00000	1.00000
4.30	1.00000	0.86	0.99988	1.00000	1.00000	1.00000	1.00000
4.35	1.00000	0.87	0.99988	1.00000	1.00000	1.00000	1.00000
4.40	1.00000	0.88	0.99988	1.00000	1.00000	1.00000	1.00000
4.45	1.00000	0.89	0.99988	1.00000	1.00000	1.00000	1.00000
4.50	1.00000	0.90	0.99988	1.00000	1.00000	1.00000	1.00000
4.55	1.00000	0.91	0.99988	1.00000	1.00000	1.00000	1.00000
4.60	1.00000	0.92	0.99988	1.00000	1.00000	1.00000	1.00000
4.65	1.00000	0.93	0.99988	1.00000	1.00000	1.00000	1.00000
4.70	1.00000	0.94	0.99988	1.00000	1.00000	1.00000	1.00000
4.75	1.00000	0.95	0.99988	1.00000	1.00000	1.00000	1.00000
4.80	1.00000	0.96	0.99988	1.00000	1.00000	1.00000	1.00000
4.85	1.00000	0.97	0.99988	1.00000	1.00000	1.00000	1.00000
4.90	1.00000	0.98	0.99988	1.00000	1.00000	1.00000	1.00000
4.95	1.00000	0.99	1.00000	1.00000	1.00000	1.00000	1.00000

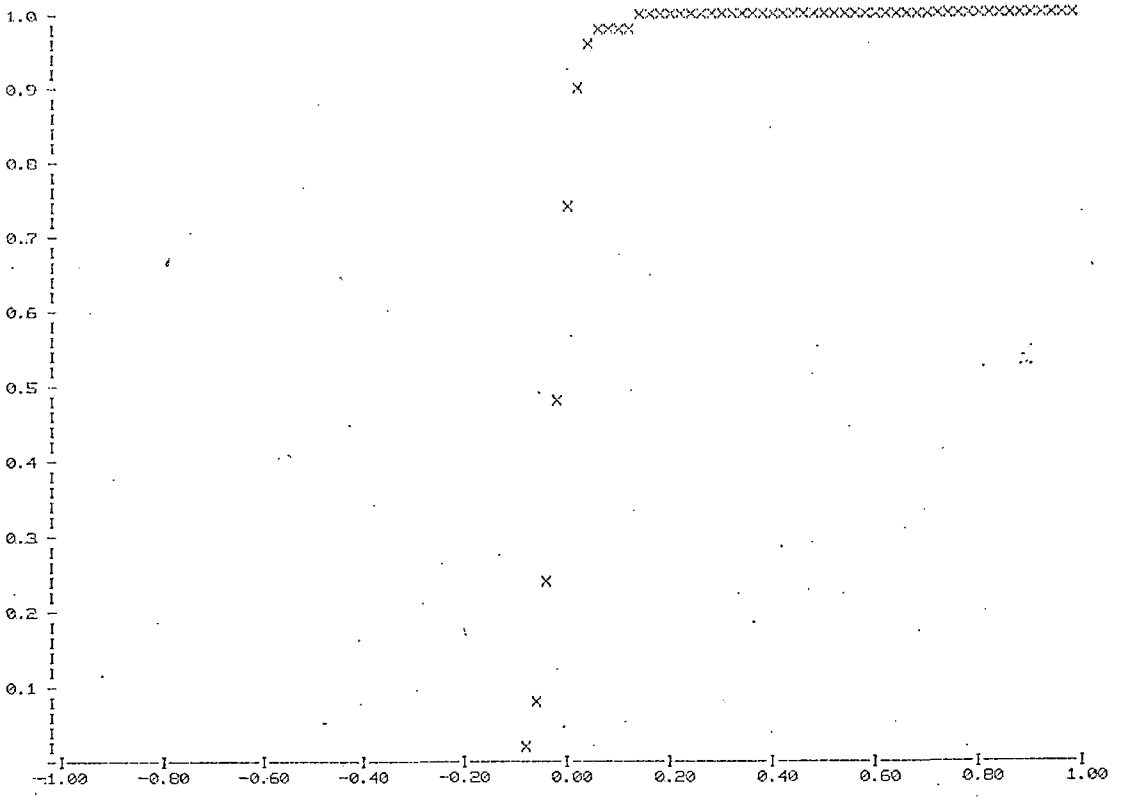
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2483-2610



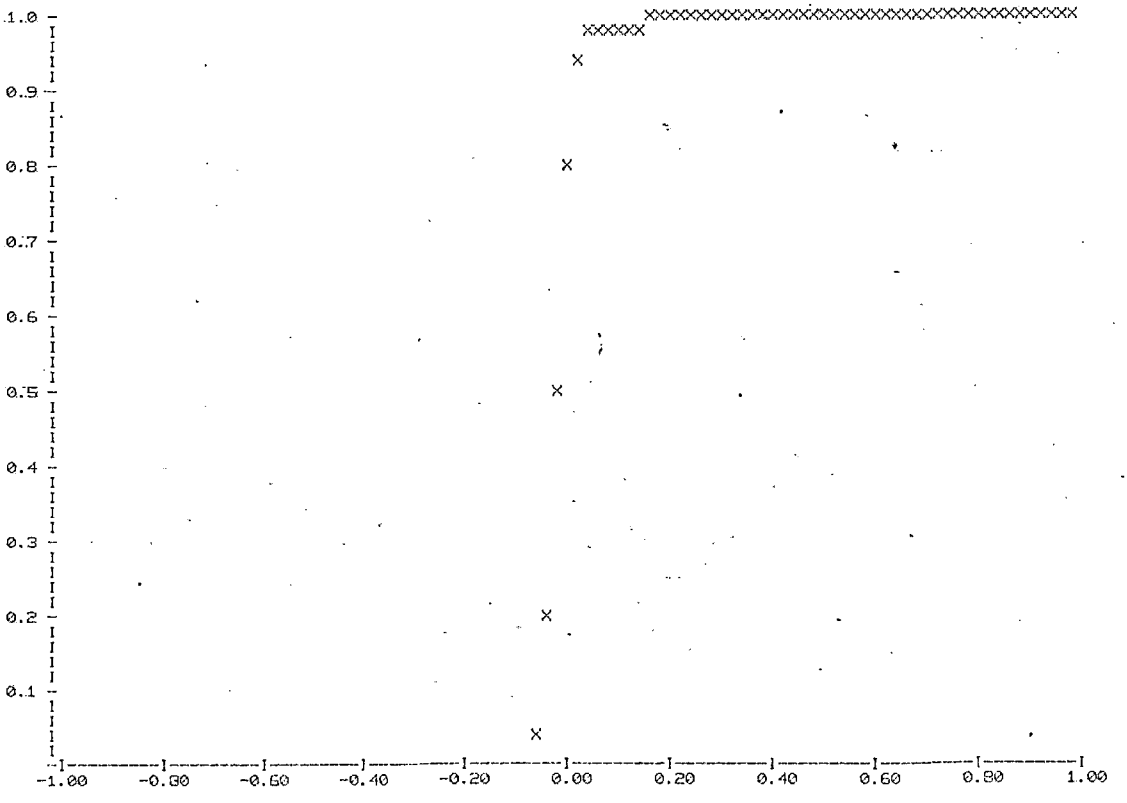


DISTRIBUTION FUNCTION ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2483-2610



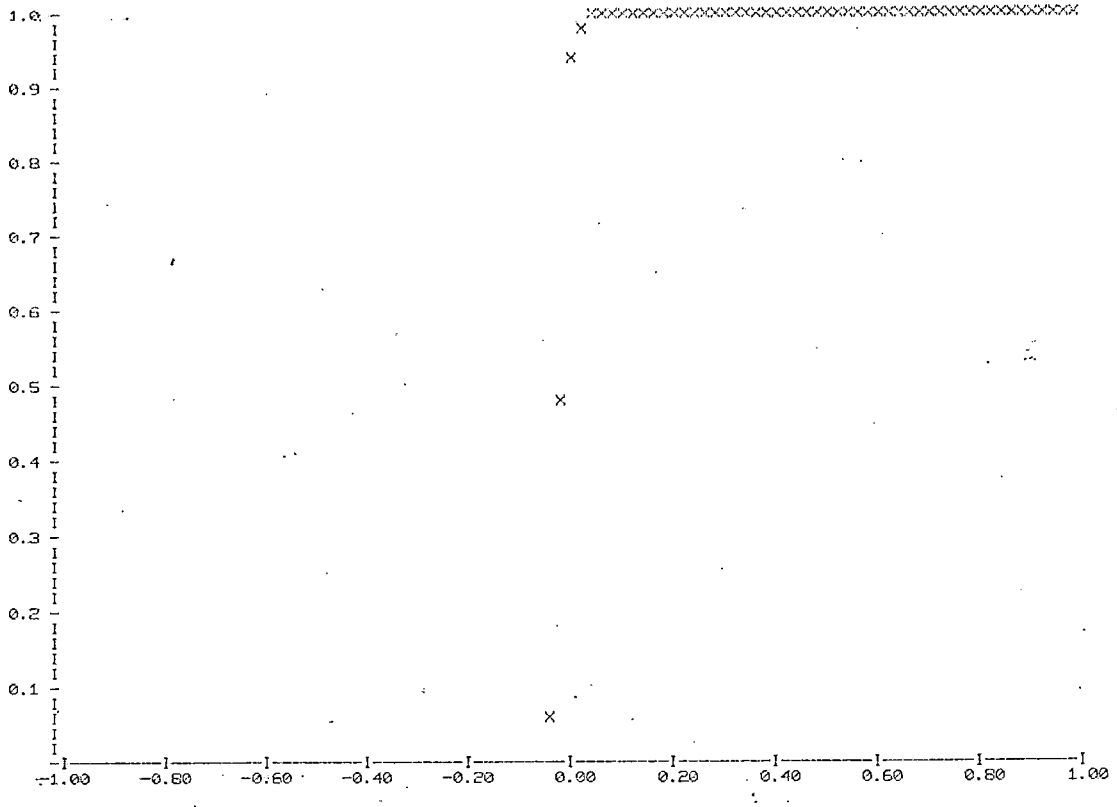
YAW (RAD./SEC./SEC.)



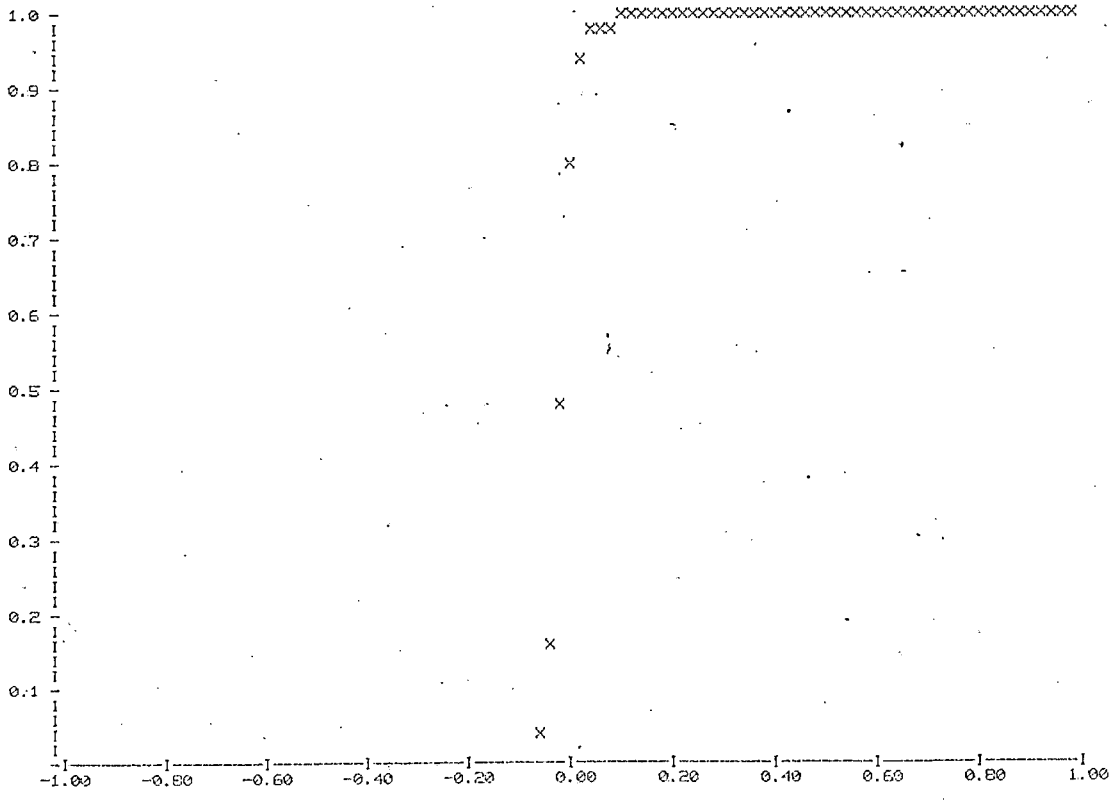
VERT. ACCELERATION (G'S)

DISTRIBUTION FUNCTION ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2483-2610



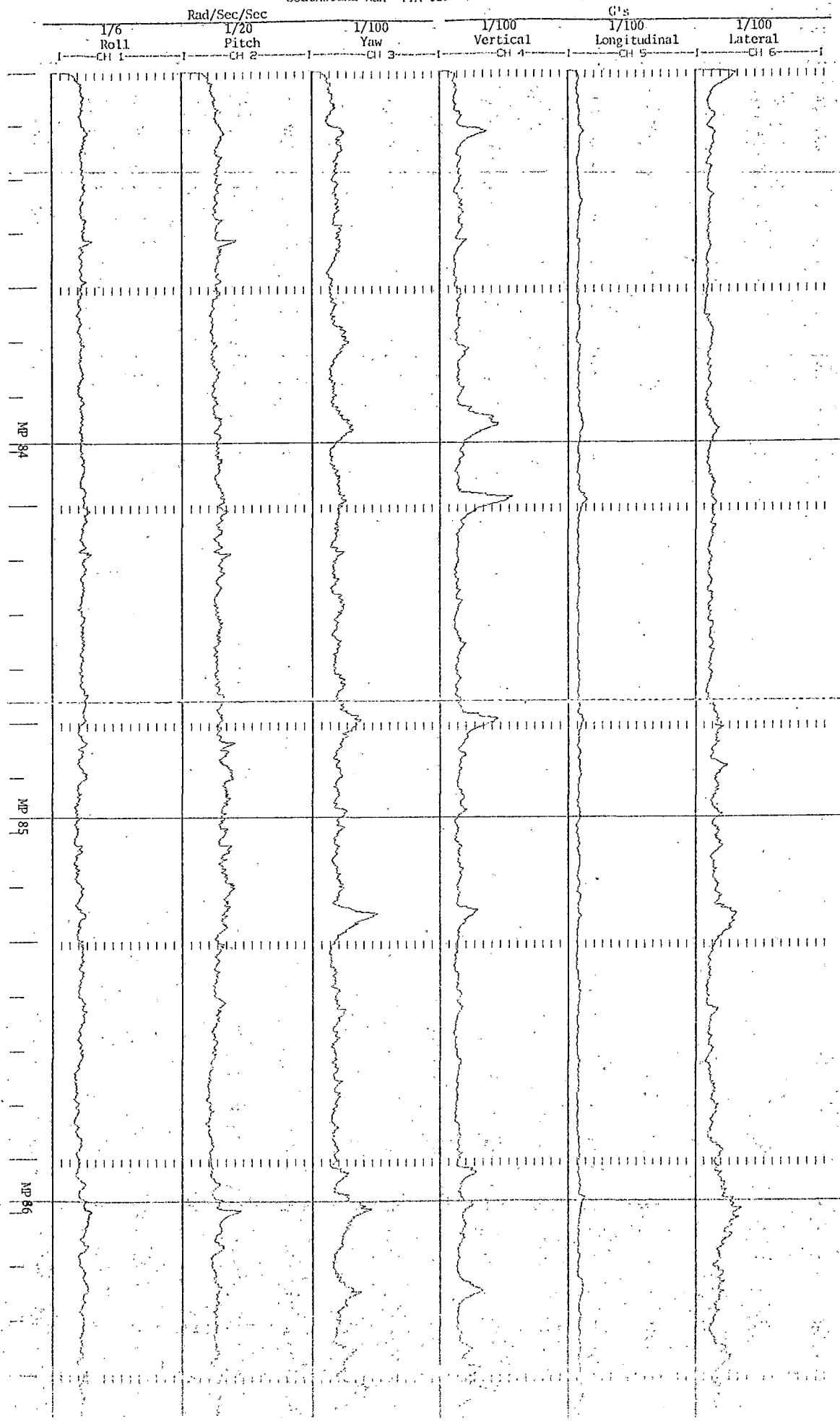
LONG. ACCELERATION (G'S)



LAT.. ACCELERATION (G'S)

RMS ACCELERATION

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2483-2610



ISO Bands - RMS ACCELERATION IN G S

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	0.00000	0.00000	0.00000		LB	0.00132	0.00185	0.00279
1.0 HZ	EV	0.00063	0.00315	0.00305	10.0 HZ	EV	0.00172	0.00331	0.00399
	UB	0.00094	0.00468	0.00438		UB	0.00204	0.00430	0.00491
	LB	0.00000	0.00000	0.00021		LB	0.00182	0.00295	0.00267
1.3 HZ	EV	0.00069	0.00344	0.00208	12.5 HZ	EV	0.00208	0.00355	0.00346
	UB	0.00109	0.00496	0.00293		UB	0.00231	0.00407	0.00410
	LB	0.00000	0.00076	0.00130		LB	0.00237	0.00254	0.00307
1.6 HZ	EV	0.00063	0.00281	0.00248	16.0 HZ	EV	0.00271	0.00326	0.00349
	UB	0.00093	0.00390	0.00326		UB	0.00301	0.00385	0.00387
	LB	0.00000	0.00077	0.00000		LB	0.00115	0.00136	0.00157
2.0 HZ	EV	0.00067	0.00434	0.00454	20.0 HZ	EV	0.00139	0.00166	0.00193
	UB	0.00097	0.00609	0.00794		UB	0.00159	0.00191	0.00224
	LB	0.00037	0.00182	0.00000		LB	0.00154	0.00180	0.00209
2.5 HZ	EV	0.00067	0.00462	0.00639	25.0 HZ	EV	0.00195	0.00200	0.00270
	UB	0.00087	0.00628	0.00999		UB	0.00229	0.00218	0.00319
	LB	0.00045	0.00130	0.00000		LB	0.00250	0.00298	0.00507
3.1 HZ	EV	0.00067	0.00349	0.00671	31.5 HZ	EV	0.00295	0.00335	0.00571
	UB	0.00084	0.00477	0.00998		UB	0.00333	0.00368	0.00628
	LB	0.00066	0.00000	0.00189		LB	0.00253	0.00178	0.00373
4.0 HZ	EV	0.00141	0.00416	0.00572	40.0 HZ	EV	0.00288	0.00196	0.00417
	UB	0.00189	0.00607	0.00787		UB	0.00320	0.00213	0.00457
	LB	0.00174	0.00376	0.00000		LB	0.00390	0.00330	0.00479
5.0 HZ	EV	0.00439	0.00648	0.01335	50.0 HZ	EV	0.00478	0.00378	0.00551
	UB	0.00595	0.00836	0.01933		UB	0.00551	0.00421	0.00615
	LB	0.00255	0.00446	0.00597		LB	0.00376	0.00293	0.00495
6.3 HZ	EV	0.00363	0.00870	0.01182	63.0 HZ	EV	0.00475	0.00324	0.00599
	UB	0.00446	0.01147	0.01562		UB	0.00556	0.00352	0.00687
	LB	0.00274	0.00661	0.00215		LB	0.00255	0.00211	0.00347
8.0 HZ	EV	0.00405	0.01238	0.00418	80.0 HZ	EV	0.00272	0.00230	0.00383
	UB	0.00503	0.01621	0.00551		UB	0.00288	0.00249	0.00416

ISO Bands - RMS ACCELERATION IN M/S2

	LB	0.00000	0.00000	0.00000		LB	0.01297	0.01811	0.02737
1.0 HZ	EV	0.00620	0.03092	0.02989	10.0 HZ	EV	0.01688	0.03248	0.03918
	UB	0.00917	0.04589	0.04298		UB	0.02005	0.04222	0.04817
	LB	0.00000	0.00000	0.00210		LB	0.01787	0.02888	0.02620
1.3 HZ	EV	0.00681	0.03374	0.02036	12.5 HZ	EV	0.02043	0.03482	0.03392
	UB	0.01066	0.04867	0.02872		UB	0.02270	0.03989	0.04019
	LB	0.00000	0.00748	0.01271		LB	0.02326	0.02495	0.03015
1.6 HZ	EV	0.00621	0.02758	0.02433	16.0 HZ	EV	0.02657	0.03199	0.03425
	UB	0.00909	0.03828	0.03198		UB	0.02951	0.03774	0.03791
	LB	0.00000	0.00753	0.00000		LB	0.01129	0.01336	0.01536
2.0 HZ	EV	0.00658	0.04253	0.04454	20.0 HZ	EV	0.01364	0.01629	0.01893
	UB	0.00954	0.05968	0.07786		UB	0.01564	0.01876	0.02192
	LB	0.00363	0.01787	0.00000		LB	0.01514	0.01765	0.02050
2.5 HZ	EV	0.00659	0.04532	0.06266	25.0 HZ	EV	0.01914	0.01961	0.02643
	UB	0.00858	0.06156	0.09797		UB	0.02243	0.02140	0.03126
	LB	0.00441	0.01275	0.00000		LB	0.02453	0.02924	0.04977
3.1 HZ	EV	0.00658	0.03426	0.06581	31.5 HZ	EV	0.02889	0.03285	0.05599
	UB	0.00820	0.04675	0.09784		UB	0.03267	0.03609	0.06159
	LB	0.00643	0.00000	0.01854		LB	0.02479	0.01749	0.03655
4.0 HZ	EV	0.01384	0.04076	0.05618	40.0 HZ	EV	0.02828	0.01924	0.04087
	UB	0.01849	0.05956	0.07718		UB	0.03138	0.02084	0.04479
	LB	0.01709	0.03685	0.00000		LB	0.03829	0.03236	0.04694
5.0 HZ	EV	0.04301	0.06353	0.13090	50.0 HZ	EV	0.04683	0.03709	0.05403
	UB	0.05838	0.08194	0.18952		UB	0.05403	0.04127	0.06029
	LB	0.02496	0.04371	0.05852		LB	0.03691	0.02870	0.04850
6.3 HZ	EV	0.03560	0.08531	0.11596	63.0 HZ	EV	0.04653	0.03172	0.05870
	UB	0.04372	0.11245	0.15319		UB	0.05448	0.03448	0.06738
	LB	0.02684	0.06482	0.02105		LB	0.02504	0.02067	0.03405
8.0 HZ	EV	0.03971	0.12141	0.04101	80.0 HZ	EV	0.02671	0.02260	0.03756
	UB	0.04933	0.15899	0.05405		UB	0.02828	0.02438	0.04076

Southbound Run TTA 023 Car 850 RECS: 2482-2609

TIME LIMITS

EXPOSURE LIMITS

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.0 HZ	EV	24.00000	24.00000	24.00000	10.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.3 HZ	EV	24.00000	24.00000	24.00000	12.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.6 HZ	EV	24.00000	24.00000	24.00000	16.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.0 HZ	EV	24.00000	24.00000	24.00000	20.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.5 HZ	EV	24.00000	24.00000	24.00000	25.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
3.1 HZ	EV	24.00000	24.00000	24.00000	31.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
4.0 HZ	EV	24.00000	24.00000	24.00000	40.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
5.0 HZ	EV	24.00000	24.00000	24.00000	50.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
6.3 HZ	EV	24.00000	24.00000	24.00000	63.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
8.0 HZ	EV	24.00000	24.00000	24.00000	80.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000

EXPOSURE LIMITS

	LONGITUDINAL	LATERAL	VERTICAL
EXPOSURE TIME (HRS):	24.00000	24.00000	24.00000
Center Freq (Hz):	1	1	1

FATIGUE LIMITS

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.0 HZ	EV	24.00000	24.00000	24.00000	10.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.3 HZ	EV	24.00000	24.00000	24.00000	12.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.6 HZ	EV	24.00000	24.00000	24.00000	16.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.0 HZ	EV	24.00000	24.00000	24.00000	20.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.5 HZ	EV	24.00000	24.00000	24.00000	25.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
3.1 HZ	EV	24.00000	24.00000	24.00000	31.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
4.0 HZ	EV	24.00000	24.00000	24.00000	40.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
5.0 HZ	EV	24.00000	24.00000	20.60986	50.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	13.20719		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
6.3 HZ	EV	24.00000	24.00000	23.81234	63.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	17.07347		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
8.0 HZ	EV	24.00000	24.00000	24.00000	80.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000

FATIGUE LIMITS

	LONGITUDINAL	LATERAL	VERTICAL
EXPOSURE TIME (HRS):	24.00000	24.00000	20.60986
Center Freq (Hz):	1	1	5

REDUCED COMFORT

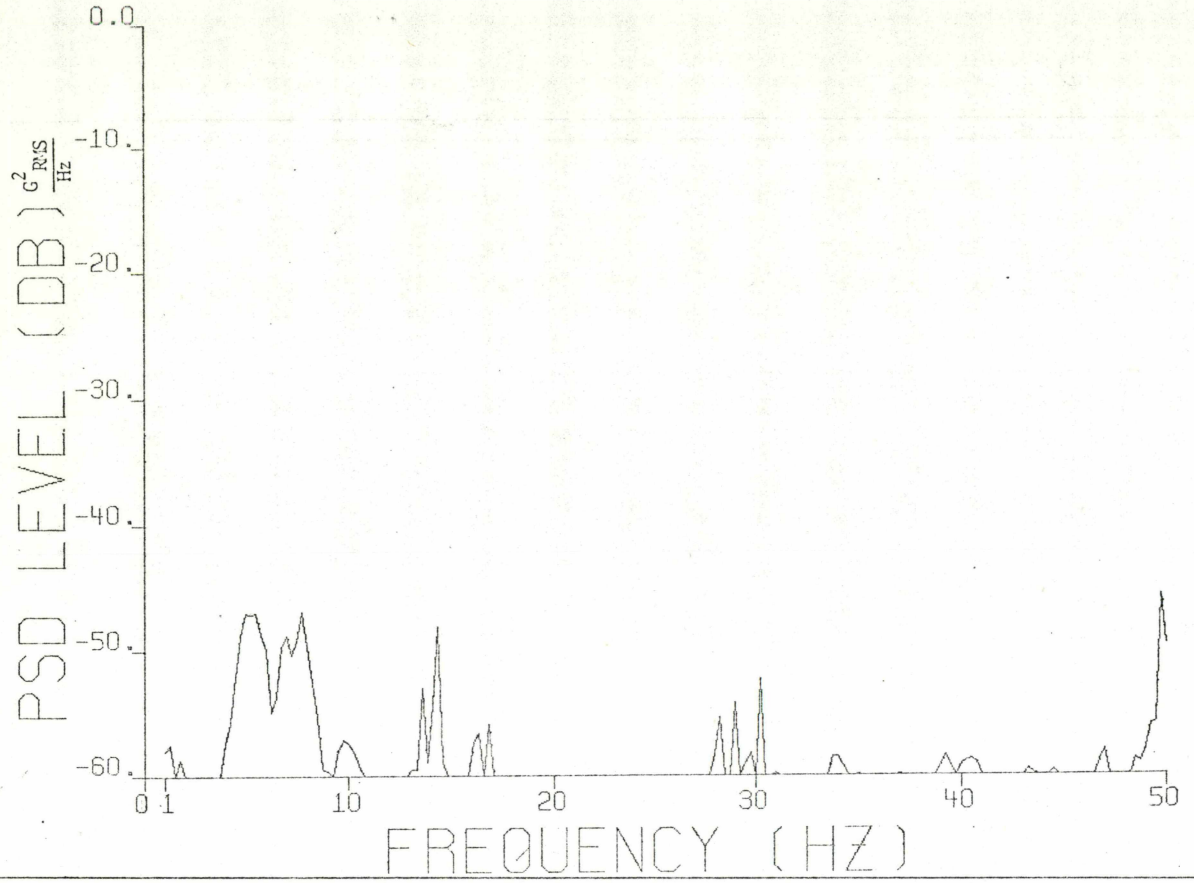
CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
1.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	14.37703	24.00000
1.3 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	21.74836	24.00000
	UB	24.00000	13.27223	24.00000
1.6 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	18.35681	24.00000
2.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	15.92991	24.00000
	UB	24.00000	10.04987	14.54576
2.5 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	19.93478	16.44975
	UB	24.00000	13.19097	9.55207
3.1 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	13.49277
	UB	24.00000	24.00000	8.29626
4.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	14.23120
	UB	24.00000	24.00000	9.64954
5.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	4.95364
	UB	24.00000	22.75039	3.01531
6.3 HZ	LB	24.00000	24.00000	13.53095
	EV	24.00000	24.00000	5.79219
	UB	24.00000	20.26878	4.02767
8.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	20.74332
	UB	24.00000	17.34140	14.89626
10.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	22.53066
12.5 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000
16.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000
20.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000
25.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000
31.5 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000
40.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000
50.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000
63.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000
80.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000

REDUCED COMFORT

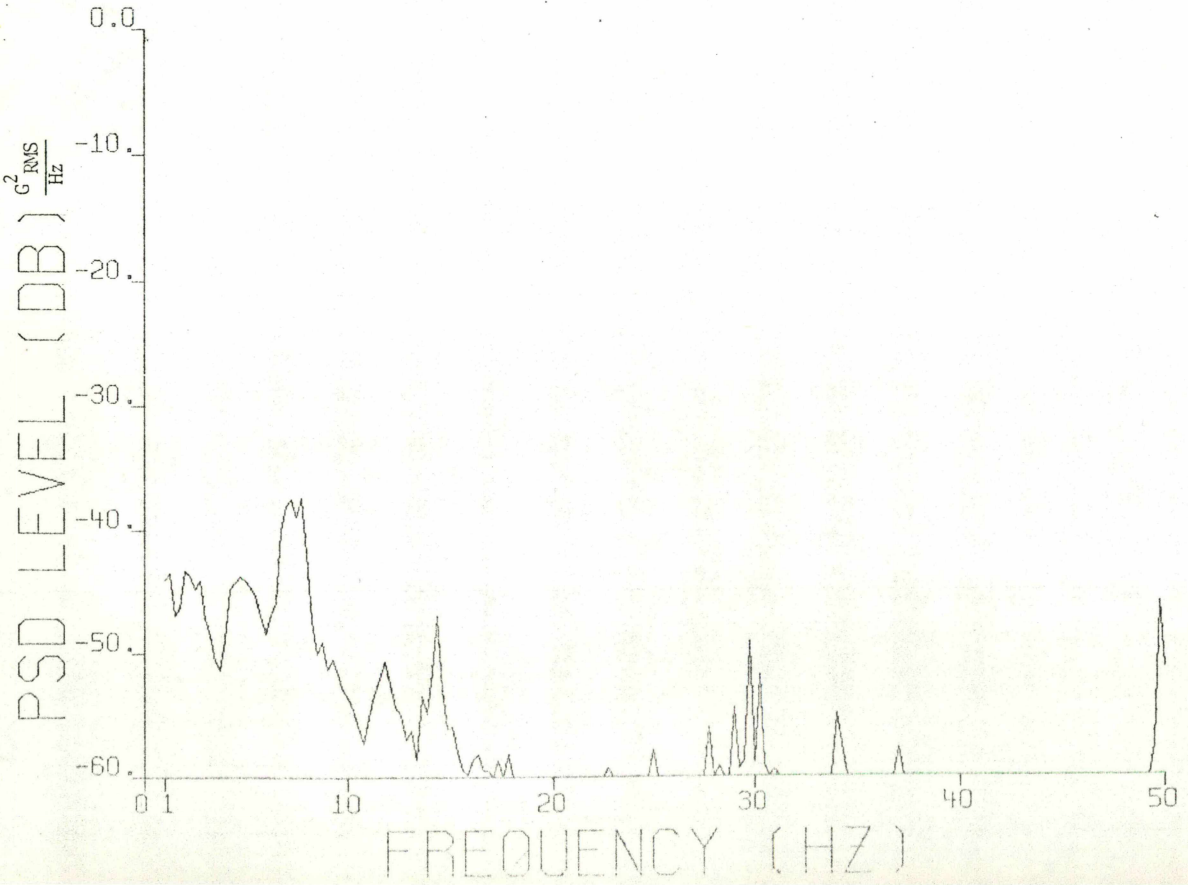
	LONGITUDINAL	LATERAL	VERTICAL
EXPOSURE TIME (HRS):	24.00000	15.92991	4.95364
Center Freq (Hz):	1	2	5

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2482-2609

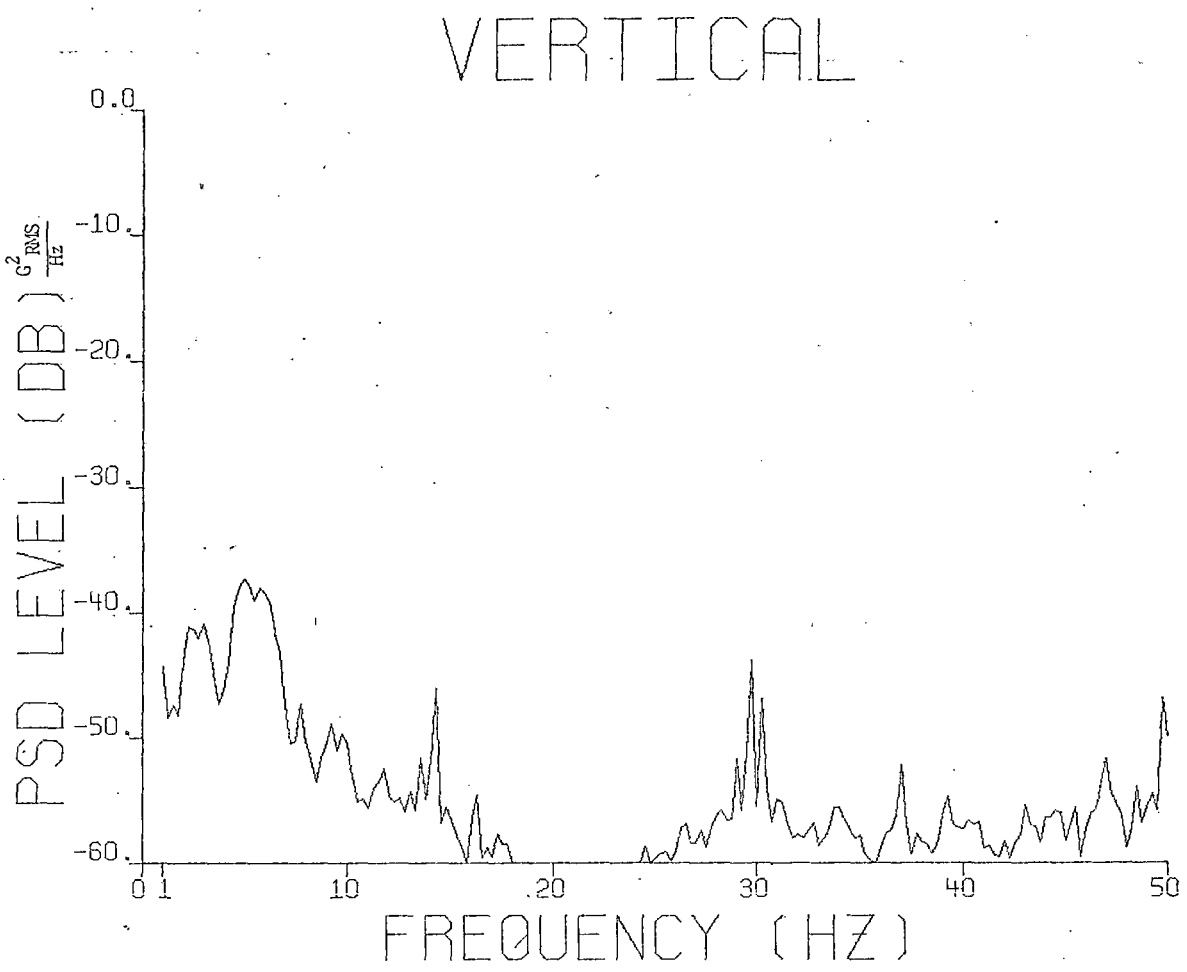
LONGITUDINAL



LATERAL



Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TTA 023 Car 850 RECS: 2482-2609



HISTOGRAM SUMMARY

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335

VOLTAGE	ROLL	PITCH	YAW	VERTICAL	LONGITUDINAL	LATERAL
-10.0	0.	0.	0.	0.	0.	0.
-9.9	0.	1.	0.	0.	0.	0.
-9.8	0.	0.	0.	0.	0.	0.
-9.7	0.	0.	0.	0.	0.	0.
-9.6	0.	0.	0.	0.	0.	0.
-9.5	0.	0.	0.	0.	0.	0.
-9.4	0.	0.	0.	0.	0.	0.
-9.3	0.	0.	0.	0.	0.	0.
-9.2	0.	0.	0.	0.	0.	0.
-9.1	0.	0.	0.	0.	0.	0.
-9.0	0.	0.	0.	0.	0.	0.
-8.9	0.	0.	0.	0.	0.	0.
-8.8	0.	1.	0.	0.	0.	0.
-8.7	0.	0.	0.	0.	0.	0.
-8.6	0.	0.	0.	0.	0.	0.
-8.5	0.	1.	0.	0.	0.	0.
-8.4	0.	0.	0.	0.	0.	0.
-8.3	0.	0.	0.	0.	0.	0.
-8.2	0.	0.	0.	0.	0.	0.
-8.1	0.	0.	0.	0.	0.	0.
-8.0	0.	0.	0.	0.	0.	0.
-7.9	0.	0.	0.	0.	0.	0.
-7.8	0.	0.	0.	0.	0.	0.
-7.7	0.	0.	0.	0.	0.	0.
-7.6	0.	0.	0.	0.	0.	0.
-7.5	0.	0.	0.	0.	0.	0.
-7.4	0.	0.	0.	0.	0.	0.
-7.3	0.	0.	0.	0.	0.	0.
-7.2	0.	0.	0.	0.	0.	0.
-7.1	0.	0.	0.	0.	0.	0.
-7.0	0.	2.	0.	0.	0.	0.
-6.9	0.	1.	0.	0.	0.	0.
-6.8	0.	2.	0.	0.	0.	0.
-6.7	1.	3.	0.	0.	0.	0.
-6.6	0.	4.	0.	0.	0.	0.
-6.5	0.	1.	0.	0.	0.	0.
-6.4	0.	0.	0.	0.	0.	0.
-6.3	0.	0.	0.	0.	0.	0.
-6.2	0.	2.	0.	0.	0.	0.
-6.1	0.	2.	0.	0.	0.	0.
-6.0	0.	3.	0.	0.	0.	0.
-5.9	0.	3.	0.	0.	0.	0.
-5.8	0.	5.	0.	0.	0.	0.
-5.7	0.	6.	0.	0.	0.	0.
-5.6	0.	6.	0.	0.	0.	0.
-5.5	0.	3.	0.	0.	0.	0.
-5.4	0.	1.	0.	0.	0.	0.
-5.3	0.	6.	0.	0.	0.	0.
-5.2	0.	7.	0.	0.	0.	0.
-5.1	0.	9.	0.	0.	0.	0.
-5.0	0.	9.	0.	0.	0.	0.
-4.9	0.	15.	0.	0.	0.	0.
-4.8	0.	17.	0.	0.	0.	0.
-4.7	0.	17.	0.	0.	0.	0.
-4.6	1.	26.	0.	0.	0.	0.
-4.5	0.	24.	0.	0.	0.	0.
-4.4	0.	27.	0.	0.	0.	0.
-4.3	0.	24.	0.	0.	0.	0.
-4.2	1.	30.	0.	0.	0.	0.
-4.1	0.	35.	0.	0.	0.	0.
-4.0	3.	38.	0.	0.	0.	0.
-3.9	0.	59.	0.	0.	0.	0.
-3.8	1.	45.	0.	0.	0.	0.
-3.7	3.	68.	0.	0.	0.	0.
-3.6	1.	68.	0.	0.	0.	0.
-3.5	4.	96.	0.	0.	0.	0.
-3.4	3.	81.	0.	0.	0.	0.
-3.3	2.	90.	0.	0.	0.	0.
-3.2	8.	117.	0.	0.	0.	0.
-3.1	10.	114.	0.	0.	0.	0.
-3.0	13.	123.	0.	0.	0.	0.
-2.9	20.	141.	0.	0.	0.	0.
-2.8	25.	159.	0.	0.	0.	0.
-2.7	29.	155.	0.	0.	0.	0.
-2.6	48.	173.	0.	0.	0.	0.
-2.5	44.	164.	0.	0.	0.	0.
-2.4	76.	191.	0.	0.	0.	0.
-2.3	72.	191.	0.	0.	0.	0.
-2.2	86.	210.	0.	0.	0.	0.
-2.1	122.	215.	0.	0.	0.	0.
-2.0	132.	252.	0.	0.	0.	0.
-1.9	149.	234.	0.	0.	0.	0.
-1.8	163.	210.	1.	1.	0.	0.
-1.7	222.	245.	3.	1.	0.	0.
-1.6	249.	259.	0.	3.	0.	0.
-1.5	290.	250.	7.	10.	0.	0.
-1.4	294.	275.	9.	9.	0.	0.
-1.3	367.	288.	14.	12.	0.	0.
-1.2	385.	305.	13.	11.	0.	0.
-1.1	401.	262.	32.	20.	0.	0.
-1.0	426.	282.	59.	34.	0.	2.
-0.9	448.	293.	102.	55.	0.	8.
-0.8	493.	321.	168.	77.	0.	27.
-0.7	547.	323.	266.	164.	3.	72.
-0.6	520.	328.	510.	305.	12.	192.
-0.5	568.	280.	769.	571.	42.	416.
-0.4	518.	314.	1101.	1017.	197.	863.
-0.3	555.	299.	1476.	1513.	901.	1572.
-0.2	563.	299.	1828.	2050.	2644.	2318.
-0.1	580.	315.	2028.	2430.	4393.	2795.

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335

VOLTAGE	ROLL	PITCH	YAW	VERTICAL	LONGITUDINAL	LATERAL
0.0	588.	284.	2012.	2544.	4701.	2765.
0.1	492.	310.	1801.	2060.	2691.	2331.
0.2	552.	300.	1420.	1535.	820.	1648.
0.3	531.	328.	1027.	983.	182.	852.
0.4	512.	308.	747.	527.	45.	436.
0.5	529.	318.	507.	292.	7.	198.
0.6	471.	289.	250.	147.	1.	86.
0.7	460.	243.	177.	102.	1.	29.
0.8	436.	279.	130.	55.	0.	9.
0.9	378.	272.	92.	33.	0.	5.
1.0	355.	289.	54.	27.	0.	6.
1.1	393.	269.	23.	16.	0.	4.
1.2	339.	285.	4.	3.	0.	1.
1.3	274.	243.	4.	10.	0.	2.
1.4	263.	285.	4.	8.	0.	2.
1.5	236.	211.	2.	6.	0.	1.
1.6	220.	263.	0.	0.	0.	0.
1.7	197.	219.	0.	3.	0.	0.
1.8	164.	243.	0.	3.	0.	0.
1.9	144.	213.	0.	2.	0.	0.
2.0	137.	218.	0.	0.	0.	0.
2.1	111.	188.	0.	1.	0.	0.
2.2	90.	182.	0.	0.	0.	0.
2.3	76.	177.	0.	0.	0.	0.
2.4	61.	161.	0.	0.	0.	0.
2.5	43.	158.	0.	0.	0.	0.
2.6	41.	142.	0.	0.	0.	0.
2.7	28.	151.	0.	0.	0.	0.
2.8	16.	139.	0.	0.	0.	0.
2.9	14.	118.	0.	0.	0.	0.
3.0	16.	116.	0.	0.	0.	0.
3.1	5.	96.	0.	0.	0.	0.
3.2	7.	85.	0.	0.	0.	0.
3.3	5.	81.	0.	0.	0.	0.
3.4	1.	62.	0.	0.	0.	0.
3.5	0.	67.	0.	0.	0.	0.
3.6	1.	62.	0.	0.	0.	0.
3.7	2.	70.	0.	0.	0.	0.
3.8	2.	60.	0.	0.	0.	0.
3.9	2.	48.	0.	0.	0.	0.
4.0	1.	45.	0.	0.	0.	0.
4.1	0.	40.	0.	0.	0.	0.
4.2	1.	27.	0.	0.	0.	0.
4.3	0.	33.	0.	0.	0.	0.
4.4	1.	29.	0.	0.	0.	0.
4.5	0.	17.	0.	0.	0.	0.
4.6	0.	20.	0.	0.	0.	0.
4.7	1.	28.	0.	0.	0.	0.
4.8	0.	21.	0.	0.	0.	0.
4.9	0.	10.	0.	0.	0.	0.
5.0	0.	16.	0.	0.	0.	0.
5.1	0.	9.	0.	0.	0.	0.
5.2	0.	10.	0.	0.	0.	0.
5.3	0.	11.	0.	0.	0.	0.
5.4	0.	4.	0.	0.	0.	0.
5.5	0.	6.	0.	0.	0.	0.
5.6	0.	6.	0.	0.	0.	0.
5.7	0.	2.	0.	0.	0.	0.
5.8	0.	6.	0.	0.	0.	0.
5.9	0.	6.	0.	0.	0.	0.
6.0	0.	5.	0.	0.	0.	0.
6.1	0.	1.	0.	0.	0.	0.
6.2	0.	3.	0.	0.	0.	0.
6.3	0.	4.	0.	0.	0.	0.
6.4	0.	3.	0.	0.	0.	0.
6.5	0.	1.	0.	0.	0.	0.
6.6	0.	0.	0.	0.	0.	0.
6.7	0.	1.	0.	0.	0.	0.
6.8	0.	2.	0.	0.	0.	0.
6.9	0.	0.	0.	0.	0.	0.
7.0	1.	2.	0.	0.	0.	0.
7.1	0.	0.	0.	0.	0.	0.
7.2	0.	0.	0.	0.	0.	0.
7.3	0.	0.	0.	0.	0.	0.
7.4	0.	1.	0.	0.	0.	0.
7.5	0.	1.	0.	0.	0.	0.
7.6	0.	2.	0.	0.	0.	0.
7.7	0.	1.	0.	0.	0.	0.
7.8	0.	0.	0.	0.	0.	0.
7.9	0.	0.	0.	0.	0.	0.
8.0	0.	0.	0.	0.	0.	0.
8.1	0.	2.	0.	0.	0.	0.
8.2	0.	3.	0.	0.	0.	0.
8.3	0.	0.	0.	0.	0.	0.
8.4	0.	0.	0.	0.	0.	0.
8.5	0.	0.	0.	0.	0.	0.
8.6	0.	1.	0.	0.	0.	0.
8.7	0.	0.	0.	0.	0.	0.
8.8	0.	0.	0.	0.	0.	0.
8.9	0.	0.	0.	0.	0.	0.
9.0	0.	0.	0.	0.	0.	0.
9.1	0.	0.	0.	0.	0.	0.
9.2	0.	0.	0.	0.	0.	0.
9.3	0.	0.	0.	0.	0.	0.
9.4	0.	0.	0.	0.	0.	0.
9.5	0.	0.	0.	0.	0.	0.
9.6	0.	0.	0.	0.	0.	0.
9.7	0.	0.	0.	0.	0.	0.
9.8	0.	0.	0.	0.	0.	0.
9.9	0.	4.	0.	0.	0.	0.
ST.DEV:	0.5644 RAD/SEC	0.2025 RAD/SEC	0.0356 RAD/SEC	0.0307 G'S	0.0142 G'S	0.0242 G'S

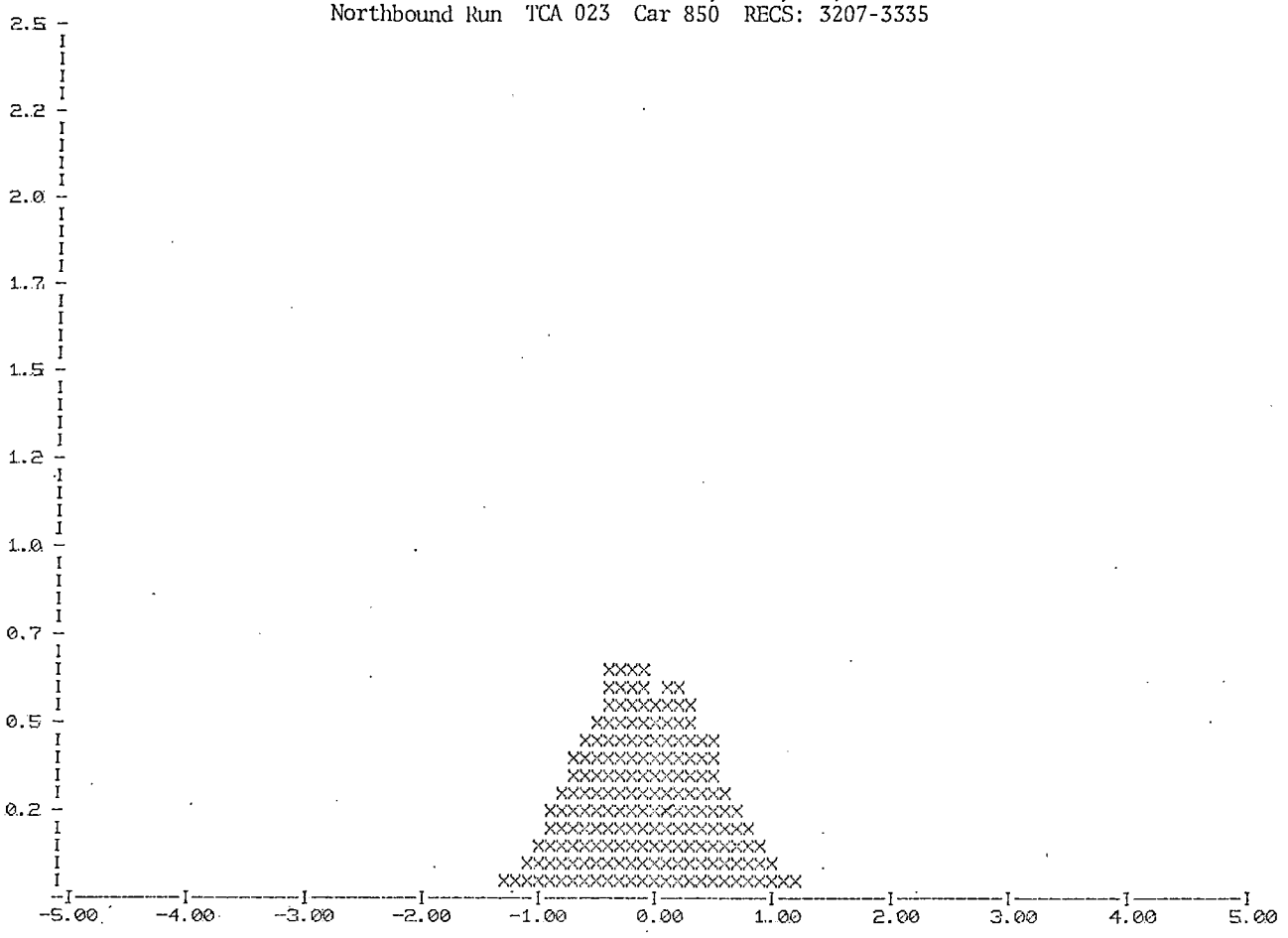
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335

ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT (G's)	LONG. (G's)	LAT. (G's)
-5.00	0.00000	-1.00	0.00000	0.00000	0.00000	0.00000	0.00000
-4.95	0.00000	-0.99	0.00601	0.00000	0.00000	0.00000	0.00000
-4.90	0.00000	-0.98	0.00000	0.00000	0.00000	0.00000	0.00000
-4.85	0.00000	-0.97	0.00000	0.00000	0.00000	0.00000	0.00000
-4.80	0.00000	-0.96	0.00000	0.00000	0.00000	0.00000	0.00000
-4.75	0.00000	-0.95	0.00000	0.00000	0.00000	0.00000	0.00000
-4.70	0.00000	-0.94	0.00000	0.00000	0.00000	0.00000	0.00000
-4.65	0.00000	-0.93	0.00000	0.00000	0.00000	0.00000	0.00000
-4.60	0.00000	-0.92	0.00000	0.00000	0.00000	0.00000	0.00000
-4.55	0.00000	-0.91	0.00000	0.00000	0.00000	0.00000	0.00000
-4.50	0.00000	-0.90	0.00000	0.00000	0.00000	0.00000	0.00000
-4.45	0.00000	-0.89	0.00000	0.00000	0.00000	0.00000	0.00000
-4.40	0.00000	-0.88	0.00601	0.00000	0.00000	0.00000	0.00000
-4.35	0.00000	-0.87	0.00000	0.00000	0.00000	0.00000	0.00000
-4.30	0.00000	-0.86	0.00000	0.00000	0.00000	0.00000	0.00000
-4.25	0.00000	-0.85	0.00601	0.00000	0.00000	0.00000	0.00000
-4.20	0.00000	-0.84	0.00000	0.00000	0.00000	0.00000	0.00000
-4.15	0.00000	-0.83	0.00000	0.00000	0.00000	0.00000	0.00000
-4.10	0.00000	-0.82	0.00000	0.00000	0.00000	0.00000	0.00000
-4.05	0.00000	-0.81	0.00000	0.00000	0.00000	0.00000	0.00000
-4.00	0.00000	-0.80	0.00000	0.00000	0.00000	0.00000	0.00000
-3.95	0.00000	-0.79	0.00000	0.00000	0.00000	0.00000	0.00000
-3.90	0.00000	-0.78	0.00000	0.00000	0.00000	0.00000	0.00000
-3.85	0.00000	-0.77	0.00000	0.00000	0.00000	0.00000	0.00000
-3.80	0.00000	-0.76	0.00000	0.00000	0.00000	0.00000	0.00000
-3.75	0.00000	-0.75	0.00000	0.00000	0.00000	0.00000	0.00000
-3.70	0.00000	-0.74	0.00000	0.00000	0.00000	0.00000	0.00000
-3.65	0.00000	-0.73	0.00000	0.00000	0.00000	0.00000	0.00000
-3.60	0.00000	-0.72	0.00000	0.00000	0.00000	0.00000	0.00000
-3.55	0.00000	-0.71	0.00000	0.00000	0.00000	0.00000	0.00000
-3.50	0.00000	-0.70	0.01202	0.00000	0.00000	0.00000	0.00000
-3.45	0.00000	-0.69	0.00601	0.00000	0.00000	0.00000	0.00000
-3.40	0.00000	-0.68	0.01202	0.00000	0.00000	0.00000	0.00000
-3.35	0.00120	-0.67	0.01803	0.00000	0.00000	0.00000	0.00000
-3.30	0.00000	-0.66	0.02404	0.00000	0.00000	0.00000	0.00000
-3.25	0.00000	-0.65	0.00601	0.00000	0.00000	0.00000	0.00000
-3.20	0.00000	-0.64	0.00000	0.00000	0.00000	0.00000	0.00000
-3.15	0.00000	-0.63	0.00000	0.00000	0.00000	0.00000	0.00000
-3.10	0.00000	-0.62	0.01202	0.00000	0.00000	0.00000	0.00000
-3.05	0.00000	-0.61	0.01202	0.00000	0.00000	0.00000	0.00000
-3.00	0.00000	-0.60	0.01803	0.00000	0.00000	0.00000	0.00000
-2.95	0.00000	-0.59	0.01803	0.00000	0.00000	0.00000	0.00000
-2.90	0.00000	-0.58	0.03005	0.00000	0.00000	0.00000	0.00000
-2.85	0.00000	-0.57	0.03606	0.00000	0.00000	0.00000	0.00000
-2.80	0.00000	-0.56	0.03606	0.00000	0.00000	0.00000	0.00000
-2.75	0.00000	-0.55	0.01803	0.00000	0.00000	0.00000	0.00000
-2.70	0.00000	-0.54	0.00601	0.00000	0.00000	0.00000	0.00000
-2.65	0.00000	-0.53	0.03606	0.00000	0.00000	0.00000	0.00000
-2.60	0.00000	-0.52	0.04207	0.00000	0.00000	0.00000	0.00000
-2.55	0.00000	-0.51	0.05409	0.00000	0.00000	0.00000	0.00000
-2.50	0.00000	-0.50	0.05409	0.00000	0.00000	0.00000	0.00000
-2.45	0.00000	-0.49	0.09014	0.00000	0.00000	0.00000	0.00000
-2.40	0.00000	-0.48	0.10216	0.00000	0.00000	0.00000	0.00000
-2.35	0.00000	-0.47	0.10216	0.00000	0.00000	0.00000	0.00000
-2.30	0.00120	-0.46	0.15625	0.00000	0.00000	0.00000	0.00000
-2.25	0.00000	-0.45	0.14423	0.00000	0.00000	0.00000	0.00000
-2.20	0.00000	-0.44	0.16226	0.00000	0.00000	0.00000	0.00000
-2.15	0.00000	-0.43	0.14423	0.00000	0.00000	0.00000	0.00000
-2.10	0.00120	-0.42	0.18029	0.00000	0.00000	0.00000	0.00000
-2.05	0.00000	-0.41	0.21034	0.00000	0.00000	0.00000	0.00000
-2.00	0.00361	-0.40	0.22837	0.00000	0.00000	0.00000	0.00000
-1.95	0.00000	-0.39	0.35457	0.00000	0.00000	0.00000	0.00000
-1.90	0.00120	-0.38	0.27043	0.00000	0.00000	0.00000	0.00000
-1.85	0.00361	-0.37	0.40865	0.00000	0.00000	0.00000	0.00000
-1.80	0.00120	-0.36	0.40865	0.00000	0.00000	0.00000	0.00000
-1.75	0.00481	-0.35	0.57692	0.00000	0.00000	0.00000	0.00000
-1.70	0.00361	-0.34	0.48678	0.00000	0.00000	0.00000	0.00000
-1.65	0.00240	-0.33	0.54087	0.00000	0.00000	0.00000	0.00000
-1.60	0.00962	-0.32	0.70313	0.00000	0.00000	0.00000	0.00000
-1.55	0.01202	-0.31	0.68510	0.00000	0.00000	0.00000	0.00000
-1.50	0.01563	-0.30	0.73918	0.00000	0.00000	0.00000	0.00000
-1.45	0.02404	-0.29	0.84736	0.00000	0.00000	0.00000	0.00000
-1.40	0.03005	-0.28	0.95553	0.00000	0.00000	0.00000	0.00000
-1.35	0.03486	-0.27	0.93149	0.00000	0.00000	0.00000	0.00000
-1.30	0.05769	-0.26	1.03966	0.00000	0.00000	0.00000	0.00000
-1.25	0.05288	-0.25	0.98558	0.00000	0.00000	0.00000	0.00000
-1.20	0.09135	-0.24	1.14784	0.00000	0.00000	0.00000	0.00000
-1.15	0.08654	-0.23	1.14784	0.00000	0.00000	0.00000	0.00000
-1.10	0.10337	-0.22	1.26202	0.00000	0.00000	0.00000	0.00000
-1.05	0.14663	-0.21	1.29207	0.00000	0.00000	0.00000	0.00000
-1.00	0.15865	-0.20	1.51442	0.00000	0.00000	0.00000	0.00000
-0.95	0.17909	-0.19	1.40625	0.00000	0.00000	0.00000	0.00000
-0.90	0.19591	-0.18	1.26202	0.00601	0.00601	0.00000	0.00000
-0.85	0.26683	-0.17	1.47236	0.01803	0.00601	0.00000	0.00000
-0.80	0.29928	-0.16	1.55649	0.00000	0.01803	0.00000	0.00000
-0.75	0.34856	-0.15	1.50240	0.04207	0.06010	0.00000	0.00000
-0.70	0.35337	-0.14	1.65264	0.05409	0.05409	0.00000	0.00000
-0.65	0.44111	-0.13	1.73077	0.08413	0.07212	0.00000	0.00000
-0.60	0.46274	-0.12	1.83293	0.07813	0.06611	0.00000	0.00000
-0.55	0.48197	-0.11	1.57452	0.19231	0.12019	0.00000	0.00000
-0.50	0.51202	-0.10	1.69471	0.35457	0.20433	0.00000	0.01202
-0.45	0.53846	-0.09	1.76082	0.61298	0.33053	0.00000	0.04808
-0.40	0.59255	-0.08	1.92909	1.00962	0.46274	0.00000	0.16226
-0.35	0.65745	-0.07	1.94111	1.59856	0.98558	0.01803	0.43269
-0.30	0.62500	-0.06	1.97115	3.06490	1.83293	0.07212	1.15385
-0.25	0.68269	-0.05	1.68269	4.62139	3.43149	0.25240	2.50000
-0.20	0.62260	-0.04	1.88702	6.61659	6.11178	1.18389	5.18630
-0.15	0.66707	-0.03	1.79688	8.87019	9.09255	5.41466	9.44712
-0.10	0.67668	-0.02	1.79688	10.9855	12.3197	15.8894	13.9302
-0.05	0.69712	-0.01	1.89303	12.1875	14.6033	26.4002	16.7968

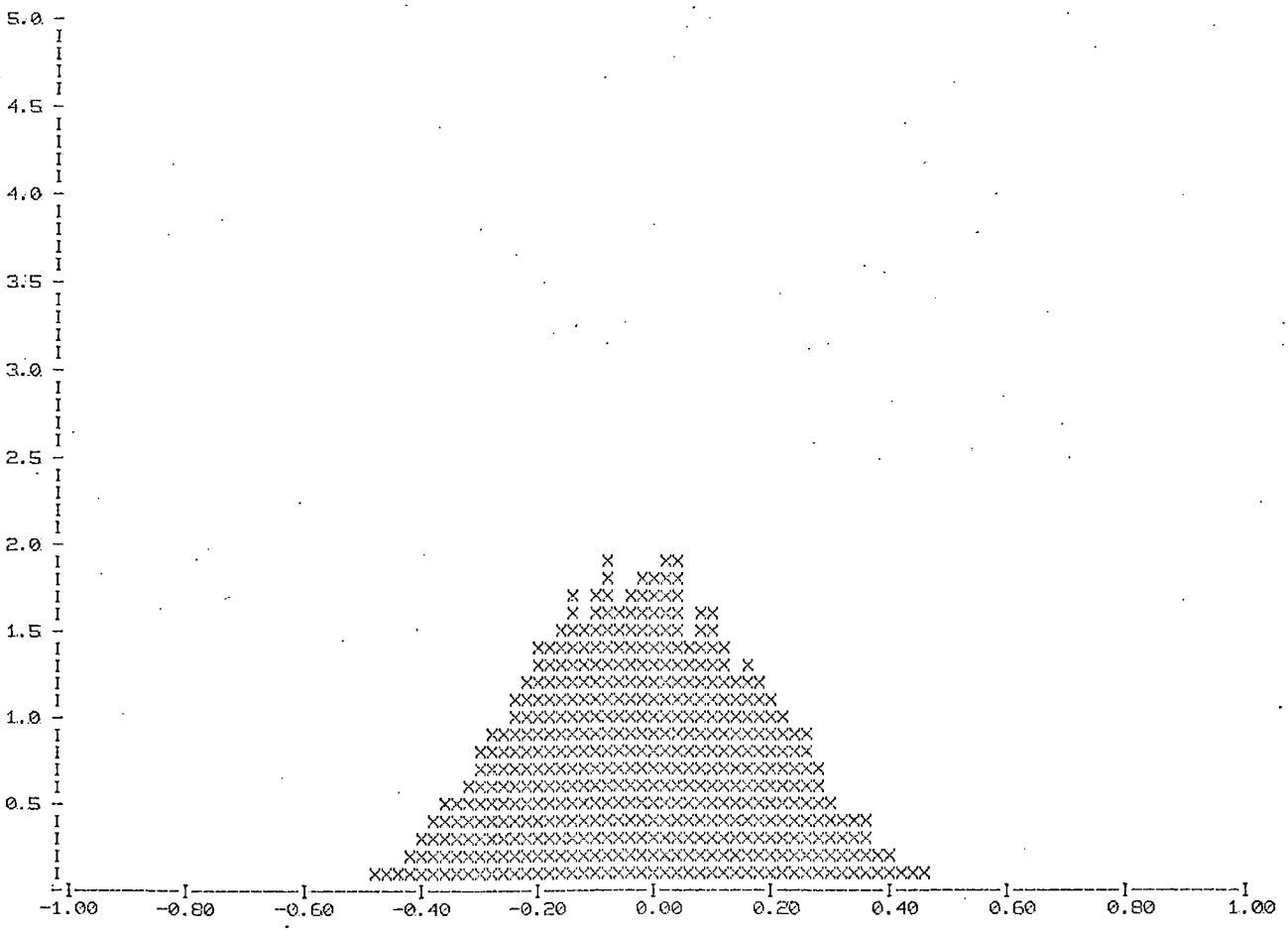
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335

ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT(G's)	LONG.(G's)	LAT.(G's)
0.00	0.70673	0.00	1.70673	12.0913	15.2884	28.2512	16.6165
0.05	0.59135	0.01	1.86298	10.8233	12.3798	16.1718	14.0084
0.10	0.66346	0.02	1.80288	8.53365	9.22476	1.92788	9.90385
0.15	0.63822	0.03	1.97115	6.17188	5.90745	1.09375	5.12019
0.20	0.61538	0.04	1.85096	4.48918	3.16707	0.27043	2.62019
0.25	0.63582	0.05	1.91106	3.04688	1.75481	0.04207	1.18990
0.30	0.56611	0.06	1.73678	1.50240	0.88341	0.00601	0.51683
0.35	0.55288	0.07	1.46034	1.06370	0.61298	0.00601	0.17428
0.40	0.52404	0.08	1.67668	0.78125	0.33053	0.00000	0.05409
0.45	0.45433	0.09	1.63462	0.55288	0.19832	0.00000	0.03005
0.50	0.42668	0.10	1.73678	0.32452	0.16226	0.00000	0.03606
0.55	0.47236	0.11	1.61659	0.13822	0.09615	0.00000	0.02404
0.60	0.40745	0.12	1.71274	0.02404	0.01803	0.00000	0.00601
0.65	0.32933	0.13	1.46034	0.02404	0.06010	0.00000	0.01202
0.70	0.31611	0.14	1.71274	0.02404	0.04808	0.00000	0.01202
0.75	0.28365	0.15	1.26803	0.01202	0.03606	0.00000	0.00601
0.80	0.26442	0.16	1.58053	0.00000	0.00000	0.00000	0.00000
0.85	0.23678	0.17	1.31611	0.00000	0.01803	0.00000	0.00000
0.90	0.19712	0.18	1.46034	0.00000	0.01803	0.00000	0.00000
0.95	0.17308	0.19	1.28005	0.00000	0.01202	0.00000	0.00000
1.00	0.16466	0.20	1.31010	0.00000	0.00000	0.00000	0.00000
1.05	0.13341	0.21	1.12981	0.00000	0.00601	0.00000	0.00000
1.10	0.10817	0.22	1.09375	0.00000	0.00000	0.00000	0.00000
1.15	0.09135	0.23	1.06370	0.00000	0.00000	0.00000	0.00000
1.20	0.07332	0.24	0.96755	0.00000	0.00000	0.00000	0.00000
1.25	0.05168	0.25	0.94952	0.00000	0.00000	0.00000	0.00000
1.30	0.04928	0.26	0.85337	0.00000	0.00000	0.00000	0.00000
1.35	0.03365	0.27	0.90745	0.00000	0.00000	0.00000	0.00000
1.40	0.01923	0.28	0.83534	0.00000	0.00000	0.00000	0.00000
1.45	0.01683	0.29	0.70913	0.00000	0.00000	0.00000	0.00000
1.50	0.01923	0.30	0.69712	0.00000	0.00000	0.00000	0.00000
1.55	0.00601	0.31	0.57692	0.00000	0.00000	0.00000	0.00000
1.60	0.00841	0.32	0.51082	0.00000	0.00000	0.00000	0.00000
1.65	0.00601	0.33	0.48678	0.00000	0.00000	0.00000	0.00000
1.70	0.00120	0.34	0.37260	0.00000	0.00000	0.00000	0.00000
1.75	0.00000	0.35	0.40264	0.00000	0.00000	0.00000	0.00000
1.80	0.00120	0.36	0.37260	0.00000	0.00000	0.00000	0.00000
1.85	0.00240	0.37	0.42067	0.00000	0.00000	0.00000	0.00000
1.90	0.00240	0.38	0.36058	0.00000	0.00000	0.00000	0.00000
1.95	0.00240	0.39	0.28846	0.00000	0.00000	0.00000	0.00000
2.00	0.00120	0.40	0.27043	0.00000	0.00000	0.00000	0.00000
2.05	0.00000	0.41	0.24038	0.00000	0.00000	0.00000	0.00000
2.10	0.00120	0.42	0.16226	0.00000	0.00000	0.00000	0.00000
2.15	0.00000	0.43	0.19832	0.00000	0.00000	0.00000	0.00000
2.20	0.00120	0.44	0.17428	0.00000	0.00000	0.00000	0.00000
2.25	0.00000	0.45	0.10216	0.00000	0.00000	0.00000	0.00000
2.30	0.00000	0.46	0.12019	0.00000	0.00000	0.00000	0.00000
2.35	0.00120	0.47	0.16827	0.00000	0.00000	0.00000	0.00000
2.40	0.00000	0.48	0.12620	0.00000	0.00000	0.00000	0.00000
2.45	0.00000	0.49	0.06010	0.00000	0.00000	0.00000	0.00000
2.50	0.00000	0.50	0.09615	0.00000	0.00000	0.00000	0.00000
2.55	0.00000	0.51	0.05409	0.00000	0.00000	0.00000	0.00000
2.60	0.00000	0.52	0.06010	0.00000	0.00000	0.00000	0.00000
2.65	0.00000	0.53	0.06611	0.00000	0.00000	0.00000	0.00000
2.70	0.00000	0.54	0.02404	0.00000	0.00000	0.00000	0.00000
2.75	0.00000	0.55	0.03606	0.00000	0.00000	0.00000	0.00000
2.80	0.00000	0.56	0.03606	0.00000	0.00000	0.00000	0.00000
2.85	0.00000	0.57	0.01202	0.00000	0.00000	0.00000	0.00000
2.90	0.00000	0.58	0.03606	0.00000	0.00000	0.00000	0.00000
2.95	0.00000	0.59	0.03606	0.00000	0.00000	0.00000	0.00000
3.00	0.00000	0.60	0.03005	0.00000	0.00000	0.00000	0.00000
3.05	0.00000	0.61	0.00601	0.00000	0.00000	0.00000	0.00000
3.10	0.00000	0.62	0.01803	0.00000	0.00000	0.00000	0.00000
3.15	0.00000	0.63	0.02404	0.00000	0.00000	0.00000	0.00000
3.20	0.00000	0.64	0.01803	0.00000	0.00000	0.00000	0.00000
3.25	0.00000	0.65	0.00601	0.00000	0.00000	0.00000	0.00000
3.30	0.00000	0.66	0.00000	0.00000	0.00000	0.00000	0.00000
3.35	0.00000	0.67	0.00601	0.00000	0.00000	0.00000	0.00000
3.40	0.00000	0.68	0.01202	0.00000	0.00000	0.00000	0.00000
3.45	0.00000	0.69	0.00000	0.00000	0.00000	0.00000	0.00000
3.50	0.00120	0.70	0.01202	0.00000	0.00000	0.00000	0.00000
3.55	0.00000	0.71	0.00000	0.00000	0.00000	0.00000	0.00000
3.60	0.00000	0.72	0.00000	0.00000	0.00000	0.00000	0.00000
3.65	0.00000	0.73	0.00000	0.00000	0.00000	0.00000	0.00000
3.70	0.00000	0.74	0.00601	0.00000	0.00000	0.00000	0.00000
3.75	0.00000	0.75	0.00601	0.00000	0.00000	0.00000	0.00000
3.80	0.00000	0.76	0.01202	0.00000	0.00000	0.00000	0.00000
3.85	0.00000	0.77	0.00601	0.00000	0.00000	0.00000	0.00000
3.90	0.00000	0.78	0.00000	0.00000	0.00000	0.00000	0.00000
3.95	0.00000	0.79	0.00000	0.00000	0.00000	0.00000	0.00000
4.00	0.00000	0.80	0.00000	0.00000	0.00000	0.00000	0.00000
4.05	0.00000	0.81	0.01202	0.00000	0.00000	0.00000	0.00000
4.10	0.00000	0.82	0.01803	0.00000	0.00000	0.00000	0.00000
4.15	0.00000	0.83	0.00000	0.00000	0.00000	0.00000	0.00000
4.20	0.00000	0.84	0.00000	0.00000	0.00000	0.00000	0.00000
4.25	0.00000	0.85	0.00000	0.00000	0.00000	0.00000	0.00000
4.30	0.00000	0.86	0.00601	0.00000	0.00000	0.00000	0.00000
4.35	0.00000	0.87	0.00000	0.00000	0.00000	0.00000	0.00000
4.40	0.00000	0.88	0.00000	0.00000	0.00000	0.00000	0.00000
4.45	0.00000	0.89	0.00000	0.00000	0.00000	0.00000	0.00000
4.50	0.00000	0.90	0.00000	0.00000	0.00000	0.00000	0.00000
4.55	0.00000	0.91	0.00000	0.00000	0.00000	0.00000	0.00000
4.60	0.00000	0.92	0.00000	0.00000	0.00000	0.00000	0.00000
4.65	0.00000	0.93	0.00000	0.00000	0.00000	0.00000	0.00000
4.70	0.00000	0.94	0.00000	0.00000	0.00000	0.00000	0.00000
4.75	0.00000	0.95	0.00000	0.00000	0.00000	0.00000	0.00000
4.80	0.00000	0.96	0.00000	0.00000	0.00000	0.00000	0.00000
4.85	0.00000	0.97	0.00000	0.00000	0.00000	0.00000	0.00000
4.90	0.00000	0.98	0.00000	0.00000	0.00000	0.00000	0.00000
4.95	0.00000	0.99	0.02404	0.00000	0.00000	0.00000	0.00000

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335



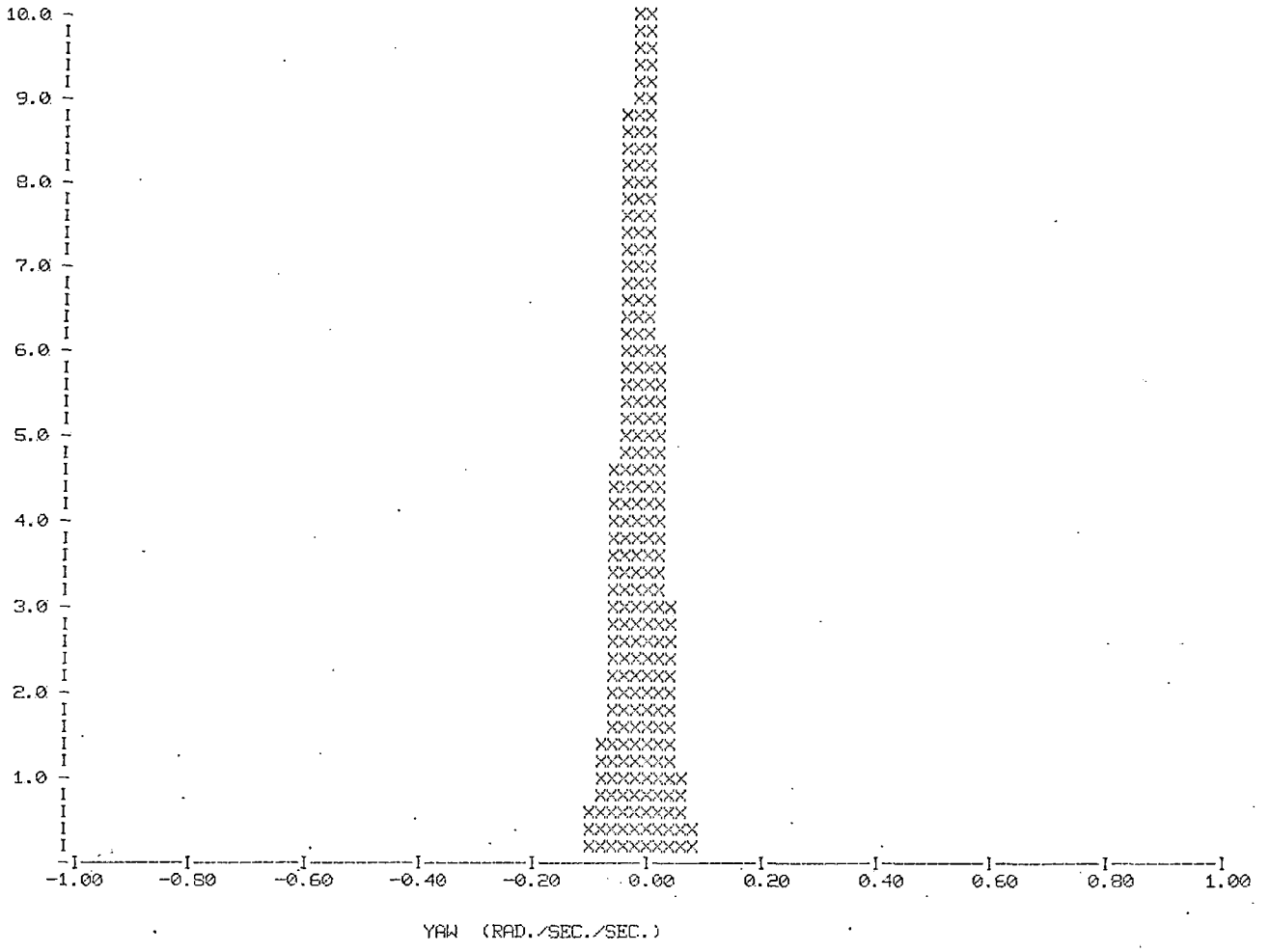
ROLL (RAD./SEC./SEC.)

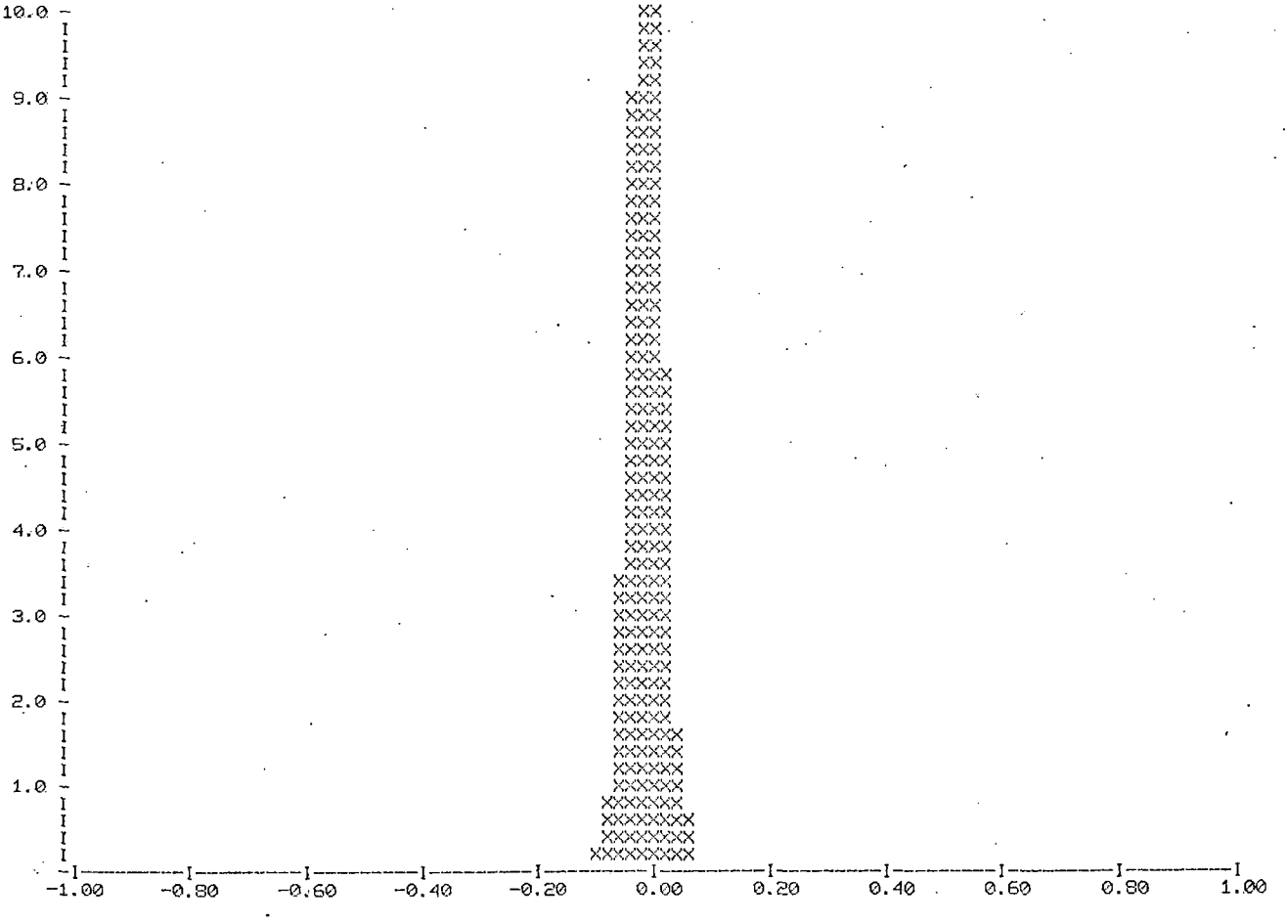


PITCH (RAD./SEC./SEC.)

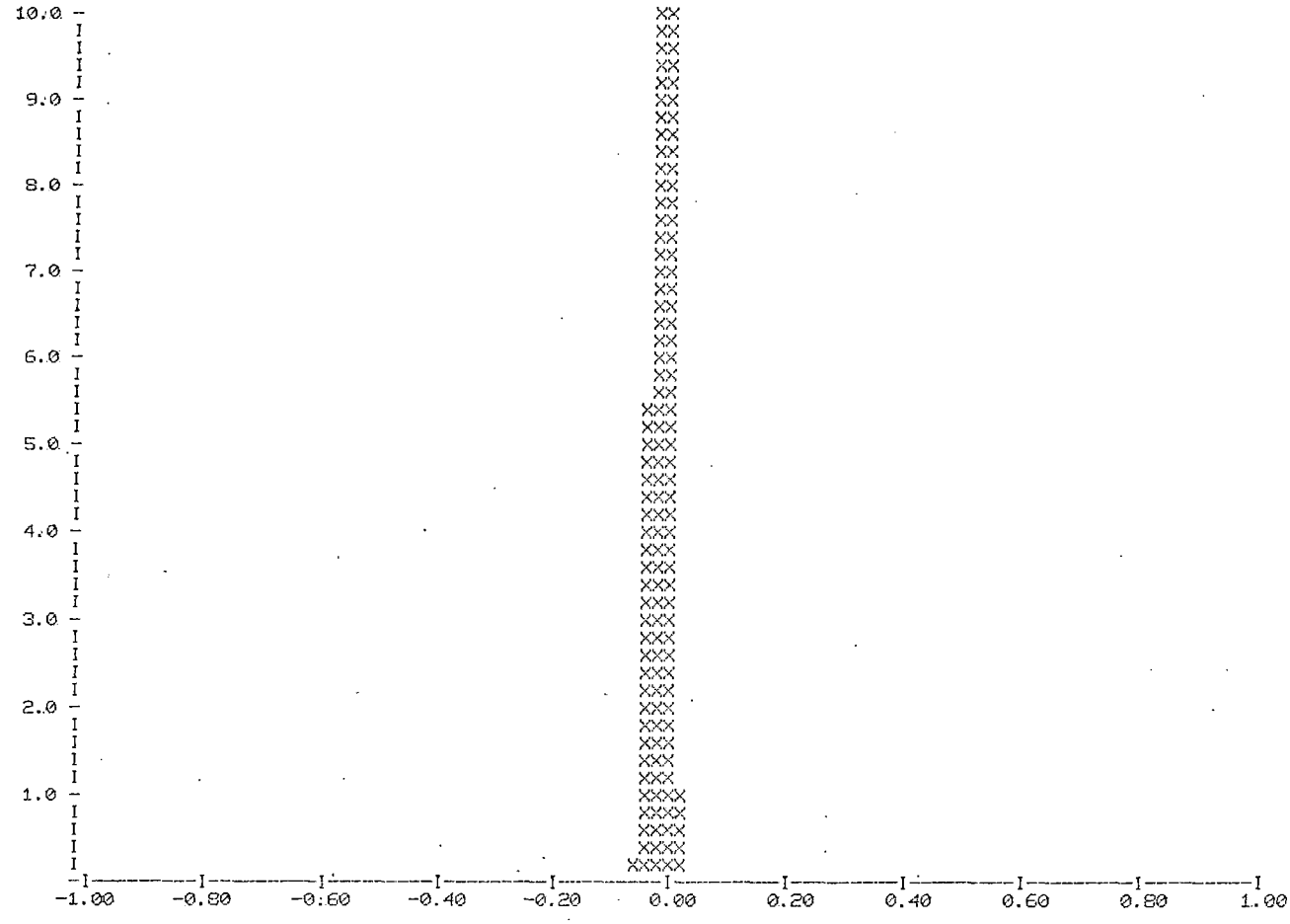
PROBABILITY DENSITY ESTIMATE

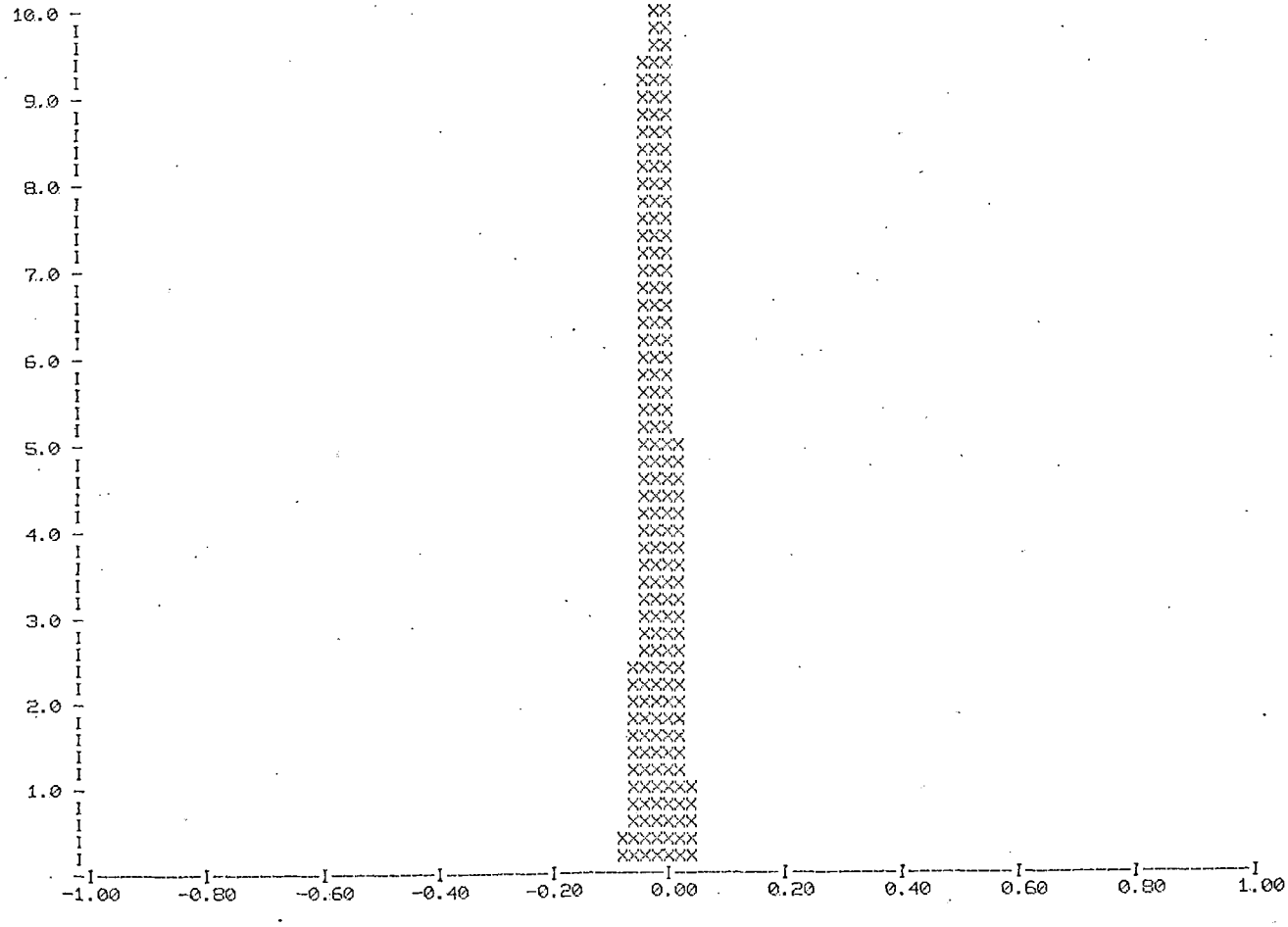
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335





Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335





Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335

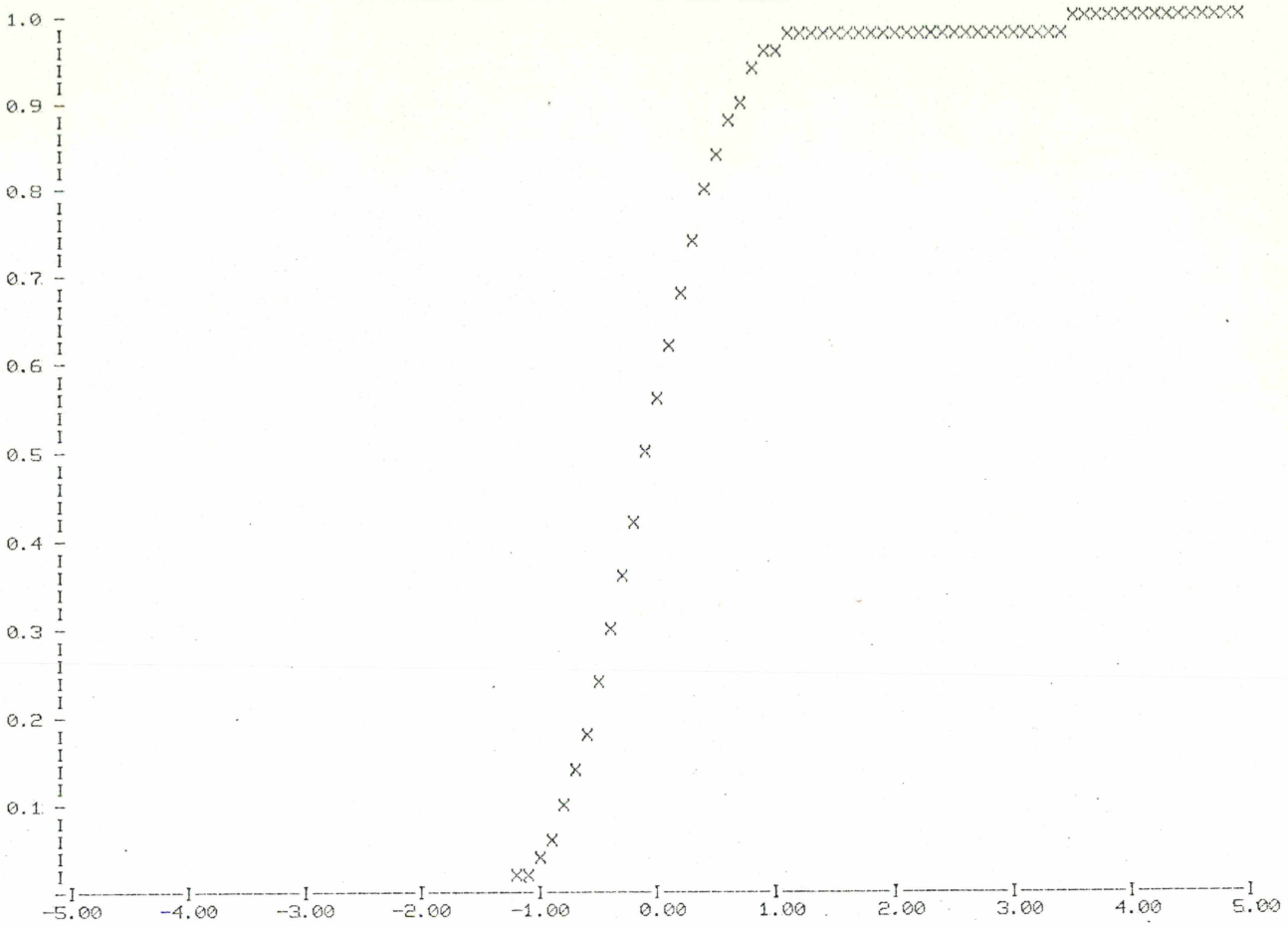
ABSCISSA 1: Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT (G's)	LONG.. (G's)	LAT. (G's)
-5.00	0.00000	-1.00	0.00000	0.00000	0.00000	0.00000	0.00000
-4.95	0.00000	-0.99	0.00006	0.00000	0.00000	0.00000	0.00000
-4.90	0.00000	-0.98	0.00006	0.00000	0.00000	0.00000	0.00000
-4.85	0.00000	-0.97	0.00006	0.00000	0.00000	0.00000	0.00000
-4.80	0.00000	-0.96	0.00006	0.00000	0.00000	0.00000	0.00000
-4.75	0.00000	-0.95	0.00006	0.00000	0.00000	0.00000	0.00000
-4.70	0.00000	-0.94	0.00006	0.00000	0.00000	0.00000	0.00000
-4.65	0.00000	-0.93	0.00006	0.00000	0.00000	0.00000	0.00000
-4.60	0.00000	-0.92	0.00006	0.00000	0.00000	0.00000	0.00000
-4.55	0.00000	-0.91	0.00006	0.00000	0.00000	0.00000	0.00000
-4.50	0.00000	-0.90	0.00006	0.00000	0.00000	0.00000	0.00000
-4.45	0.00000	-0.89	0.00006	0.00000	0.00000	0.00000	0.00000
-4.40	0.00000	-0.88	0.00012	0.00000	0.00000	0.00000	0.00000
-4.35	0.00000	-0.87	0.00012	0.00000	0.00000	0.00000	0.00000
-4.30	0.00000	-0.86	0.00012	0.00000	0.00000	0.00000	0.00000
-4.25	0.00000	-0.85	0.00018	0.00000	0.00000	0.00000	0.00000
-4.20	0.00000	-0.84	0.00018	0.00000	0.00000	0.00000	0.00000
-4.15	0.00000	-0.83	0.00018	0.00000	0.00000	0.00000	0.00000
-4.10	0.00000	-0.82	0.00018	0.00000	0.00000	0.00000	0.00000
-4.05	0.00000	-0.81	0.00018	0.00000	0.00000	0.00000	0.00000
-4.00	0.00000	-0.80	0.00018	0.00000	0.00000	0.00000	0.00000
-3.95	0.00000	-0.79	0.00018	0.00000	0.00000	0.00000	0.00000
-3.90	0.00000	-0.78	0.00018	0.00000	0.00000	0.00000	0.00000
-3.85	0.00000	-0.77	0.00018	0.00000	0.00000	0.00000	0.00000
-3.80	0.00000	-0.76	0.00018	0.00000	0.00000	0.00000	0.00000
-3.75	0.00000	-0.75	0.00018	0.00000	0.00000	0.00000	0.00000
-3.70	0.00000	-0.74	0.00018	0.00000	0.00000	0.00000	0.00000
-3.65	0.00000	-0.73	0.00018	0.00000	0.00000	0.00000	0.00000
-3.60	0.00000	-0.72	0.00018	0.00000	0.00000	0.00000	0.00000
-3.55	0.00000	-0.71	0.00018	0.00000	0.00000	0.00000	0.00000
-3.50	0.00000	-0.70	0.00030	0.00000	0.00000	0.00000	0.00000
-3.45	0.00000	-0.69	0.00036	0.00000	0.00000	0.00000	0.00000
-3.40	0.00000	-0.68	0.00048	0.00000	0.00000	0.00000	0.00000
-3.35	0.00006	-0.67	0.00066	0.00000	0.00000	0.00000	0.00000
-3.30	0.00006	-0.66	0.00090	0.00000	0.00000	0.00000	0.00000
-3.25	0.00006	-0.65	0.00096	0.00000	0.00000	0.00000	0.00000
-3.20	0.00006	-0.64	0.00096	0.00000	0.00000	0.00000	0.00000
-3.15	0.00006	-0.63	0.00096	0.00000	0.00000	0.00000	0.00000
-3.10	0.00006	-0.62	0.00108	0.00000	0.00000	0.00000	0.00000
-3.05	0.00006	-0.61	0.00120	0.00000	0.00000	0.00000	0.00000
-3.00	0.00006	-0.60	0.00138	0.00000	0.00000	0.00000	0.00000
-2.95	0.00006	-0.59	0.00156	0.00000	0.00000	0.00000	0.00000
-2.90	0.00006	-0.58	0.00186	0.00000	0.00000	0.00000	0.00000
-2.85	0.00006	-0.57	0.00222	0.00000	0.00000	0.00000	0.00000
-2.80	0.00006	-0.56	0.00258	0.00000	0.00000	0.00000	0.00000
-2.75	0.00006	-0.55	0.00276	0.00000	0.00000	0.00000	0.00000
-2.70	0.00006	-0.54	0.00282	0.00000	0.00000	0.00000	0.00000
-2.65	0.00006	-0.53	0.00319	0.00000	0.00000	0.00000	0.00000
-2.60	0.00006	-0.52	0.00361	0.00000	0.00000	0.00000	0.00000
-2.55	0.00006	-0.51	0.00415	0.00000	0.00000	0.00000	0.00000
-2.50	0.00006	-0.50	0.00469	0.00000	0.00000	0.00000	0.00000
-2.45	0.00006	-0.49	0.00559	0.00000	0.00000	0.00000	0.00000
-2.40	0.00006	-0.48	0.00661	0.00000	0.00000	0.00000	0.00000
-2.35	0.00006	-0.47	0.00763	0.00000	0.00000	0.00000	0.00000
-2.30	0.00012	-0.46	0.00919	0.00000	0.00000	0.00000	0.00000
-2.25	0.00012	-0.45	0.01064	0.00000	0.00000	0.00000	0.00000
-2.20	0.00012	-0.44	0.01226	0.00000	0.00000	0.00000	0.00000
-2.15	0.00012	-0.43	0.01370	0.00000	0.00000	0.00000	0.00000
-2.10	0.00018	-0.42	0.01550	0.00000	0.00000	0.00000	0.00000
-2.05	0.00018	-0.41	0.01761	0.00000	0.00000	0.00000	0.00000
-2.00	0.00036	-0.40	0.01989	0.00000	0.00000	0.00000	0.00000
-1.95	0.00036	-0.39	0.02344	0.00000	0.00000	0.00000	0.00000
-1.90	0.00042	-0.38	0.02614	0.00000	0.00000	0.00000	0.00000
-1.85	0.00060	-0.37	0.03023	0.00000	0.00000	0.00000	0.00000
-1.80	0.00066	-0.36	0.03431	0.00000	0.00000	0.00000	0.00000
-1.75	0.00090	-0.35	0.04008	0.00000	0.00000	0.00000	0.00000
-1.70	0.00108	-0.34	0.04495	0.00000	0.00000	0.00000	0.00000
-1.65	0.00120	-0.33	0.05036	0.00000	0.00000	0.00000	0.00000
-1.60	0.00168	-0.32	0.05739	0.00000	0.00000	0.00000	0.00000
-1.55	0.00228	-0.31	0.06424	0.00000	0.00000	0.00000	0.00000
-1.50	0.00306	-0.30	0.07163	0.00000	0.00000	0.00000	0.00000
-1.45	0.00427	-0.29	0.08011	0.00000	0.00000	0.00000	0.00000
-1.40	0.00577	-0.28	0.08966	0.00000	0.00000	0.00000	0.00000
-1.35	0.00751	-0.27	0.09898	0.00000	0.00000	0.00000	0.00000
-1.30	0.01040	-0.26	0.10938	0.00000	0.00000	0.00000	0.00000
-1.25	0.01304	-0.25	0.11923	0.00000	0.00000	0.00000	0.00000
-1.20	0.01761	-0.24	0.13071	0.00000	0.00000	0.00000	0.00000
-1.15	0.02194	-0.23	0.14219	0.00000	0.00000	0.00000	0.00000
-1.10	0.02710	-0.22	0.15481	0.00000	0.00000	0.00000	0.00000
-1.05	0.03444	-0.21	0.16773	0.00000	0.00000	0.00000	0.00000
-1.00	0.04237	-0.20	0.18287	0.00000	0.00000	0.00000	0.00000
-0.95	0.05132	-0.19	0.19694	0.00000	0.00000	0.00000	0.00000
-0.90	0.06112	-0.18	0.20956	0.00006	0.00006	0.00000	0.00000
-0.85	0.07446	-0.17	0.22428	0.00024	0.00012	0.00000	0.00000
-0.80	0.08942	-0.16	0.23984	0.00024	0.00030	0.00000	0.00000
-0.75	0.10685	-0.15	0.25487	0.00066	0.00090	0.00000	0.00000
-0.70	0.12452	-0.14	0.27139	0.00120	0.00144	0.00000	0.00000
-0.65	0.14657	-0.13	0.28870	0.00204	0.00216	0.00000	0.00000
-0.60	0.16971	-0.12	0.30703	0.00282	0.00282	0.00000	0.00000
-0.55	0.19381	-0.11	0.32278	0.00475	0.00403	0.00000	0.00000
-0.50	0.21941	-0.10	0.33972	0.00829	0.00507	0.00000	0.00012
-0.45	0.24633	-0.09	0.35733	0.01442	0.00938	0.00000	0.00060
-0.40	0.27596	-0.08	0.37662	0.02452	0.01400	0.00000	0.00222
-0.35	0.30883	-0.07	0.39603	0.04050	0.02386	0.00018	0.00655
-0.30	0.34008	-0.06	0.41575	0.07115	0.04219	0.00090	0.01809
-0.25	0.37422	-0.05	0.43257	0.11737	0.07650	0.00343	0.04309
-0.20	0.40535	-0.04	0.45144	0.18353	0.13762	0.01526	0.09495
-0.15	0.43870	-0.03	0.46941	0.27224	0.22855	0.06941	0.18942
-0.10	0.47254	-0.02	0.48738	0.38209	0.35174	0.22831	0.32873
-0.05	0.50739	-0.01	0.50631	0.50397	0.49778	0.49231	0.49669

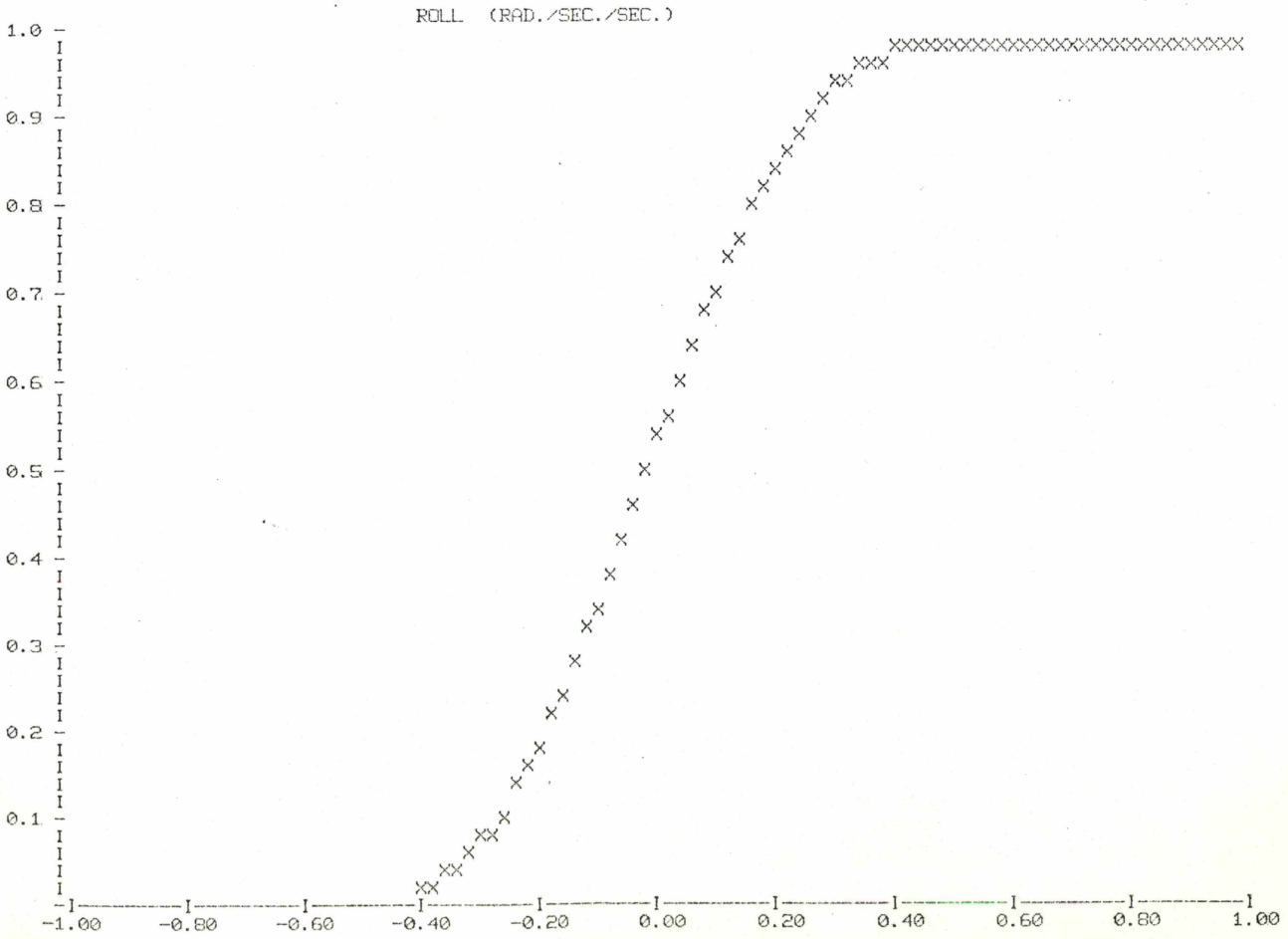
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335

ABSCISSA 1: Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT (G's)	LONG..(G's)	LAT. (G's)
0.00	0.54273	0.00	0.52338	0.62488	0.65066	0.77482	0.66286
0.05	0.57230	0.01	0.54201	0.73311	0.77446	0.93654	0.80294
0.10	0.60547	0.02	0.56004	0.81845	0.86671	0.98582	0.90198
0.15	0.63738	0.03	0.57975	0.88017	0.92578	0.99675	0.95319
0.20	0.66815	0.04	0.59826	0.92506	0.95745	0.99946	0.97939
0.25	0.69994	0.05	0.61737	0.95553	0.97500	0.99988	0.99129
0.30	0.72825	0.06	0.63474	0.97055	0.98383	0.99994	0.99645
0.35	0.75589	0.07	0.64934	0.98119	0.98996	1.00000	0.99820
0.40	0.78209	0.08	0.66611	0.98900	0.99327	1.00000	0.99874
0.45	0.80481	0.09	0.68245	0.99453	0.99525	1.00000	0.99904
0.50	0.82614	0.10	0.69982	0.99778	0.99688	1.00000	0.99940
0.55	0.84976	0.11	0.71599	0.99916	0.99784	1.00000	0.99964
0.60	0.87013	0.12	0.73311	0.99940	0.99802	1.00000	0.99970
0.65	0.88660	0.13	0.74772	0.99964	0.99862	1.00000	0.99982
0.70	0.90240	0.14	0.76484	0.99988	0.99910	1.00000	0.99994
0.75	0.91659	0.15	0.77752	1.00000	0.99946	1.00000	1.00000
0.80	0.92981	0.16	0.79333	1.00000	0.99946	1.00000	1.00000
0.85	0.94165	0.17	0.80649	1.00000	0.99964	1.00000	1.00000
0.90	0.95150	0.18	0.82109	1.00000	0.99982	1.00000	1.00000
0.95	0.96016	0.19	0.83389	1.00000	0.99994	1.00000	1.00000
1.00	0.96839	0.20	0.84700	1.00000	0.99994	1.00000	1.00000
1.05	0.97506	0.21	0.85829	1.00000	1.00000	1.00000	1.00000
1.10	0.98047	0.22	0.86923	1.00000	1.00000	1.00000	1.00000
1.15	0.98504	0.23	0.87987	1.00000	1.00000	1.00000	1.00000
1.20	0.98870	0.24	0.88954	1.00000	1.00000	1.00000	1.00000
1.25	0.99129	0.25	0.89904	1.00000	1.00000	1.00000	1.00000
1.30	0.99375	0.26	0.90757	1.00000	1.00000	1.00000	1.00000
1.35	0.99543	0.27	0.91665	1.00000	1.00000	1.00000	1.00000
1.40	0.99639	0.28	0.92500	1.00000	1.00000	1.00000	1.00000
1.45	0.99724	0.29	0.93209	1.00000	1.00000	1.00000	1.00000
1.50	0.99820	0.30	0.93906	1.00000	1.00000	1.00000	1.00000
1.55	0.99850	0.31	0.94483	1.00000	1.00000	1.00000	1.00000
1.60	0.99892	0.32	0.94994	1.00000	1.00000	1.00000	1.00000
1.65	0.99922	0.33	0.95481	1.00000	1.00000	1.00000	1.00000
1.70	0.99928	0.34	0.95853	1.00000	1.00000	1.00000	1.00000
1.75	0.99928	0.35	0.96256	1.00000	1.00000	1.00000	1.00000
1.80	0.99934	0.36	0.96629	1.00000	1.00000	1.00000	1.00000
1.85	0.99946	0.37	0.97049	1.00000	1.00000	1.00000	1.00000
1.90	0.99958	0.38	0.97410	1.00000	1.00000	1.00000	1.00000
1.95	0.99970	0.39	0.97698	1.00000	1.00000	1.00000	1.00000
2.00	0.99976	0.40	0.97969	1.00000	1.00000	1.00000	1.00000
2.05	0.99976	0.41	0.98209	1.00000	1.00000	1.00000	1.00000
2.10	0.99982	0.42	0.98371	1.00000	1.00000	1.00000	1.00000
2.15	0.99982	0.43	0.98570	1.00000	1.00000	1.00000	1.00000
2.20	0.99988	0.44	0.98744	1.00000	1.00000	1.00000	1.00000
2.25	0.99988	0.45	0.98846	1.00000	1.00000	1.00000	1.00000
2.30	0.99988	0.46	0.98966	1.00000	1.00000	1.00000	1.00000
2.35	0.99994	0.47	0.99135	1.00000	1.00000	1.00000	1.00000
2.40	0.99994	0.48	0.99261	1.00000	1.00000	1.00000	1.00000
2.45	0.99994	0.49	0.99321	1.00000	1.00000	1.00000	1.00000
2.50	0.99994	0.50	0.99417	1.00000	1.00000	1.00000	1.00000
2.55	0.99994	0.51	0.99471	1.00000	1.00000	1.00000	1.00000
2.60	0.99994	0.52	0.99531	1.00000	1.00000	1.00000	1.00000
2.65	0.99994	0.53	0.99597	1.00000	1.00000	1.00000	1.00000
2.70	0.99994	0.54	0.99621	1.00000	1.00000	1.00000	1.00000
2.75	0.99994	0.55	0.99657	1.00000	1.00000	1.00000	1.00000
2.80	0.99994	0.56	0.99694	1.00000	1.00000	1.00000	1.00000
2.85	0.99994	0.57	0.99706	1.00000	1.00000	1.00000	1.00000
2.90	0.99994	0.58	0.99742	1.00000	1.00000	1.00000	1.00000
2.95	0.99994	0.59	0.99778	1.00000	1.00000	1.00000	1.00000
3.00	0.99994	0.60	0.99808	1.00000	1.00000	1.00000	1.00000
3.05	0.99994	0.61	0.99814	1.00000	1.00000	1.00000	1.00000
3.10	0.99994	0.62	0.99832	1.00000	1.00000	1.00000	1.00000
3.15	0.99994	0.63	0.99856	1.00000	1.00000	1.00000	1.00000
3.20	0.99994	0.64	0.99874	1.00000	1.00000	1.00000	1.00000
3.25	0.99994	0.65	0.99880	1.00000	1.00000	1.00000	1.00000
3.30	0.99994	0.66	0.99880	1.00000	1.00000	1.00000	1.00000
3.35	0.99994	0.67	0.99886	1.00000	1.00000	1.00000	1.00000
3.40	0.99994	0.68	0.99898	1.00000	1.00000	1.00000	1.00000
3.45	0.99994	0.69	0.99898	1.00000	1.00000	1.00000	1.00000
3.50	1.00000	0.70	0.99910	1.00000	1.00000	1.00000	1.00000
3.55	1.00000	0.71	0.99910	1.00000	1.00000	1.00000	1.00000
3.60	1.00000	0.72	0.99910	1.00000	1.00000	1.00000	1.00000
3.65	1.00000	0.73	0.99910	1.00000	1.00000	1.00000	1.00000
3.70	1.00000	0.74	0.99916	1.00000	1.00000	1.00000	1.00000
3.75	1.00000	0.75	0.99922	1.00000	1.00000	1.00000	1.00000
3.80	1.00000	0.76	0.99934	1.00000	1.00000	1.00000	1.00000
3.85	1.00000	0.77	0.99940	1.00000	1.00000	1.00000	1.00000
3.90	1.00000	0.78	0.99940	1.00000	1.00000	1.00000	1.00000
3.95	1.00000	0.79	0.99940	1.00000	1.00000	1.00000	1.00000
4.00	1.00000	0.80	0.99940	1.00000	1.00000	1.00000	1.00000
4.05	1.00000	0.81	0.99952	1.00000	1.00000	1.00000	1.00000
4.10	1.00000	0.82	0.99970	1.00000	1.00000	1.00000	1.00000
4.15	1.00000	0.83	0.99970	1.00000	1.00000	1.00000	1.00000
4.20	1.00000	0.84	0.99970	1.00000	1.00000	1.00000	1.00000
4.25	1.00000	0.85	0.99970	1.00000	1.00000	1.00000	1.00000
4.30	1.00000	0.86	0.99976	1.00000	1.00000	1.00000	1.00000
4.35	1.00000	0.87	0.99976	1.00000	1.00000	1.00000	1.00000
4.40	1.00000	0.88	0.99976	1.00000	1.00000	1.00000	1.00000
4.45	1.00000	0.89	0.99976	1.00000	1.00000	1.00000	1.00000
4.50	1.00000	0.90	0.99976	1.00000	1.00000	1.00000	1.00000
4.55	1.00000	0.91	0.99976	1.00000	1.00000	1.00000	1.00000
4.60	1.00000	0.92	0.99976	1.00000	1.00000	1.00000	1.00000
4.65	1.00000	0.93	0.99976	1.00000	1.00000	1.00000	1.00000
4.70	1.00000	0.94	0.99976	1.00000	1.00000	1.00000	1.00000
4.75	1.00000	0.95	0.99976	1.00000	1.00000	1.00000	1.00000
4.80	1.00000	0.96	0.99976	1.00000	1.00000	1.00000	1.00000
4.85	1.00000	0.97	0.99976	1.00000	1.00000	1.00000	1.00000
4.90	1.00000	0.98	0.99976	1.00000	1.00000	1.00000	1.00000
4.95	1.00000	0.99	1.00000	1.00000	1.00000	1.00000	1.00000

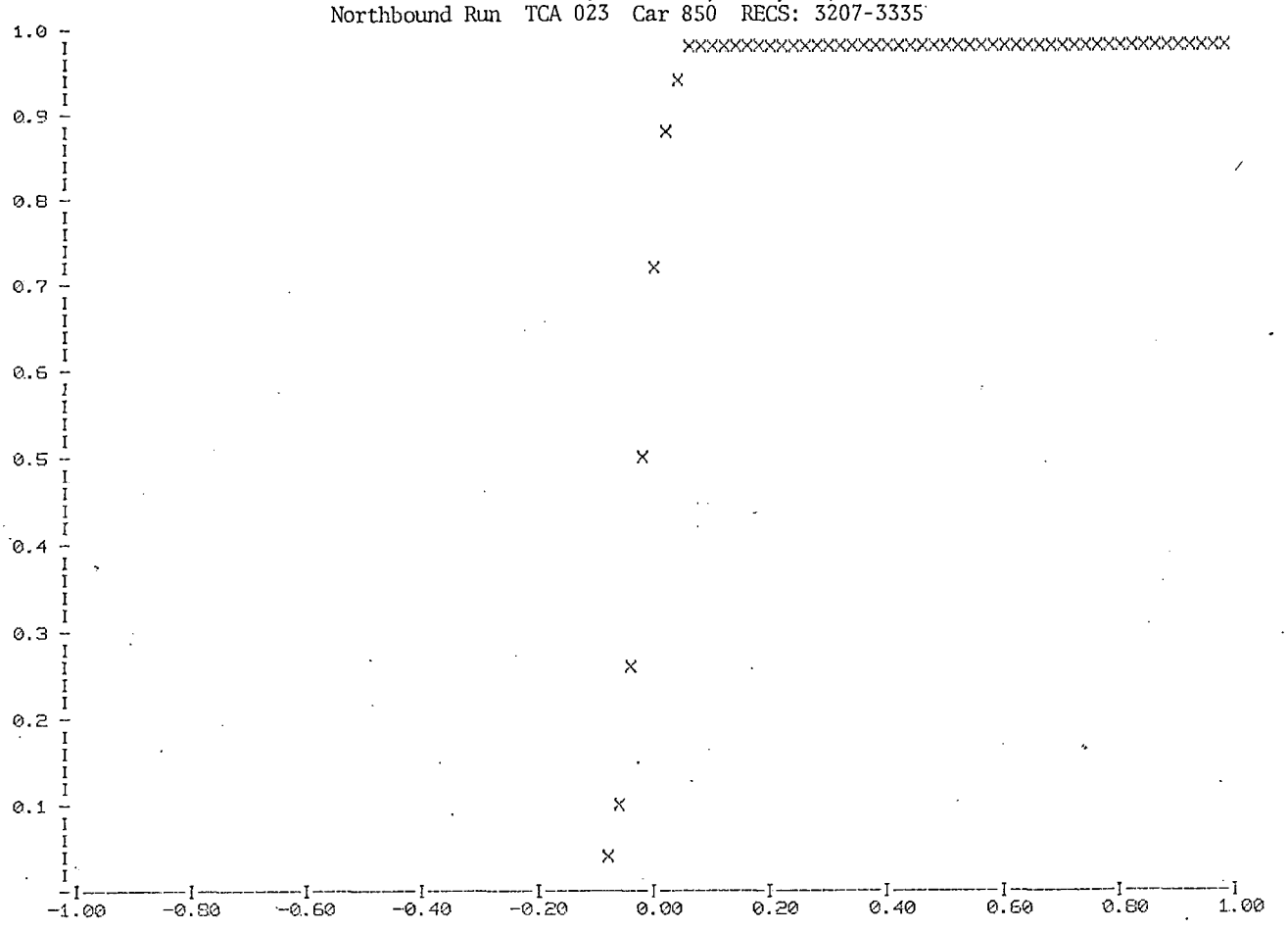
DISTRIBUTION FUNCTION ESTIMATE

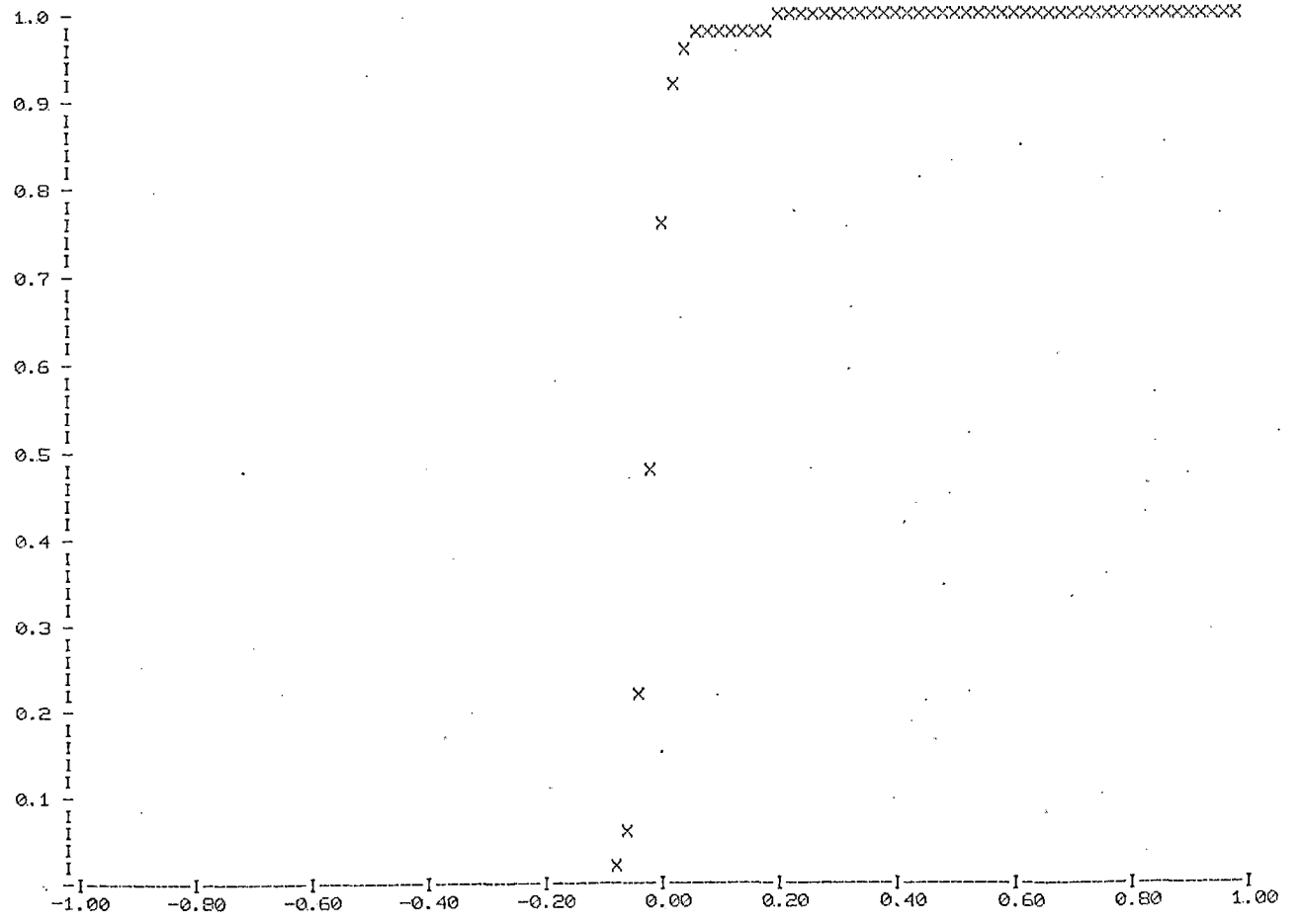
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335





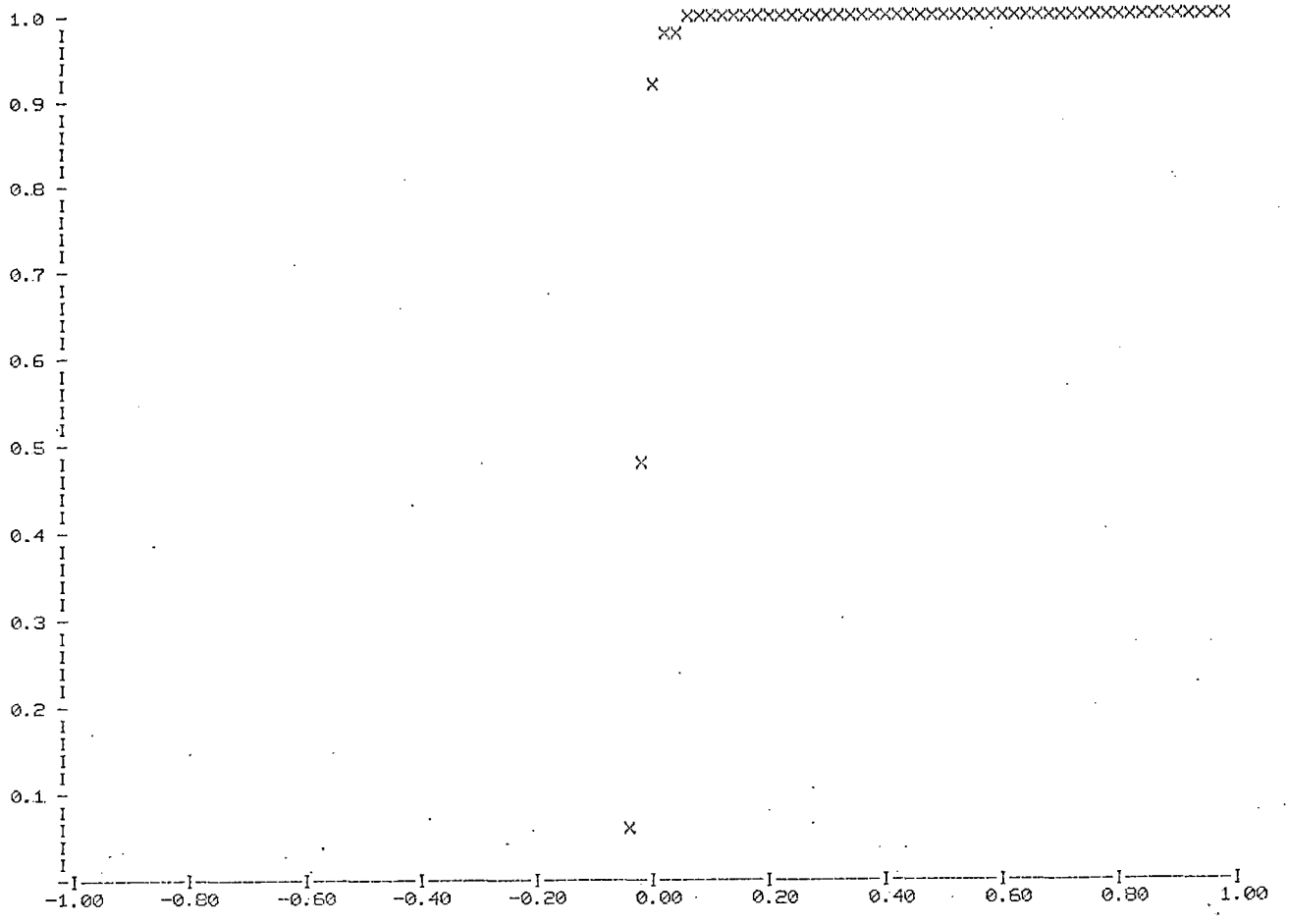
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335

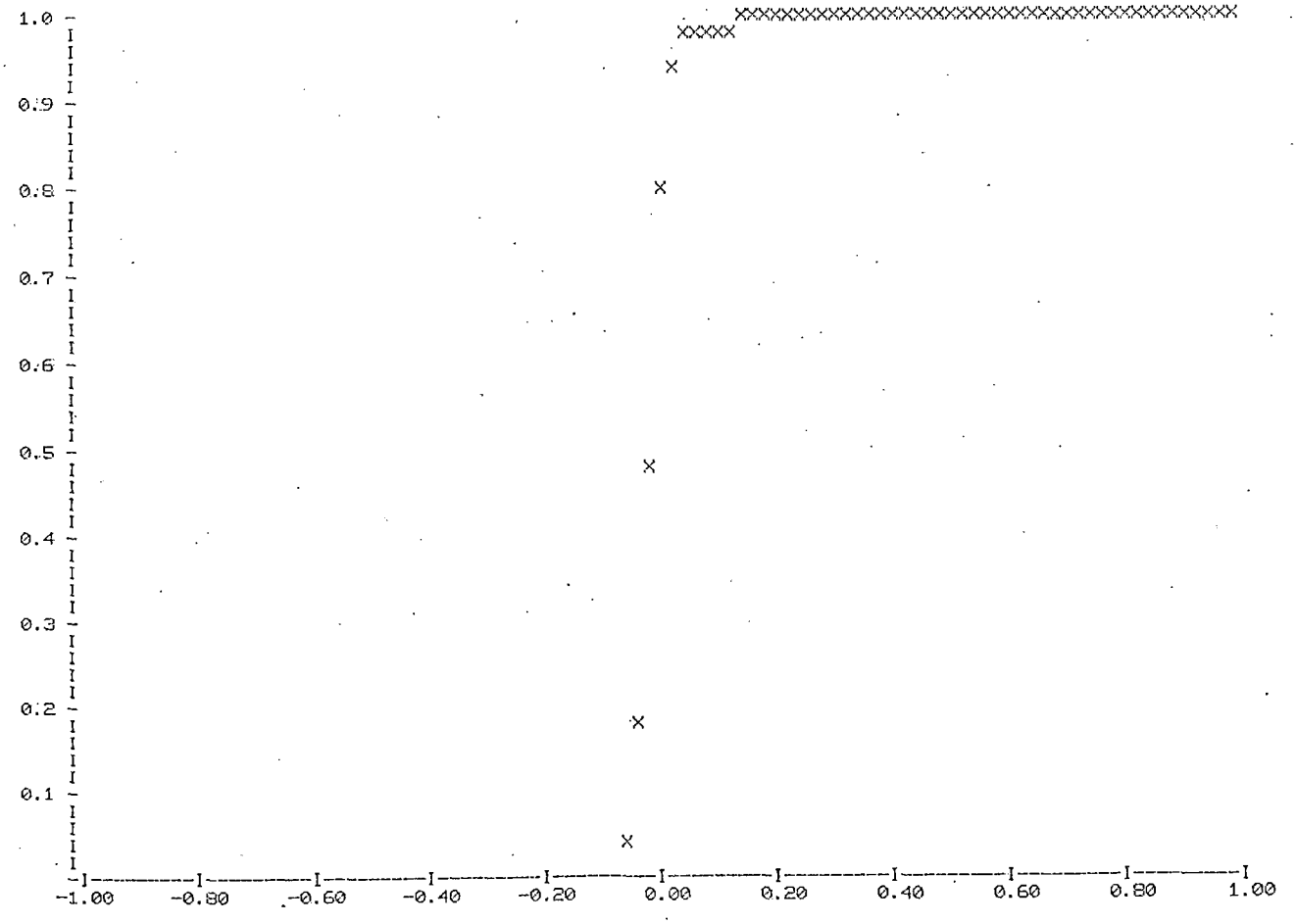




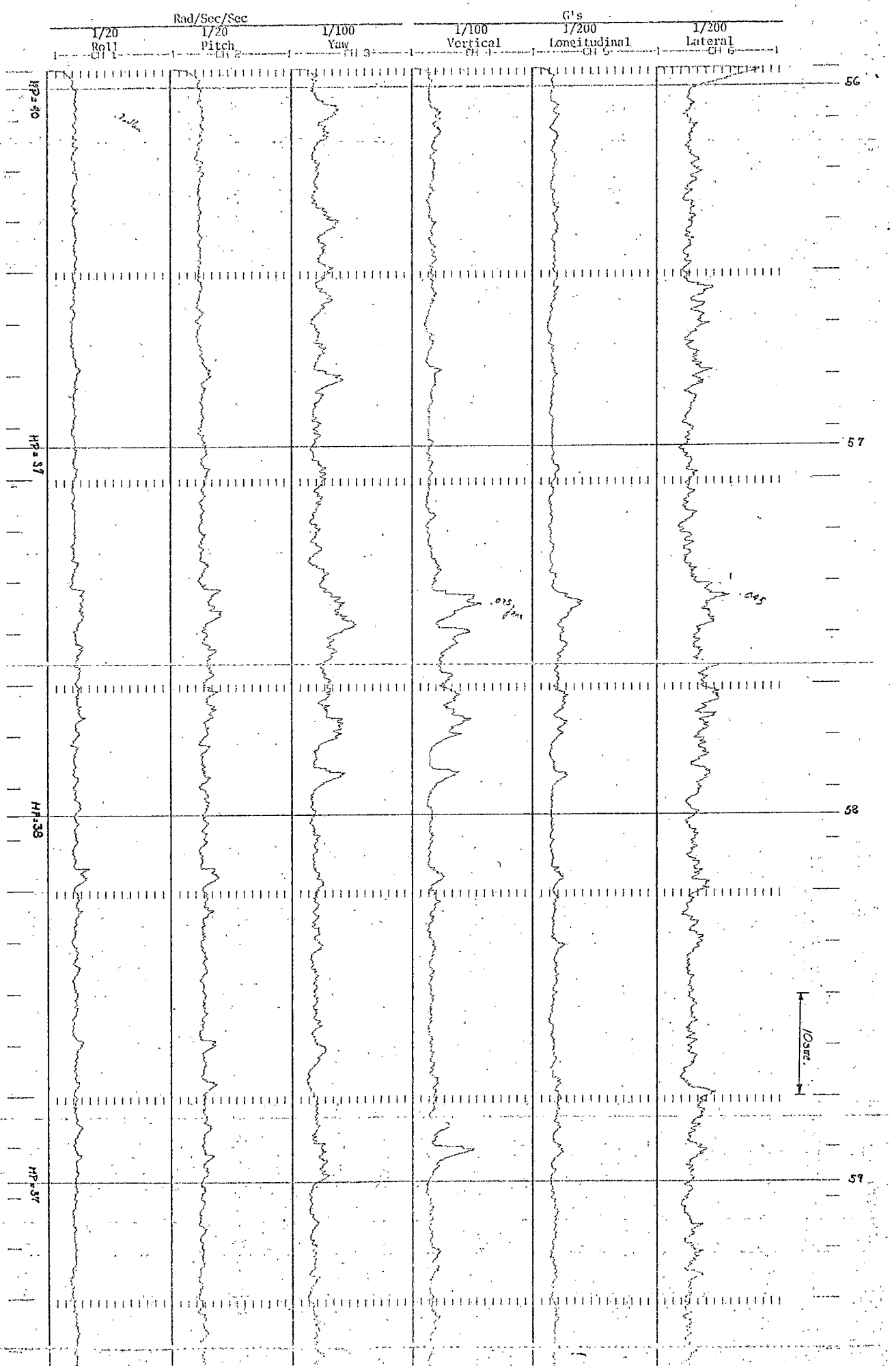
DISTRIBUTION FUNCTION ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3207-3335





Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 5207-3335



ISO Bands-RMS ACCELERATION IN G S

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	0.00012	0.00000	0.00000		LB	0.00146	0.00246	0.00237
1.0 HZ	EV	0.00139	0.00247	0.00269	10.0 HZ	EV	0.00219	0.00352	0.00385
	UB	0.00196	0.00357	0.00414		UB	0.00273	0.00432	0.00490
	LB	0.00036	0.00000	0.00187		LB	0.00217	0.00316	0.00330
1.3 HZ	EV	0.00119	0.00288	0.00444	12.5 HZ	EV	0.00255	0.00376	0.00396
	UB	0.00164	0.00419	0.00599		UB	0.00287	0.00428	0.00452
	LB	0.00058	0.00180	0.00417		LB	0.00154	0.00174	0.00180
1.6 HZ	EV	0.00099	0.00434	0.00650	16.0 HZ	EV	0.00173	0.00229	0.00252
	UB	0.00128	0.00586	0.00819		UB	0.00190	0.00274	0.00307
	LB	0.00049	0.00319	0.00268		LB	0.00121	0.00153	0.00168
2.0 HZ	EV	0.00064	0.00483	0.00687	20.0 HZ	EV	0.00147	0.00191	0.00209
	UB	0.00076	0.00606	0.00933		UB	0.00169	0.00222	0.00243
	LB	0.00042	0.00289	0.00146		LB	0.00157	0.00154	0.00208
2.5 HZ	EV	0.00072	0.00469	0.00684	25.0 HZ	EV	0.00189	0.00184	0.00246
	UB	0.00092	0.00597	0.00956		UB	0.00216	0.00210	0.00280
	LB	0.00056	0.00257	0.00000		LB	0.00284	0.00296	0.00509
3.1 HZ	EV	0.00083	0.00371	0.00638	31.5 HZ	EV	0.00327	0.00331	0.00586
	UB	0.00102	0.00457	0.01012		UB	0.00365	0.00364	0.00654
	LB	0.00095	0.00248	0.00345		LB	0.00266	0.00178	0.00386
4.0 HZ	EV	0.00146	0.00439	0.00718	40.0 HZ	EV	0.00298	0.00192	0.00427
	UB	0.00184	0.00569	0.00957		UB	0.00327	0.00206	0.00465
	LB	0.00000	0.00390	0.00000		LB	0.00425	0.00358	0.00491
5.0 HZ	EV	0.00522	0.00685	0.01565	50.0 HZ	EV	0.00462	0.00387	0.00538
	UB	0.00820	0.00887	0.02402		UB	0.00496	0.00414	0.00581
	LB	0.00236	0.00638	0.00000		LB	0.00349	0.00290	0.00445
6.3 HZ	EV	0.00403	0.00942	0.01362	63.0 HZ	EV	0.00436	0.00322	0.00550
	UB	0.00519	0.01169	0.01957		UB	0.00508	0.00352	0.00639
	LB	0.00323	0.00719	0.00220		LB	0.00234	0.00214	0.00292
8.0 HZ	EV	0.00540	0.01090	0.00465	80.0 HZ	EV	0.00258	0.00230	0.00329
	UB	0.00692	0.01364	0.00620		UB	0.00280	0.00246	0.00363

ISO Bands - RMS ACCELERATION IN M/S2

	LB	0.00118	0.00000	0.00000		LB	0.01433	0.02417	0.02326
1.0 HZ	EV	0.01364	0.02418	0.02637	10.0 HZ	EV	0.02148	0.03448	0.03777
	UB	0.01926	0.03500	0.04064		UB	0.02679	0.04235	0.04809
	LB	0.00356	0.00000	0.01836		LB	0.02131	0.03094	0.03233
1.3 HZ	EV	0.01167	0.02826	0.04349	12.5 HZ	EV	0.02498	0.03690	0.03879
	UB	0.01611	0.04109	0.05870		UB	0.02817	0.04202	0.04432
	LB	0.00567	0.01761	0.04088		LB	0.01508	0.01706	0.01769
1.6 HZ	EV	0.00975	0.04253	0.06374	16.0 HZ	EV	0.01696	0.02248	0.02467
	UB	0.01257	0.05751	0.08034		UB	0.01866	0.02682	0.03007
	LB	0.00485	0.03128	0.02631		LB	0.01191	0.01499	0.01646
2.0 HZ	EV	0.00628	0.04740	0.06732	20.0 HZ	EV	0.01443	0.01872	0.02048
	UB	0.00745	0.05929	0.09150		UB	0.01658	0.02182	0.02382
	LB	0.00418	0.02836	0.01435		LB	0.01535	0.01512	0.02035
2.5 HZ	EV	0.00701	0.04599	0.06704	25.0 HZ	EV	0.01850	0.01809	0.02414
	UB	0.00902	0.05854	0.09372		UB	0.02118	0.02063	0.02741
	LB	0.00551	0.02518	0.00000		LB	0.02784	0.02898	0.04991
3.1 HZ	EV	0.00810	0.03636	0.06252	31.5 HZ	EV	0.03209	0.03250	0.05748
	UB	0.01003	0.04482	0.09921		UB	0.03584	0.03567	0.06416
	LB	0.00933	0.02430	0.03380		LB	0.02608	0.01748	0.03782
4.0 HZ	EV	0.01436	0.04302	0.07053	40.0 HZ	EV	0.02923	0.01886	0.04191
	UB	0.01804	0.05577	0.09384		UB	0.03208	0.02015	0.04563
	LB	0.00000	0.03822	0.00000		LB	0.04170	0.03509	0.04812
5.0 HZ	EV	0.05115	0.06716	0.15348	50.0 HZ	EV	0.04533	0.03794	0.05275
	UB	0.08043	0.08694	0.23554		UB	0.04868	0.04060	0.05700
	LB	0.02319	0.06253	0.00000		LB	0.03426	0.02840	0.04360
6.3 HZ	EV	0.03954	0.09236	0.13359	63.0 HZ	EV	0.04278	0.03159	0.05396
	UB	0.05088	0.11468	0.19193		UB	0.04986	0.03449	0.06263
	LB	0.03171	0.07052	0.02156		LB	0.02298	0.02096	0.02860
8.0 HZ	EV	0.05293	0.10681	0.04563	80.0 HZ	EV	0.02532	0.02260	0.03230
	UB	0.06781	0.13373	0.06082		UB	0.02746	0.02412	0.03562

TIME LIMITS

EXPOSURE LIMITS

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.0 HZ	EV	24.00000	24.00000	24.00000	10.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.3 HZ	EV	24.00000	24.00000	24.00000	12.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.6 HZ	EV	24.00000	24.00000	24.00000	16.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.0 HZ	EV	24.00000	24.00000	24.00000	20.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.5 HZ	EV	24.00000	24.00000	24.00000	25.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
3.1 HZ	EV	24.00000	24.00000	24.00000	31.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
4.0 HZ	EV	24.00000	24.00000	24.00000	40.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
5.0 HZ	EV	24.00000	24.00000	24.00000	50.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	23.37696		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
6.3 HZ	EV	24.00000	24.00000	24.00000	63.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
8.0 HZ	EV	24.00000	24.00000	24.00000	80.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000

EXPOSURE LIMITS

	LONGITUDINAL	LATERAL	VERTICAL
EXPOSURE TIME (HRS):	24.00000	24.00000	24.00000
Center Freq. (Hz):	1	1	1

FATIGUE LIMITS

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.0 HZ	EV	24.00000	24.00000	24.00000	10.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.3 HZ	EV	24.00000	24.00000	24.00000	12.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.6 HZ	EV	24.00000	24.00000	24.00000	16.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.0 HZ	EV	24.00000	24.00000	24.00000	20.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.5 HZ	EV	24.00000	24.00000	24.00000	25.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
3.1 HZ	EV	24.00000	24.00000	24.00000	31.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
4.0 HZ	EV	24.00000	24.00000	24.00000	40.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
5.0 HZ	EV	24.00000	24.00000	17.03495	50.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	10.12999		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
6.3 HZ	EV	24.00000	24.00000	20.11536	63.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	13.00593		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
8.0 HZ	EV	24.00000	24.00000	24.00000	80.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000

FATIGUE LIMITS

	LONGITUDINAL	LATERAL	VERTICAL
EXPOSURE TIME (HRS):	24.00000	24.00000	17.03495
Center Freq (Hz):	1	1	5

REDUCED COMFORT

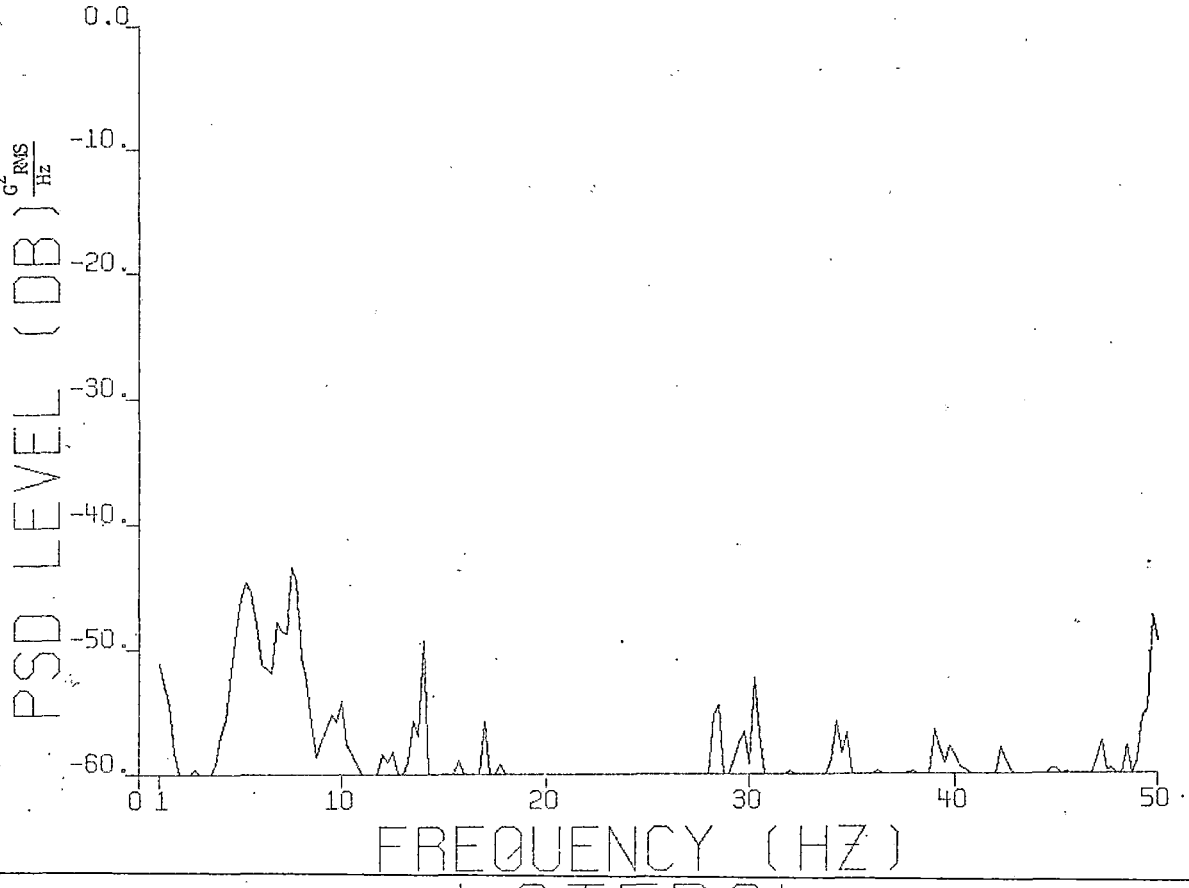
CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.0 HZ	EV	24.00000	24.00000	24.00000	10.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	20.70571	24.00000		UB	24.00000	24.00000	22.57813
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.3 HZ	EV	24.00000	24.00000	24.00000	12.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	16.69162	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.6 HZ	EV	24.00000	15.93102	21.23204	16.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	10.57209	16.09118		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.0 HZ	EV	24.00000	13.75821	17.32862	20.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	10.13973	11.95916		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.5 HZ	EV	24.00000	19.54641	15.16441	25.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	14.12217	10.08862		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
3.1 HZ	EV	24.00000	24.00000	14.35759	31.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	8.15465		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
4.0 HZ	EV	24.00000	24.00000	10.78004	40.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	7.57096		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
5.0 HZ	EV	24.00000	24.00000	4.01758	50.0 HZ	EV	24.00000	24.00000	24.00000
	UB	23.32423	21.01481	2.20957		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
6.3 HZ	EV	24.00000	24.00000	4.82416	63.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	19.74229	2.96261		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
8.0 HZ	EV	24.00000	24.00000	18.25879	80.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	21.87409	12.91245		UB	24.00000	24.00000	24.00000

REDUCED COMFORT

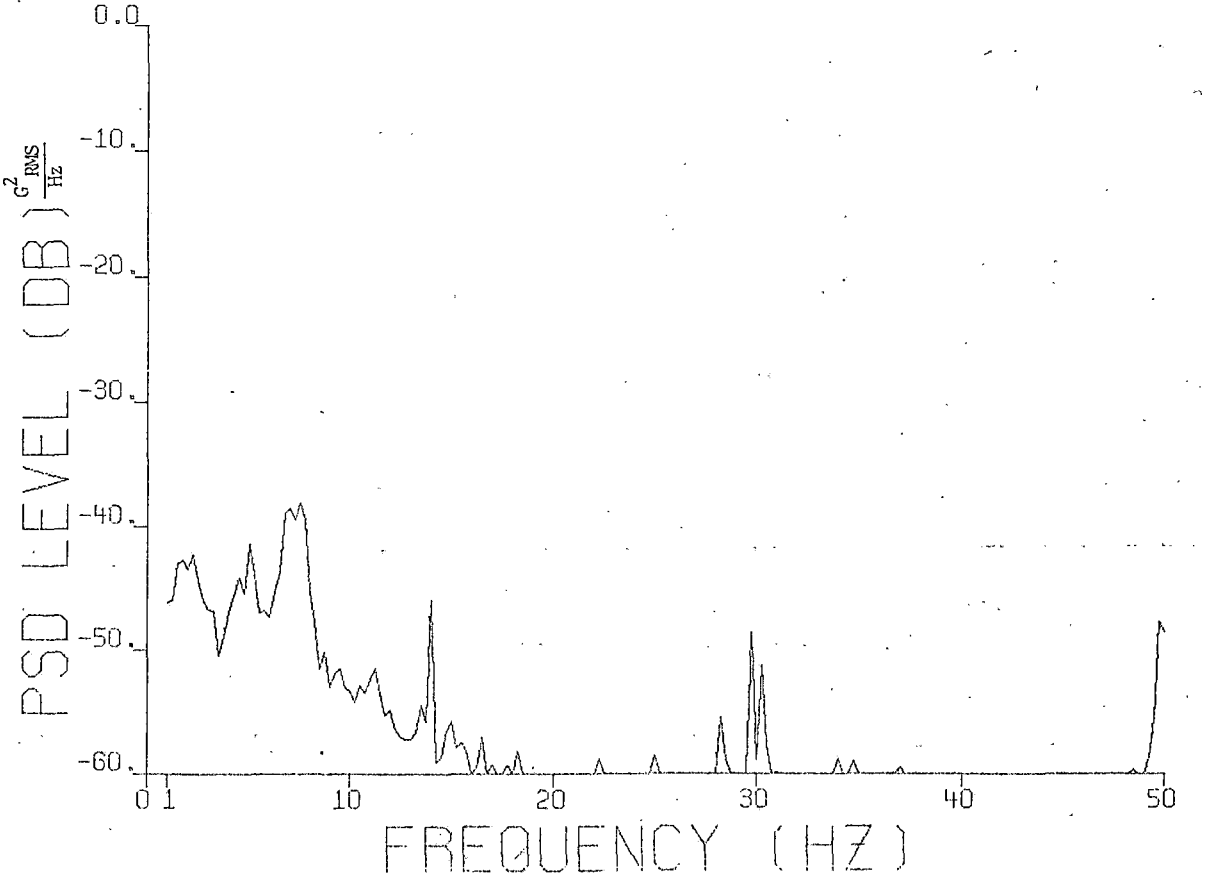
	LONGITUDINAL	LATERAL	VERTICAL
EXPOSURE TIME (HRS):	24.00000	13.75821	4.01758
Center Freq (Hz):	1	2	5

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3206-3334

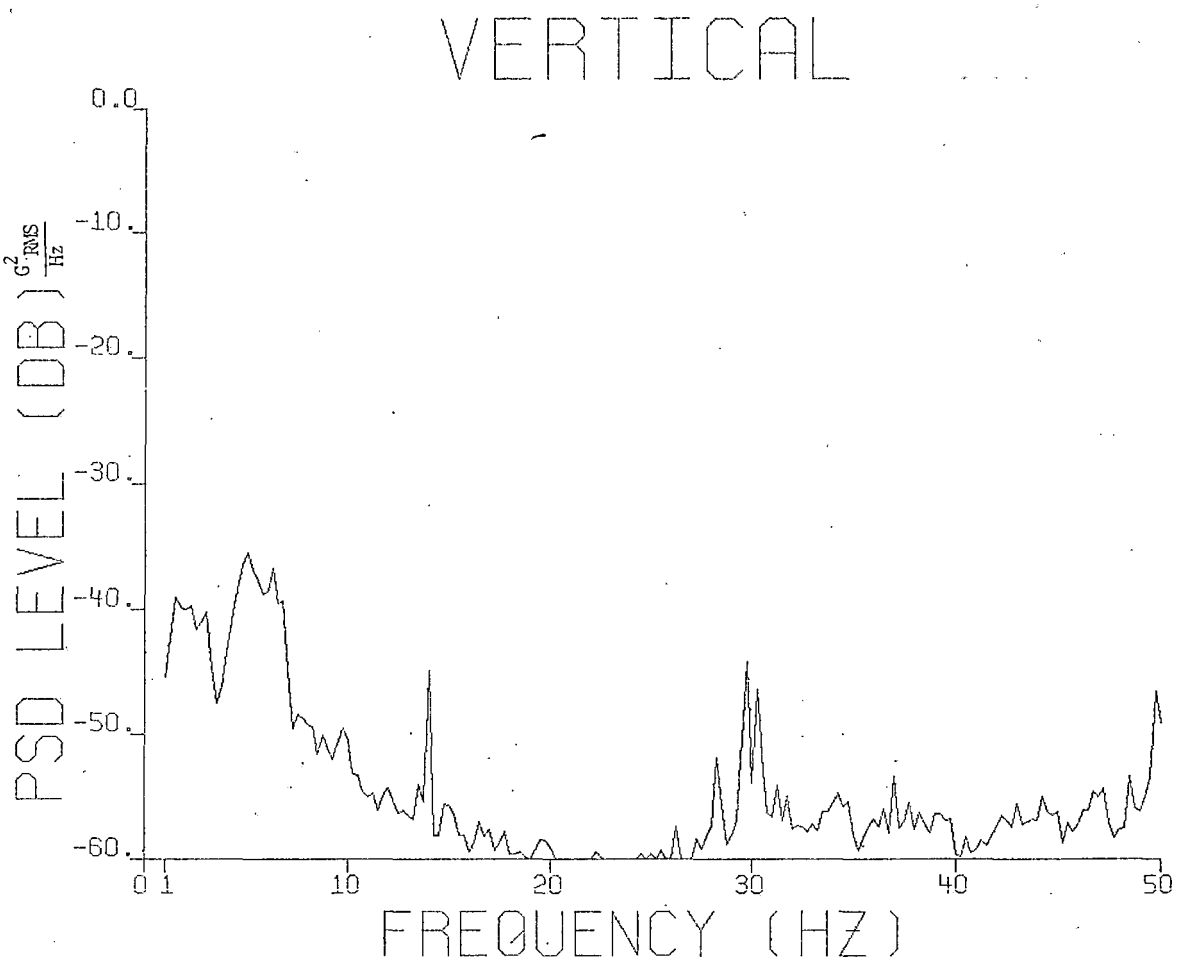
LONGITUDINAL



LATERAL



Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TCA 023 Car 850 RECS: 3206-3334



HISTOGRAM SUMMARY

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583

VOLTAGE	ROLL	PITCH	YAW	VERTICAL	LONGITUDINAL	LATERAL
-10.0	47.	2131.	0.	0.	0.	0.
-9.9	3.	181.	0.	0.	0.	0.
-9.8	3.	80.	0.	0.	0.	0.
-9.7	2.	56.	0.	0.	0.	0.
-9.6	1.	51.	0.	0.	0.	0.
-9.5	2.	51.	0.	0.	0.	0.
-9.4	2.	55.	0.	0.	0.	0.
-9.3	5.	56.	0.	0.	0.	0.
-9.2	3.	51.	0.	0.	0.	0.
-9.1	2.	47.	0.	0.	0.	0.
-9.0	1.	68.	0.	0.	0.	0.
-8.9	3.	53.	0.	0.	0.	0.
-8.8	2.	54.	0.	0.	0.	0.
-8.7	6.	57.	0.	0.	0.	0.
-8.6	3.	59.	0.	0.	0.	0.
-8.5	4.	51.	0.	0.	0.	0.
-8.4	5.	49.	0.	0.	0.	0.
-8.3	6.	73.	0.	0.	0.	0.
-8.2	11.	61.	0.	0.	0.	0.
-8.1	5.	48.	0.	0.	0.	0.
-8.0	8.	58.	0.	0.	0.	0.
-7.9	4.	65.	0.	0.	0.	0.
-7.8	4.	72.	0.	0.	0.	0.
-7.7	5.	59.	0.	0.	0.	0.
-7.6	9.	55.	0.	0.	0.	0.
-7.5	13.	63.	0.	0.	0.	0.
-7.4	10.	48.	0.	0.	0.	0.
-7.3	6.	66.	0.	0.	0.	0.
-7.2	11.	58.	0.	0.	0.	0.
-7.1	5.	65.	0.	0.	0.	0.
-7.0	9.	64.	0.	0.	0.	0.
-6.9	11.	51.	0.	0.	0.	0.
-6.8	9.	61.	0.	0.	0.	0.
-6.7	13.	58.	0.	0.	0.	0.
-6.6	13.	63.	0.	0.	0.	0.
-6.5	16.	53.	0.	0.	0.	0.
-6.4	17.	66.	0.	0.	0.	0.
-6.3	14.	66.	0.	0.	0.	0.
-6.2	18.	61.	0.	0.	0.	0.
-6.1	19.	64.	0.	0.	0.	0.
-6.0	15.	67.	0.	0.	0.	0.
-5.9	18.	71.	0.	0.	0.	0.
-5.8	17.	49.	0.	0.	0.	0.
-5.7	28.	57.	0.	0.	0.	0.
-5.6	15.	53.	0.	0.	0.	0.
-5.5	23.	77.	0.	0.	0.	0.
-5.4	24.	60.	0.	0.	0.	0.
-5.3	30.	59.	0.	0.	0.	0.
-5.2	24.	45.	0.	0.	0.	0.
-5.1	23.	63.	0.	0.	0.	0.
-5.0	27.	51.	0.	0.	0.	0.
-4.9	35.	58.	0.	0.	0.	0.
-4.8	33.	60.	0.	0.	0.	0.
-4.7	32.	74.	0.	0.	0.	0.
-4.6	45.	67.	0.	0.	0.	0.
-4.5	42.	68.	0.	0.	0.	0.
-4.4	55.	59.	0.	0.	0.	0.
-4.3	56.	55.	0.	0.	0.	0.
-4.2	46.	56.	0.	0.	0.	0.
-4.1	51.	55.	0.	0.	0.	0.
-4.0	66.	53.	0.	0.	0.	0.
-3.9	61.	66.	0.	0.	0.	0.
-3.8	61.	62.	0.	0.	0.	0.
-3.7	69.	65.	0.	0.	0.	0.
-3.6	59.	60.	0.	0.	0.	0.
-3.5	91.	58.	0.	0.	0.	0.
-3.4	84.	65.	0.	0.	0.	0.
-3.3	83.	69.	0.	0.	0.	0.
-3.2	80.	51.	0.	0.	0.	0.
-3.1	89.	60.	0.	0.	0.	0.
-3.0	66.	78.	0.	0.	0.	0.
-2.9	96.	55.	0.	0.	0.	0.
-2.8	103.	62.	0.	0.	0.	0.
-2.7	114.	70.	0.	0.	0.	0.
-2.6	106.	59.	0.	0.	0.	0.
-2.5	140.	72.	0.	0.	0.	0.
-2.4	119.	65.	0.	0.	0.	0.
-2.3	131.	66.	2.	0.	0.	0.
-2.2	147.	65.	2.	0.	0.	0.
-2.1	141.	67.	2.	2.	0.	0.
-2.0	152.	58.	4.	0.	0.	0.
-1.9	143.	53.	7.	1.	0.	0.
-1.8	180.	81.	3.	1.	0.	0.
-1.7	182.	64.	11.	1.	0.	0.
-1.6	174.	73.	18.	4.	0.	0.
-1.5	187.	72.	17.	7.	0.	1.
-1.4	210.	73.	39.	10.	0.	2.
-1.3	196.	77.	31.	11.	0.	3.
-1.2	219.	64.	55.	27.	0.	4.
-1.1	206.	71.	95.	40.	0.	5.
-1.0	237.	80.	146.	56.	2.	15.
-0.9	238.	66.	220.	131.	4.	25.
-0.8	237.	65.	350.	214.	19.	48.
-0.7	271.	67.	516.	346.	66.	133.
-0.6	283.	62.	693.	598.	225.	254.
-0.5	277.	71.	924.	834.	487.	580.
-0.4	271.	69.	1110.	1173.	991.	993.
-0.3	286.	74.	1329.	1539.	1722.	1669.
-0.2	287.	54.	1480.	1610.	2320.	2250.
-0.1	267.	73.	1484.	1869.	2600.	2568.

HISTOGRAM SUMMARY

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583
Scans: 16384

VOLTAGE	ROLL	PITCH	YAW	VERTICAL	LONGITUDINAL	LATERAL
0.0	305.	64.	1397.	1756.	2628.	2375.
0.1	318.	68.	1316.	1452.	1882.	1866.
0.2	309.	56.	1103.	1260.	1407.	1306.
0.3	338.	66.	808.	987.	964.	752.
0.4	314.	62.	772.	732.	582.	546.
0.5	332.	62.	581.	576.	285.	377.
0.6	325.	62.	478.	401.	141.	269.
0.7	323.	45.	339.	258.	65.	155.
0.8	300.	53.	276.	164.	22.	84.
0.9	333.	59.	209.	100.	17.	48.
1.0	312.	45.	149.	84.	9.	27.
1.1	301.	72.	111.	43.	2.	15.
1.2	290.	54.	67.	29.	3.	7.
1.3	307.	61.	44.	9.	4.	4.
1.4	267.	52.	30.	8.	1.	1.
1.5	285.	54.	25.	13.	1.	2.
1.6	287.	54.	22.	0.	1.	0.
1.7	234.	56.	14.	0.	0.	0.
1.8	255.	51.	9.	1.	2.	0.
1.9	228.	64.	3.	0.	1.	0.
2.0	206.	64.	2.	3.	0.	0.
2.1	214.	71.	2.	1.	0.	0.
2.2	182.	53.	3.	2.	0.	0.
2.3	195.	55.	4.	2.	0.	0.
2.4	179.	63.	0.	0.	0.	0.
2.5	176.	71.	0.	1.	0.	0.
2.6	137.	57.	0.	0.	0.	0.
2.7	165.	67.	1.	0.	0.	0.
2.8	150.	63.	0.	0.	0.	0.
2.9	143.	70.	0.	0.	0.	0.
3.0	147.	63.	0.	0.	0.	0.
3.1	122.	59.	0.	0.	0.	0.
3.2	98.	43.	0.	0.	0.	0.
3.3	93.	64.	0.	0.	0.	0.
3.4	91.	57.	0.	0.	0.	0.
3.5	84.	62.	0.	0.	0.	0.
3.6	71.	49.	1.	0.	0.	0.
3.7	58.	50.	0.	0.	0.	0.
3.8	66.	57.	0.	0.	0.	0.
3.9	44.	48.	0.	0.	0.	0.
4.0	58.	66.	0.	0.	0.	0.
4.1	33.	55.	0.	0.	0.	0.
4.2	40.	56.	0.	0.	0.	0.
4.3	32.	60.	0.	0.	0.	0.
4.4	31.	47.	0.	0.	0.	0.
4.5	24.	53.	0.	0.	0.	0.
4.6	17.	50.	0.	0.	0.	0.
4.7	25.	43.	0.	0.	0.	0.
4.8	14.	60.	0.	0.	0.	0.
4.9	15.	56.	0.	0.	0.	0.
5.0	11.	44.	0.	0.	0.	0.
5.1	15.	38.	0.	0.	0.	0.
5.2	9.	39.	0.	0.	0.	0.
5.3	9.	42.	0.	0.	0.	0.
5.4	6.	47.	0.	0.	0.	0.
5.5	8.	36.	0.	0.	0.	0.
5.6	5.	41.	0.	0.	0.	0.
5.7	10.	61.	0.	0.	0.	0.
5.8	1.	60.	0.	0.	0.	0.
5.9	7.	51.	0.	0.	0.	0.
6.0	5.	51.	0.	0.	0.	0.
6.1	2.	38.	0.	0.	0.	0.
6.2	2.	48.	0.	0.	0.	0.
6.3	4.	39.	0.	0.	0.	0.
6.4	3.	44.	0.	0.	0.	0.
6.5	2.	56.	0.	0.	0.	0.
6.6	1.	36.	0.	0.	0.	0.
6.7	4.	48.	0.	0.	0.	0.
6.8	3.	38.	0.	0.	0.	0.
6.9	3.	59.	0.	0.	0.	0.
7.0	2.	31.	0.	0.	0.	0.
7.1	1.	45.	0.	0.	0.	0.
7.2	2.	48.	0.	0.	0.	0.
7.3	0.	42.	0.	0.	0.	0.
7.4	0.	39.	0.	0.	0.	0.
7.5	1.	34.	0.	0.	0.	0.
7.6	1.	52.	0.	0.	0.	0.
7.7	1.	45.	0.	0.	0.	0.
7.8	0.	42.	0.	0.	0.	0.
7.9	2.	41.	0.	0.	0.	0.
8.0	2.	40.	0.	0.	0.	0.
8.1	1.	51.	0.	0.	0.	0.
8.2	1.	31.	0.	0.	0.	0.
8.3	0.	37.	0.	0.	0.	0.
8.4	0.	32.	0.	0.	0.	0.
8.5	0.	28.	0.	0.	0.	0.
8.6	0.	34.	0.	0.	0.	0.
8.7	3.	40.	0.	0.	0.	0.
8.8	1.	34.	0.	0.	0.	0.
8.9	2.	40.	0.	0.	0.	0.
9.0	0.	39.	0.	0.	0.	0.
9.1	0.	24.	0.	0.	0.	0.
9.2	1.	47.	0.	0.	0.	0.
9.3	0.	52.	0.	0.	0.	0.
9.4	1.	104.	0.	0.	0.	0.
9.5	1.	192.	0.	0.	0.	0.
9.6	0.	441.	0.	0.	0.	0.
9.7	0.	637.	0.	0.	0.	0.
9.8	0.	689.	0.	0.	0.	0.
9.9	0.	1178.	0.	0.	0.	0.
ST.DEV:	1.2028 RAD/SEC	0.7180 RAD/SEC	0.0495 RAD/SEC	0.0399 G'S	0.0262 G'S	0.0298 G'S

PROBABILITY DENSITY ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583

ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec(& G's)	PITCH	YAW	VERT (G's)	LONG.. (G's)	LAT. (G's)
-5.00	0.05737	-1.00	13.0065	0.00000	0.00000	0.00000	0.00000
-4.95	0.00366	-0.99	1.10474	0.00000	0.00000	0.00000	0.00000
-4.90	0.00366	-0.98	0.48828	0.00000	0.00000	0.00000	0.00000
-4.85	0.00244	-0.97	0.34180	0.00000	0.00000	0.00000	0.00000
-4.80	0.00122	-0.96	0.31128	0.00000	0.00000	0.00000	0.00000
-4.75	0.00244	-0.95	0.31128	0.00000	0.00000	0.00000	0.00000
-4.70	0.00244	-0.94	0.33569	0.00000	0.00000	0.00000	0.00000
-4.65	0.00610	-0.93	0.34180	0.00000	0.00000	0.00000	0.00000
-4.60	0.00366	-0.92	0.31128	0.00000	0.00000	0.00000	0.00000
-4.55	0.00244	-0.91	0.28687	0.00000	0.00000	0.00000	0.00000
-4.50	0.00122	-0.90	0.41504	0.00000	0.00000	0.00000	0.00000
-4.45	0.00366	-0.89	0.32349	0.00000	0.00000	0.00000	0.00000
-4.40	0.00244	-0.88	0.32959	0.00000	0.00000	0.00000	0.00000
-4.35	0.00732	-0.87	0.34790	0.00000	0.00000	0.00000	0.00000
-4.30	0.00366	-0.86	0.36011	0.00000	0.00000	0.00000	0.00000
-4.25	0.00488	-0.85	0.31128	0.00000	0.00000	0.00000	0.00000
-4.20	0.00610	-0.84	0.29907	0.00000	0.00000	0.00000	0.00000
-4.15	0.00732	-0.83	0.44556	0.00000	0.00000	0.00000	0.00000
-4.10	0.01343	-0.82	0.37231	0.00000	0.00000	0.00000	0.00000
-4.05	0.00610	-0.81	0.29297	0.00000	0.00000	0.00000	0.00000
-4.00	0.00977	-0.80	0.35400	0.00000	0.00000	0.00000	0.00000
-3.95	0.00488	-0.79	0.39673	0.00000	0.00000	0.00000	0.00000
-3.90	0.00488	-0.78	0.43945	0.00000	0.00000	0.00000	0.00000
-3.85	0.00610	-0.77	0.36011	0.00000	0.00000	0.00000	0.00000
-3.80	0.01099	-0.76	0.33569	0.00000	0.00000	0.00000	0.00000
-3.75	0.01587	-0.75	0.38452	0.00000	0.00000	0.00000	0.00000
-3.70	0.01221	-0.74	0.29297	0.00000	0.00000	0.00000	0.00000
-3.65	0.00732	-0.73	0.40283	0.00000	0.00000	0.00000	0.00000
-3.60	0.01343	-0.72	0.35400	0.00000	0.00000	0.00000	0.00000
-3.55	0.00610	-0.71	0.39673	0.00000	0.00000	0.00000	0.00000
-3.50	0.01099	-0.70	0.39063	0.00000	0.00000	0.00000	0.00000
-3.45	0.01343	-0.69	0.31128	0.00000	0.00000	0.00000	0.00000
-3.40	0.01099	-0.68	0.37231	0.00000	0.00000	0.00000	0.00000
-3.35	0.01587	-0.67	0.35400	0.00000	0.00000	0.00000	0.00000
-3.30	0.01587	-0.66	0.38452	0.00000	0.00000	0.00000	0.00000
-3.25	0.01953	-0.65	0.32349	0.00000	0.00000	0.00000	0.00000
-3.20	0.02075	-0.64	0.40283	0.00000	0.00000	0.00000	0.00000
-3.15	0.01709	-0.63	0.40283	0.00000	0.00000	0.00000	0.00000
-3.10	0.02197	-0.62	0.37231	0.00000	0.00000	0.00000	0.00000
-3.05	0.02319	-0.61	0.39063	0.00000	0.00000	0.00000	0.00000
-3.00	0.01831	-0.60	0.40894	0.00000	0.00000	0.00000	0.00000
-2.95	0.02197	-0.59	0.43335	0.00000	0.00000	0.00000	0.00000
-2.90	0.02075	-0.58	0.29907	0.00000	0.00000	0.00000	0.00000
-2.85	0.03418	-0.57	0.34790	0.00000	0.00000	0.00000	0.00000
-2.80	0.01831	-0.56	0.32349	0.00000	0.00000	0.00000	0.00000
-2.75	0.02808	-0.55	0.46997	0.00000	0.00000	0.00000	0.00000
-2.70	0.02930	-0.54	0.36621	0.00000	0.00000	0.00000	0.00000
-2.65	0.03662	-0.53	0.36011	0.00000	0.00000	0.00000	0.00000
-2.60	0.02930	-0.52	0.27466	0.00000	0.00000	0.00000	0.00000
-2.55	0.02808	-0.51	0.38452	0.00000	0.00000	0.00000	0.00000
-2.50	0.03296	-0.50	0.31128	0.00000	0.00000	0.00000	0.00000
-2.45	0.04272	-0.49	0.35400	0.00000	0.00000	0.00000	0.00000
-2.40	0.04028	-0.48	0.36621	0.00000	0.00000	0.00000	0.00000
-2.35	0.03906	-0.47	0.45166	0.00000	0.00000	0.00000	0.00000
-2.30	0.05493	-0.46	0.40894	0.00000	0.00000	0.00000	0.00000
-2.25	0.05127	-0.45	0.41504	0.00000	0.00000	0.00000	0.00000
-2.20	0.06714	-0.44	0.36011	0.00000	0.00000	0.00000	0.00000
-2.15	0.06836	-0.43	0.33569	0.00000	0.00000	0.00000	0.00000
-2.10	0.05615	-0.42	0.34180	0.00000	0.00000	0.00000	0.00000
-2.05	0.06226	-0.41	0.33569	0.00000	0.00000	0.00000	0.00000
-2.00	0.08057	-0.40	0.32349	0.00000	0.00000	0.00000	0.00000
-1.95	0.07446	-0.39	0.40283	0.00000	0.00000	0.00000	0.00000
-1.90	0.07446	-0.38	0.37842	0.00000	0.00000	0.00000	0.00000
-1.85	0.08423	-0.37	0.39673	0.00000	0.00000	0.00000	0.00000
-1.80	0.07202	-0.36	0.36621	0.00000	0.00000	0.00000	0.00000
-1.75	0.11108	-0.35	0.35400	0.00000	0.00000	0.00000	0.00000
-1.70	0.10254	-0.34	0.39673	0.00000	0.00000	0.00000	0.00000
-1.65	0.10132	-0.33	0.42114	0.00000	0.00000	0.00000	0.00000
-1.60	0.09766	-0.32	0.31128	0.00000	0.00000	0.00000	0.00000
-1.55	0.10864	-0.31	0.36621	0.00000	0.00000	0.00000	0.00000
-1.50	0.08057	-0.30	0.47607	0.00000	0.00000	0.00000	0.00000
-1.45	0.11719	-0.29	0.33569	0.00000	0.00000	0.00000	0.00000
-1.40	0.12573	-0.28	0.37842	0.00000	0.00000	0.00000	0.00000
-1.35	0.13916	-0.27	0.42725	0.00000	0.00000	0.00000	0.00000
-1.30	0.12939	-0.26	0.36011	0.00000	0.00000	0.00000	0.00000
-1.25	0.17090	-0.25	0.43945	0.00000	0.00000	0.00000	0.00000
-1.20	0.14526	-0.24	0.39673	0.00000	0.00000	0.00000	0.00000
-1.15	0.15991	-0.23	0.40283	0.01221	0.00000	0.00000	0.00000
-1.10	0.17944	-0.22	0.39673	0.01221	0.00000	0.00000	0.00000
-1.05	0.17212	-0.21	0.40894	0.01221	0.01221	0.00000	0.00000
-1.00	0.18555	-0.20	0.35400	0.02441	0.00000	0.00000	0.00000
-0.95	0.17456	-0.19	0.32349	0.04272	0.00610	0.00000	0.00000
-0.90	0.21973	-0.18	0.49438	0.01831	0.00610	0.00000	0.00000
-0.85	0.22217	-0.17	0.39063	0.06714	0.00610	0.00000	0.00000
-0.80	0.21240	-0.16	0.44556	0.10986	0.02441	0.00000	0.00000
-0.75	0.22827	-0.15	0.43945	0.10376	0.04272	0.00000	0.00610
-0.70	0.25635	-0.14	0.44556	0.23804	0.06104	0.00000	0.01221
-0.65	0.23926	-0.13	0.46997	0.18921	0.06714	0.00000	0.01831
-0.60	0.26733	-0.12	0.39063	0.33569	0.16479	0.00000	0.02441
-0.55	0.25146	-0.11	0.43335	0.57983	0.24414	0.00000	0.03052
-0.50	0.28931	-0.10	0.48828	0.89111	0.34180	0.01221	0.09155
-0.45	0.29053	-0.09	0.40283	1.34277	0.79956	0.02441	0.15259
-0.40	0.28931	-0.08	0.39673	2.13623	1.30615	0.11597	0.29297
-0.35	0.33081	-0.07	0.40894	3.14941	2.11182	0.40283	0.81177
-0.30	0.34546	-0.06	0.37842	4.22974	3.64990	1.37329	1.55029
-0.25	0.33813	-0.05	0.43335	5.63965	5.05033	2.97241	3.54004
-0.20	0.33081	-0.04	0.42114	6.77490	7.15842	6.04858	6.06079
-0.15	0.34912	-0.03	0.45166	8.11157	9.39331	10.5102	10.1867
-0.10	0.35034	-0.02	0.32959	9.03320	9.82666	14.1601	13.7329
-0.05	0.32593	-0.01	0.44556	9.05762	11.4074	15.8691	15.6738

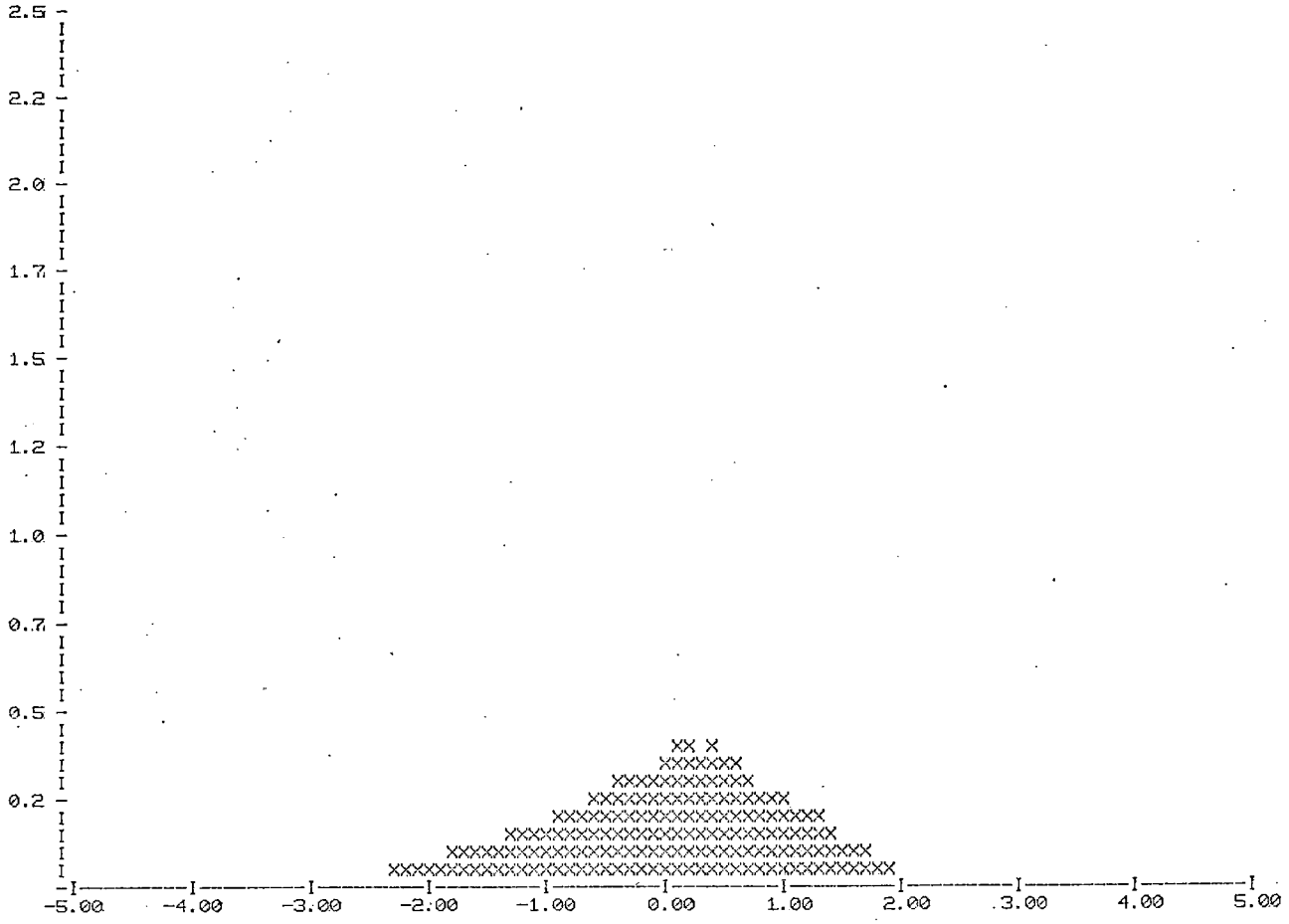
PROBABILITY DENSITY ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583

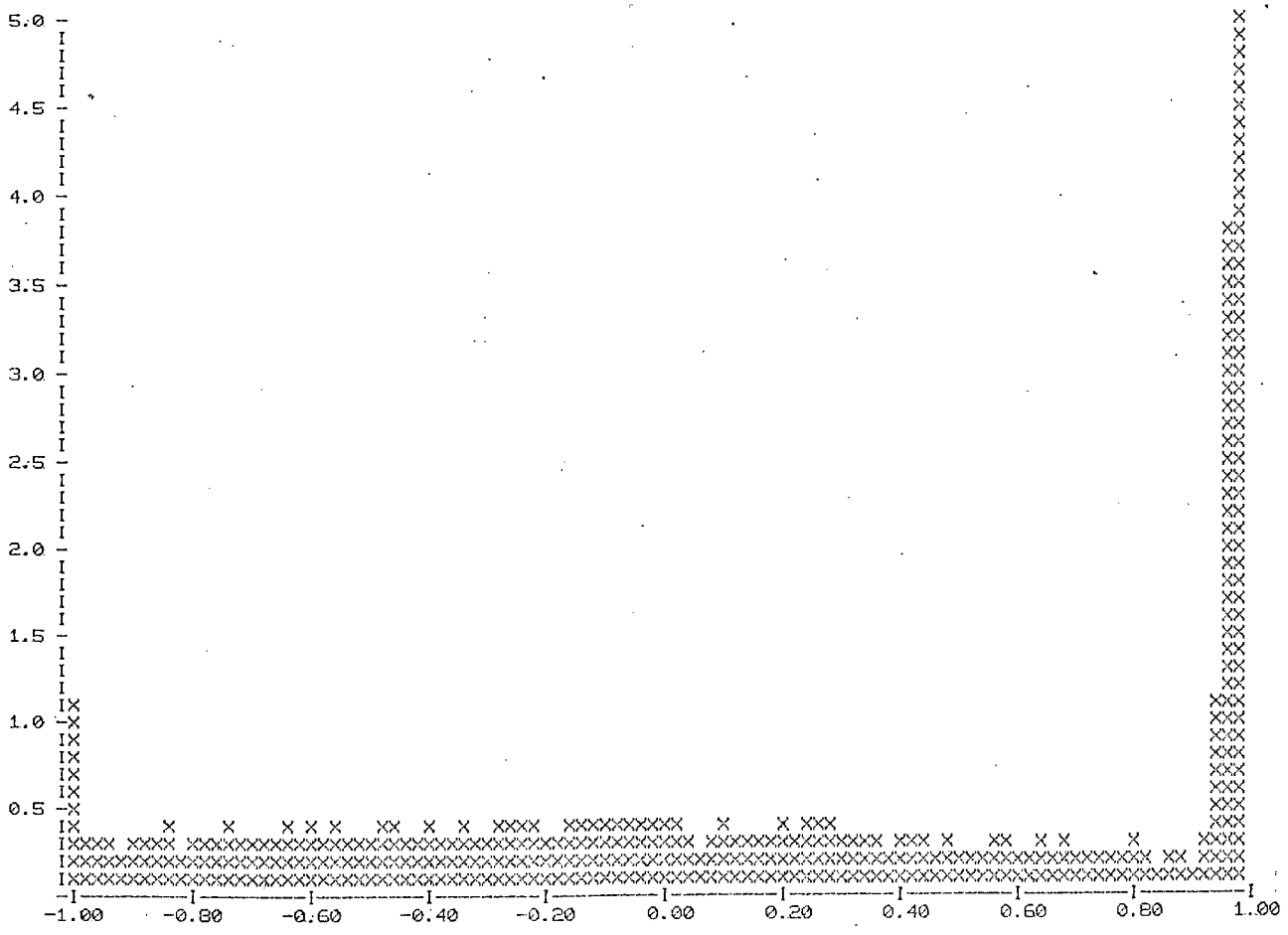
ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT (G's)	LONG.(G's)	LAT. (G's)
0.00	0.37231	0.00	0.39063	8.52661	10.7177	16.0400	14.4958
0.05	0.38818	0.01	0.41504	8.03223	8.86230	11.4868	11.3891
0.10	0.37720	0.02	0.34180	6.73218	7.81250	8.58765	7.97119
0.15	0.41260	0.03	0.40283	5.41992	6.02417	5.82275	4.58984
0.20	0.38330	0.04	0.37842	4.71191	4.46777	3.18604	3.33252
0.25	0.40527	0.05	0.37842	3.54614	3.51563	1.74561	2.30103
0.30	0.39673	0.06	0.37842	2.91748	2.44751	0.86060	1.64185
0.35	0.39429	0.07	0.27466	2.06909	1.57471	0.39673	0.94604
0.40	0.36621	0.08	0.32349	1.68457	1.00098	0.13428	0.51270
0.45	0.40649	0.09	0.36011	1.27563	0.65918	0.10376	0.29297
0.50	0.38086	0.10	0.27466	0.90942	0.51270	0.05493	0.16479
0.55	0.36743	0.11	0.43945	0.67749	0.26245	0.01221	0.09155
0.60	0.35400	0.12	0.32959	0.40894	0.17700	0.01831	0.04272
0.65	0.37476	0.13	0.37231	0.26855	0.05493	0.02441	0.02441
0.70	0.32593	0.14	0.31738	0.18311	0.04883	0.00610	0.00610
0.75	0.34790	0.15	0.32959	0.15259	0.07935	0.00610	0.01221
0.80	0.35034	0.16	0.32959	0.13428	0.00000	0.00610	0.00000
0.85	0.28564	0.17	0.34180	0.08545	0.00000	0.00000	0.00000
0.90	0.31128	0.18	0.31128	0.05493	0.00610	0.01221	0.00000
0.95	0.27832	0.19	0.39063	0.01831	0.00000	0.00610	0.00000
1.00	0.25146	0.20	0.39063	0.01221	0.01831	0.00000	0.00000
1.05	0.26123	0.21	0.43335	0.01221	0.00610	0.00000	0.00000
1.10	0.22217	0.22	0.32349	0.01831	0.01221	0.00000	0.00000
1.15	0.23804	0.23	0.33569	0.02441	0.01221	0.00000	0.00000
1.20	0.21851	0.24	0.38452	0.00000	0.00000	0.00000	0.00000
1.25	0.21484	0.25	0.43335	0.00000	0.00610	0.00000	0.00000
1.30	0.16724	0.26	0.34790	0.00000	0.00000	0.00000	0.00000
1.35	0.20142	0.27	0.40894	0.00610	0.00000	0.00000	0.00000
1.40	0.18311	0.28	0.38452	0.00000	0.00000	0.00000	0.00000
1.45	0.17456	0.29	0.42725	0.00000	0.00000	0.00000	0.00000
1.50	0.17944	0.30	0.38452	0.00000	0.00000	0.00000	0.00000
1.55	0.14893	0.31	0.36011	0.00000	0.00000	0.00000	0.00000
1.60	0.11963	0.32	0.26245	0.00000	0.00000	0.00000	0.00000
1.65	0.11353	0.33	0.39063	0.00000	0.00000	0.00000	0.00000
1.70	0.11108	0.34	0.34790	0.00000	0.00000	0.00000	0.00000
1.75	0.10254	0.35	0.37842	0.00000	0.00000	0.00000	0.00000
1.80	0.08667	0.36	0.29907	0.00610	0.00000	0.00000	0.00000
1.85	0.07080	0.37	0.30518	0.00000	0.00000	0.00000	0.00000
1.90	0.08057	0.38	0.34790	0.00000	0.00000	0.00000	0.00000
1.95	0.05371	0.39	0.29297	0.00000	0.00000	0.00000	0.00000
2.00	0.07080	0.40	0.40283	0.00000	0.00000	0.00000	0.00000
2.05	0.04028	0.41	0.33569	0.00000	0.00000	0.00000	0.00000
2.10	0.04883	0.42	0.34180	0.00000	0.00000	0.00000	0.00000
2.15	0.03906	0.43	0.36621	0.00000	0.00000	0.00000	0.00000
2.20	0.03784	0.44	0.28687	0.00000	0.00000	0.00000	0.00000
2.25	0.02930	0.45	0.32349	0.00000	0.00000	0.00000	0.00000
2.30	0.02075	0.46	0.30518	0.00000	0.00000	0.00000	0.00000
2.35	0.03052	0.47	0.26245	0.00000	0.00000	0.00000	0.00000
2.40	0.01709	0.48	0.36621	0.00000	0.00000	0.00000	0.00000
2.45	0.01831	0.49	0.34180	0.00000	0.00000	0.00000	0.00000
2.50	0.01343	0.50	0.26855	0.00000	0.00000	0.00000	0.00000
2.55	0.01831	0.51	0.23193	0.00000	0.00000	0.00000	0.00000
2.60	0.01099	0.52	0.23804	0.00000	0.00000	0.00000	0.00000
2.65	0.01099	0.53	0.25635	0.00000	0.00000	0.00000	0.00000
2.70	0.00732	0.54	0.28687	0.00000	0.00000	0.00000	0.00000
2.75	0.00366	0.55	0.21973	0.00000	0.00000	0.00000	0.00000
2.80	0.00610	0.56	0.25024	0.00000	0.00000	0.00000	0.00000
2.85	0.01221	0.57	0.37231	0.00000	0.00000	0.00000	0.00000
2.90	0.00122	0.58	0.36621	0.00000	0.00000	0.00000	0.00000
2.95	0.00854	0.59	0.31128	0.00000	0.00000	0.00000	0.00000
3.00	0.00610	0.60	0.31128	0.00000	0.00000	0.00000	0.00000
3.05	0.00854	0.61	0.23193	0.00000	0.00000	0.00000	0.00000
3.10	0.00244	0.62	0.29297	0.00000	0.00000	0.00000	0.00000
3.15	0.00488	0.63	0.23804	0.00000	0.00000	0.00000	0.00000
3.20	0.00366	0.64	0.26855	0.00000	0.00000	0.00000	0.00000
3.25	0.00244	0.65	0.34180	0.00000	0.00000	0.00000	0.00000
3.30	0.00122	0.66	0.21973	0.00000	0.00000	0.00000	0.00000
3.35	0.00488	0.67	0.29297	0.00000	0.00000	0.00000	0.00000
3.40	0.00366	0.68	0.23193	0.00000	0.00000	0.00000	0.00000
3.45	0.00366	0.69	0.36011	0.00000	0.00000	0.00000	0.00000
3.50	0.00244	0.70	0.18921	0.00000	0.00000	0.00000	0.00000
3.55	0.00122	0.71	0.27466	0.00000	0.00000	0.00000	0.00000
3.60	0.00244	0.72	0.29297	0.00000	0.00000	0.00000	0.00000
3.65	0.00000	0.73	0.25635	0.00000	0.00000	0.00000	0.00000
3.70	0.00000	0.74	0.23804	0.00000	0.00000	0.00000	0.00000
3.75	0.00122	0.75	0.20752	0.00000	0.00000	0.00000	0.00000
3.80	0.00122	0.76	0.31738	0.00000	0.00000	0.00000	0.00000
3.85	0.00122	0.77	0.27466	0.00000	0.00000	0.00000	0.00000
3.90	0.00000	0.78	0.25635	0.00000	0.00000	0.00000	0.00000
3.95	0.00244	0.79	0.25024	0.00000	0.00000	0.00000	0.00000
4.00	0.00244	0.80	0.24414	0.00000	0.00000	0.00000	0.00000
4.05	0.00122	0.81	0.31128	0.00000	0.00000	0.00000	0.00000
4.10	0.00122	0.82	0.18921	0.00000	0.00000	0.00000	0.00000
4.15	0.00000	0.83	0.22583	0.00000	0.00000	0.00000	0.00000
4.20	0.00000	0.84	0.19531	0.00000	0.00000	0.00000	0.00000
4.25	0.00000	0.85	0.17090	0.00000	0.00000	0.00000	0.00000
4.30	0.00000	0.86	0.20752	0.00000	0.00000	0.00000	0.00000
4.35	0.00366	0.87	0.24414	0.00000	0.00000	0.00000	0.00000
4.40	0.00122	0.88	0.20752	0.00000	0.00000	0.00000	0.00000
4.45	0.00244	0.89	0.24414	0.00000	0.00000	0.00000	0.00000
4.50	0.00000	0.90	0.23804	0.00000	0.00000	0.00000	0.00000
4.55	0.00000	0.91	0.14648	0.00000	0.00000	0.00000	0.00000
4.60	0.00122	0.92	0.28687	0.00000	0.00000	0.00000	0.00000
4.65	0.00000	0.93	0.31738	0.00000	0.00000	0.00000	0.00000
4.70	0.00122	0.94	0.63477	0.00000	0.00000	0.00000	0.00000
4.75	0.00122	0.95	1.17188	0.00000	0.00000	0.00000	0.00000
4.80	0.00000	0.96	2.69165	0.00000	0.00000	0.00000	0.00000
4.85	0.00000	0.97	3.88794	0.00000	0.00000	0.00000	0.00000
4.90	0.00000	0.98	4.20532	0.00000	0.00000	0.00000	0.00000
4.95	0.00000	0.99	7.18994	0.00000	0.00000	0.00000	0.00000

PROBABILITY DENSITY ESTIMATE

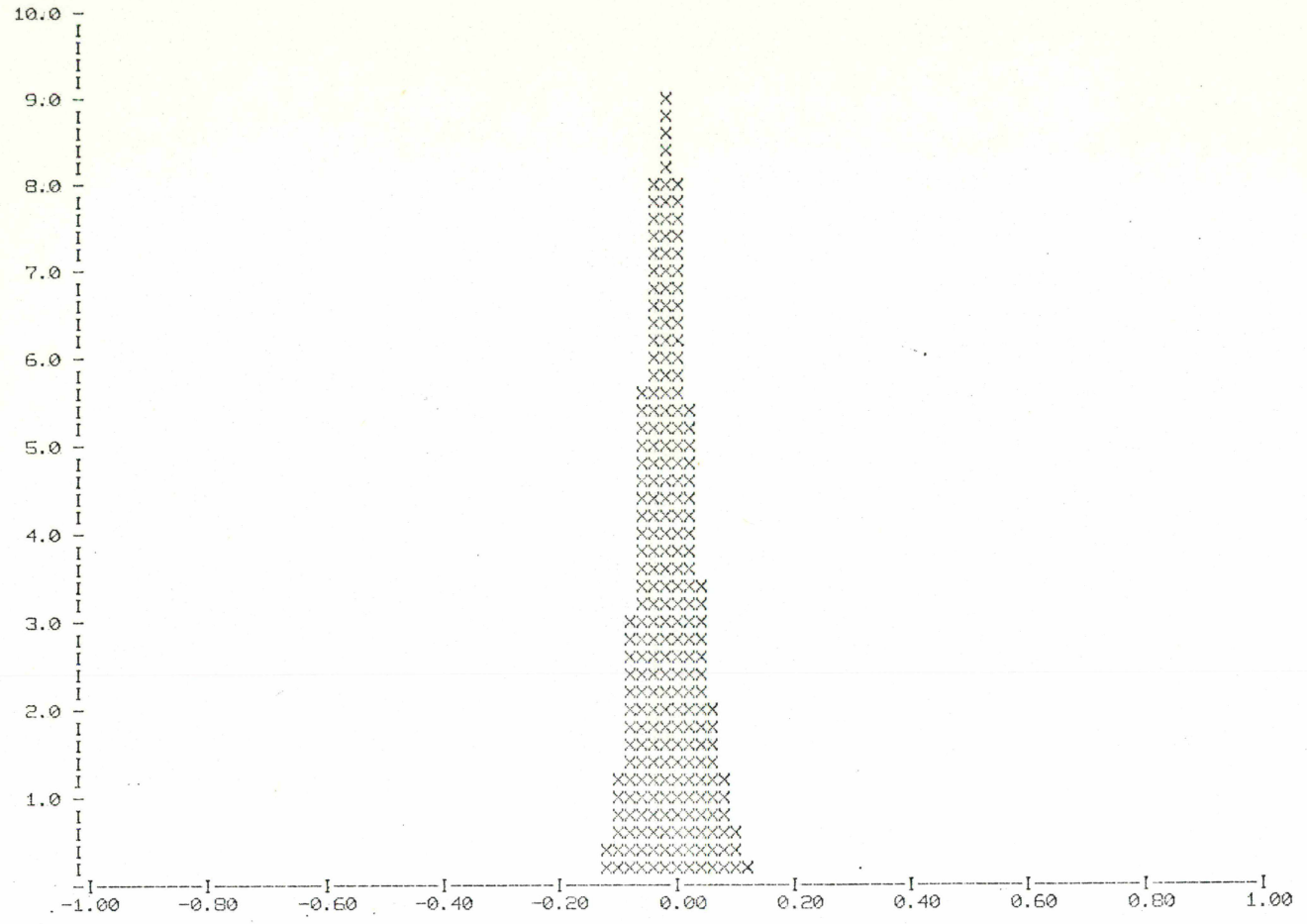
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583

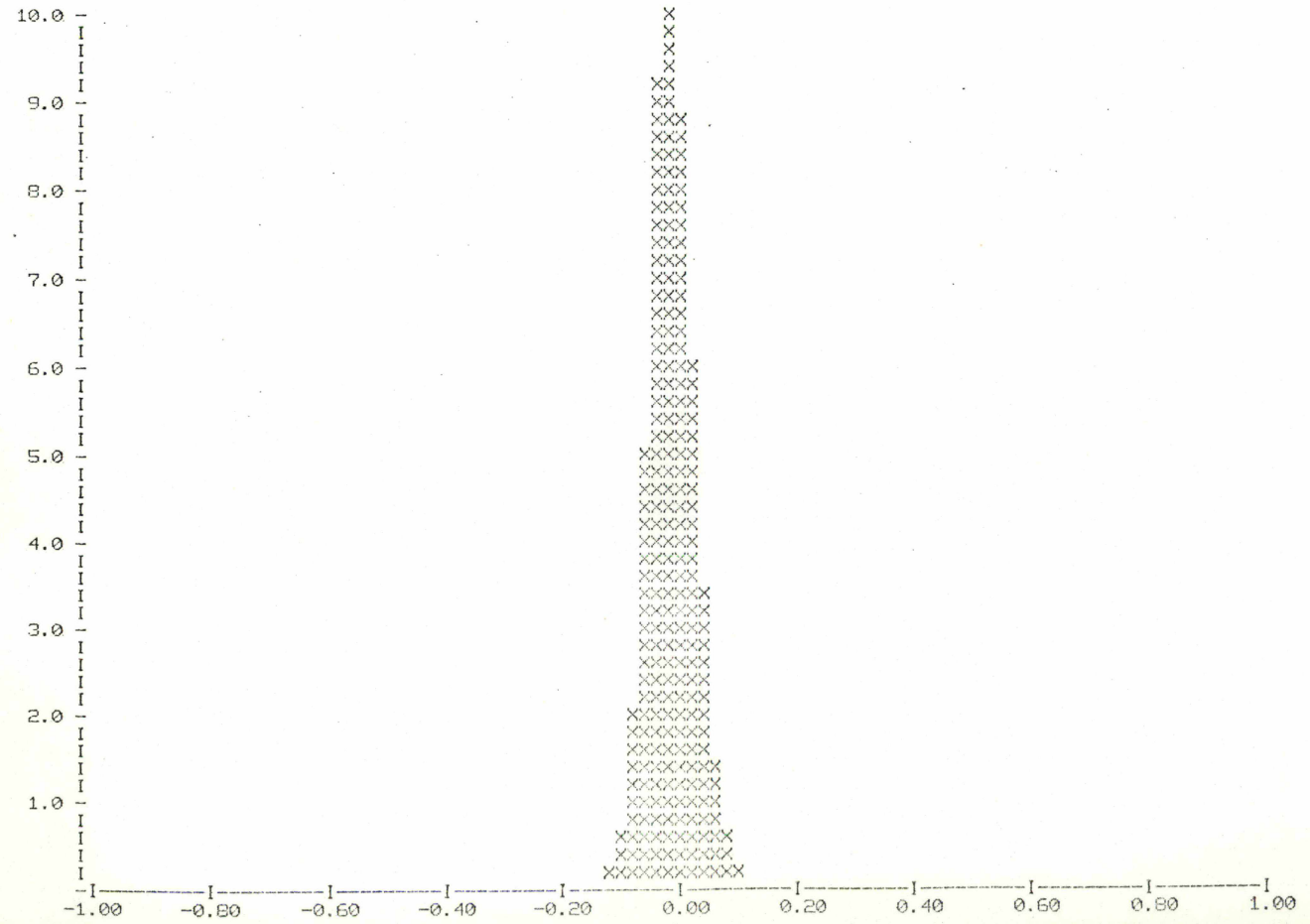


ROLL (RAD./SEC./SEC.)



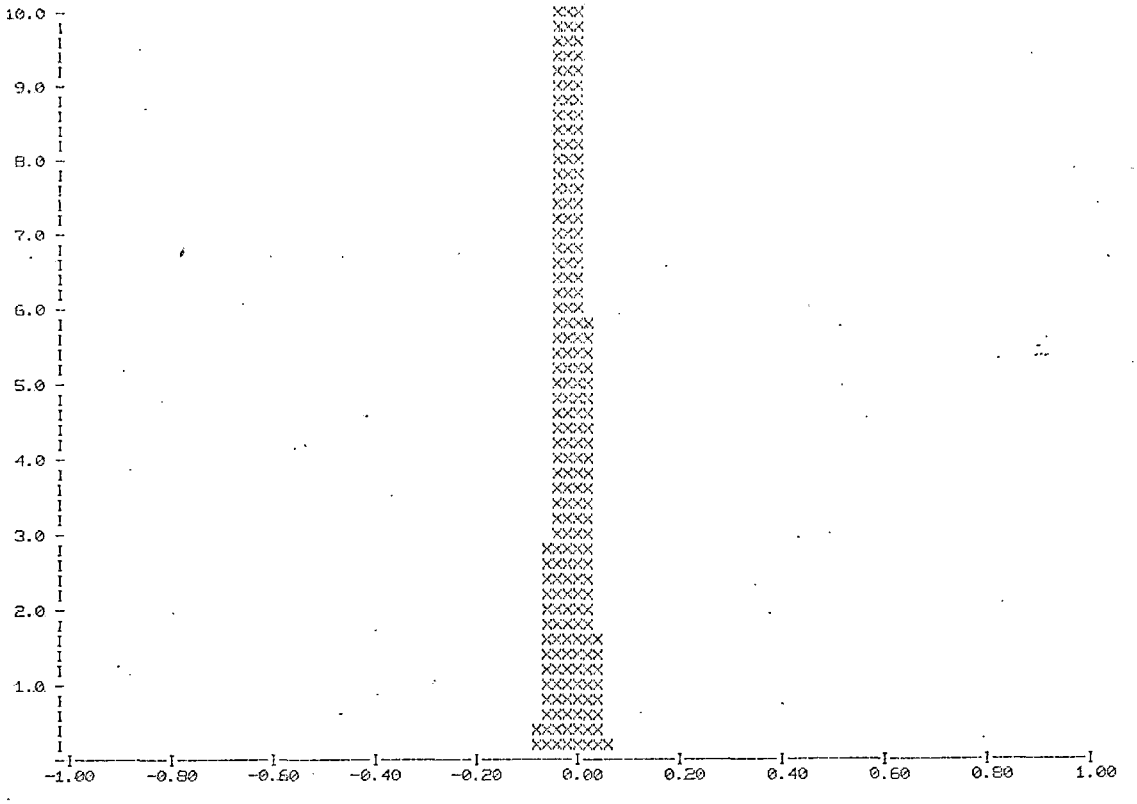
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583



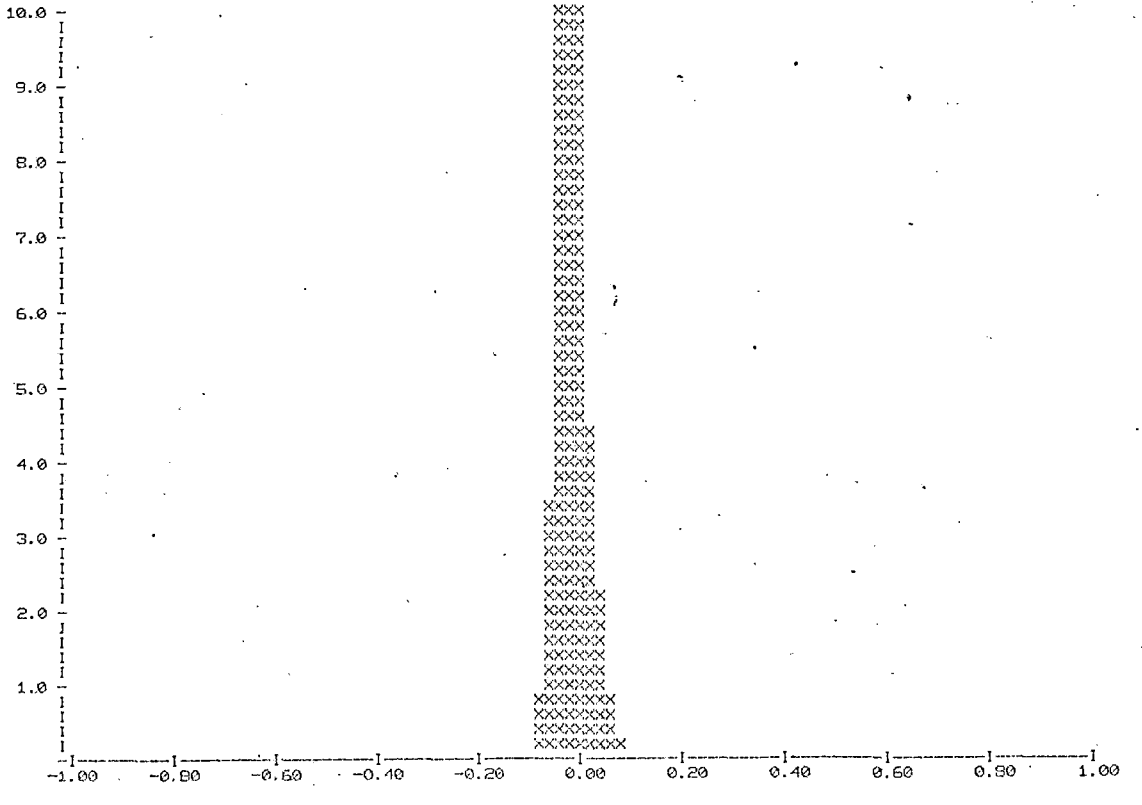


PROBABILITY DENSITY ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583



LONG. ACCELERATION (G'S)



LAT. ACCELERATION (G'S)

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583

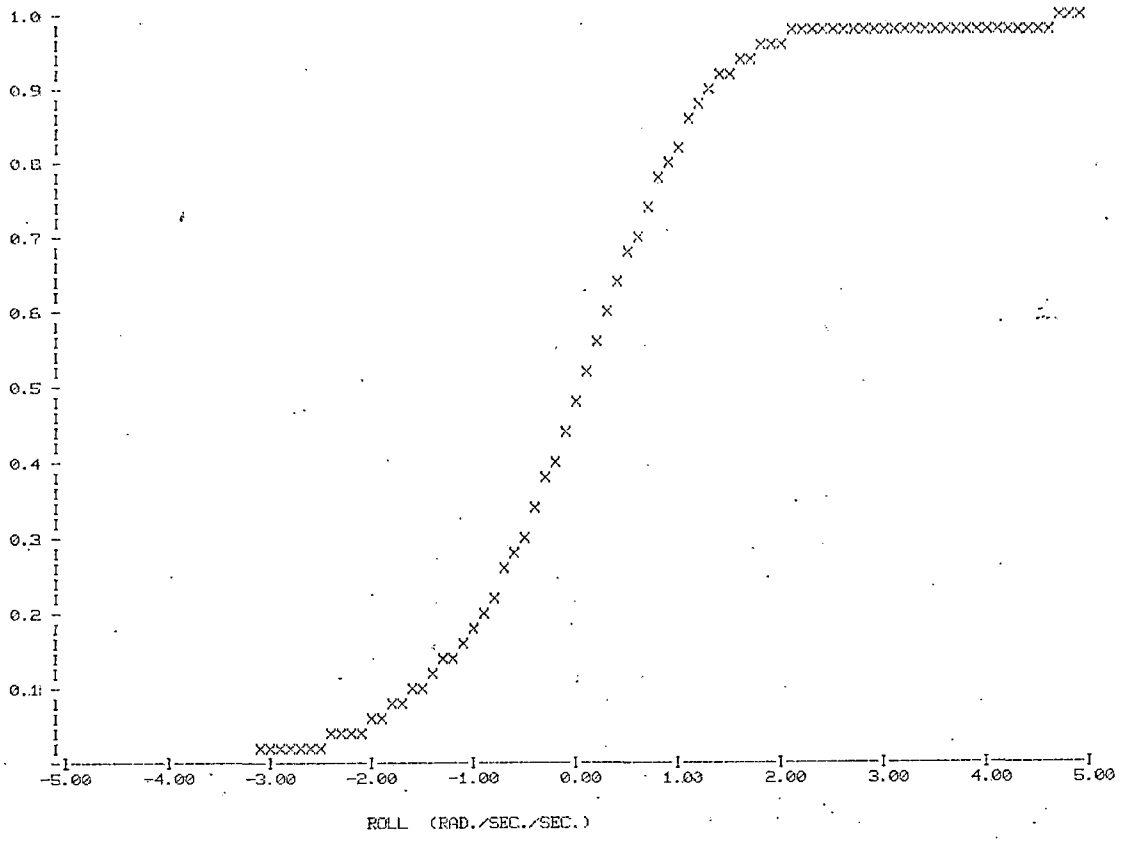
ABSCISSA 1: Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT(G's)	LONG.(G's)	LAT. (G's)
-5.00	0.00287	-1.00	0.13007	0.00000	0.00000	0.00000	0.00000
-4.95	0.00305	-0.99	0.14111	0.00000	0.00000	0.00000	0.00000
-4.90	0.00323	-0.98	0.14600	0.00000	0.00000	0.00000	0.00000
-4.85	0.00336	-0.97	0.14941	0.00000	0.00000	0.00000	0.00000
-4.80	0.00342	-0.96	0.15253	0.00000	0.00000	0.00000	0.00000
-4.75	0.00354	-0.95	0.15564	0.00000	0.00000	0.00000	0.00000
-4.70	0.00366	-0.94	0.15900	0.00000	0.00000	0.00000	0.00000
-4.65	0.00397	-0.93	0.16241	0.00000	0.00000	0.00000	0.00000
-4.60	0.00415	-0.92	0.16553	0.00000	0.00000	0.00000	0.00000
-4.55	0.00427	-0.91	0.16840	0.00000	0.00000	0.00000	0.00000
-4.50	0.00433	-0.90	0.17255	0.00000	0.00000	0.00000	0.00000
-4.45	0.00452	-0.89	0.17578	0.00000	0.00000	0.00000	0.00000
-4.40	0.00464	-0.88	0.17908	0.00000	0.00000	0.00000	0.00000
-4.35	0.00500	-0.87	0.18256	0.00000	0.00000	0.00000	0.00000
-4.30	0.00519	-0.86	0.18616	0.00000	0.00000	0.00000	0.00000
-4.25	0.00543	-0.85	0.18927	0.00000	0.00000	0.00000	0.00000
-4.20	0.00574	-0.84	0.19226	0.00000	0.00000	0.00000	0.00000
-4.15	0.00610	-0.83	0.19672	0.00000	0.00000	0.00000	0.00000
-4.10	0.00677	-0.82	0.20044	0.00000	0.00000	0.00000	0.00000
-4.05	0.00708	-0.81	0.20337	0.00000	0.00000	0.00000	0.00000
-4.00	0.00757	-0.80	0.20591	0.00000	0.00000	0.00000	0.00000
-3.95	0.00781	-0.79	0.21088	0.00000	0.00000	0.00000	0.00000
-3.90	0.00806	-0.78	0.21527	0.00000	0.00000	0.00000	0.00000
-3.85	0.00836	-0.77	0.21887	0.00000	0.00000	0.00000	0.00000
-3.80	0.00891	-0.76	0.22223	0.00000	0.00000	0.00000	0.00000
-3.75	0.00970	-0.75	0.22607	0.00000	0.00000	0.00000	0.00000
-3.70	0.01031	-0.74	0.22900	0.00000	0.00000	0.00000	0.00000
-3.65	0.01068	-0.73	0.23303	0.00000	0.00000	0.00000	0.00000
-3.60	0.01135	-0.72	0.23657	0.00000	0.00000	0.00000	0.00000
-3.55	0.01166	-0.71	0.24054	0.00000	0.00000	0.00000	0.00000
-3.50	0.01221	-0.70	0.24445	0.00000	0.00000	0.00000	0.00000
-3.45	0.01288	-0.69	0.24756	0.00000	0.00000	0.00000	0.00000
-3.40	0.01343	-0.68	0.25128	0.00000	0.00000	0.00000	0.00000
-3.35	0.01422	-0.67	0.25482	0.00000	0.00000	0.00000	0.00000
-3.30	0.01501	-0.66	0.25867	0.00000	0.00000	0.00000	0.00000
-3.25	0.01599	-0.65	0.26190	0.00000	0.00000	0.00000	0.00000
-3.20	0.01703	-0.64	0.26593	0.00000	0.00000	0.00000	0.00000
-3.15	0.01788	-0.63	0.26996	0.00000	0.00000	0.00000	0.00000
-3.10	0.01898	-0.62	0.27368	0.00000	0.00000	0.00000	0.00000
-3.05	0.02014	-0.61	0.27759	0.00000	0.00000	0.00000	0.00000
-3.00	0.02106	-0.60	0.28168	0.00000	0.00000	0.00000	0.00000
-2.95	0.02216	-0.59	0.28601	0.00000	0.00000	0.00000	0.00000
-2.90	0.02319	-0.58	0.28900	0.00000	0.00000	0.00000	0.00000
-2.85	0.02490	-0.57	0.29248	0.00000	0.00000	0.00000	0.00000
-2.80	0.02582	-0.56	0.29572	0.00000	0.00000	0.00000	0.00000
-2.75	0.02722	-0.55	0.30042	0.00000	0.00000	0.00000	0.00000
-2.70	0.02869	-0.54	0.30408	0.00000	0.00000	0.00000	0.00000
-2.65	0.03052	-0.53	0.30768	0.00000	0.00000	0.00000	0.00000
-2.60	0.03198	-0.52	0.31042	0.00000	0.00000	0.00000	0.00000
-2.55	0.03339	-0.51	0.31427	0.00000	0.00000	0.00000	0.00000
-2.50	0.03503	-0.50	0.31738	0.00000	0.00000	0.00000	0.00000
-2.45	0.03717	-0.49	0.32092	0.00000	0.00000	0.00000	0.00000
-2.40	0.03918	-0.48	0.32458	0.00000	0.00000	0.00000	0.00000
-2.35	0.04114	-0.47	0.32910	0.00000	0.00000	0.00000	0.00000
-2.30	0.04388	-0.46	0.33319	0.00000	0.00000	0.00000	0.00000
-2.25	0.04645	-0.45	0.33734	0.00000	0.00000	0.00000	0.00000
-2.20	0.04980	-0.44	0.34094	0.00000	0.00000	0.00000	0.00000
-2.15	0.05322	-0.43	0.34430	0.00000	0.00000	0.00000	0.00000
-2.10	0.05603	-0.42	0.34772	0.00000	0.00000	0.00000	0.00000
-2.05	0.05914	-0.41	0.35107	0.00000	0.00000	0.00000	0.00000
-2.00	0.06317	-0.40	0.35431	0.00000	0.00000	0.00000	0.00000
-1.95	0.06689	-0.39	0.35834	0.00000	0.00000	0.00000	0.00000
-1.90	0.07062	-0.38	0.36212	0.00000	0.00000	0.00000	0.00000
-1.85	0.07483	-0.37	0.36609	0.00000	0.00000	0.00000	0.00000
-1.80	0.07843	-0.36	0.36975	0.00000	0.00000	0.00000	0.00000
-1.75	0.08398	-0.35	0.37329	0.00000	0.00000	0.00000	0.00000
-1.70	0.08911	-0.34	0.37726	0.00000	0.00000	0.00000	0.00000
-1.65	0.09418	-0.33	0.38147	0.00000	0.00000	0.00000	0.00000
-1.60	0.09906	-0.32	0.38458	0.00000	0.00000	0.00000	0.00000
-1.55	0.10449	-0.31	0.38824	0.00000	0.00000	0.00000	0.00000
-1.50	0.10852	-0.30	0.39301	0.00000	0.00000	0.00000	0.00000
-1.45	0.11438	-0.29	0.39636	0.00000	0.00000	0.00000	0.00000
-1.40	0.12067	-0.28	0.40015	0.00000	0.00000	0.00000	0.00000
-1.35	0.12762	-0.27	0.40442	0.00000	0.00000	0.00000	0.00000
-1.30	0.13409	-0.26	0.40802	0.00000	0.00000	0.00000	0.00000
-1.25	0.14264	-0.25	0.41241	0.00000	0.00000	0.00000	0.00000
-1.20	0.14990	-0.24	0.41638	0.00000	0.00000	0.00000	0.00000
-1.15	0.15790	-0.23	0.42041	0.00012	0.00000	0.00000	0.00000
-1.10	0.16687	-0.22	0.42438	0.00024	0.00000	0.00000	0.00000
-1.05	0.17548	-0.21	0.42847	0.00037	0.00012	0.00000	0.00000
-1.00	0.18475	-0.20	0.43201	0.00061	0.00012	0.00000	0.00000
-0.95	0.19348	-0.19	0.43524	0.00104	0.00018	0.00000	0.00000
-0.90	0.20447	-0.18	0.44019	0.00122	0.00024	0.00000	0.00000
-0.85	0.21558	-0.17	0.44409	0.00189	0.00031	0.00000	0.00000
-0.80	0.22620	-0.16	0.44855	0.00299	0.00055	0.00000	0.00000
-0.75	0.23761	-0.15	0.45294	0.00403	0.00098	0.00000	0.00006
-0.70	0.25043	-0.14	0.45740	0.00641	0.00159	0.00000	0.00018
-0.65	0.26239	-0.13	0.46210	0.00830	0.00226	0.00000	0.00037
-0.60	0.27576	-0.12	0.46600	0.01166	0.00391	0.00000	0.00061
-0.55	0.28833	-0.11	0.47034	0.01746	0.00535	0.00000	0.00092
-0.50	0.30280	-0.10	0.47522	0.02637	0.00977	0.00012	0.00183
-0.45	0.31732	-0.09	0.47925	0.03979	0.01776	0.00037	0.00336
-0.40	0.33179	-0.08	0.48322	0.06116	0.03082	0.00153	0.00629
-0.35	0.34833	-0.07	0.48730	0.09265	0.05194	0.00555	0.01440
-0.30	0.36560	-0.06	0.49109	0.13495	0.08844	0.01929	0.02991
-0.25	0.38251	-0.05	0.49542	0.19135	0.13934	0.04901	0.06531
-0.20	0.39905	-0.04	0.49963	0.25909	0.21094	0.10950	0.12592
-0.15	0.41650	-0.03	0.50415	0.34021	0.30487	0.21460	0.22778
-0.10	0.43402	-0.02	0.50745	0.43054	0.40314	0.35620	0.36511
-0.05	0.45032	-0.01	0.51190	0.52112	0.51721	0.51489	0.52185

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583

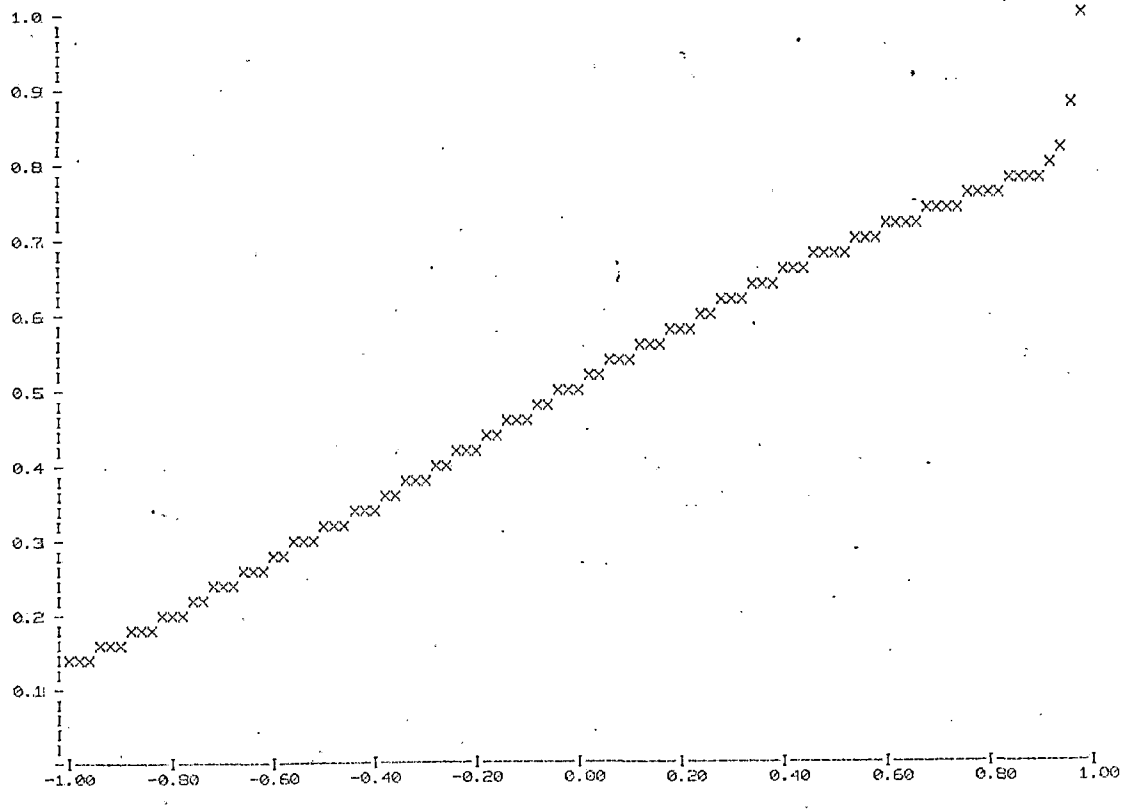
ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT (G's)	LONG.(G's)	LAT.(G's)
0.00	0.46893	0.00	0.51581	0.60638	0.62439	0.67529	0.66681
0.05	0.48834	0.01	0.51996	0.68671	0.71301	0.79016	0.78070
0.10	0.50720	0.02	0.52338	0.75403	0.79114	0.87604	0.86041
0.15	0.52783	0.03	0.52740	0.80823	0.85138	0.93427	0.90631
0.20	0.54700	0.04	0.53119	0.85535	0.89606	0.96613	0.93964
0.25	0.56726	0.05	0.53497	0.89081	0.93121	0.98358	0.96265
0.30	0.58710	0.06	0.53876	0.91998	0.95569	0.99219	0.97906
0.35	0.60681	0.07	0.54150	0.94067	0.97144	0.99615	0.98853
0.40	0.62512	0.08	0.54474	0.95752	0.98145	0.99750	0.99365
0.45	0.64545	0.09	0.54834	0.97028	0.98804	0.99854	0.99658
0.50	0.66449	0.10	0.55109	0.97937	0.99316	0.99908	0.99823
0.55	0.68286	0.11	0.55548	0.98615	0.99579	0.99921	0.99915
0.60	0.70056	0.12	0.55878	0.99023	0.99756	0.99939	0.99957
0.65	0.71930	0.13	0.56250	0.99292	0.99811	0.99963	0.99982
0.70	0.73560	0.14	0.56567	0.99475	0.99860	0.99969	0.99988
0.75	0.75299	0.15	0.56897	0.99628	0.99939	0.99976	1.00000
0.80	0.77051	0.16	0.57227	0.99762	0.99939	0.99982	1.00000
0.85	0.78479	0.17	0.57568	0.99847	0.99939	0.99982	1.00000
0.90	0.80035	0.18	0.57880	0.99902	0.99945	0.99994	1.00000
0.95	0.81427	0.19	0.58270	0.99921	0.99945	1.00000	1.00000
1.00	0.82684	0.20	0.58661	0.99933	0.99963	1.00000	1.00000
1.05	0.83990	0.21	0.59094	0.99945	0.99969	1.00000	1.00000
1.10	0.85101	0.22	0.59418	0.99963	0.99982	1.00000	1.00000
1.15	0.86292	0.23	0.59753	0.99988	0.99994	1.00000	1.00000
1.20	0.87384	0.24	0.60138	0.99988	0.99994	1.00000	1.00000
1.25	0.88458	0.25	0.60571	0.99988	1.00000	1.00000	1.00000
1.30	0.89294	0.26	0.60919	0.99988	1.00000	1.00000	1.00000
1.35	0.90302	0.27	0.61328	0.99994	1.00000	1.00000	1.00000
1.40	0.91217	0.28	0.61713	0.99994	1.00000	1.00000	1.00000
1.45	0.92090	0.29	0.62140	0.99994	1.00000	1.00000	1.00000
1.50	0.92987	0.30	0.62524	0.99994	1.00000	1.00000	1.00000
1.55	0.93732	0.31	0.62885	0.99994	1.00000	1.00000	1.00000
1.60	0.94330	0.32	0.63147	0.99994	1.00000	1.00000	1.00000
1.65	0.94897	0.33	0.63538	0.99994	1.00000	1.00000	1.00000
1.70	0.95453	0.34	0.63885	0.99994	1.00000	1.00000	1.00000
1.75	0.95966	0.35	0.64264	0.99994	1.00000	1.00000	1.00000
1.80	0.96399	0.36	0.64563	1.00000	1.00000	1.00000	1.00000
1.85	0.96753	0.37	0.64868	1.00000	1.00000	1.00000	1.00000
1.90	0.97156	0.38	0.65216	1.00000	1.00000	1.00000	1.00000
1.95	0.97424	0.39	0.65509	1.00000	1.00000	1.00000	1.00000
2.00	0.97778	0.40	0.65912	1.00000	1.00000	1.00000	1.00000
2.05	0.97980	0.41	0.66248	1.00000	1.00000	1.00000	1.00000
2.10	0.98224	0.42	0.66589	1.00000	1.00000	1.00000	1.00000
2.15	0.98419	0.43	0.66956	1.00000	1.00000	1.00000	1.00000
2.20	0.98608	0.44	0.67242	1.00000	1.00000	1.00000	1.00000
2.25	0.98755	0.45	0.67566	1.00000	1.00000	1.00000	1.00000
2.30	0.98859	0.46	0.67871	1.00000	1.00000	1.00000	1.00000
2.35	0.99011	0.47	0.68134	1.00000	1.00000	1.00000	1.00000
2.40	0.99097	0.48	0.68500	1.00000	1.00000	1.00000	1.00000
2.45	0.99188	0.49	0.68842	1.00000	1.00000	1.00000	1.00000
2.50	0.99255	0.50	0.69110	1.00000	1.00000	1.00000	1.00000
2.55	0.99347	0.51	0.69342	1.00000	1.00000	1.00000	1.00000
2.60	0.99402	0.52	0.69580	1.00000	1.00000	1.00000	1.00000
2.65	0.99457	0.53	0.69836	1.00000	1.00000	1.00000	1.00000
2.70	0.99493	0.54	0.70123	1.00000	1.00000	1.00000	1.00000
2.75	0.99512	0.55	0.70343	1.00000	1.00000	1.00000	1.00000
2.80	0.99542	0.56	0.70593	1.00000	1.00000	1.00000	1.00000
2.85	0.99603	0.57	0.70966	1.00000	1.00000	1.00000	1.00000
2.90	0.99609	0.58	0.71332	1.00000	1.00000	1.00000	1.00000
2.95	0.99652	0.59	0.71643	1.00000	1.00000	1.00000	1.00000
3.00	0.99683	0.60	0.71954	1.00000	1.00000	1.00000	1.00000
3.05	0.99725	0.61	0.72186	1.00000	1.00000	1.00000	1.00000
3.10	0.99738	0.62	0.72479	1.00000	1.00000	1.00000	1.00000
3.15	0.99762	0.63	0.72717	1.00000	1.00000	1.00000	1.00000
3.20	0.99780	0.64	0.72986	1.00000	1.00000	1.00000	1.00000
3.25	0.99792	0.65	0.73328	1.00000	1.00000	1.00000	1.00000
3.30	0.99799	0.66	0.73547	1.00000	1.00000	1.00000	1.00000
3.35	0.99823	0.67	0.73840	1.00000	1.00000	1.00000	1.00000
3.40	0.99841	0.68	0.74072	1.00000	1.00000	1.00000	1.00000
3.45	0.99860	0.69	0.74432	1.00000	1.00000	1.00000	1.00000
3.50	0.99872	0.70	0.74622	1.00000	1.00000	1.00000	1.00000
3.55	0.99878	0.71	0.74896	1.00000	1.00000	1.00000	1.00000
3.60	0.99890	0.72	0.75189	1.00000	1.00000	1.00000	1.00000
3.65	0.99890	0.73	0.75446	1.00000	1.00000	1.00000	1.00000
3.70	0.99890	0.74	0.75584	1.00000	1.00000	1.00000	1.00000
3.75	0.99896	0.75	0.75891	1.00000	1.00000	1.00000	1.00000
3.80	0.99902	0.76	0.76208	1.00000	1.00000	1.00000	1.00000
3.85	0.99908	0.77	0.76483	1.00000	1.00000	1.00000	1.00000
3.90	0.99908	0.78	0.76740	1.00000	1.00000	1.00000	1.00000
3.95	0.99921	0.79	0.76990	1.00000	1.00000	1.00000	1.00000
4.00	0.99933	0.80	0.77234	1.00000	1.00000	1.00000	1.00000
4.05	0.99939	0.81	0.77545	1.00000	1.00000	1.00000	1.00000
4.10	0.99945	0.82	0.77734	1.00000	1.00000	1.00000	1.00000
4.15	0.99945	0.83	0.77960	1.00000	1.00000	1.00000	1.00000
4.20	0.99945	0.84	0.78156	1.00000	1.00000	1.00000	1.00000
4.25	0.99945	0.85	0.78326	1.00000	1.00000	1.00000	1.00000
4.30	0.99945	0.86	0.78534	1.00000	1.00000	1.00000	1.00000
4.35	0.99963	0.87	0.78778	1.00000	1.00000	1.00000	1.00000
4.40	0.99969	0.88	0.78986	1.00000	1.00000	1.00000	1.00000
4.45	0.99982	0.89	0.79230	1.00000	1.00000	1.00000	1.00000
4.50	0.99982	0.90	0.79468	1.00000	1.00000	1.00000	1.00000
4.55	0.99982	0.91	0.79614	1.00000	1.00000	1.00000	1.00000
4.60	0.99988	0.92	0.79901	1.00000	1.00000	1.00000	1.00000
4.65	0.99988	0.93	0.80219	1.00000	1.00000	1.00000	1.00000
4.70	0.99994	0.94	0.80853	1.00000	1.00000	1.00000	1.00000
4.75	1.00000	0.95	0.82025	1.00000	1.00000	1.00000	1.00000
4.80	1.00000	0.96	0.84717	1.00000	1.00000	1.00000	1.00000
4.85	1.00000	0.97	0.88605	1.00000	1.00000	1.00000	1.00000
4.90	1.00000	0.98	0.92810	1.00000	1.00000	1.00000	1.00000
4.95	1.00000	0.99	1.00000	1.00000	1.00000	1.00000	1.00000

DISTRIBUTION FUNCTION ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583



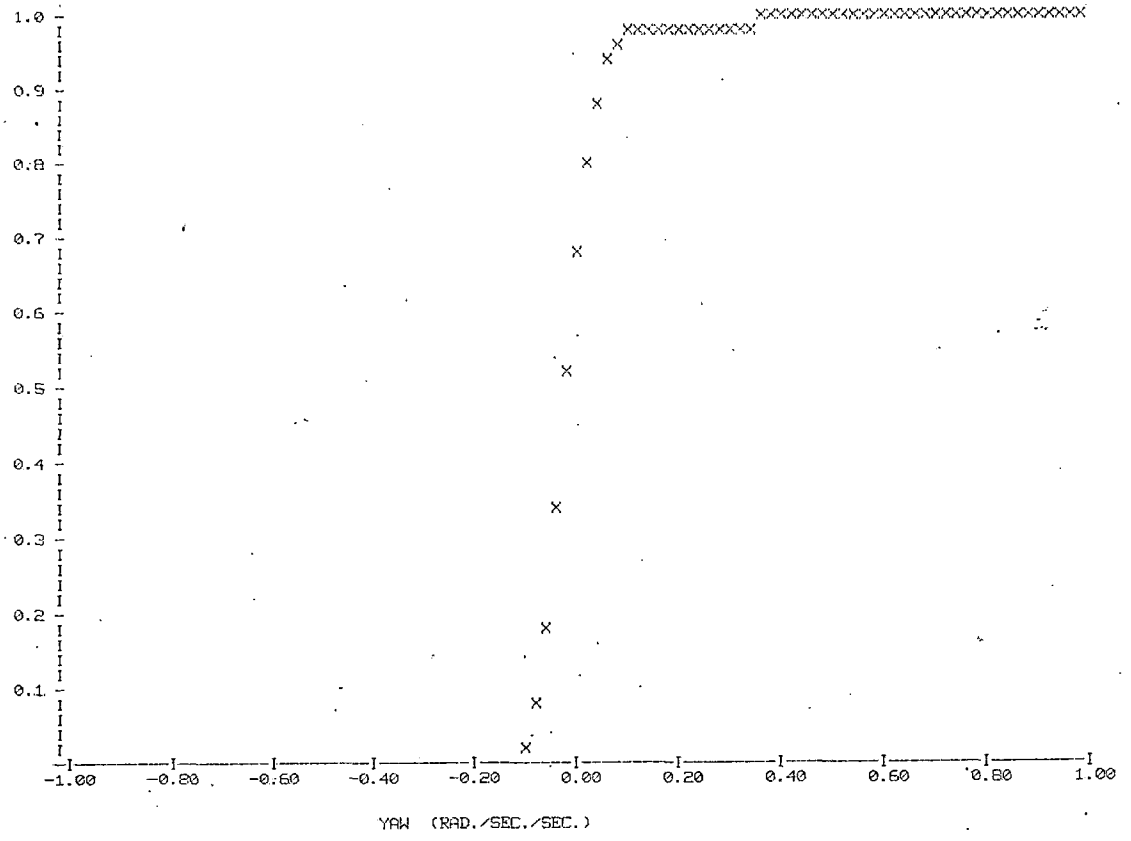
ROLL (RAD./SEC./SEC.)

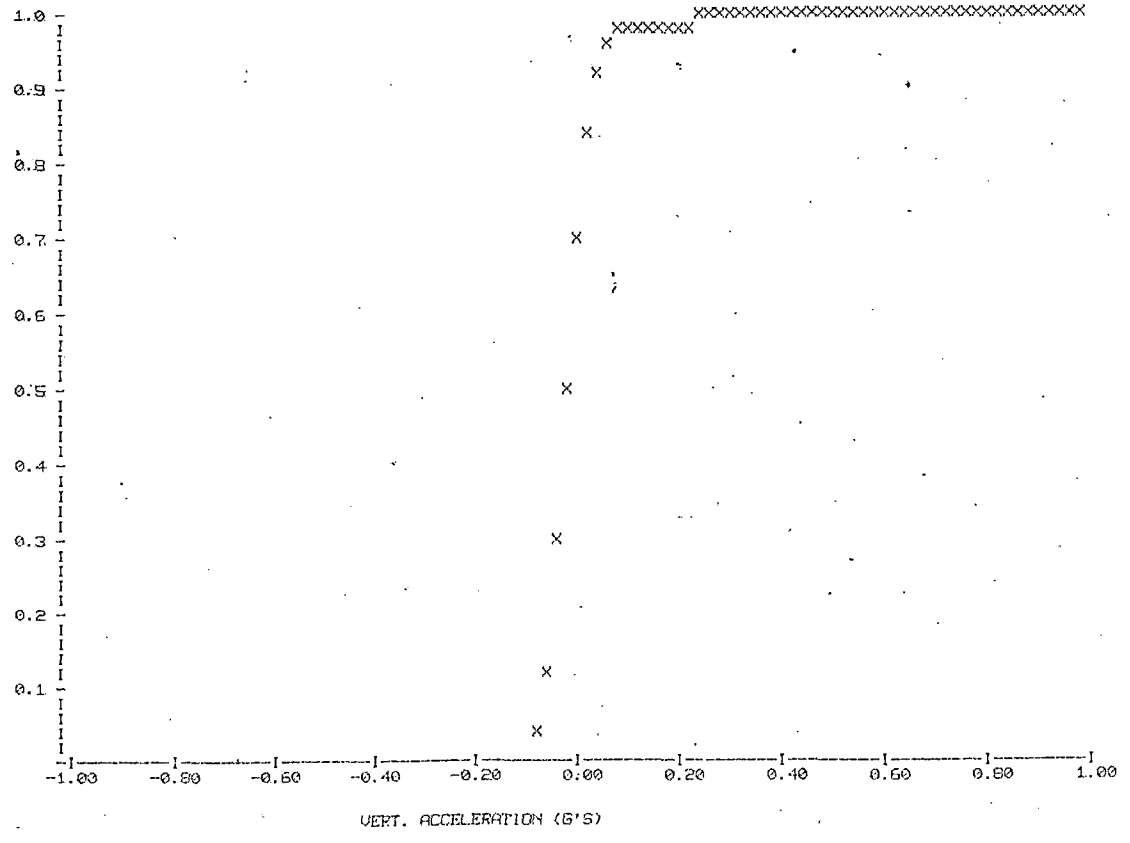


PITCH (RAD./SEC./SEC.)

DISTRIBUTION FUNCTION ESTIMATE

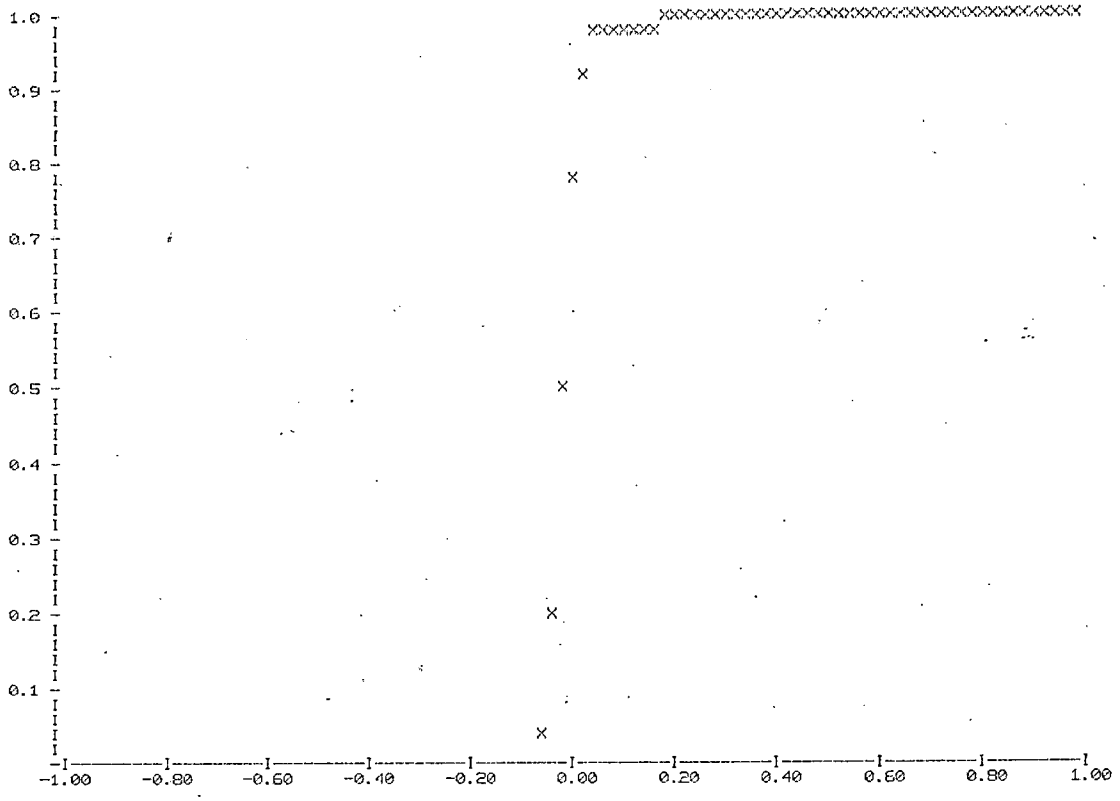
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583



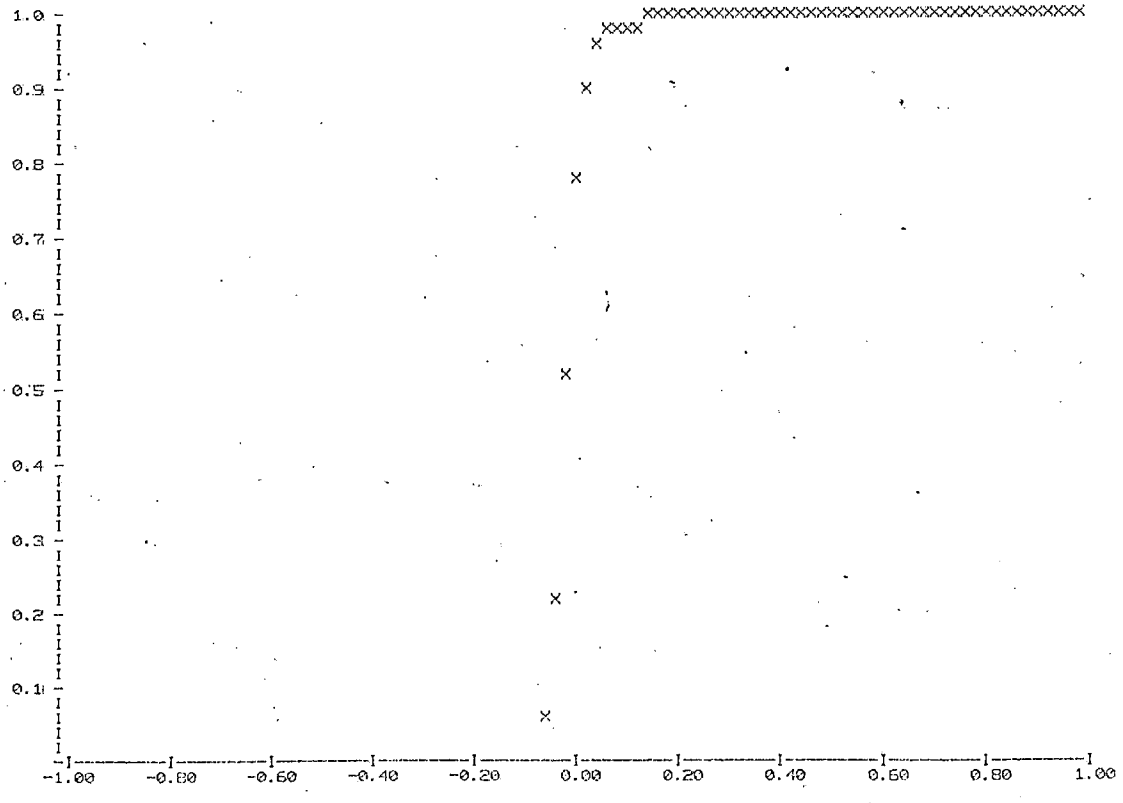


DISTRIBUTION FUNCTION ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583

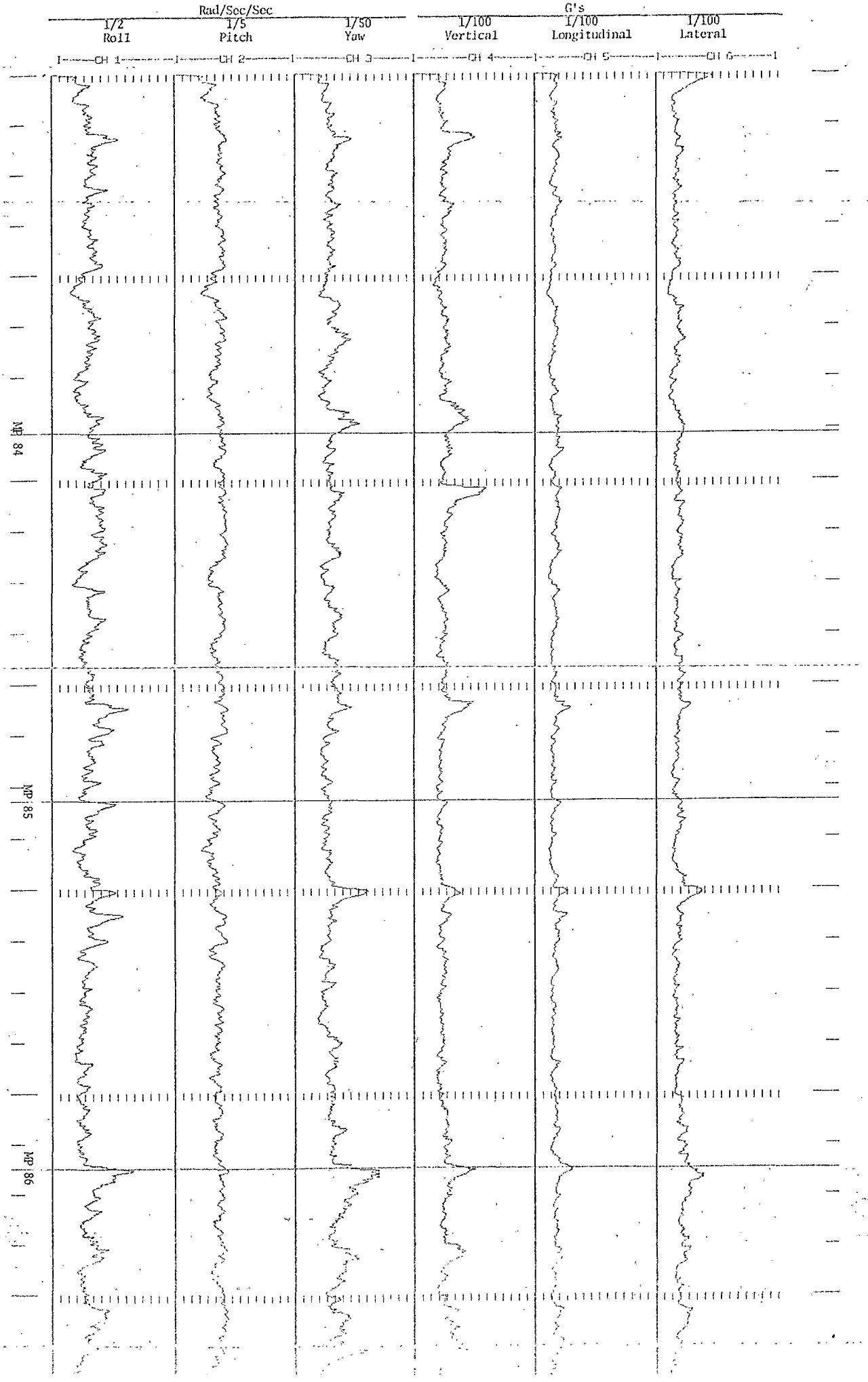


LONG. ACCELERATION (G'S)



LAT. ACCELERATION (G'S)

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3456-3583



ISO Bands - RMS ACCELERATION IN G S

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	0.00037	0.00000	0.00000		LB	0.00363	0.00461	0.00559
1.0 HZ	EV	0.00242	0.00473	0.00430	10.0 HZ	EV	0.00471	0.00576	0.00711
	UB	0.00340	0.00721	0.00676		UB	0.00558	0.00671	0.00835
	LB	0.00114	0.00000	0.00195		LB	0.00225	0.00578	0.00582
1.3 HZ	EV	0.00251	0.00670	0.00491	12.5 HZ	EV	0.00668	0.00791	0.00967
	UB	0.00337	0.00963	0.00667		UB	0.00917	0.00958	0.01238
	LB	0.00162	0.00000	0.00000		LB	0.00838	0.00681	0.01017
1.6 HZ	EV	0.00243	0.00468	0.00536	16.0 HZ	EV	0.01170	0.00868	0.01404
	UB	0.00303	0.00670	0.00784		UB	0.01426	0.01022	0.01705
	LB	0.00178	0.00201	0.00000		LB	0.00426	0.00404	0.00447
2.0 HZ	EV	0.00252	0.00472	0.00703	20.0 HZ	EV	0.00555	0.00460	0.00543
	UB	0.00308	0.00637	0.01050		UB	0.00659	0.00510	0.00624
	LB	0.00157	0.00312	0.00232		LB	0.00379	0.00431	0.00411
2.5 HZ	EV	0.00238	0.00497	0.00819	25.0 HZ	EV	0.00462	0.00499	0.00492
	UB	0.00297	0.00630	0.01135		UB	0.00532	0.00559	0.00563
	LB	0.00164	0.00229	0.00195		LB	0.00477	0.00568	0.00773
3.1 HZ	EV	0.00230	0.00384	0.00680	31.5 HZ	EV	0.00538	0.00660	0.00865
	UB	0.00280	0.00492	0.00942		UB	0.00593	0.00741	0.00948
	LB	0.00173	0.00180	0.00274		LB	0.00358	0.00387	0.00658
4.0 HZ	EV	0.00231	0.00383	0.00830	40.0 HZ	EV	0.00433	0.00453	0.00857
	UB	0.00277	0.00510	0.01142		UB	0.00498	0.00510	0.01018
	LB	0.00168	0.00000	0.00320		LB	0.00391	0.00419	0.00494
5.0 HZ	EV	0.00342	0.00585	0.01472	50.0 HZ	EV	0.00437	0.00452	0.00545
	UB	0.00454	0.00895	0.02058		UB	0.00478	0.00482	0.00591
	LB	0.00372	0.00340	0.00674		LB	0.00661	0.00657	0.00825
6.3 HZ	EV	0.00507	0.00637	0.01066	63.0 HZ	EV	0.00752	0.00748	0.00915
	UB	0.00613	0.00835	0.01349		UB	0.00834	0.00830	0.00996
	LB	0.00723	0.00097	0.00886		LB	0.00474	0.00473	0.00517
8.0 HZ	EV	0.01078	0.00959	0.01257	80.0 HZ	EV	0.00513	0.00509	0.00551
	UB	0.01343	0.01353	0.01541		UB	0.00549	0.00543	0.00584

ISO Bands - RMS ACCELERATION IN M/S2

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	0.00364	0.00000	0.00000		LB	0.03563	0.04523	0.05486
1.0 HZ	EV	0.02373	0.04637	0.04218	10.0 HZ	EV	0.04618	0.05646	0.06971
	UB	0.03336	0.07072	0.06628		UB	0.05473	0.06581	0.08191
	LB	0.01114	0.00000	0.01910		LB	0.02208	0.05668	0.05710
1.3 HZ	EV	0.02465	0.06573	0.04815	12.5 HZ	EV	0.06550	0.07760	0.09485
	UB	0.03303	0.09447	0.06537		UB	0.08996	0.09397	0.12138
	LB	0.01585	0.00000	0.00000		LB	0.08220	0.06681	0.09970
1.6 HZ	EV	0.02381	0.04593	0.05252	16.0 HZ	EV	0.11470	0.08517	0.13765
	UB	0.02970	0.06568	0.07690		UB	0.13984	0.10021	0.16720
	LB	0.01750	0.01971	0.00000		LB	0.04173	0.03966	0.04386
2.0 HZ	EV	0.02467	0.04628	0.06897	20.0 HZ	EV	0.05440	0.04513	0.05325
	UB	0.03018	0.06242	0.10298		UB	0.06463	0.05000	0.06121
	LB	0.01542	0.03063	0.02275		LB	0.03714	0.04231	0.04026
2.5 HZ	EV	0.02332	0.04877	0.08035	25.0 HZ	EV	0.04528	0.04897	0.04829
	UB	0.02916	0.06180	0.11133		UB	0.05217	0.05484	0.05516
	LB	0.01513	0.02241	0.01917		LB	0.04673	0.05568	0.07583
3.1 HZ	EV	0.02253	0.03763	0.06668	31.5 HZ	EV	0.05275	0.06475	0.08484
	UB	0.02748	0.04827	0.09233		UB	0.05814	0.07270	0.09297
	LB	0.01697	0.01761	0.02691		LB	0.03511	0.03799	0.06456
4.0 HZ	EV	0.02267	0.03752	0.08142	40.0 HZ	EV	0.04250	0.04444	0.08407
	UB	0.02721	0.05005	0.11195		UB	0.04879	0.05006	0.09984
	LB	0.01648	0.00000	0.03141		LB	0.03836	0.04110	0.04846
5.0 HZ	EV	0.03355	0.05737	0.14439	50.0 HZ	EV	0.04285	0.04431	0.05342
	UB	0.04449	0.08773	0.20177		UB	0.04692	0.04731	0.05796
	LB	0.03647	0.03337	0.06606		LB	0.06481	0.06441	0.08087
6.3 HZ	EV	0.04972	0.06251	0.10453	63.0 HZ	EV	0.07377	0.07338	0.08969
	UB	0.06011	0.08187	0.13224		UB	0.08175	0.08138	0.09772
	LB	0.07087	0.00955	0.08688		LB	0.04648	0.04637	0.05067
8.0 HZ	EV	0.10573	0.09403	0.12326	80.0 HZ	EV	0.05030	0.04992	0.05407
	UB	0.13166	0.13264	0.15112		UB	0.05384	0.05324	0.05727

TIME LIMITS

EXPOSURE LIMITS

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.0 HZ	EV	24.00000	24.00000	24.00000	10.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.3 HZ	EV	24.00000	24.00000	24.00000	12.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.6 HZ	EV	24.00000	24.00000	24.00000	16.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.0 HZ	EV	24.00000	24.00000	24.00000	20.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.5 HZ	EV	24.00000	24.00000	24.00000	25.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
3.1 HZ	EV	24.00000	24.00000	24.00000	31.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
4.0 HZ	EV	24.00000	24.00000	24.00000	40.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
5.0 HZ	EV	24.00000	24.00000	24.00000	50.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
6.3 HZ	EV	24.00000	24.00000	24.00000	63.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
8.0 HZ	EV	24.00000	24.00000	24.00000	80.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000

EXPOSURE LIMITS

	LONGITUDINAL	LATERAL	VERTICAL
EXPOSURE TIME (HRS):	24.00000	24.00000	24.00000
Center Freq (Hz):	1 Hz	1 Hz	1 Hz

FATIGUE LIMITS

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.0 HZ	EV	24.00000	24.00000	24.00000	10.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.3 HZ	EV	24.00000	24.00000	24.00000	12.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.6 HZ	EV	24.00000	24.00000	24.00000	16.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.0 HZ	EV	24.00000	24.00000	24.00000	20.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.5 HZ	EV	24.00000	24.00000	24.00000	25.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
3.1 HZ	EV	24.00000	24.00000	24.00000	31.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
4.0 HZ	EV	24.00000	24.00000	24.00000	40.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
5.0 HZ	EV	24.00000	24.00000	18.32848	50.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	12.23961		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
6.3 HZ	EV	24.00000	24.00000	24.00000	63.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	20.36059		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
8.0 HZ	EV	24.00000	24.00000	22.14296	80.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	17.35461		UB	24.00000	24.00000	24.00000

FATIGUE LIMITS

	LONGITUDINAL	LATERAL	VERTICAL
EXPOSURE TIME (HRS):	24.00000	24.00000	18.32848
Center Freq (Hz):	1 Hz	1 Hz	5 Hz

REDUCED COMFORT

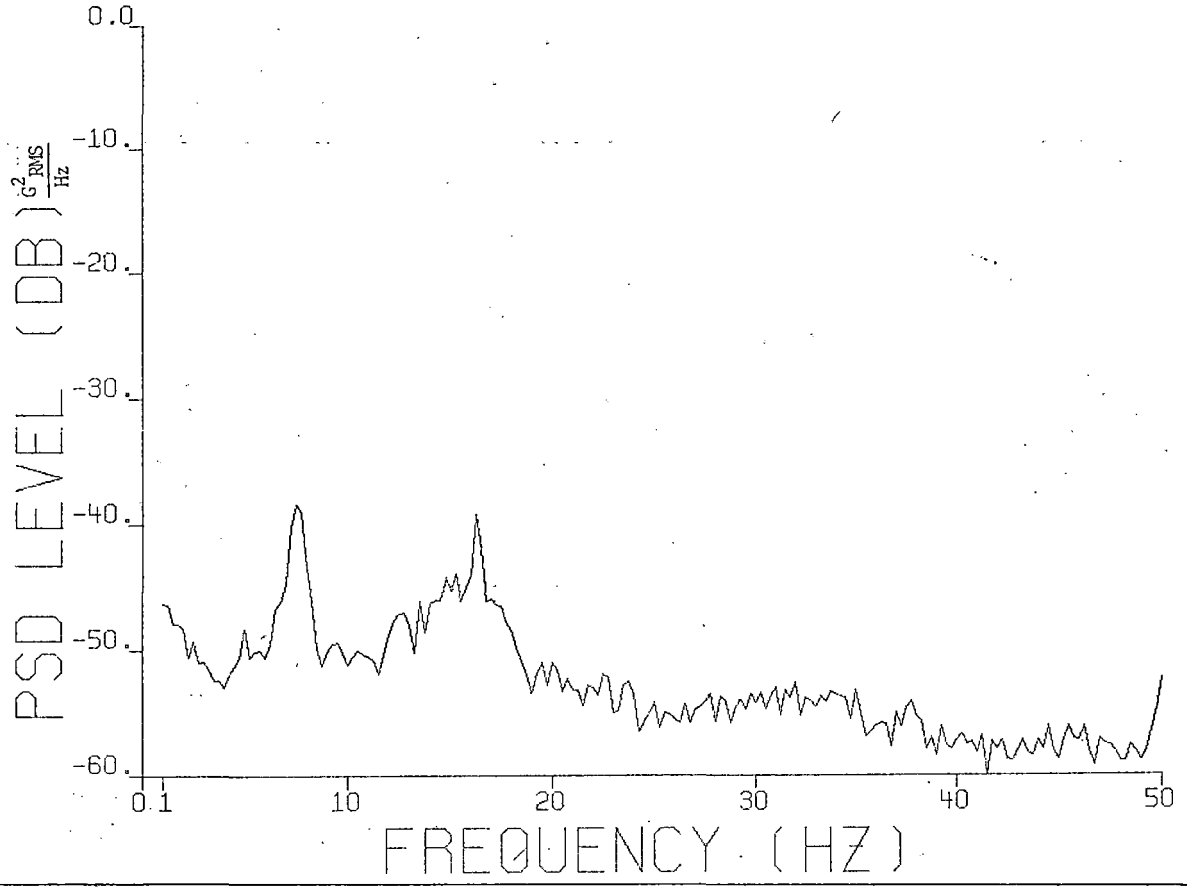
CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	19.29311
1.0 HZ	EV	24.00000	14.17593	24.00000	10.0 HZ	EV	24.00000	24.00000	14.46638
	UB	22.07661	7.95054	24.00000		UB	24.00000	24.00000	11.89549
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.3 HZ	EV	24.00000	8.79812	24.00000	12.5 HZ	EV	24.00000	24.00000	13.16794
	UB	22.37225	5.28923	23.63370		UB	24.00000	24.00000	9.74243
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	16.37223
1.6 HZ	EV	24.00000	14.35973	24.00000	16.0 HZ	EV	24.00000	24.00000	11.07435
	UB	24.00000	8.80737	16.96081		UB	24.00000	24.00000	8.71672
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.0 HZ	EV	24.00000	14.20971	16.83281	20.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	9.44803	10.35069		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.5 HZ	EV	24.00000	18.06536	12.17773	25.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	13.11975	8.15300		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
3.1 HZ	EV	24.00000	24.00000	13.27998	31.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	8.31518		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
4.0 HZ	EV	24.00000	24.00000	9.03380	40.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	6.05800		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
5.0 HZ	EV	24.00000	24.00000	4.35628	50.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	20.76132	2.76196		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	11.67618		LB	24.00000	24.00000	24.00000
6.3 HZ	EV	24.00000	24.00000	6.60975	63.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	4.88840		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	8.33523		LB	24.00000	24.00000	24.00000
8.0 HZ	EV	24.00000	24.00000	5.35507	80.0 HZ	EV	24.00000	24.00000	24.00000
	UB	22.33618	22.11558	4.10128		UB	24.00000	24.00000	24.00000

REDUCED COMFORT

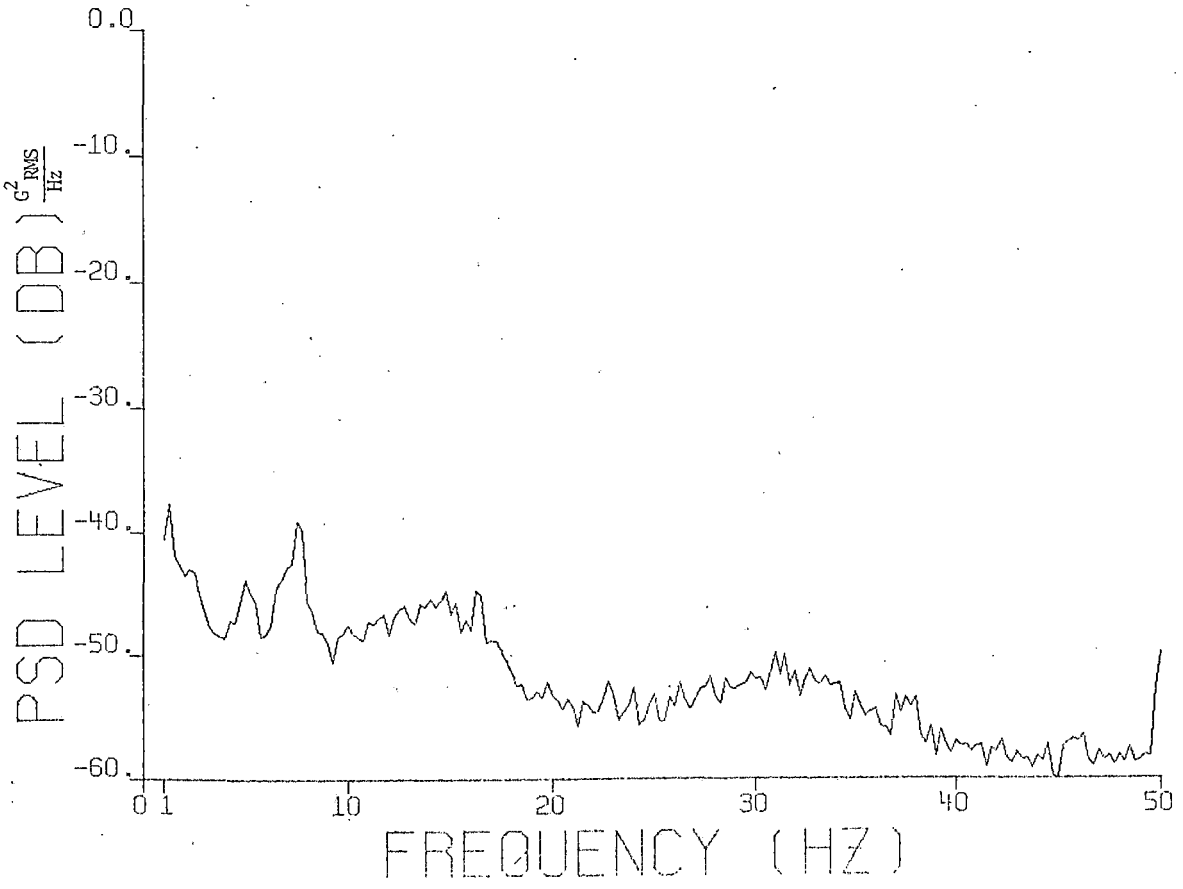
	LONGITUDINAL	LATERAL	VERTICAL
EXPOSURE TIME (HRS):	24.00000	8.79812	4.35628
Center Freq (Hz):	1	1.3	5

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3455-3582

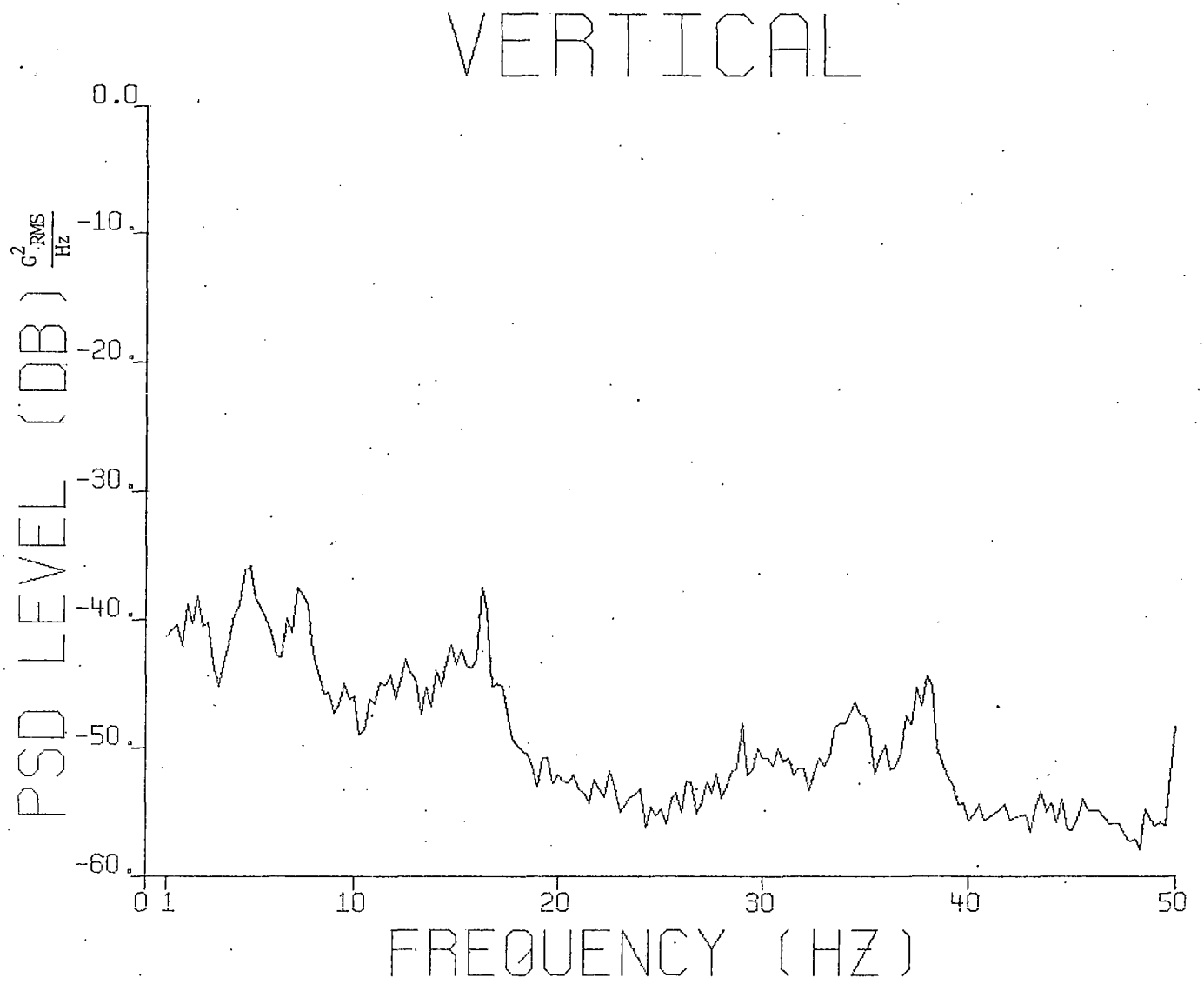
LONGITUDINAL



LATERAL



Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Southbound Run TCA 024 Car 855 RECS: 3455-3582



HISTOGRAM SUMMARY

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271

VOLTAGE	ROLL	PITCH	YAW	VERTICAL	LONGITUDINAL	LATERAL
-10.0	58.	1069.	0.	0.	0.	0.
-9.9	6.	587.	0.	0.	0.	0.
-9.8	0.	500.	0.	0.	0.	0.
-9.7	1.	321.	0.	0.	0.	0.
-9.6	3.	174.	0.	0.	0.	0.
-9.5	3.	101.	0.	0.	0.	0.
-9.4	1.	77.	0.	0.	0.	0.
-9.3	1.	62.	0.	0.	0.	0.
-9.2	6.	54.	0.	0.	0.	0.
-9.1	3.	62.	0.	0.	0.	0.
-9.0	3.	60.	0.	0.	0.	0.
-8.9	6.	51.	0.	0.	0.	0.
-8.8	4.	56.	0.	0.	0.	0.
-8.7	7.	41.	0.	0.	0.	0.
-8.6	4.	47.	0.	0.	0.	0.
-8.5	8.	65.	0.	0.	0.	0.
-8.4	6.	56.	0.	0.	0.	0.
-8.3	4.	56.	0.	0.	0.	0.
-8.2	1.	40.	0.	0.	0.	0.
-8.1	10.	66.	0.	0.	0.	0.
-8.0	13.	51.	0.	0.	0.	0.
-7.9	11.	59.	0.	0.	0.	0.
-7.8	3.	48.	0.	0.	0.	0.
-7.7	15.	61.	0.	0.	0.	0.
-7.6	14.	56.	0.	0.	0.	0.
-7.5	7.	67.	0.	0.	0.	0.
-7.4	14.	74.	0.	0.	0.	0.
-7.3	15.	68.	0.	0.	0.	0.
-7.2	10.	62.	0.	0.	0.	0.
-7.1	15.	50.	0.	0.	0.	0.
-7.0	6.	60.	0.	0.	0.	0.
-6.9	17.	69.	0.	0.	0.	0.
-6.8	15.	61.	0.	0.	0.	0.
-6.7	5.	49.	0.	0.	0.	0.
-6.6	9.	53.	0.	0.	0.	0.
-6.5	20.	67.	0.	0.	0.	0.
-6.4	16.	61.	0.	0.	0.	0.
-6.3	18.	48.	0.	0.	0.	0.
-6.2	11.	64.	0.	0.	0.	0.
-6.1	23.	63.	0.	0.	0.	0.
-6.0	25.	62.	0.	0.	0.	0.
-5.9	14.	52.	0.	0.	0.	0.
-5.8	30.	76.	0.	0.	0.	0.
-5.7	22.	56.	0.	0.	0.	0.
-5.6	16.	58.	0.	0.	0.	0.
-5.5	27.	69.	0.	0.	0.	0.
-5.4	31.	65.	0.	0.	0.	0.
-5.3	29.	53.	0.	0.	0.	0.
-5.2	35.	58.	0.	0.	0.	0.
-5.1	31.	46.	0.	0.	0.	0.
-5.0	25.	55.	0.	0.	0.	0.
-4.9	37.	66.	0.	0.	0.	0.
-4.8	36.	69.	0.	0.	0.	0.
-4.7	40.	75.	0.	0.	0.	0.
-4.6	37.	78.	0.	0.	0.	0.
-4.5	39.	65.	0.	0.	0.	0.
-4.4	45.	72.	0.	0.	0.	0.
-4.3	50.	56.	0.	0.	0.	0.
-4.2	54.	69.	0.	0.	0.	0.
-4.1	53.	58.	0.	0.	0.	0.
-4.0	59.	55.	0.	0.	0.	0.
-3.9	64.	56.	0.	0.	0.	0.
-3.8	68.	61.	0.	0.	0.	0.
-3.7	65.	67.	0.	0.	0.	0.
-3.6	72.	67.	0.	0.	0.	0.
-3.5	82.	54.	0.	0.	0.	0.
-3.4	85.	51.	0.	0.	0.	0.
-3.3	91.	66.	0.	0.	0.	0.
-3.2	88.	76.	0.	0.	0.	0.
-3.1	95.	71.	0.	0.	0.	0.
-3.0	95.	74.	0.	0.	0.	0.
-2.9	84.	49.	1.	0.	0.	0.
-2.8	116.	54.	0.	0.	0.	0.
-2.7	113.	62.	1.	0.	0.	0.
-2.6	111.	71.	0.	0.	0.	0.
-2.5	110.	59.	2.	0.	0.	0.
-2.4	124.	58.	1.	0.	0.	0.
-2.3	126.	57.	3.	1.	0.	0.
-2.2	139.	70.	3.	2.	0.	0.
-2.1	143.	65.	3.	0.	0.	0.
-2.0	155.	55.	15.	4.	0.	0.
-1.9	172.	57.	18.	6.	0.	0.
-1.8	167.	58.	18.	8.	0.	1.
-1.7	160.	48.	37.	12.	0.	0.
-1.6	185.	56.	42.	5.	0.	0.
-1.5	173.	69.	57.	11.	0.	0.
-1.4	210.	59.	81.	29.	0.	1.
-1.3	207.	59.	95.	36.	0.	2.
-1.2	231.	58.	132.	35.	0.	2.
-1.1	226.	63.	175.	69.	3.	6.
-1.0	216.	64.	267.	123.	4.	8.
-0.9	233.	56.	321.	181.	5.	20.
-0.8	222.	56.	440.	292.	19.	55.
-0.7	239.	52.	546.	409.	62.	104.
-0.6	256.	66.	667.	628.	180.	288.
-0.5	254.	64.	913.	898.	467.	517.
-0.4	283.	48.	974.	1156.	1000.	1016.
-0.3	273.	52.	1080.	1386.	1775.	1653.
-0.2	269.	52.	1217.	1502.	2427.	2336.
-0.1	259.	83.	1301.	1592.	2687.	2687.

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271
Scans: 16384

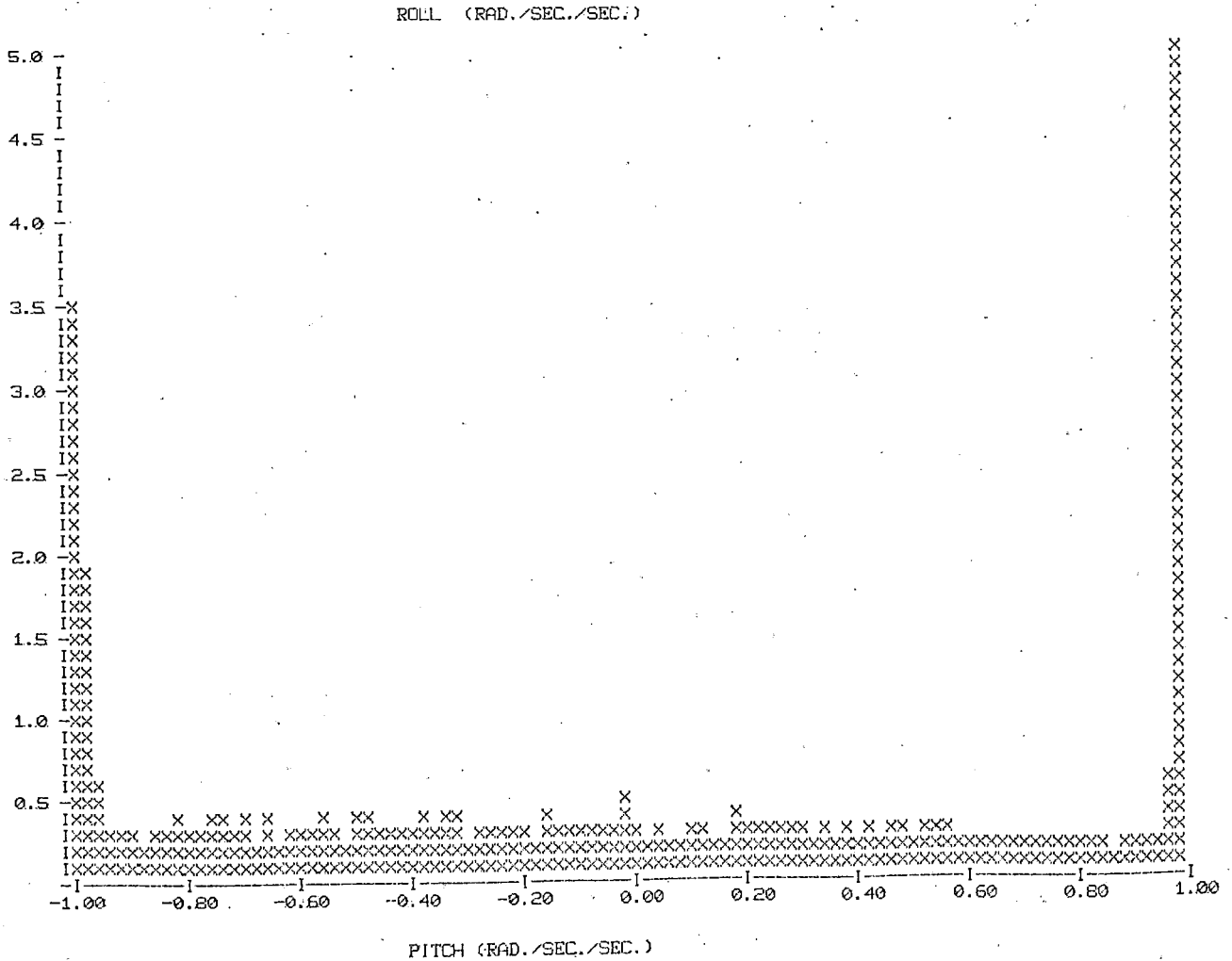
VOLTAGE	ROLL	PITCH	YAW	VERTICAL	LONGITUDINAL	LATERAL
0.0	289.	71.	1218.	1548.	2495.	2425.
0.1	297.	61.	1136.	1450.	1922.	1768.
0.2	318.	69.	1045.	1300.	1409.	1194.
0.3	312.	48.	909.	975.	860.	788.
0.4	300.	51.	786.	765.	480.	595.
0.5	300.	53.	611.	611.	298.	387.
0.6	299.	71.	462.	435.	148.	225.
0.7	316.	42.	403.	290.	63.	140.
0.8	352.	53.	323.	180.	27.	70.
0.9	308.	46.	238.	134.	26.	47.
1.0	288.	67.	200.	75.	8.	23.
1.1	278.	65.	156.	74.	9.	14.
1.2	267.	63.	109.	43.	3.	6.
1.3	271.	59.	81.	31.	1.	4.
1.4	261.	58.	73.	17.	2.	2.
1.5	264.	47.	51.	17.	1.	0.
1.6	255.	57.	36.	10.	1.	0.
1.7	293.	47.	42.	14.	2.	0.
1.8	247.	71.	25.	5.	0.	0.
1.9	218.	66.	16.	10.	0.	0.
2.0	251.	64.	13.	7.	0.	0.
2.1	213.	53.	13.	3.	0.	0.
2.2	219.	58.	9.	1.	0.	0.
2.3	205.	65.	4.	0.	0.	0.
2.4	171.	60.	4.	0.	0.	0.
2.5	160.	65.	1.	1.	0.	0.
2.6	136.	59.	5.	1.	0.	0.
2.7	166.	60.	0.	1.	0.	0.
2.8	147.	57.	2.	1.	0.	0.
2.9	139.	64.	1.	0.	0.	0.
3.0	122.	57.	1.	0.	0.	0.
3.1	111.	51.	0.	0.	0.	0.
3.2	104.	55.	1.	0.	0.	0.
3.3	100.	43.	0.	0.	0.	0.
3.4	102.	57.	0.	0.	0.	0.
3.5	99.	54.	0.	0.	0.	0.
3.6	84.	47.	0.	0.	0.	0.
3.7	67.	45.	0.	0.	0.	0.
3.8	69.	62.	0.	0.	0.	0.
3.9	59.	60.	0.	0.	0.	0.
4.0	45.	56.	0.	0.	0.	0.
4.1	58.	43.	0.	0.	0.	0.
4.2	50.	57.	0.	0.	0.	0.
4.3	43.	51.	0.	0.	0.	0.
4.4	34.	48.	0.	0.	0.	0.
4.5	27.	49.	0.	0.	0.	0.
4.6	33.	53.	0.	0.	0.	0.
4.7	20.	53.	0.	0.	0.	0.
4.8	14.	50.	0.	0.	0.	0.
4.9	19.	55.	0.	0.	0.	0.
5.0	16.	64.	0.	0.	0.	0.
5.1	18.	46.	0.	0.	0.	0.
5.2	14.	39.	0.	0.	0.	0.
5.3	15.	51.	0.	0.	0.	0.
5.4	11.	49.	0.	0.	0.	0.
5.5	13.	59.	0.	0.	0.	0.
5.6	9.	40.	0.	0.	0.	0.
5.7	7.	53.	0.	0.	0.	0.
5.8	9.	39.	0.	0.	0.	0.
5.9	9.	41.	0.	0.	0.	0.
6.0	2.	40.	0.	0.	0.	0.
6.1	7.	39.	0.	0.	0.	0.
6.2	4.	39.	0.	0.	0.	0.
6.3	5.	44.	0.	0.	0.	0.
6.4	4.	33.	0.	0.	0.	0.
6.5	2.	41.	0.	0.	0.	0.
6.6	4.	41.	0.	0.	0.	0.
6.7	7.	43.	0.	0.	0.	0.
6.8	3.	46.	0.	0.	0.	0.
6.9	2.	46.	0.	0.	0.	0.
7.0	1.	41.	0.	0.	0.	0.
7.1	3.	36.	0.	0.	0.	0.
7.2	3.	42.	0.	0.	0.	0.
7.3	2.	45.	0.	0.	0.	0.
7.4	3.	42.	0.	0.	0.	0.
7.5	3.	41.	0.	0.	0.	0.
7.6	1.	41.	0.	0.	0.	0.
7.7	0.	36.	0.	0.	0.	0.
7.8	0.	40.	0.	0.	0.	0.
7.9	1.	43.	0.	0.	0.	0.
8.0	0.	38.	0.	0.	0.	0.
8.1	2.	36.	0.	0.	0.	0.
8.2	4.	34.	0.	0.	0.	0.
8.3	0.	35.	0.	0.	0.	0.
8.4	3.	44.	0.	0.	0.	0.
8.5	2.	35.	0.	0.	0.	0.
8.6	0.	35.	0.	0.	0.	0.
8.7	0.	32.	0.	0.	0.	0.
8.8	0.	36.	0.	0.	0.	0.
8.9	2.	36.	0.	0.	0.	0.
9.0	1.	39.	0.	0.	0.	0.
9.1	0.	33.	0.	0.	0.	0.
9.2	0.	36.	0.	0.	0.	0.
9.3	0.	39.	0.	0.	0.	0.
9.4	1.	35.	0.	0.	0.	0.
9.5	0.	45.	0.	0.	0.	0.
9.6	0.	62.	0.	0.	0.	0.
9.7	0.	112.	0.	0.	0.	0.
9.8	0.	261.	0.	0.	0.	0.
9.9	3.	2833.	0.	0.	0.	0.
ST.DEV:	1.2635 Rad/Sec	0.7305 Rad/Sec	0.0500 Rad/Sec	0.0453 G's	0.0261 G's	0.0291 G's

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271

ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec(& G's)	PITCH	YAW	VERT (G's)	LONG. (G's)	LAT. (G's)
-5.00	0.07080	-1.00	6.52466	0.00000	0.00000	0.00000	0.00000
-4.95	0.00732	-0.99	3.58276	0.00000	0.00000	0.00000	0.00000
-4.90	0.00000	-0.98	3.05176	0.00000	0.00000	0.00000	0.00000
-4.85	0.00122	-0.97	1.95923	0.00000	0.00000	0.00000	0.00000
-4.80	0.00366	-0.96	1.06201	0.00000	0.00000	0.00000	0.00000
-4.75	0.00366	-0.95	0.61646	0.00000	0.00000	0.00000	0.00000
-4.70	0.00122	-0.94	0.46997	0.00000	0.00000	0.00000	0.00000
-4.65	0.00122	-0.93	0.37842	0.00000	0.00000	0.00000	0.00000
-4.60	0.00732	-0.92	0.32959	0.00000	0.00000	0.00000	0.00000
-4.55	0.00366	-0.91	0.37842	0.00000	0.00000	0.00000	0.00000
-4.50	0.00366	-0.90	0.36621	0.00000	0.00000	0.00000	0.00000
-4.45	0.00732	-0.89	0.31128	0.00000	0.00000	0.00000	0.00000
-4.40	0.00488	-0.88	0.34180	0.00000	0.00000	0.00000	0.00000
-4.35	0.00854	-0.87	0.25024	0.00000	0.00000	0.00000	0.00000
-4.30	0.00488	-0.86	0.28687	0.00000	0.00000	0.00000	0.00000
-4.25	0.00977	-0.85	0.39673	0.00000	0.00000	0.00000	0.00000
-4.20	0.00732	-0.84	0.34180	0.00000	0.00000	0.00000	0.00000
-4.15	0.00488	-0.83	0.34180	0.00000	0.00000	0.00000	0.00000
-4.10	0.00122	-0.82	0.24414	0.00000	0.00000	0.00000	0.00000
-4.05	0.01221	-0.81	0.40283	0.00000	0.00000	0.00000	0.00000
-4.00	0.01587	-0.80	0.31128	0.00000	0.00000	0.00000	0.00000
-3.95	0.01343	-0.79	0.36011	0.00000	0.00000	0.00000	0.00000
-3.90	0.00366	-0.78	0.29297	0.00000	0.00000	0.00000	0.00000
-3.85	0.01831	-0.77	0.37231	0.00000	0.00000	0.00000	0.00000
-3.80	0.01709	-0.76	0.34180	0.00000	0.00000	0.00000	0.00000
-3.75	0.00854	-0.75	0.40894	0.00000	0.00000	0.00000	0.00000
-3.70	0.01709	-0.74	0.45166	0.00000	0.00000	0.00000	0.00000
-3.65	0.01831	-0.73	0.41504	0.00000	0.00000	0.00000	0.00000
-3.60	0.01221	-0.72	0.37842	0.00000	0.00000	0.00000	0.00000
-3.55	0.01831	-0.71	0.30518	0.00000	0.00000	0.00000	0.00000
-3.50	0.00732	-0.70	0.36621	0.00000	0.00000	0.00000	0.00000
-3.45	0.02075	-0.69	0.42114	0.00000	0.00000	0.00000	0.00000
-3.40	0.01831	-0.68	0.37231	0.00000	0.00000	0.00000	0.00000
-3.35	0.00610	-0.67	0.29907	0.00000	0.00000	0.00000	0.00000
-3.30	0.01099	-0.66	0.32349	0.00000	0.00000	0.00000	0.00000
-3.25	0.02441	-0.65	0.40894	0.00000	0.00000	0.00000	0.00000
-3.20	0.01953	-0.64	0.37231	0.00000	0.00000	0.00000	0.00000
-3.15	0.02197	-0.63	0.29297	0.00000	0.00000	0.00000	0.00000
-3.10	0.01343	-0.62	0.39063	0.00000	0.00000	0.00000	0.00000
-3.05	0.02808	-0.61	0.38452	0.00000	0.00000	0.00000	0.00000
-3.00	0.03052	-0.60	0.37842	0.00000	0.00000	0.00000	0.00000
-2.95	0.01709	-0.59	0.31738	0.00000	0.00000	0.00000	0.00000
-2.90	0.03662	-0.58	0.46387	0.00000	0.00000	0.00000	0.00000
-2.85	0.02686	-0.57	0.34180	0.00000	0.00000	0.00000	0.00000
-2.80	0.01953	-0.56	0.35400	0.00000	0.00000	0.00000	0.00000
-2.75	0.03296	-0.55	0.42114	0.00000	0.00000	0.00000	0.00000
-2.70	0.03784	-0.54	0.39673	0.00000	0.00000	0.00000	0.00000
-2.65	0.03540	-0.53	0.32349	0.00000	0.00000	0.00000	0.00000
-2.60	0.04272	-0.52	0.35400	0.00000	0.00000	0.00000	0.00000
-2.55	0.03784	-0.51	0.28076	0.00000	0.00000	0.00000	0.00000
-2.50	0.03052	-0.50	0.33569	0.00000	0.00000	0.00000	0.00000
-2.45	0.04517	-0.49	0.40283	0.00000	0.00000	0.00000	0.00000
-2.40	0.04395	-0.48	0.42114	0.00000	0.00000	0.00000	0.00000
-2.35	0.04883	-0.47	0.45776	0.00000	0.00000	0.00000	0.00000
-2.30	0.04517	-0.46	0.47607	0.00000	0.00000	0.00000	0.00000
-2.25	0.04761	-0.45	0.39673	0.00000	0.00000	0.00000	0.00000
-2.20	0.05493	-0.44	0.43945	0.00000	0.00000	0.00000	0.00000
-2.15	0.06104	-0.43	0.34180	0.00000	0.00000	0.00000	0.00000
-2.10	0.06592	-0.42	0.42114	0.00000	0.00000	0.00000	0.00000
-2.05	0.06470	-0.41	0.35400	0.00000	0.00000	0.00000	0.00000
-2.00	0.07202	-0.40	0.33569	0.00000	0.00000	0.00000	0.00000
-1.95	0.07813	-0.39	0.34180	0.00000	0.00000	0.00000	0.00000
-1.90	0.08301	-0.38	0.37231	0.00000	0.00000	0.00000	0.00000
-1.85	0.07935	-0.37	0.40894	0.00000	0.00000	0.00000	0.00000
-1.80	0.08789	-0.36	0.40894	0.00000	0.00000	0.00000	0.00000
-1.75	0.10010	-0.35	0.32959	0.00000	0.00000	0.00000	0.00000
-1.70	0.10376	-0.34	0.31128	0.00000	0.00000	0.00000	0.00000
-1.65	0.11108	-0.33	0.40283	0.00000	0.00000	0.00000	0.00000
-1.60	0.10742	-0.32	0.46387	0.00000	0.00000	0.00000	0.00000
-1.55	0.11597	-0.31	0.43335	0.00000	0.00000	0.00000	0.00000
-1.50	0.11597	-0.30	0.45166	0.00000	0.00000	0.00000	0.00000
-1.45	0.10254	-0.29	0.29907	0.00610	0.00000	0.00000	0.00000
-1.40	0.14160	-0.28	0.32959	0.00000	0.00000	0.00000	0.00000
-1.35	0.13794	-0.27	0.37842	0.00610	0.00000	0.00000	0.00000
-1.30	0.13550	-0.26	0.43335	0.00000	0.00000	0.00000	0.00000
-1.25	0.13428	-0.25	0.36011	0.01221	0.00000	0.00000	0.00000
-1.20	0.15137	-0.24	0.35400	0.00610	0.00000	0.00000	0.00000
-1.15	0.15381	-0.23	0.34790	0.01831	0.00610	0.00000	0.00000
-1.10	0.16968	-0.22	0.42725	0.01831	0.01221	0.00000	0.00000
-1.05	0.17456	-0.21	0.39673	0.01831	0.00000	0.00000	0.00000
-1.00	0.18921	-0.20	0.33569	0.09155	0.02441	0.00000	0.00000
-0.95	0.20996	-0.19	0.34790	0.10986	0.03662	0.00000	0.00000
-0.90	0.20386	-0.18	0.35400	0.10986	0.04883	0.00000	0.00610
-0.85	0.19531	-0.17	0.29297	0.22583	0.07324	0.00000	0.00000
-0.80	0.22583	-0.16	0.34180	0.25635	0.03052	0.00000	0.00000
-0.75	0.21118	-0.15	0.42114	0.34790	0.06714	0.00000	0.00000
-0.70	0.25635	-0.14	0.36011	0.49438	0.17700	0.00000	0.00610
-0.65	0.25269	-0.13	0.36011	0.57983	0.21973	0.00000	0.01221
-0.60	0.28198	-0.12	0.35400	0.80566	0.21362	0.00000	0.01221
-0.55	0.27588	-0.11	0.38452	1.06812	0.42114	0.01831	0.03662
-0.50	0.26367	-0.10	0.39063	1.62964	0.75073	0.02441	0.04883
-0.45	0.28442	-0.09	0.34180	1.95923	1.10474	0.03052	0.12207
-0.40	0.27100	-0.08	0.34180	2.68555	1.78223	0.11597	0.33569
-0.35	0.29175	-0.07	0.31738	3.33252	2.49634	0.37842	0.63477
-0.30	0.31250	-0.06	0.40283	4.07104	3.83301	1.09863	1.75781
-0.25	0.31006	-0.05	0.39063	5.57251	5.48096	2.85034	3.15552
-0.20	0.34546	-0.04	0.29297	5.94482	7.05566	6.10352	6.20117
-0.15	0.33325	-0.03	0.31738	6.59180	8.45947	10.8337	10.0891
-0.10	0.32837	-0.02	0.31738	7.42798	9.16748	14.8132	14.2578
-0.05	0.31616	-0.01	0.50659	7.94067	9.71680	16.4001	16.4001

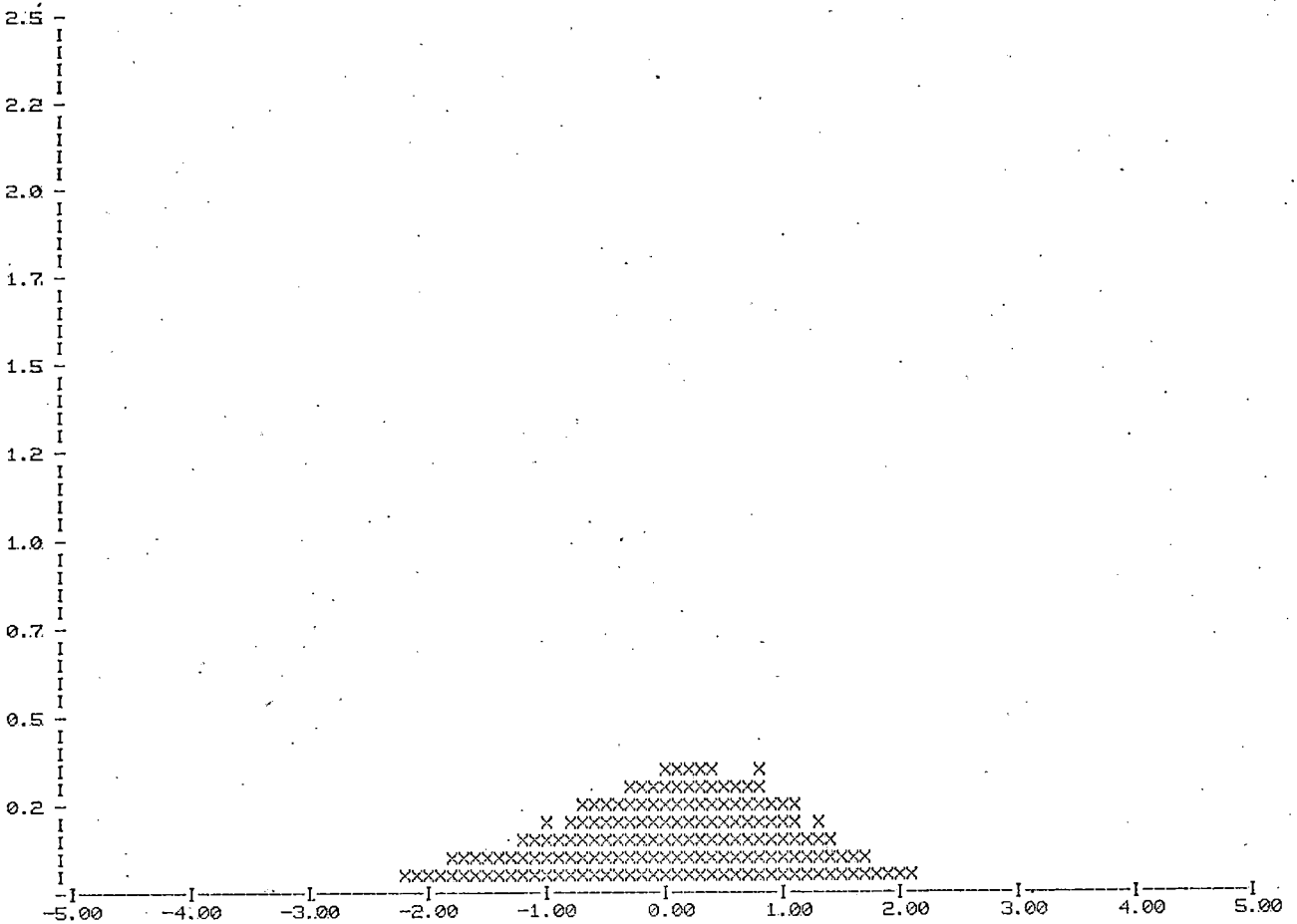
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271

ABSCISSA 1	ROLL	ABSCISSA 2	PITCH	YAW	VERT (G's)	LONG. (G's)	LAT. (G's)
Rad/Sec/Sec		Rad/Sec/Sec (& G's)					
0.00	0.35278	0.00	0.43335	7.43408	9.44824	15.2282	14.8010
0.05	0.36255	0.01	0.37231	6.93359	8.85010	11.7309	10.7910
0.10	0.38818	0.02	0.42114	6.37817	7.93457	8.59985	7.28760
0.15	0.38086	0.03	0.29297	5.54810	5.95093	5.24902	4.80957
0.20	0.36621	0.04	0.31128	4.79736	4.66819	2.92969	3.63159
0.25	0.36621	0.05	0.32349	3.72925	3.72925	1.81885	2.36206
0.30	0.36499	0.06	0.43335	2.81982	2.65503	0.90332	1.37329
0.35	0.38574	0.07	0.25635	2.45972	1.77002	0.38452	0.85449
0.40	0.42969	0.08	0.32349	1.97144	1.09863	0.16479	0.42725
0.45	0.37598	0.09	0.28076	1.45264	0.81787	0.15869	0.28687
0.50	0.35156	0.10	0.40894	1.22070	0.45776	0.04883	0.14038
0.55	0.33936	0.11	0.39673	0.95215	0.45166	0.05493	0.08545
0.60	0.32593	0.12	0.38452	0.66528	0.26245	0.01831	0.03662
0.65	0.33081	0.13	0.36011	0.49438	0.18921	0.00610	0.02441
0.70	0.31860	0.14	0.35400	0.44556	0.10376	0.01221	0.01221
0.75	0.32227	0.15	0.28687	0.31128	0.10376	0.00610	0.00000
0.80	0.31128	0.16	0.34790	0.21973	0.06104	0.00610	0.00000
0.85	0.35767	0.17	0.28687	0.25635	0.08545	0.01221	0.00000
0.90	0.30151	0.18	0.43335	0.15259	0.03052	0.00000	0.00000
0.95	0.26611	0.19	0.40283	0.09766	0.06104	0.00000	0.00000
1.00	0.30640	0.20	0.39063	0.07935	0.04272	0.00000	0.00000
1.05	0.26001	0.21	0.32349	0.07935	0.01831	0.00000	0.00000
1.10	0.25733	0.22	0.35400	0.05493	0.00610	0.00000	0.00000
1.15	0.25024	0.23	0.39673	0.02441	0.00000	0.00000	0.00000
1.20	0.20874	0.24	0.36621	0.02441	0.00000	0.00000	0.00000
1.25	0.19531	0.25	0.39673	0.00610	0.00610	0.00000	0.00000
1.30	0.16602	0.26	0.36011	0.03052	0.00610	0.00000	0.00000
1.35	0.20264	0.27	0.36621	0.00000	0.00610	0.00000	0.00000
1.40	0.17944	0.28	0.34790	0.01221	0.00610	0.00000	0.00000
1.45	0.16968	0.29	0.39063	0.00610	0.00000	0.00000	0.00000
1.50	0.14893	0.30	0.34790	0.00610	0.00000	0.00000	0.00000
1.55	0.13550	0.31	0.31128	0.00000	0.00000	0.00000	0.00000
1.60	0.12695	0.32	0.33569	0.00610	0.00000	0.00000	0.00000
1.65	0.12207	0.33	0.26245	0.00000	0.00000	0.00000	0.00000
1.70	0.12451	0.34	0.34790	0.00000	0.00000	0.00000	0.00000
1.75	0.12085	0.35	0.32959	0.00000	0.00000	0.00000	0.00000
1.80	0.10254	0.36	0.28687	0.00000	0.00000	0.00000	0.00000
1.85	0.08179	0.37	0.27466	0.00000	0.00000	0.00000	0.00000
1.90	0.08423	0.38	0.37842	0.00000	0.00000	0.00000	0.00000
1.95	0.07202	0.39	0.36621	0.00000	0.00000	0.00000	0.00000
2.00	0.05493	0.40	0.34180	0.00000	0.00000	0.00000	0.00000
2.05	0.07080	0.41	0.26245	0.00000	0.00000	0.00000	0.00000
2.10	0.06104	0.42	0.34790	0.00000	0.00000	0.00000	0.00000
2.15	0.05249	0.43	0.31128	0.00000	0.00000	0.00000	0.00000
2.20	0.04150	0.44	0.29297	0.00000	0.00000	0.00000	0.00000
2.25	0.03296	0.45	0.29907	0.00000	0.00000	0.00000	0.00000
2.30	0.04028	0.46	0.32349	0.00000	0.00000	0.00000	0.00000
2.35	0.02441	0.47	0.32349	0.00000	0.00000	0.00000	0.00000
2.40	0.01709	0.48	0.30518	0.00000	0.00000	0.00000	0.00000
2.45	0.02319	0.49	0.33569	0.00000	0.00000	0.00000	0.00000
2.50	0.01953	0.50	0.39063	0.00000	0.00000	0.00000	0.00000
2.55	0.02197	0.51	0.28076	0.00000	0.00000	0.00000	0.00000
2.60	0.01709	0.52	0.23804	0.00000	0.00000	0.00000	0.00000
2.65	0.01831	0.53	0.31128	0.00000	0.00000	0.00000	0.00000
2.70	0.01343	0.54	0.29907	0.00000	0.00000	0.00000	0.00000
2.75	0.01587	0.55	0.36011	0.00000	0.00000	0.00000	0.00000
2.80	0.01099	0.56	0.24414	0.00000	0.00000	0.00000	0.00000
2.85	0.00854	0.57	0.32349	0.00000	0.00000	0.00000	0.00000
2.90	0.01099	0.58	0.23804	0.00000	0.00000	0.00000	0.00000
2.95	0.01099	0.59	0.25024	0.00000	0.00000	0.00000	0.00000
3.00	0.00244	0.60	0.24414	0.00000	0.00000	0.00000	0.00000
3.05	0.00854	0.61	0.23804	0.00000	0.00000	0.00000	0.00000
3.10	0.00488	0.62	0.23804	0.00000	0.00000	0.00000	0.00000
3.15	0.00610	0.63	0.26855	0.00000	0.00000	0.00000	0.00000
3.20	0.00488	0.64	0.20142	0.00000	0.00000	0.00000	0.00000
3.25	0.00244	0.65	0.25024	0.00000	0.00000	0.00000	0.00000
3.30	0.00488	0.66	0.25024	0.00000	0.00000	0.00000	0.00000
3.35	0.00854	0.67	0.26245	0.00000	0.00000	0.00000	0.00000
3.40	0.00366	0.68	0.28076	0.00000	0.00000	0.00000	0.00000
3.45	0.00244	0.69	0.28076	0.00000	0.00000	0.00000	0.00000
3.50	0.00122	0.70	0.25024	0.00000	0.00000	0.00000	0.00000
3.55	0.00366	0.71	0.21973	0.00000	0.00000	0.00000	0.00000
3.60	0.00366	0.72	0.25635	0.00000	0.00000	0.00000	0.00000
3.65	0.00244	0.73	0.27466	0.00000	0.00000	0.00000	0.00000
3.70	0.00366	0.74	0.25635	0.00000	0.00000	0.00000	0.00000
3.75	0.00366	0.75	0.25024	0.00000	0.00000	0.00000	0.00000
3.80	0.00122	0.76	0.25024	0.00000	0.00000	0.00000	0.00000
3.85	0.00000	0.77	0.21973	0.00000	0.00000	0.00000	0.00000
3.90	0.00000	0.78	0.24414	0.00000	0.00000	0.00000	0.00000
3.95	0.00122	0.79	0.26245	0.00000	0.00000	0.00000	0.00000
4.00	0.00000	0.80	0.23193	0.00000	0.00000	0.00000	0.00000
4.05	0.00244	0.81	0.21973	0.00000	0.00000	0.00000	0.00000
4.10	0.00488	0.82	0.20752	0.00000	0.00000	0.00000	0.00000
4.15	0.00000	0.83	0.21362	0.00000	0.00000	0.00000	0.00000
4.20	0.00366	0.84	0.26855	0.00000	0.00000	0.00000	0.00000
4.25	0.00244	0.85	0.21362	0.00000	0.00000	0.00000	0.00000
4.30	0.00000	0.86	0.21362	0.00000	0.00000	0.00000	0.00000
4.35	0.00000	0.87	0.19531	0.00000	0.00000	0.00000	0.00000
4.40	0.00000	0.88	0.21973	0.00000	0.00000	0.00000	0.00000
4.45	0.00244	0.89	0.21973	0.00000	0.00000	0.00000	0.00000
4.50	0.00122	0.90	0.23804	0.00000	0.00000	0.00000	0.00000
4.55	0.00000	0.91	0.20142	0.00000	0.00000	0.00000	0.00000
4.60	0.00000	0.92	0.21973	0.00000	0.00000	0.00000	0.00000
4.65	0.00000	0.93	0.23804	0.00000	0.00000	0.00000	0.00000
4.70	0.00122	0.94	0.21362	0.00000	0.00000	0.00000	0.00000
4.75	0.00000	0.95	0.27466	0.00000	0.00000	0.00000	0.00000
4.80	0.00000	0.96	0.37842	0.00000	0.00000	0.00000	0.00000
4.85	0.00000	0.97	0.68359	0.00000	0.00000	0.00000	0.00000
4.90	0.00000	0.98	1.59302	0.00000	0.00000	0.00000	0.00000
4.95	0.00366	0.99	17.2912	0.00000	0.00000	0.00000	0.00000


ROLL (RAD./SEC./SEC.)
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
-1.00
-0.80
-0.60
-0.40
-0.20
0.00
0.20
0.40
0.60
0.80
1.00
PITCH (RAD./SEC./SEC.)

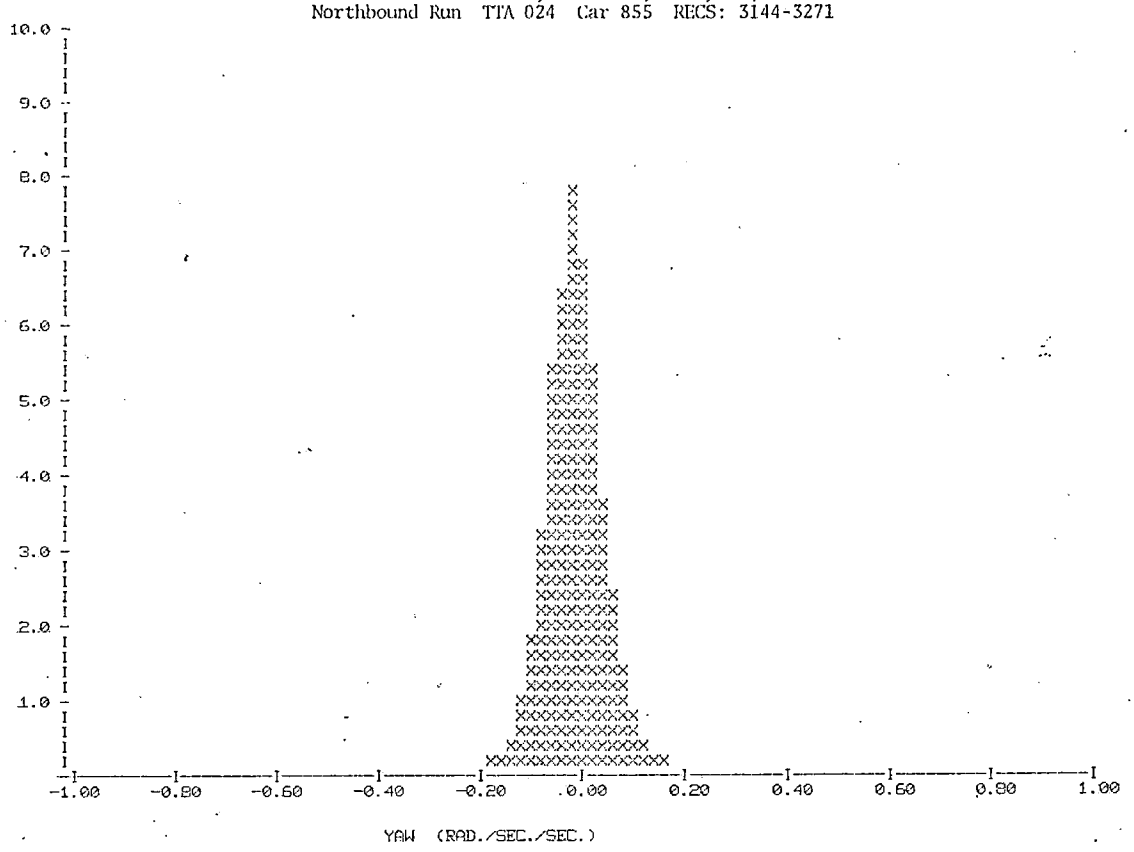
PROBABILITY DENSITY ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271

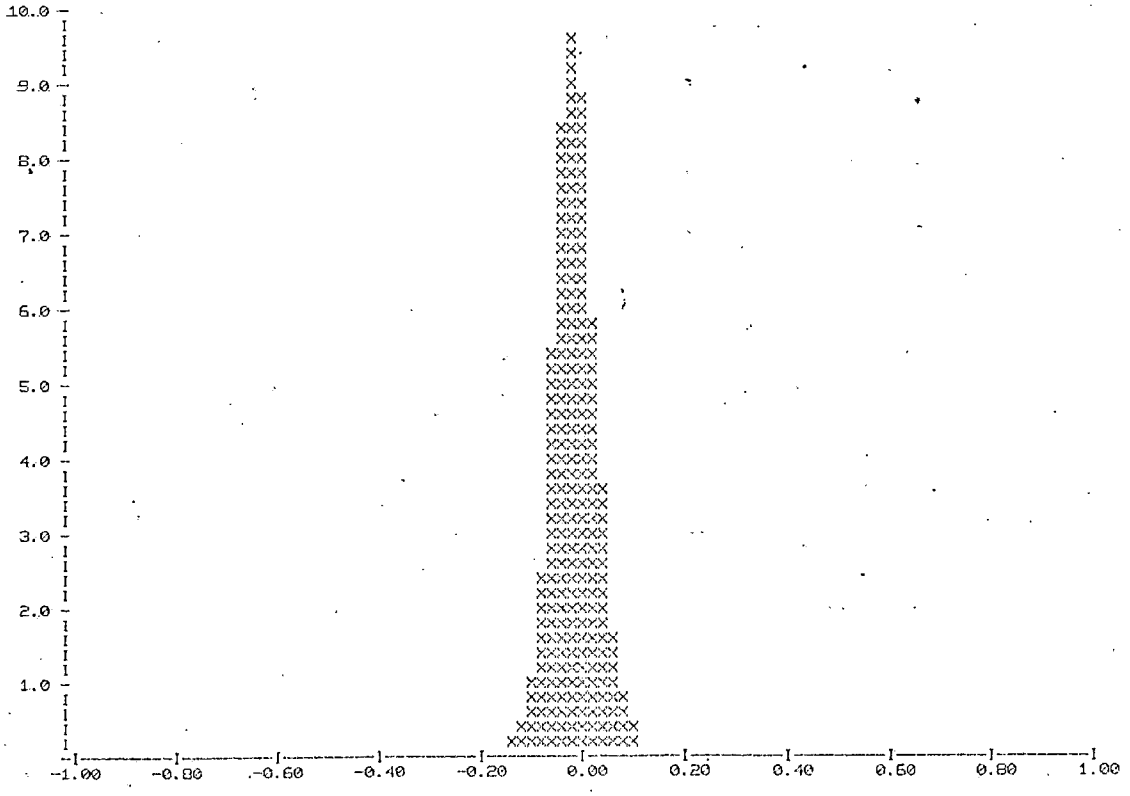


PROBABILITY DENSITY ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271



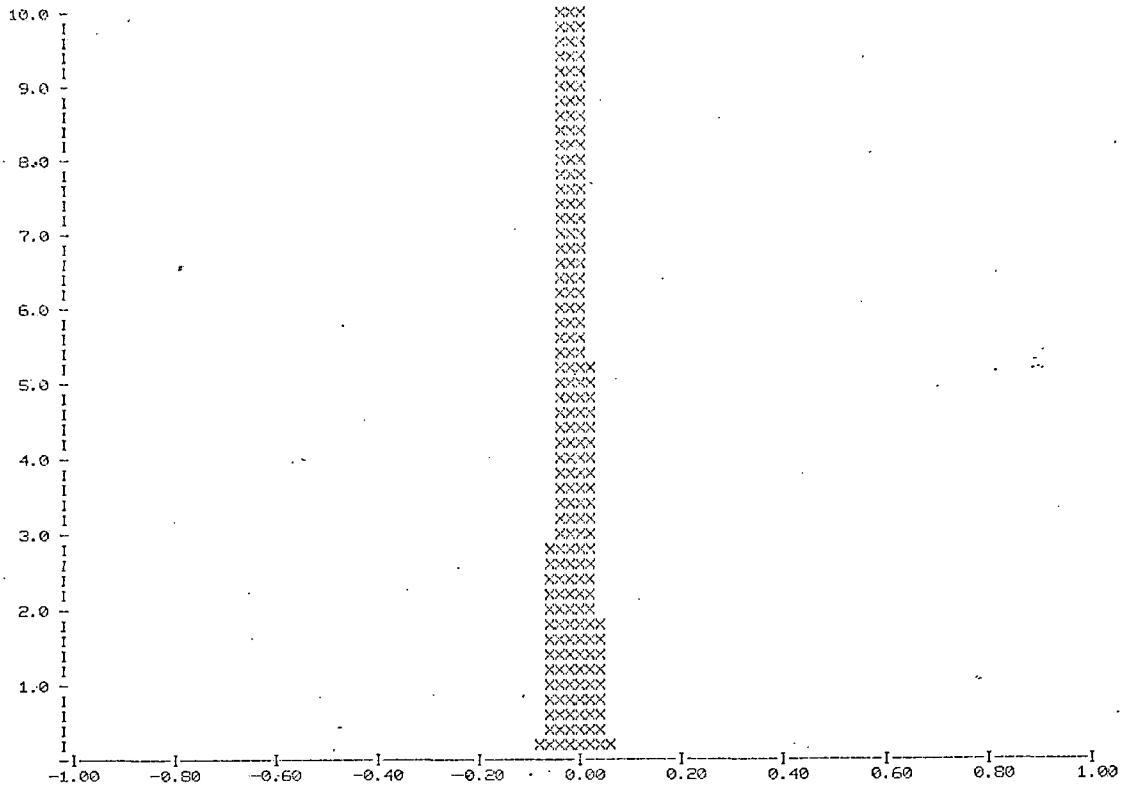
YAW (RAD./SEC./SEC.)



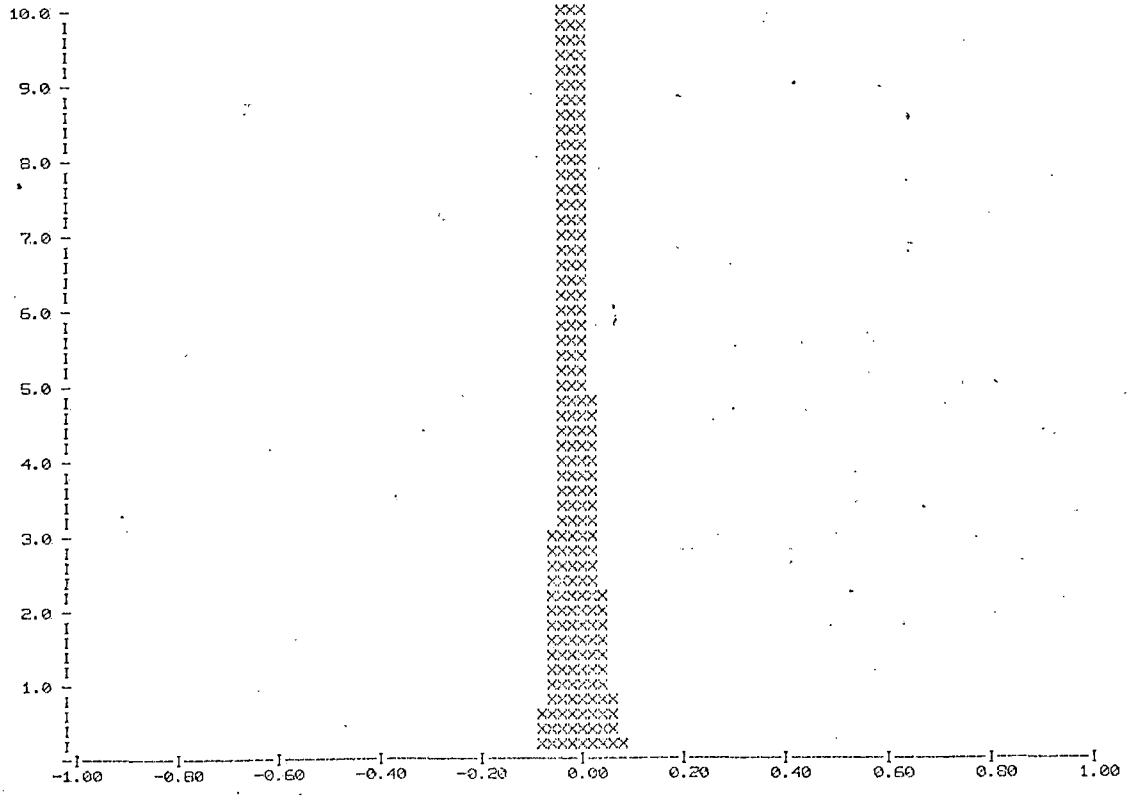
VERT. ACCELERATION (G'S)

PROBABILITY DENSITY ESTIMATE

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271



LONG. ACCELERATION (G'S)



LAT. ACCELERATION (G'S)

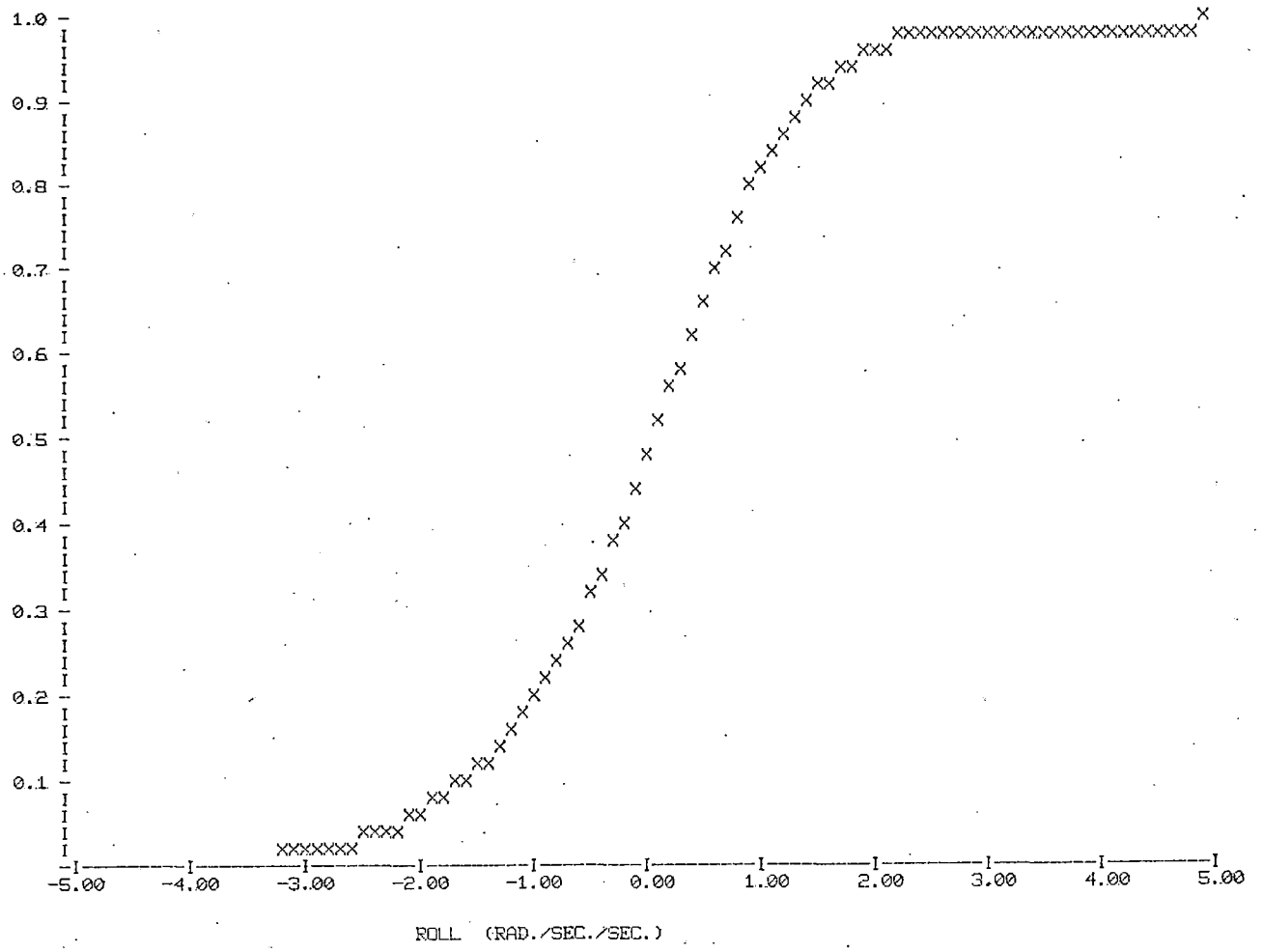
Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271

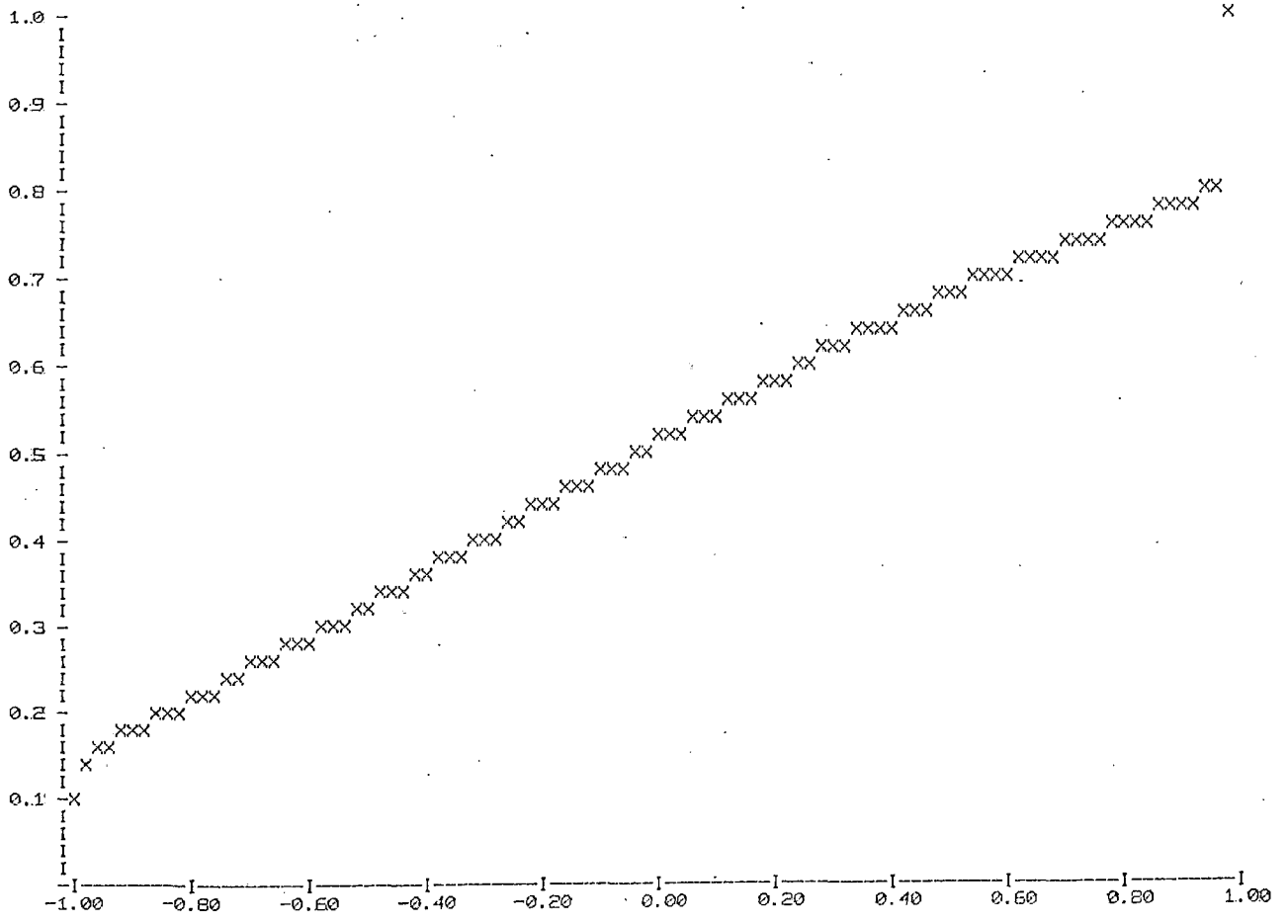
ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT (G's)	LONG. (G's)	LAT. (G's)
-5.00	0.00354	-1.00	0.06525	0.00000	0.00000	0.00000	0.00000
-4.95	0.00391	-0.99	0.10107	0.00000	0.00000	0.00000	0.00000
-4.90	0.00391	-0.98	0.13159	0.00000	0.00000	0.00000	0.00000
-4.85	0.00397	-0.97	0.15118	0.00000	0.00000	0.00000	0.00000
-4.80	0.00415	-0.96	0.16180	0.00000	0.00000	0.00000	0.00000
-4.75	0.00433	-0.95	0.16797	0.00000	0.00000	0.00000	0.00000
-4.70	0.00439	-0.94	0.17267	0.00000	0.00000	0.00000	0.00000
-4.65	0.00446	-0.93	0.17645	0.00000	0.00000	0.00000	0.00000
-4.60	0.00482	-0.92	0.17975	0.00000	0.00000	0.00000	0.00000
-4.55	0.00500	-0.91	0.18353	0.00000	0.00000	0.00000	0.00000
-4.50	0.00519	-0.90	0.18719	0.00000	0.00000	0.00000	0.00000
-4.45	0.00555	-0.89	0.19031	0.00000	0.00000	0.00000	0.00000
-4.40	0.00580	-0.88	0.19373	0.00000	0.00000	0.00000	0.00000
-4.35	0.00623	-0.87	0.19623	0.00000	0.00000	0.00000	0.00000
-4.30	0.00647	-0.86	0.19910	0.00000	0.00000	0.00000	0.00000
-4.25	0.00696	-0.85	0.20306	0.00000	0.00000	0.00000	0.00000
-4.20	0.00732	-0.84	0.20648	0.00000	0.00000	0.00000	0.00000
-4.15	0.00757	-0.83	0.20990	0.00000	0.00000	0.00000	0.00000
-4.10	0.00763	-0.82	0.21234	0.00000	0.00000	0.00000	0.00000
-4.05	0.00824	-0.81	0.21637	0.00000	0.00000	0.00000	0.00000
-4.00	0.00903	-0.80	0.21948	0.00000	0.00000	0.00000	0.00000
-3.95	0.00970	-0.79	0.22308	0.00000	0.00000	0.00000	0.00000
-3.90	0.00989	-0.78	0.22601	0.00000	0.00000	0.00000	0.00000
-3.85	0.01080	-0.77	0.22974	0.00000	0.00000	0.00000	0.00000
-3.80	0.01166	-0.76	0.23315	0.00000	0.00000	0.00000	0.00000
-3.75	0.01208	-0.75	0.23724	0.00000	0.00000	0.00000	0.00000
-3.70	0.01294	-0.74	0.24176	0.00000	0.00000	0.00000	0.00000
-3.65	0.01385	-0.73	0.24591	0.00000	0.00000	0.00000	0.00000
-3.60	0.01447	-0.72	0.24969	0.00000	0.00000	0.00000	0.00000
-3.55	0.01538	-0.71	0.25275	0.00000	0.00000	0.00000	0.00000
-3.50	0.01575	-0.70	0.25641	0.00000	0.00000	0.00000	0.00000
-3.45	0.01678	-0.69	0.26062	0.00000	0.00000	0.00000	0.00000
-3.40	0.01770	-0.68	0.26434	0.00000	0.00000	0.00000	0.00000
-3.35	0.01801	-0.67	0.26733	0.00000	0.00000	0.00000	0.00000
-3.30	0.01855	-0.66	0.27057	0.00000	0.00000	0.00000	0.00000
-3.25	0.01978	-0.65	0.27466	0.00000	0.00000	0.00000	0.00000
-3.20	0.02075	-0.64	0.27838	0.00000	0.00000	0.00000	0.00000
-3.15	0.02185	-0.63	0.28131	0.00000	0.00000	0.00000	0.00000
-3.10	0.02252	-0.62	0.28522	0.00000	0.00000	0.00000	0.00000
-3.05	0.02393	-0.61	0.28906	0.00000	0.00000	0.00000	0.00000
-3.00	0.02545	-0.60	0.29285	0.00000	0.00000	0.00000	0.00000
-2.95	0.02631	-0.59	0.29602	0.00000	0.00000	0.00000	0.00000
-2.90	0.02814	-0.58	0.30066	0.00000	0.00000	0.00000	0.00000
-2.85	0.02948	-0.57	0.30408	0.00000	0.00000	0.00000	0.00000
-2.80	0.03046	-0.56	0.30762	0.00000	0.00000	0.00000	0.00000
-2.75	0.03210	-0.55	0.31183	0.00000	0.00000	0.00000	0.00000
-2.70	0.03400	-0.54	0.31580	0.00000	0.00000	0.00000	0.00000
-2.65	0.03577	-0.53	0.31903	0.00000	0.00000	0.00000	0.00000
-2.60	0.03790	-0.52	0.32257	0.00000	0.00000	0.00000	0.00000
-2.55	0.03979	-0.51	0.32538	0.00000	0.00000	0.00000	0.00000
-2.50	0.04132	-0.50	0.32874	0.00000	0.00000	0.00000	0.00000
-2.45	0.04358	-0.49	0.33276	0.00000	0.00000	0.00000	0.00000
-2.40	0.04573	-0.48	0.33698	0.00000	0.00000	0.00000	0.00000
-2.35	0.04822	-0.47	0.34155	0.00000	0.00000	0.00000	0.00000
-2.30	0.05048	-0.46	0.34631	0.00000	0.00000	0.00000	0.00000
-2.25	0.05286	-0.45	0.35028	0.00000	0.00000	0.00000	0.00000
-2.20	0.05560	-0.44	0.35468	0.00000	0.00000	0.00000	0.00000
-2.15	0.05865	-0.43	0.35809	0.00000	0.00000	0.00000	0.00000
-2.10	0.06195	-0.42	0.36230	0.00000	0.00000	0.00000	0.00000
-2.05	0.06519	-0.41	0.36584	0.00000	0.00000	0.00000	0.00000
-2.00	0.06879	-0.40	0.36920	0.00000	0.00000	0.00000	0.00000
-1.95	0.07269	-0.39	0.37262	0.00000	0.00000	0.00000	0.00000
-1.90	0.07684	-0.38	0.37634	0.00000	0.00000	0.00000	0.00000
-1.85	0.08081	-0.37	0.38043	0.00000	0.00000	0.00000	0.00000
-1.80	0.08521	-0.36	0.38452	0.00000	0.00000	0.00000	0.00000
-1.75	0.09021	-0.35	0.38782	0.00000	0.00000	0.00000	0.00000
-1.70	0.09540	-0.34	0.39093	0.00000	0.00000	0.00000	0.00000
-1.65	0.10095	-0.33	0.39496	0.00000	0.00000	0.00000	0.00000
-1.60	0.10632	-0.32	0.39960	0.00000	0.00000	0.00000	0.00000
-1.55	0.11212	-0.31	0.40393	0.00000	0.00000	0.00000	0.00000
-1.50	0.11792	-0.30	0.40845	0.00000	0.00000	0.00000	0.00000
-1.45	0.12305	-0.29	0.41144	0.00006	0.00000	0.00000	0.00000
-1.40	0.13013	-0.28	0.41473	0.00006	0.00000	0.00000	0.00000
-1.35	0.13702	-0.27	0.41852	0.00012	0.00000	0.00000	0.00000
-1.30	0.14380	-0.26	0.42285	0.00012	0.00000	0.00000	0.00000
-1.25	0.15051	-0.25	0.42645	0.00024	0.00000	0.00000	0.00000
-1.20	0.15808	-0.24	0.42999	0.00031	0.00000	0.00000	0.00000
-1.15	0.16577	-0.23	0.43347	0.00049	0.00006	0.00000	0.00000
-1.10	0.17426	-0.22	0.43774	0.00067	0.00018	0.00000	0.00000
-1.05	0.18298	-0.21	0.44171	0.00085	0.00018	0.00000	0.00000
-1.00	0.19244	-0.20	0.44507	0.00177	0.00043	0.00000	0.00000
-0.95	0.20294	-0.19	0.44855	0.00287	0.00079	0.00000	0.00000
-0.90	0.21313	-0.18	0.45209	0.00397	0.00128	0.00000	0.00006
-0.85	0.22290	-0.17	0.45502	0.00623	0.00201	0.00000	0.00006
-0.80	0.23419	-0.16	0.45844	0.00879	0.00232	0.00000	0.00006
-0.75	0.24475	-0.15	0.46265	0.01227	0.00299	0.00000	0.00006
-0.70	0.25757	-0.14	0.46625	0.01721	0.00476	0.00000	0.00012
-0.65	0.27020	-0.13	0.46985	0.02301	0.00696	0.00000	0.00024
-0.60	0.28430	-0.12	0.47339	0.03107	0.00909	0.00000	0.00037
-0.55	0.29810	-0.11	0.47723	0.04175	0.01331	0.00018	0.00073
-0.50	0.31128	-0.10	0.48114	0.05804	0.02081	0.00043	0.00122
-0.45	0.32550	-0.09	0.48456	0.07764	0.03186	0.00073	0.00244
-0.40	0.33905	-0.08	0.48798	0.10449	0.04968	0.00189	0.00580
-0.35	0.35364	-0.07	0.49115	0.13782	0.07465	0.00568	0.01215
-0.30	0.36926	-0.06	0.49518	0.17853	0.11298	0.01666	0.02972
-0.25	0.38477	-0.05	0.49908	0.23425	0.16779	0.04517	0.06128
-0.20	0.40204	-0.04	0.50201	0.29370	0.23834	0.10620	0.12329
-0.15	0.41870	-0.03	0.50519	0.35962	0.32294	0.21454	0.22418
-0.10	0.43512	-0.02	0.50836	0.43390	0.41461	0.36267	0.36676
-0.05	0.45093	-0.01	0.51343	0.51331	0.51178	0.52667	0.53076

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271

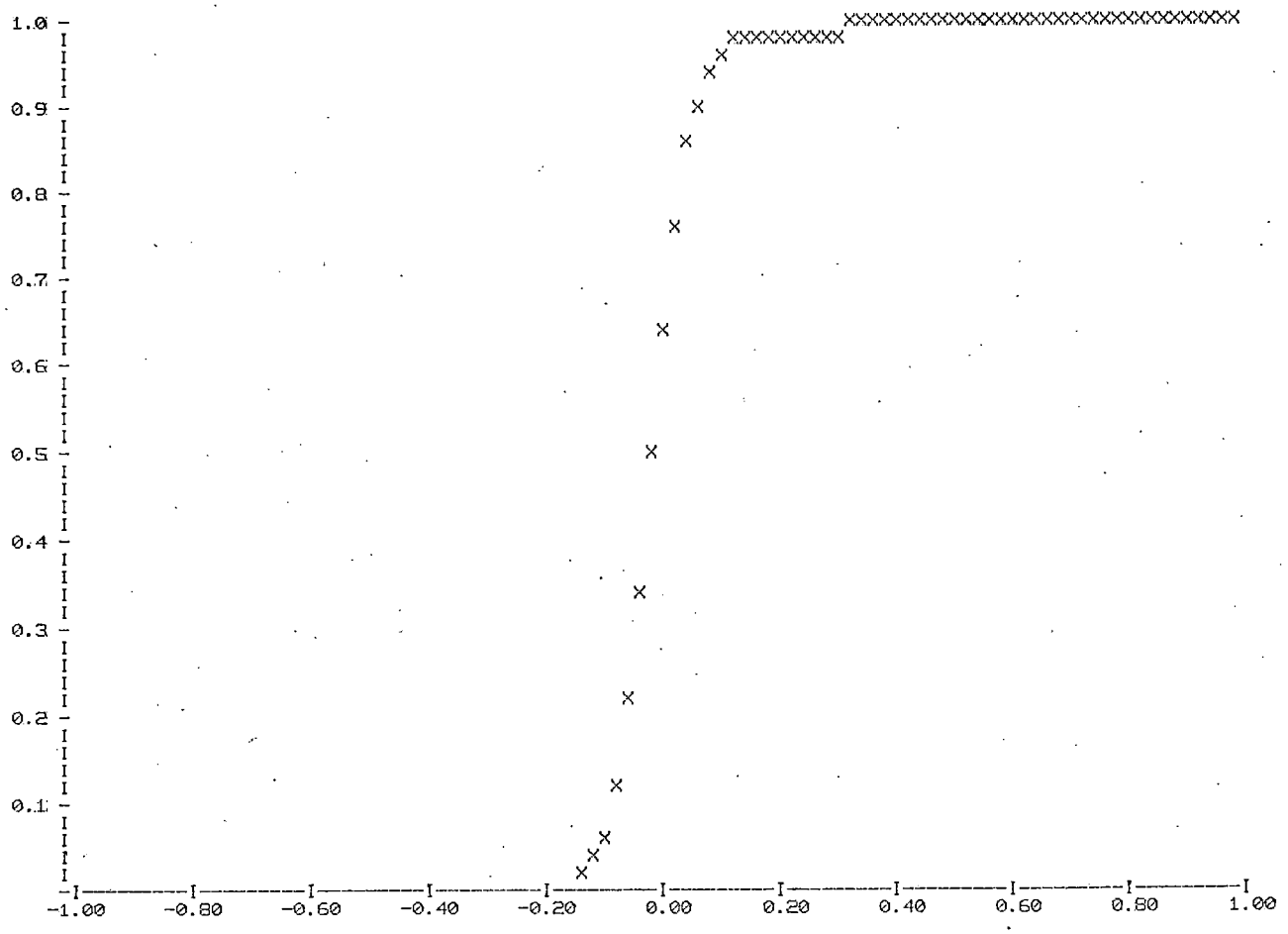
ABSCISSA 1 Rad/Sec/Sec	ROLL	ABSCISSA 2 Rad/Sec/Sec (& G's)	PITCH	YAW	VERT (G's)	LONG. (G's)	LAT. (G's)
0.00	0.46857	0.00	0.51776	0.58765	0.60626	0.67896	0.67877
0.05	0.48669	0.01	0.52148	0.65698	0.69476	0.79626	0.78668
0.10	0.50610	0.02	0.52570	0.72076	0.77411	0.88226	0.85956
0.15	0.52515	0.03	0.52863	0.77625	0.83362	0.93475	0.90765
0.20	0.54346	0.04	0.53174	0.82422	0.88031	0.96405	0.94397
0.25	0.56177	0.05	0.53497	0.86151	0.91760	0.98224	0.96759
0.30	0.58002	0.06	0.53931	0.88971	0.94415	0.99127	0.98132
0.35	0.59930	0.07	0.54187	0.91431	0.96185	0.99512	0.98987
0.40	0.62079	0.08	0.54510	0.93402	0.97284	0.99677	0.99414
0.45	0.63959	0.09	0.54791	0.94855	0.98102	0.99835	0.99701
0.50	0.65717	0.10	0.55200	0.96075	0.98560	0.99884	0.99841
0.55	0.67413	0.11	0.55597	0.97028	0.99011	0.99939	0.99927
0.60	0.69043	0.12	0.55981	0.97693	0.99274	0.99957	0.99963
0.65	0.70697	0.13	0.56342	0.98187	0.99463	0.99963	0.99988
0.70	0.72290	0.14	0.56696	0.98633	0.99567	0.99976	1.00000
0.75	0.73901	0.15	0.56982	0.98944	0.99670	0.99982	1.00000
0.80	0.75458	0.16	0.57330	0.99164	0.99731	0.99983	1.00000
0.85	0.77246	0.17	0.57617	0.99420	0.99817	1.00000	1.00000
0.90	0.78754	0.18	0.58051	0.99573	0.99847	1.00000	1.00000
0.95	0.80084	0.19	0.58453	0.99670	0.99908	1.00000	1.00000
1.00	0.81616	0.20	0.58844	0.99750	0.99951	1.00000	1.00000
1.05	0.82916	0.21	0.59167	0.99829	0.99969	1.00000	1.00000
1.10	0.84253	0.22	0.59521	0.99884	0.99976	1.00000	1.00000
1.15	0.85504	0.23	0.59918	0.99908	0.99976	1.00000	1.00000
1.20	0.86548	0.24	0.60284	0.99933	0.99976	1.00000	1.00000
1.25	0.87524	0.25	0.60681	0.99939	0.99982	1.00000	1.00000
1.30	0.88354	0.26	0.61041	0.99969	0.99988	1.00000	1.00000
1.35	0.89368	0.27	0.61407	0.99969	0.99994	1.00000	1.00000
1.40	0.90265	0.28	0.61755	0.99982	1.00000	1.00000	1.00000
1.45	0.91113	0.29	0.62146	0.99988	1.00000	1.00000	1.00000
1.50	0.91858	0.30	0.62494	0.99994	1.00000	1.00000	1.00000
1.55	0.92535	0.31	0.62805	0.99994	1.00000	1.00000	1.00000
1.60	0.93170	0.32	0.63141	1.00000	1.00000	1.00000	1.00000
1.65	0.93781	0.33	0.63403	1.00000	1.00000	1.00000	1.00000
1.70	0.94403	0.34	0.63751	1.00000	1.00000	1.00000	1.00000
1.75	0.95007	0.35	0.64081	1.00000	1.00000	1.00000	1.00000
1.80	0.95520	0.36	0.64368	1.00000	1.00000	1.00000	1.00000
1.85	0.95929	0.37	0.64642	1.00000	1.00000	1.00000	1.00000
1.90	0.96350	0.38	0.65021	1.00000	1.00000	1.00000	1.00000
1.95	0.96710	0.39	0.65387	1.00000	1.00000	1.00000	1.00000
2.00	0.96985	0.40	0.65729	1.00000	1.00000	1.00000	1.00000
2.05	0.97339	0.41	0.65991	1.00000	1.00000	1.00000	1.00000
2.10	0.97644	0.42	0.66339	1.00000	1.00000	1.00000	1.00000
2.15	0.97906	0.43	0.66650	1.00000	1.00000	1.00000	1.00000
2.20	0.98114	0.44	0.66943	1.00000	1.00000	1.00000	1.00000
2.25	0.98279	0.45	0.67242	1.00000	1.00000	1.00000	1.00000
2.30	0.98480	0.46	0.67566	1.00000	1.00000	1.00000	1.00000
2.35	0.98602	0.47	0.67889	1.00000	1.00000	1.00000	1.00000
2.40	0.98688	0.48	0.68195	1.00000	1.00000	1.00000	1.00000
2.45	0.98804	0.49	0.68530	1.00000	1.00000	1.00000	1.00000
2.50	0.98901	0.50	0.68921	1.00000	1.00000	1.00000	1.00000
2.55	0.99011	0.51	0.69202	1.00000	1.00000	1.00000	1.00000
2.60	0.99097	0.52	0.69440	1.00000	1.00000	1.00000	1.00000
2.65	0.99188	0.53	0.69751	1.00000	1.00000	1.00000	1.00000
2.70	0.99255	0.54	0.70050	1.00000	1.00000	1.00000	1.00000
2.75	0.99335	0.55	0.70410	1.00000	1.00000	1.00000	1.00000
2.80	0.99390	0.56	0.70654	1.00000	1.00000	1.00000	1.00000
2.85	0.99432	0.57	0.70978	1.00000	1.00000	1.00000	1.00000
2.90	0.99487	0.58	0.71216	1.00000	1.00000	1.00000	1.00000
2.95	0.99542	0.59	0.71466	1.00000	1.00000	1.00000	1.00000
3.00	0.99554	0.60	0.71710	1.00000	1.00000	1.00000	1.00000
3.05	0.99597	0.61	0.71948	1.00000	1.00000	1.00000	1.00000
3.10	0.99622	0.62	0.72186	1.00000	1.00000	1.00000	1.00000
3.15	0.99652	0.63	0.72455	1.00000	1.00000	1.00000	1.00000
3.20	0.99677	0.64	0.72656	1.00000	1.00000	1.00000	1.00000
3.25	0.99689	0.65	0.72906	1.00000	1.00000	1.00000	1.00000
3.30	0.99713	0.66	0.73157	1.00000	1.00000	1.00000	1.00000
3.35	0.99756	0.67	0.73419	1.00000	1.00000	1.00000	1.00000
3.40	0.99774	0.68	0.73700	1.00000	1.00000	1.00000	1.00000
3.45	0.99786	0.69	0.73981	1.00000	1.00000	1.00000	1.00000
3.50	0.99792	0.70	0.74231	1.00000	1.00000	1.00000	1.00000
3.55	0.99811	0.71	0.74451	1.00000	1.00000	1.00000	1.00000
3.60	0.99829	0.72	0.74707	1.00000	1.00000	1.00000	1.00000
3.65	0.99841	0.73	0.74982	1.00000	1.00000	1.00000	1.00000
3.70	0.99860	0.74	0.75238	1.00000	1.00000	1.00000	1.00000
3.75	0.99878	0.75	0.75488	1.00000	1.00000	1.00000	1.00000
3.80	0.99884	0.76	0.75739	1.00000	1.00000	1.00000	1.00000
3.85	0.99884	0.77	0.75958	1.00000	1.00000	1.00000	1.00000
3.90	0.99884	0.78	0.76202	1.00000	1.00000	1.00000	1.00000
3.95	0.99890	0.79	0.76465	1.00000	1.00000	1.00000	1.00000
4.00	0.99890	0.80	0.76697	1.00000	1.00000	1.00000	1.00000
4.05	0.99902	0.81	0.76917	1.00000	1.00000	1.00000	1.00000
4.10	0.99927	0.82	0.77124	1.00000	1.00000	1.00000	1.00000
4.15	0.99927	0.83	0.77338	1.00000	1.00000	1.00000	1.00000
4.20	0.99945	0.84	0.77606	1.00000	1.00000	1.00000	1.00000
4.25	0.99957	0.85	0.77820	1.00000	1.00000	1.00000	1.00000
4.30	0.99957	0.86	0.78033	1.00000	1.00000	1.00000	1.00000
4.35	0.99957	0.87	0.78229	1.00000	1.00000	1.00000	1.00000
4.40	0.99957	0.88	0.78448	1.00000	1.00000	1.00000	1.00000
4.45	0.99969	0.89	0.78668	1.00000	1.00000	1.00000	1.00000
4.50	0.99976	0.90	0.78906	1.00000	1.00000	1.00000	1.00000
4.55	0.99976	0.91	0.79108	1.00000	1.00000	1.00000	1.00000
4.60	0.99976	0.92	0.79327	1.00000	1.00000	1.00000	1.00000
4.65	0.99976	0.93	0.79565	1.00000	1.00000	1.00000	1.00000
4.70	0.99982	0.94	0.79779	1.00000	1.00000	1.00000	1.00000
4.75	0.99982	0.95	0.80054	1.00000	1.00000	1.00000	1.00000
4.80	0.99982	0.96	0.80432	1.00000	1.00000	1.00000	1.00000
4.85	0.99982	0.97	0.81116	1.00000	1.00000	1.00000	1.00000
4.90	0.99982	0.98	0.82709	1.00000	1.00000	1.00000	1.00000
4.95	1.00000	0.99	1.00000	1.00000	1.00000	1.00000	1.00000

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271

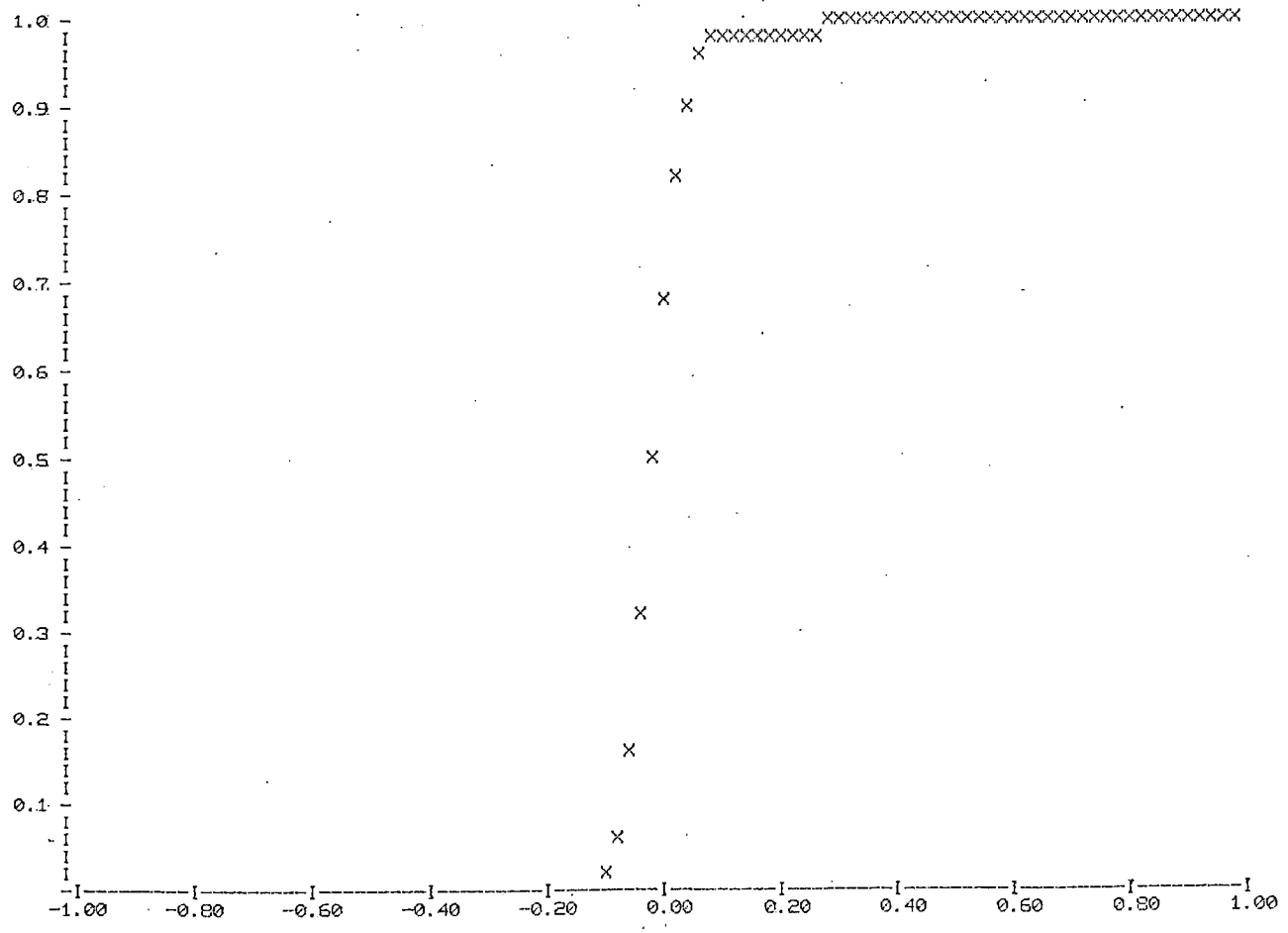




Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271

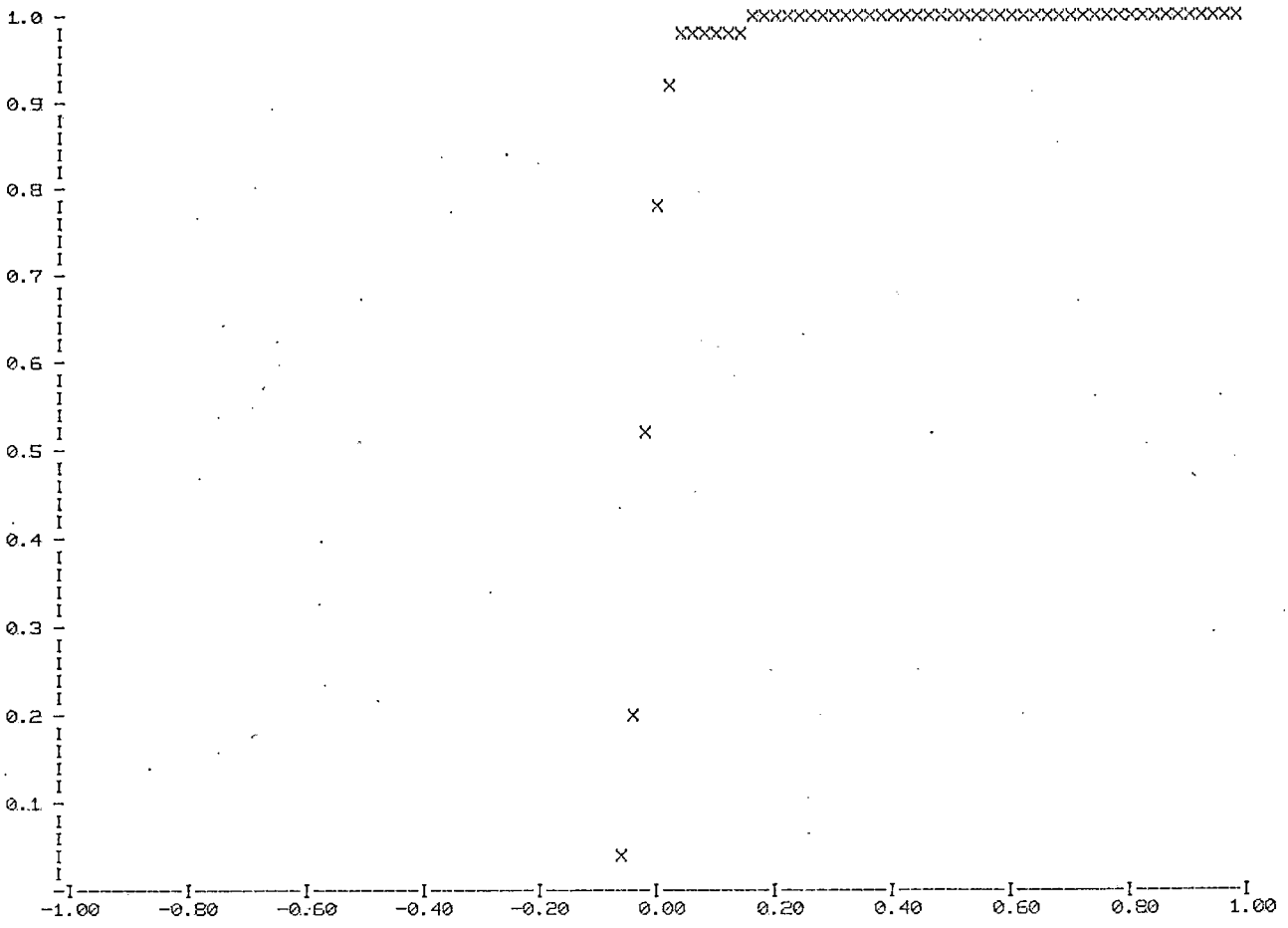


YAW (RAD./SEC./SEC.)

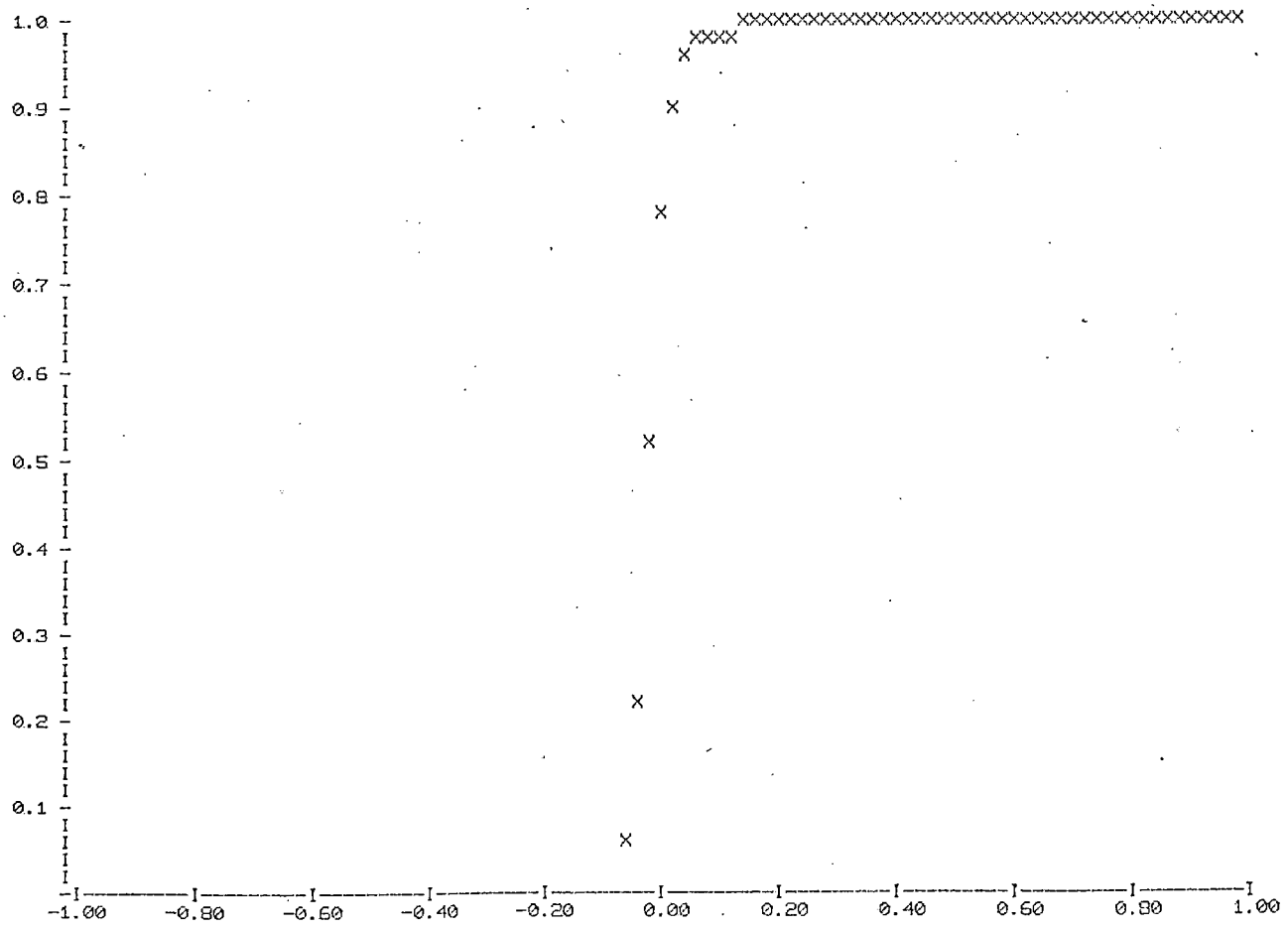


VERT. ACCELERATION (G'S)

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271



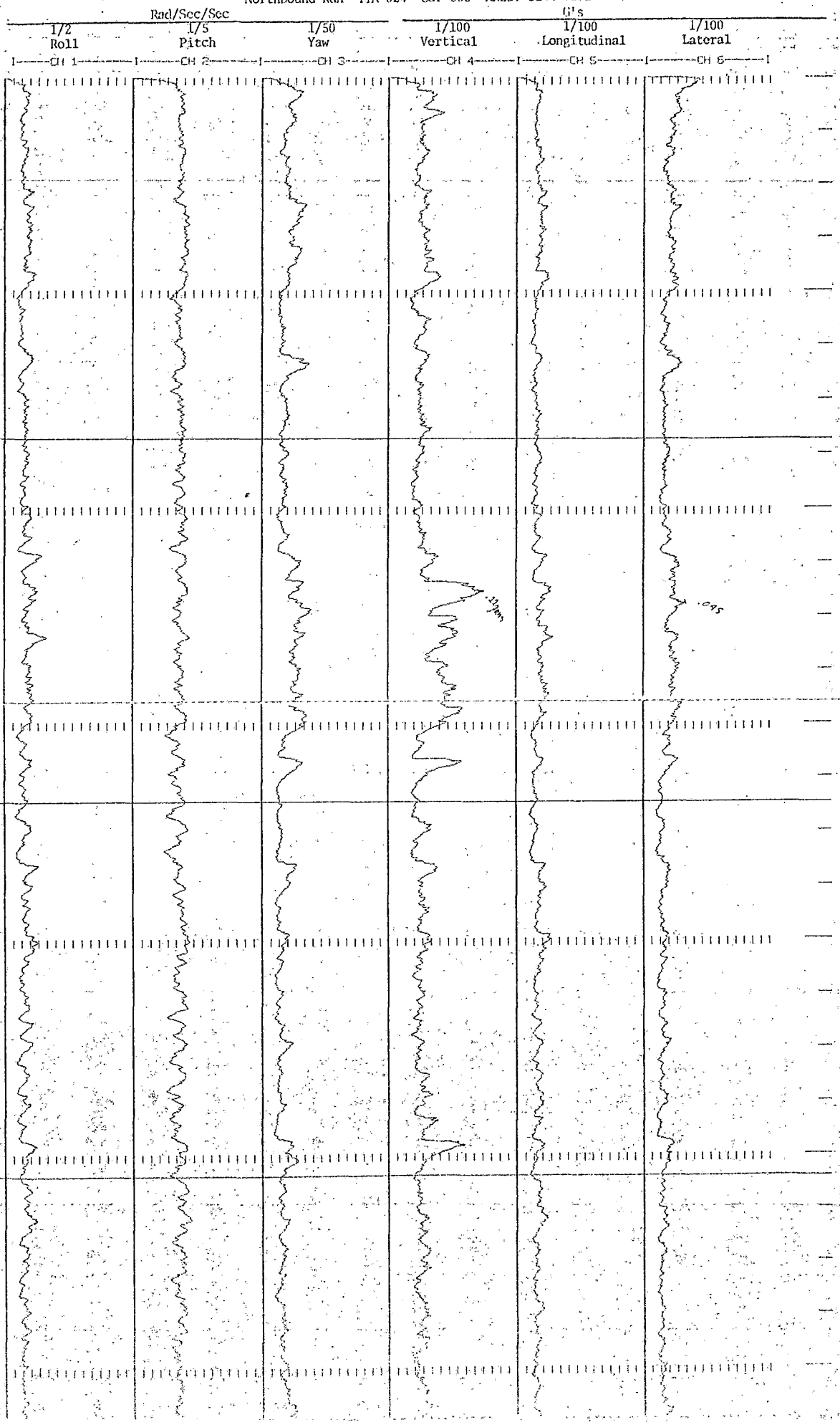
LONG. ACCELERATION (G'S)



LAT. ACCELERATION (G'S)

RMS ACCELERATION

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3144-3271



ISO Bands - RMS ACCELERATION IN G S

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	0.00101	0.00209	0.00000		LB	0.00313	0.00322	0.00538
1.0 HZ	EV	0.00202	0.00444	0.00585	10.0 HZ	EV	0.00490	0.00609	0.00815
	UB	0.00266	0.00592	0.00845		UB	0.00619	0.00799	0.01020
	LB	0.00104	0.00000	0.00223		LB	0.00483	0.00588	0.00699
1.3 HZ	EV	0.00208	0.00544	0.00560	12.5 HZ	EV	0.00723	0.00785	0.00986
	UB	0.00276	0.00807	0.00760		UB	0.00902	0.00942	0.01207
	LB	0.00145	0.00000	0.00604		LB	0.00996	0.00694	0.01140
1.6 HZ	EV	0.00212	0.00627	0.00949	16.0 HZ	EV	0.01265	0.00841	0.01430
	UB	0.00262	0.00959	0.01199		UB	0.01486	0.00967	0.01671
	LB	0.00141	0.00235	0.00452		LB	0.00486	0.00400	0.00480
2.0 HZ	EV	0.00213	0.00651	0.00989	20.0 HZ	EV	0.00591	0.00496	0.00597
	UB	0.00267	0.00889	0.01323		UB	0.00680	0.00576	0.00694
	LB	0.00145	0.00319	0.00018		LB	0.00358	0.00356	0.00347
2.5 HZ	EV	0.00226	0.00592	0.00896	25.0 HZ	EV	0.00476	0.00471	0.00491
	UB	0.00285	0.00773	0.01267		UB	0.00570	0.00563	0.00601
	LB	0.00172	0.00152	0.00428		LB	0.00444	0.00566	0.00682
3.1 HZ	EV	0.00256	0.00478	0.00833	31.5 HZ	EV	0.00497	0.00659	0.00798
	UB	0.00318	0.00659	0.01098		UB	0.00545	0.00741	0.00898
	LB	0.00150	0.00196	0.00530		LB	0.00360	0.00371	0.00697
4.0 HZ	EV	0.00286	0.00421	0.00798	40.0 HZ	EV	0.00436	0.00436	0.00921
	UB	0.00376	0.00563	0.00997		UB	0.00500	0.00493	0.01100
	LB	0.00250	0.00232	0.00000		LB	0.00391	0.00400	0.00499
5.0 HZ	EV	0.00398	0.00603	0.02129	50.0 HZ	EV	0.00438	0.00448	0.00564
	UB	0.00505	0.00821	0.03195		UB	0.00480	0.00492	0.00623
	LB	0.00288	0.00239	0.00542		LB	0.00402	0.00420	0.00591
6.3 HZ	EV	0.00517	0.00586	0.01736	63.0 HZ	EV	0.00452	0.00461	0.00653
	UB	0.00673	0.00793	0.02394		UB	0.00497	0.00499	0.00709
	LB	0.00860	0.00000	0.00564		LB	0.00356	0.00358	0.00414
8.0 HZ	EV	0.01254	0.00862	0.00770	80.0 HZ	EV	0.00395	0.00392	0.00463
	UB	0.01550	0.01235	0.00932		UB	0.00430	0.00423	0.00507

ISO Bands- RMS ACCELERATION IN M/S2

	LB	0.00992	0.02052	0.00000		LB	0.03073	0.03161	0.05275
1.0 HZ	EV	0.01976	0.04353	0.05733	10.0 HZ	EV	0.04809	0.05976	0.07996
	UB	0.02613	0.05804	0.08288		UB	0.06066	0.07839	0.10003
	LB	0.01017	0.00000	0.02191		LB	0.04736	0.05768	0.06853
1.3 HZ	EV	0.02042	0.05339	0.05496	12.5 HZ	EV	0.07095	0.07699	0.09670
	UB	0.02703	0.07913	0.07457		UB	0.08845	0.09234	0.11835
	LB	0.01423	0.00000	0.05923		LB	0.09764	0.06801	0.11176
1.6 HZ	EV	0.02076	0.06149	0.09307	16.0 HZ	EV	0.12404	0.08251	0.14024
	UB	0.02568	0.09401	0.11754		UB	0.14573	0.09481	0.16384
	LB	0.01378	0.02309	0.04432		LB	0.04768	0.03925	0.04709
2.0 HZ	EV	0.02093	0.06379	0.09697	20.0 HZ	EV	0.05799	0.04861	0.05853
	UB	0.02618	0.08721	0.12977		UB	0.06673	0.05644	0.06803
	LB	0.01420	0.03124	0.00176		LB	0.03508	0.03490	0.03401
2.5 HZ	EV	0.02219	0.05800	0.08787	25.0 HZ	EV	0.04669	0.04616	0.04811
	UB	0.02799	0.07585	0.12426		UB	0.05594	0.05517	0.05893
	LB	0.01691	0.01488	0.04193		LB	0.04354	0.05548	0.06692
3.1 HZ	EV	0.02507	0.04687	0.08168	31.5 HZ	EV	0.04876	0.06463	0.07822
	UB	0.03116	0.06459	0.10764		UB	0.05347	0.07263	0.08809
	LB	0.01476	0.01924	0.05194		LB	0.03533	0.03638	0.06838
4.0 HZ	EV	0.02809	0.04133	0.07829	40.0 HZ	EV	0.04274	0.04276	0.09029
	UB	0.03689	0.05519	0.09779		UB	0.04905	0.04831	0.10785
	LB	0.02448	0.02270	0.00000		LB	0.03836	0.03923	0.04889
5.0 HZ	EV	0.03905	0.05916	0.20873	50.0 HZ	EV	0.04296	0.04396	0.05535
	UB	0.04950	0.08053	0.31331		UB	0.04711	0.04822	0.06113
	LB	0.02827	0.02341	0.05318		LB	0.03940	0.04122	0.05791
6.3 HZ	EV	0.05074	0.05745	0.17020	63.0 HZ	EV	0.04432	0.04526	0.06401
	UB	0.06595	0.07780	0.23476		UB	0.04874	0.04896	0.06957
	LB	0.08436	0.00000	0.05527		LB	0.03492	0.03514	0.04060
8.0 HZ	EV	0.12294	0.08450	0.07552	80.0 HZ	EV	0.03871	0.03842	0.04541
	UB	0.15203	0.12109	0.09139		UB	0.04215	0.04145	0.04975

TIME LIMITS

EXPOSURE LIMITS

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.0 HZ	EV	24.00000	24.00000	24.00000	10.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.3 HZ	EV	24.00000	24.00000	24.00000	12.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.6 HZ	EV	24.00000	24.00000	24.00000	16.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.0 HZ	EV	24.00000	24.00000	24.00000	20.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.5 HZ	EV	24.00000	24.00000	24.00000	25.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
3.1 HZ	EV	24.00000	24.00000	24.00000	31.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
4.0 HZ	EV	24.00000	24.00000	24.00000	40.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
5.0 HZ	EV	24.00000	24.00000	24.00000	50.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	16.62075		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
6.3 HZ	EV	24.00000	24.00000	24.00000	63.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	23.46952		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
8.0 HZ	EV	24.00000	24.00000	24.00000	80.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000

EXPOSURE LIMITS

	LONGITUDINAL	LATERAL	VERTICAL
EXPOSURE TIME (HRS):	24.00000	24.00000	24.00000
Center Freq (Hz):	1 Hz	1 Hz	1 Hz

FATIGUE LIMITS

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.0 HZ	EV	24.00000	24.00000	24.00000	10.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.3 HZ	EV	24.00000	24.00000	24.00000	12.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
1.6 HZ	EV	24.00000	24.00000	24.00000	16.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.0 HZ	EV	24.00000	24.00000	24.00000	20.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
2.5 HZ	EV	24.00000	24.00000	24.00000	25.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
3.1 HZ	EV	24.00000	24.00000	24.00000	31.5 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
4.0 HZ	EV	24.00000	24.00000	24.00000	40.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
5.0 HZ	EV	24.00000	24.00000	11.74431	50.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	7.10650		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
6.3 HZ	EV	24.00000	24.00000	15.04180	63.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	10.17141		UB	24.00000	24.00000	24.00000
	LB	24.00000	24.00000	24.00000		LB	24.00000	24.00000	24.00000
8.0 HZ	EV	24.00000	24.00000	24.00000	80.0 HZ	EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	24.00000		UB	24.00000	24.00000	24.00000

REDUCED COMFORT

CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL	CENTER FREQ		LONGITUDINAL	LATERAL	VERTICAL
1.0 HZ	LB	24.00000	24.00000	24.00000	10.0 HZ	LB	24.00000	24.00000	20.22031
	EV	24.00000	15.43969	24.00000		EV	24.00000	24.00000	12.24928
	UB	24.00000	10.44114	20.42932		UB	24.00000	24.00000	9.31013
1.3 HZ	LB	24.00000	24.00000	24.00000	12.5 HZ	LB	24.00000	24.00000	19.47280
	EV	24.00000	11.70339	24.00000		EV	24.00000	24.00000	12.86214
	UB	24.00000	6.79587	20.19999		UB	24.00000	24.00000	10.05001
1.6 HZ	LB	24.00000	24.00000	23.17200	16.0 HZ	LB	24.00000	24.00000	14.26646
	EV	24.00000	9.64442	13.47403		EV	24.00000	24.00000	10.82497
	UB	24.00000	5.32576	10.19556		UB	24.00000	24.00000	8.93886
2.0 HZ	LB	24.00000	24.00000	24.00000	20.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	9.16973	11.14171		EV	24.00000	24.00000	24.00000
	UB	24.00000	5.92635	7.77387		UB	24.00000	24.00000	24.00000
2.5 HZ	LB	24.00000	24.00000	24.00000	25.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	14.29773	10.91747		EV	24.00000	24.00000	24.00000
	UB	24.00000	9.91909	7.10567		UB	24.00000	24.00000	24.00000
3.1 HZ	LB	24.00000	24.00000	23.17687	31.5 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	10.36900		EV	24.00000	24.00000	24.00000
	UB	24.00000	16.87387	7.36434		UB	24.00000	24.00000	24.00000
4.0 HZ	LB	24.00000	24.00000	15.62866	40.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	9.48100		EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	7.18926		UB	24.00000	24.00000	24.00000
5.0 HZ	LB	24.00000	24.00000	24.00000	50.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	2.63227		EV	24.00000	24.00000	24.00000
	UB	24.00000	23.28468	1.41789		UB	24.00000	24.00000	24.00000
6.3 HZ	LB	24.00000	24.00000	15.20595	63.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	3.49569		EV	24.00000	24.00000	24.00000
	UB	24.00000	24.00000	2.22042		UB	24.00000	24.00000	24.00000
8.0 HZ	LB	24.00000	24.00000	14.49924	80.0 HZ	LB	24.00000	24.00000	24.00000
	EV	24.00000	24.00000	9.91161		EV	24.00000	24.00000	24.00000
	UB	18.41824	24.00000	7.82523		UB	24.00000	24.00000	24.00000

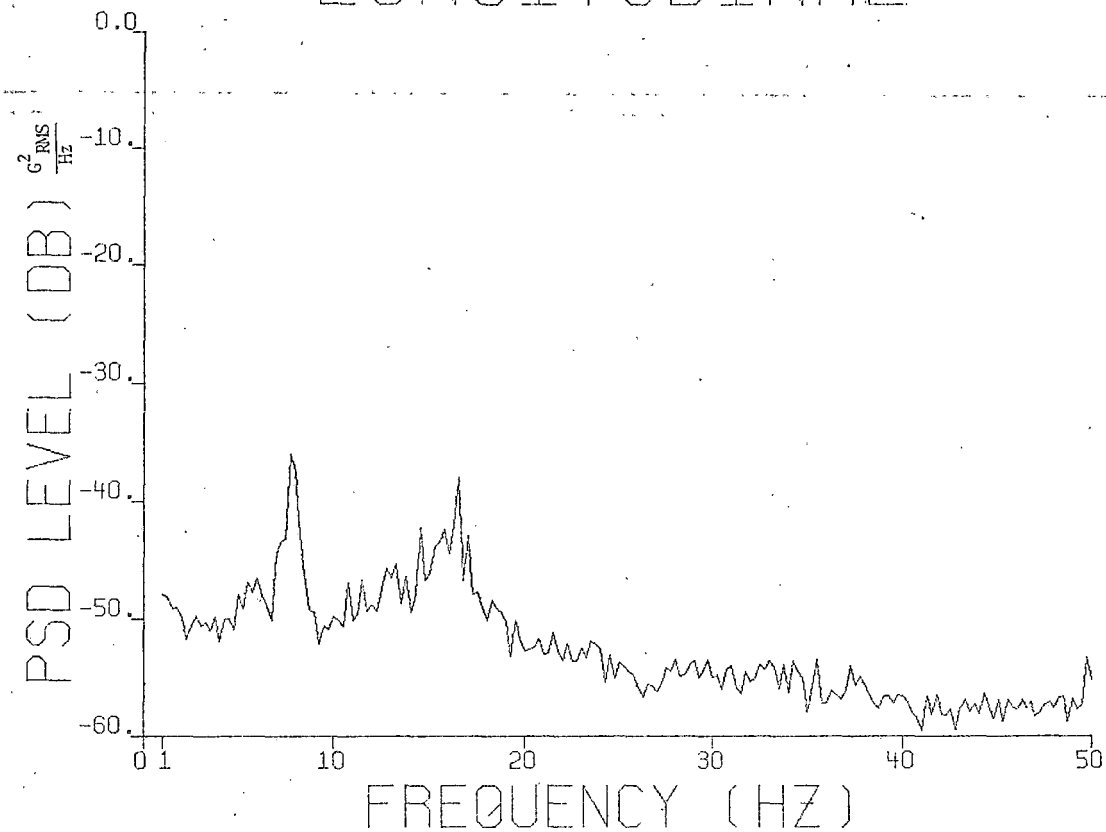
REDUCED COMFORT

	LONGITUDINAL	LATERAL	VERTICAL
EXPOSURE TIME (HRS):	24.00000	9.16973	2.63227

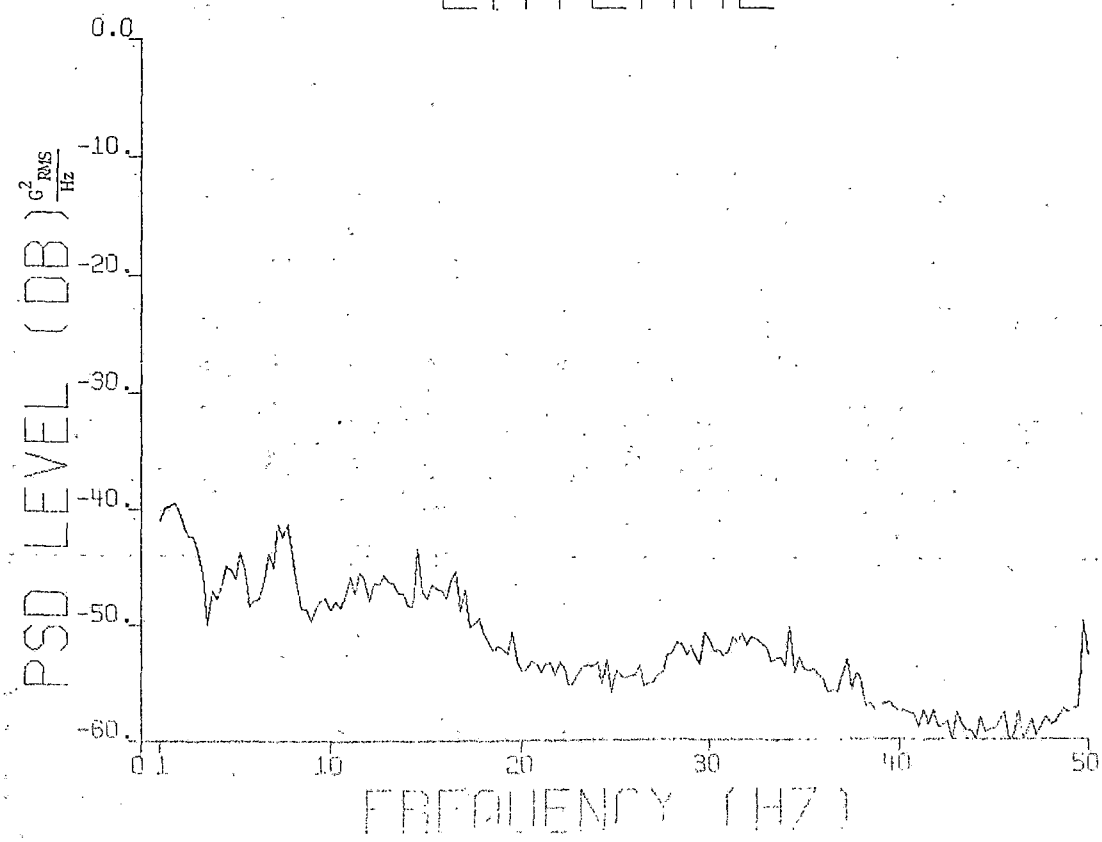
Center Freq (Hz):	1 Hz	2 Hz	5 Hz

Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3143-3270

LONGITUDINAL



LATERAL



Metroliner Truck Test, RG-125.1, 6 May 75, 256 Hz
Northbound Run TTA 024 Car 855 RECS: 3143-3270