

DOT# 127
DOT# 213

Dynalene

A SUBSIDIARY OF TALLEY INDUSTRIES

150 WEST PINNACLE PEAK ROAD PHOENIX, ARIZONA 85027 (602) 860-0621

DOT 127

213

TEST REPORT NO. 1

CRABBED SIDE IMPACTOR-TO-
VW RABBIT
FRONT-TO-SIDE TESTS @ 60°

TESTS 8327-6.3 THROUGH 8327-6.4

APPENDICES D, E, F

R. Garn
M. Rodack
T. Bjork
S. Davis

APPENDIX D CRABBED SIDE IMPACTOR-INTO-1980 VW RABBIT AT
60° BULLET VEHICLE SPEED = 39.1 MPH
(FRONT: SID REAR: APR)
CALCOMP PLOTS FOR TEST 8327-6.3 DOT 127

APPENDIX E CRABBED SIDE IMPACTOR-INTO-MODIFIED VW RABBIT
AT 60° BULLET VEHICLE SPEED = 40.1 MPH
(FRONT: SID REAR: APR)
CALCOMP PLOTS FOR TEST 8327-6.4 DOT 213

APPENDIX F PRE- AND POST-TEST DUMMY SIDE BUMP DATA
(APR AND SID DUMMIES)

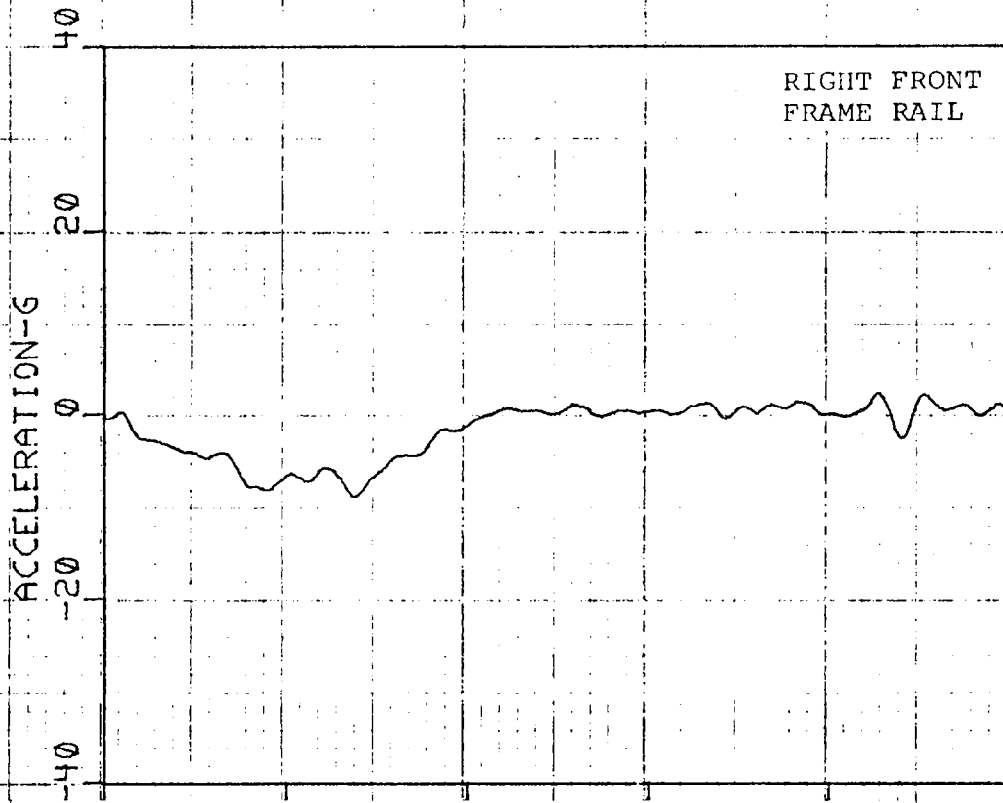
APPENDIX D

CALCOMP PLOTS
FOR TEST 8327-6.3

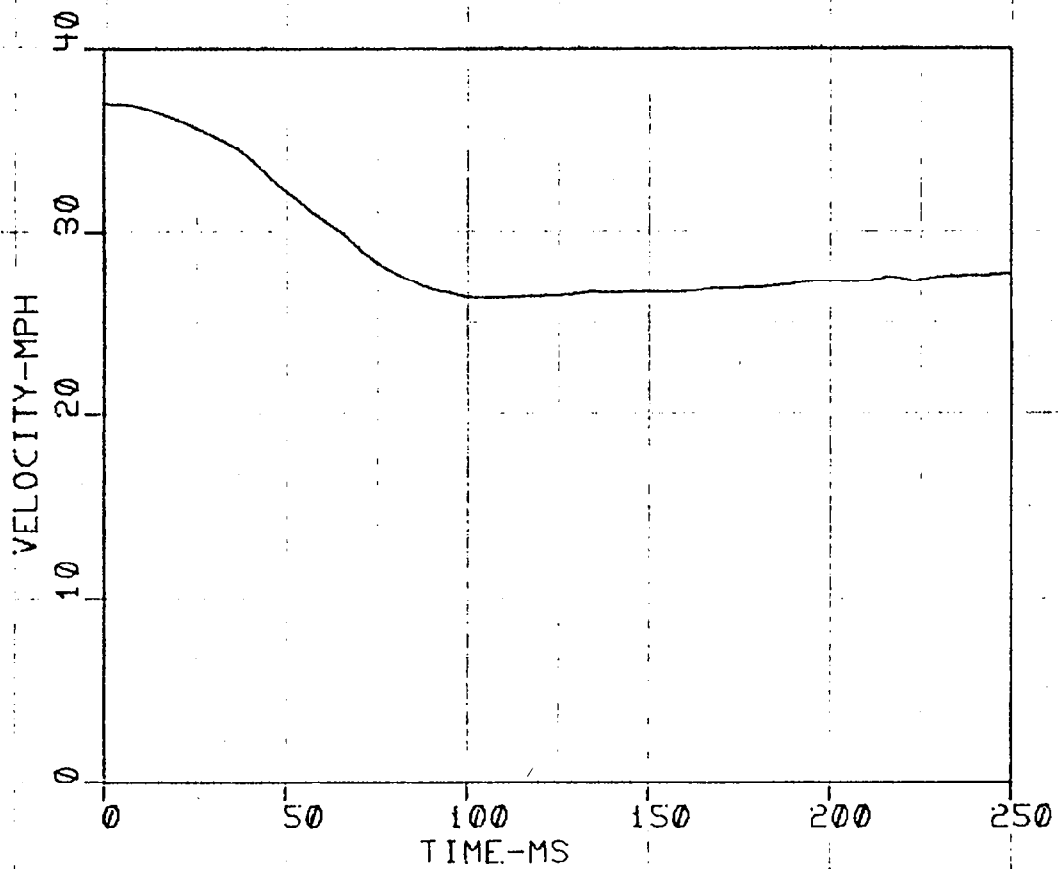
CRABBED SIDE IMPACTOR-INTO-
MODIFIED VW RABBIT AT 60°
BULLET VEHICLE SPEED = 39.1 MPH

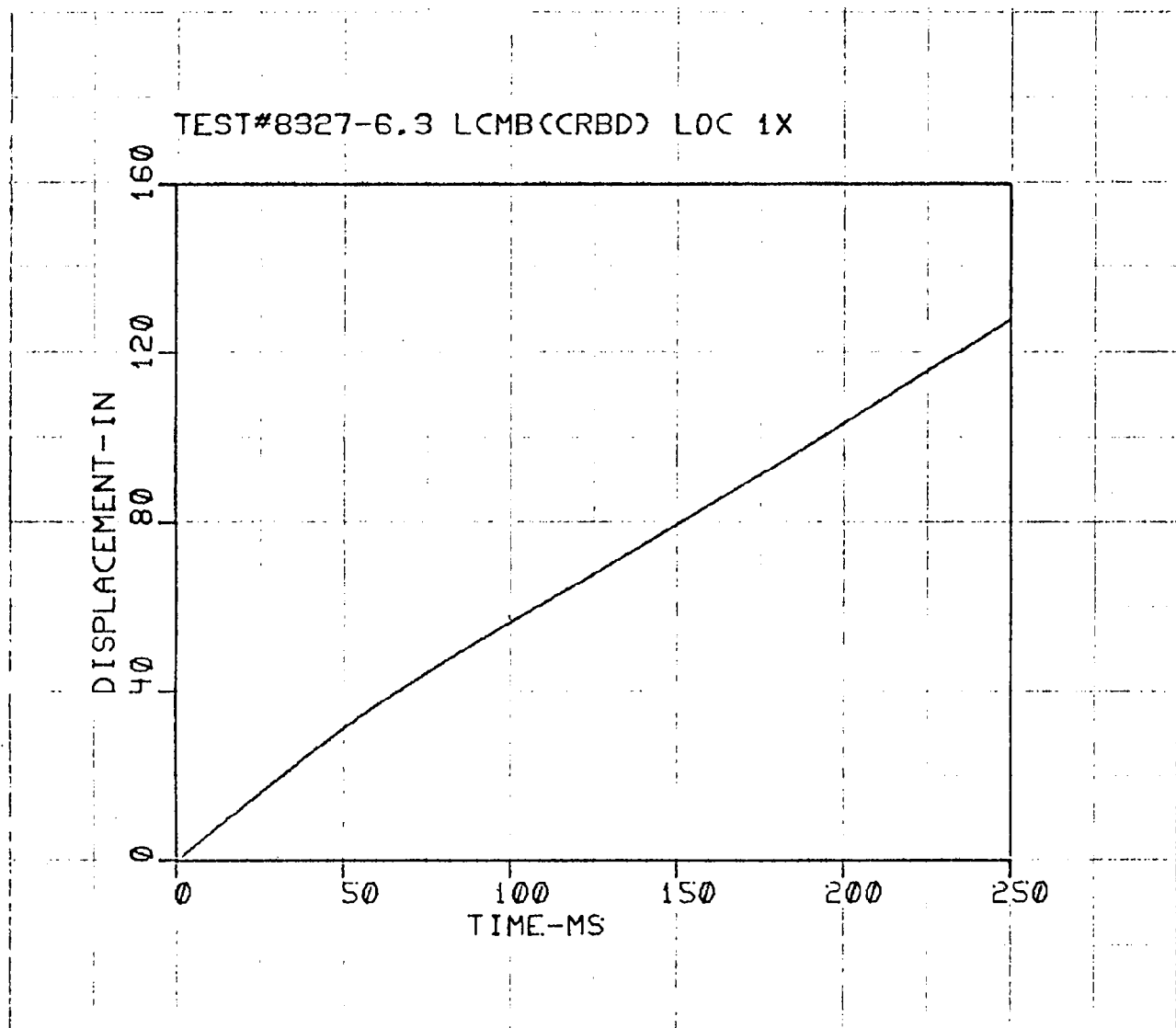
(FRONT: SID REAR: APR)

TEST#8327-6.3 CRABBED BOGEY LOC 1X

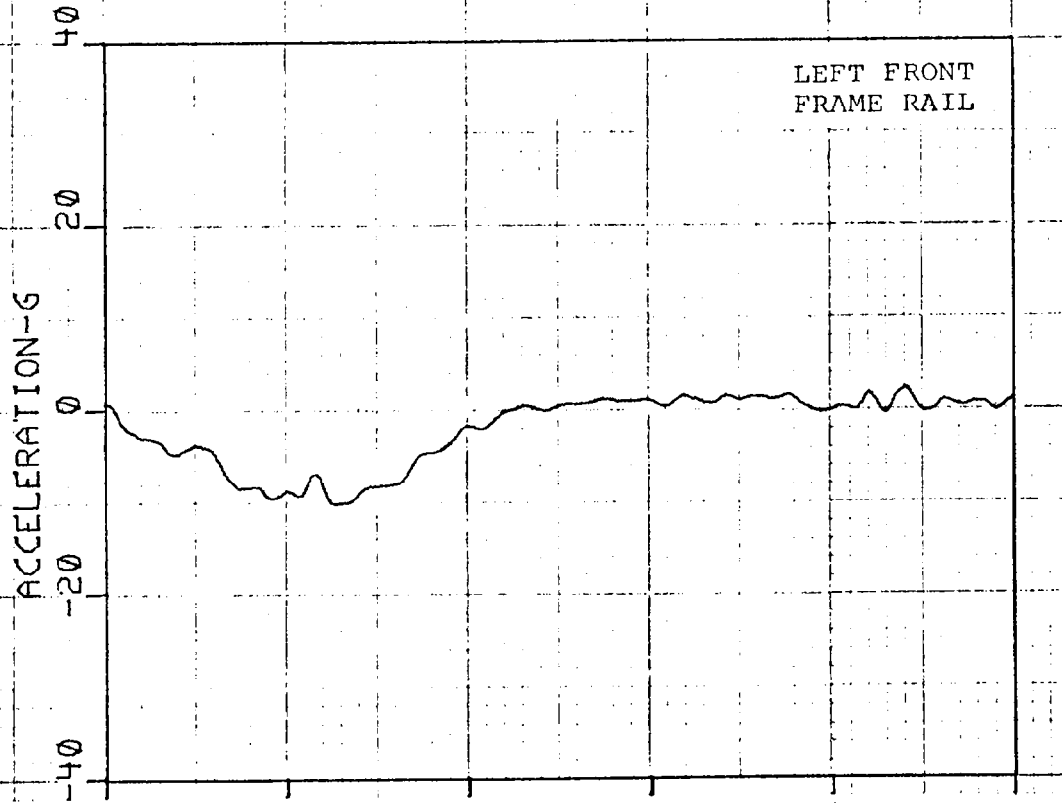


TEST#8327-6.3 LCMB(CRBD) LOC 1X

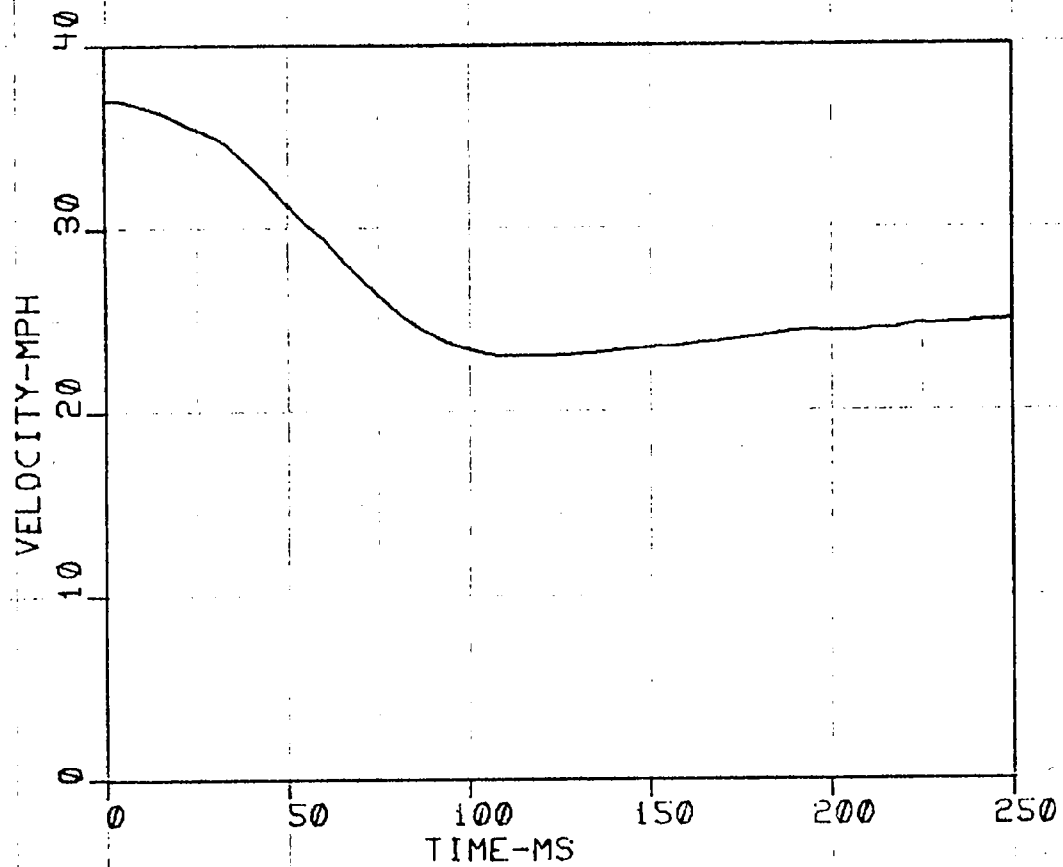


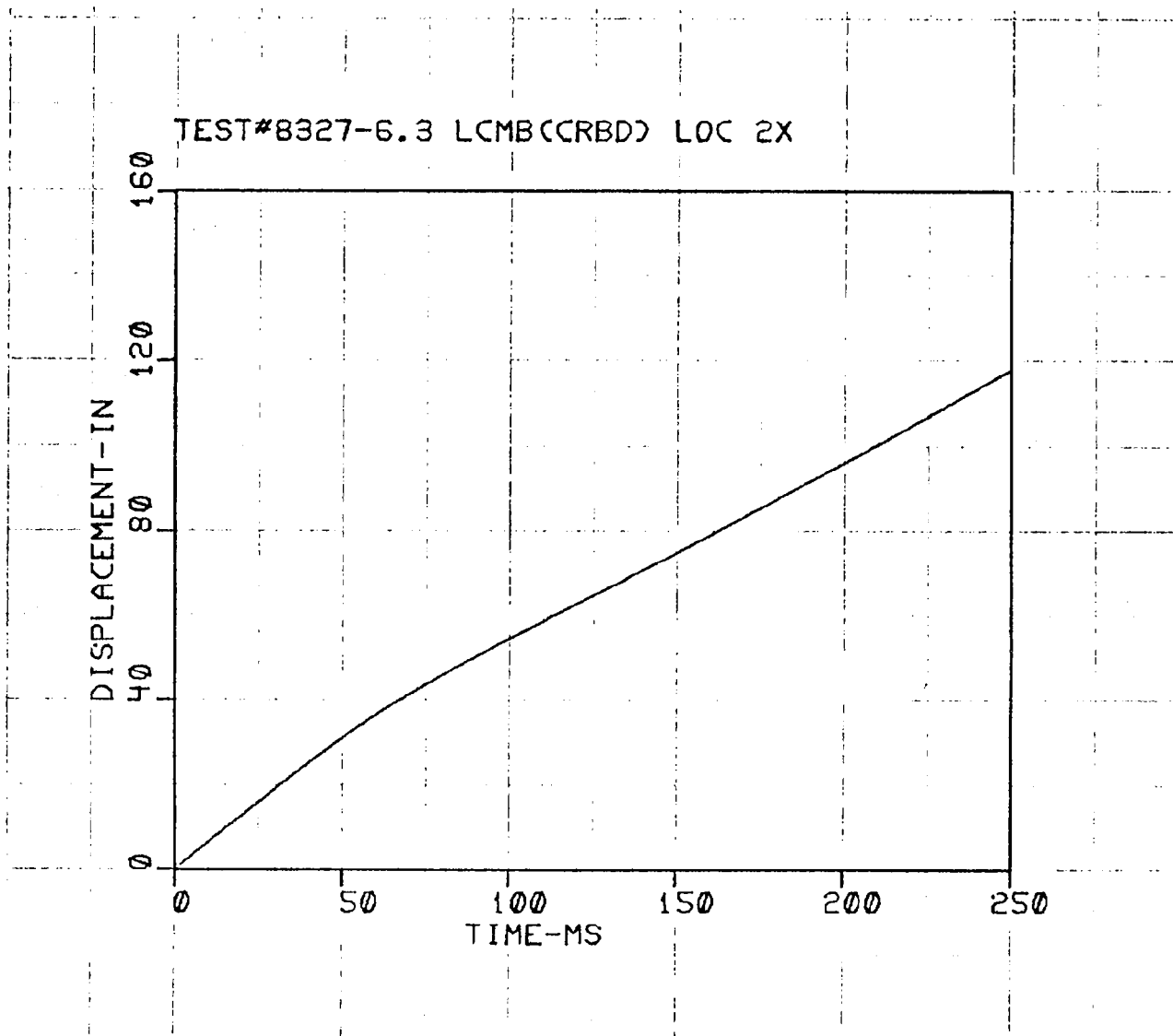


TEST#8327-6.3 CRABBED BOGEY LOC 2X

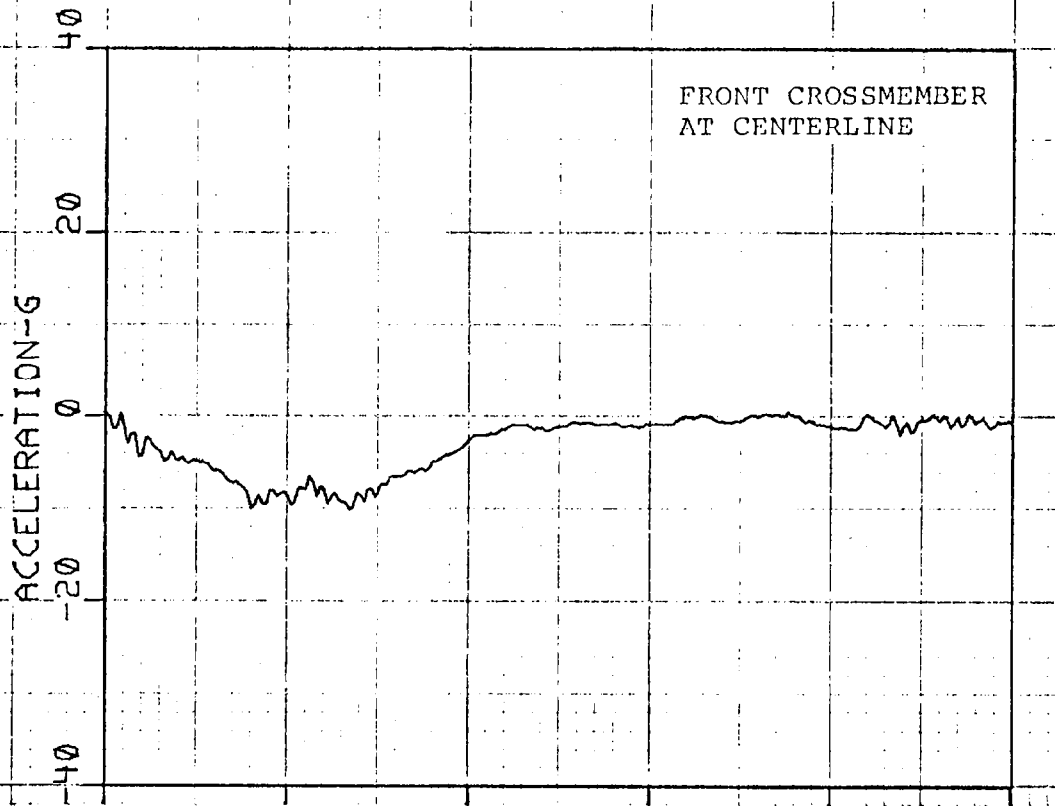


TEST#8327-6.3 LCMB(CRBD) LOC 2X

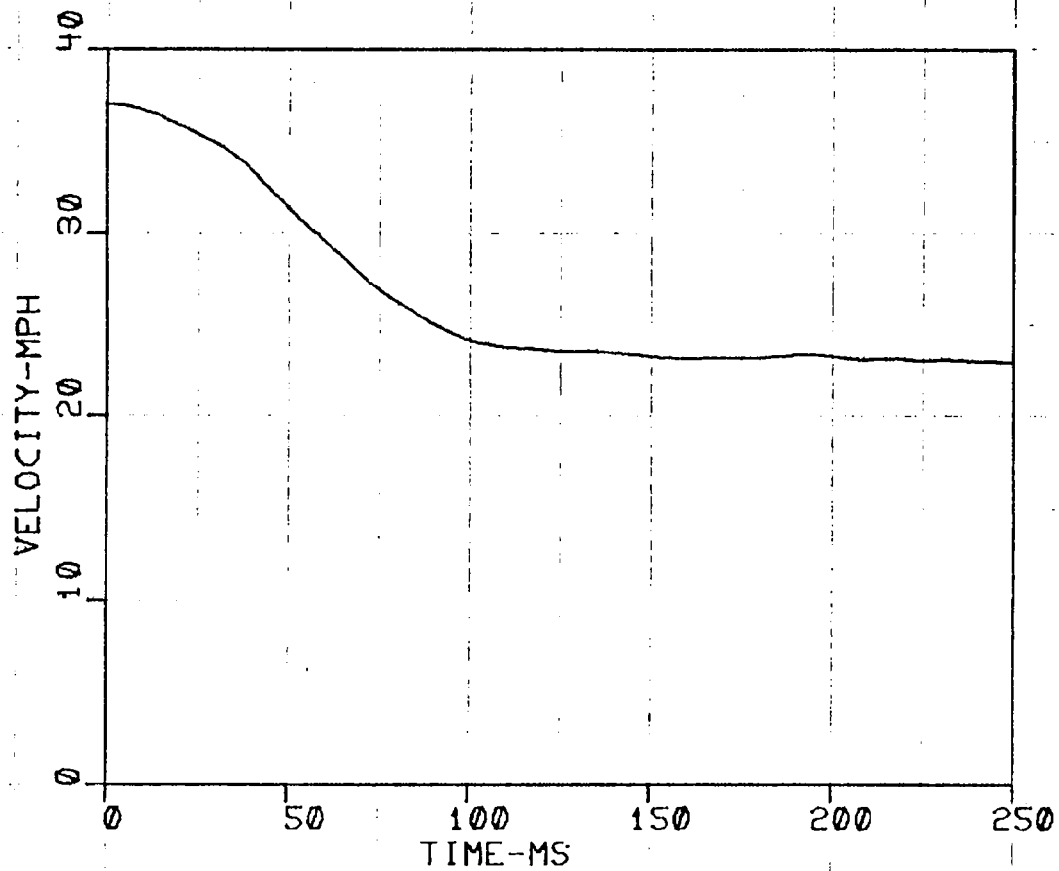


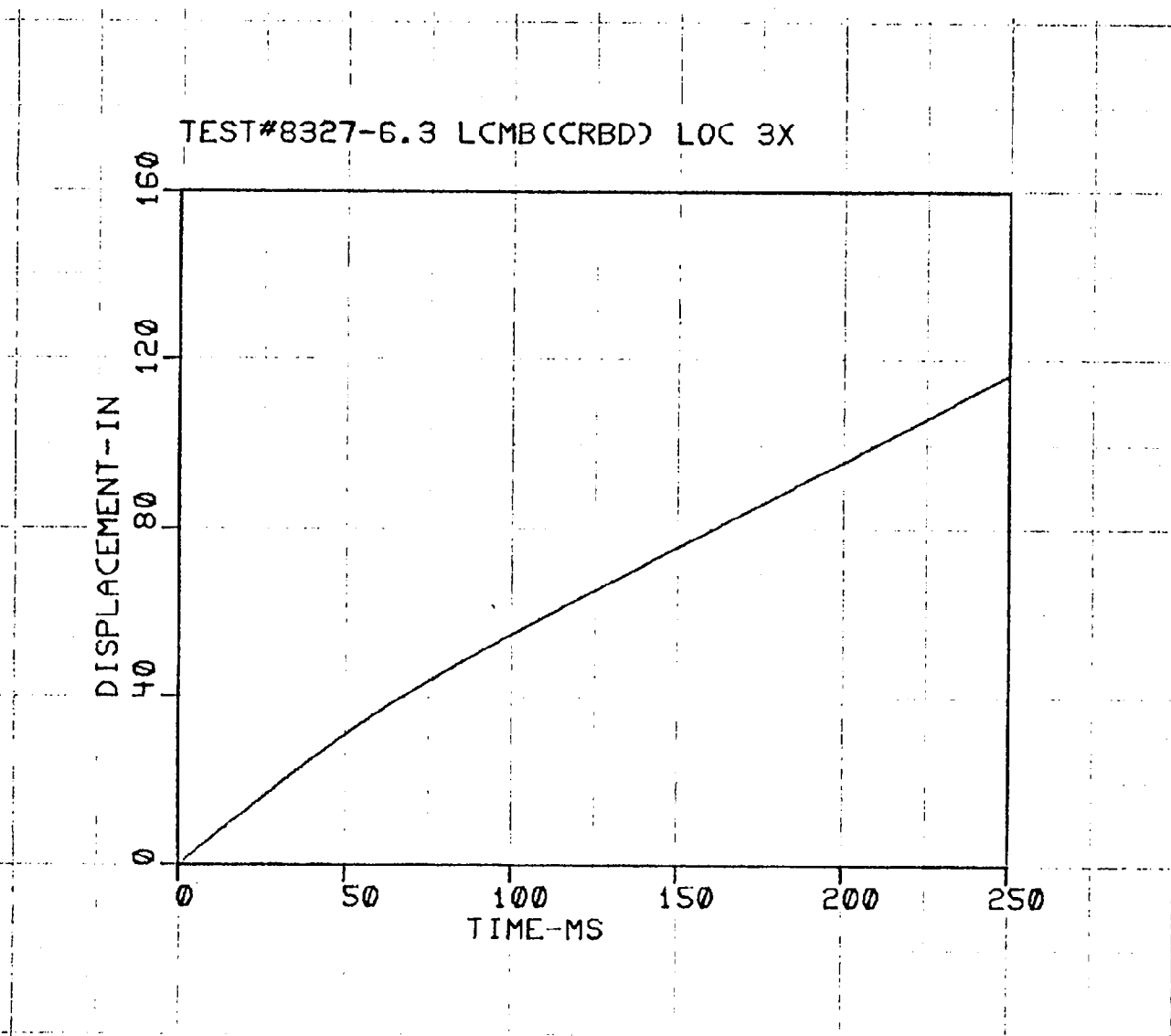


TEST#8327-6.3 CRABBED BOGEY LOC 3X

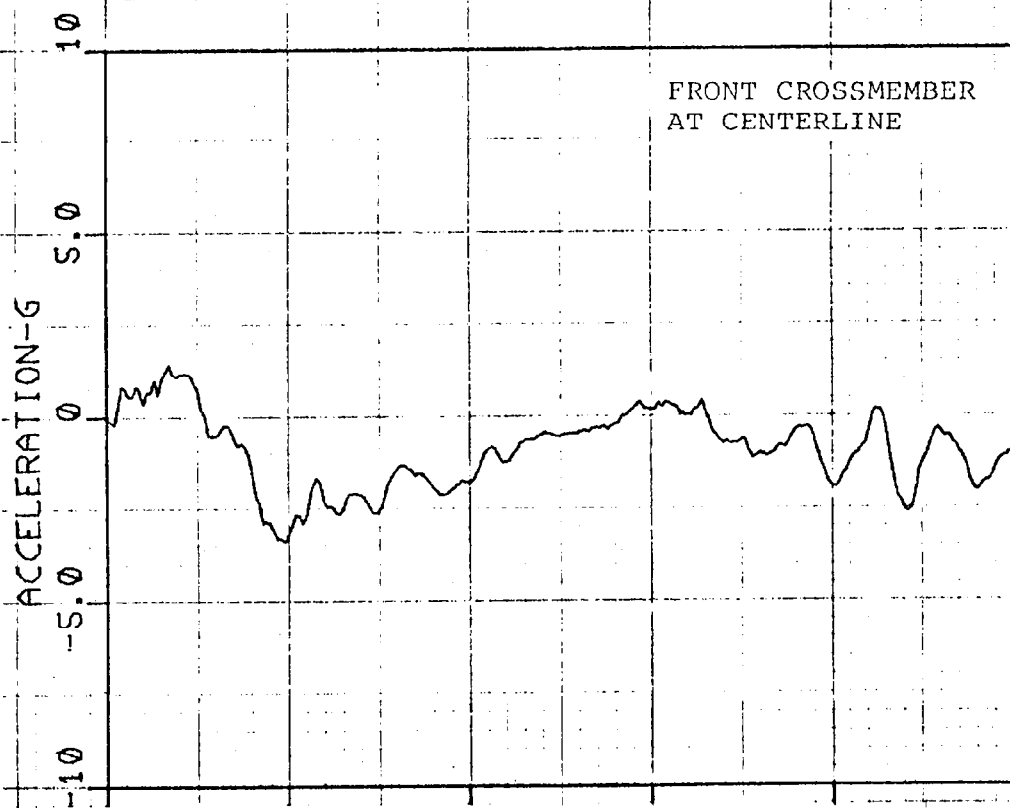


TEST#8327-6.3 LCMB(CRBD) LOC 3X

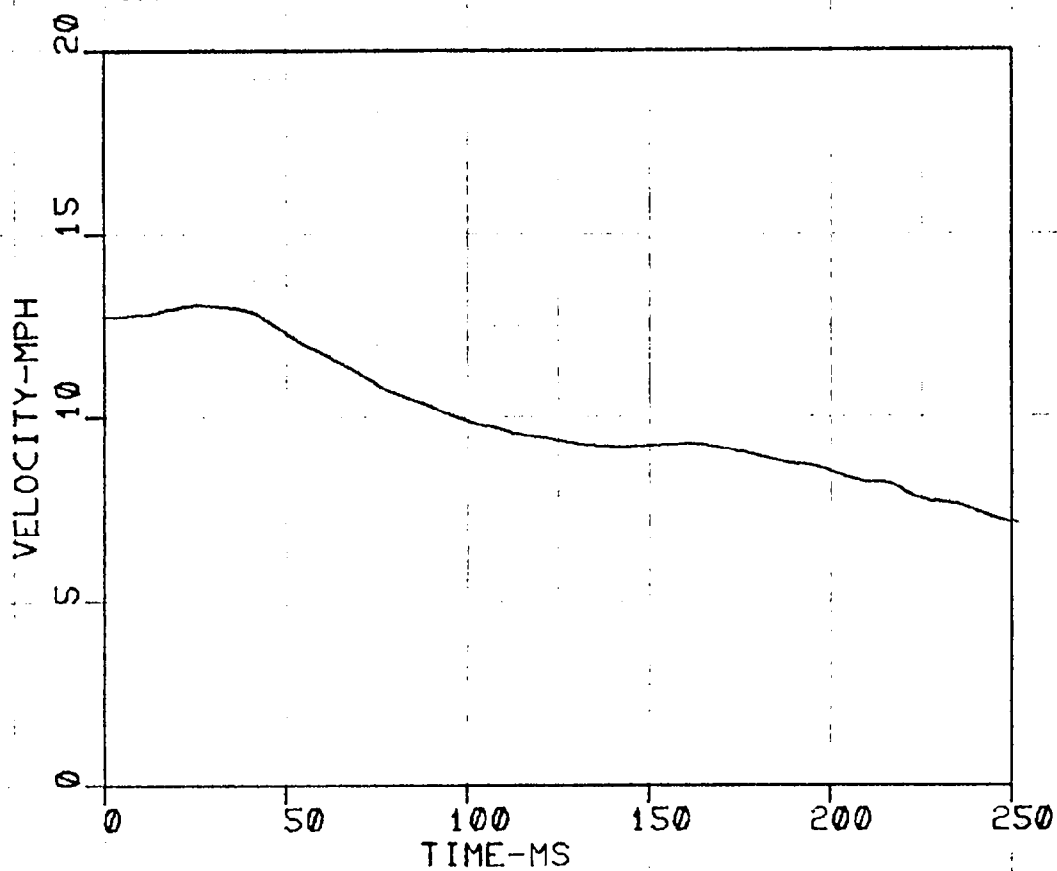


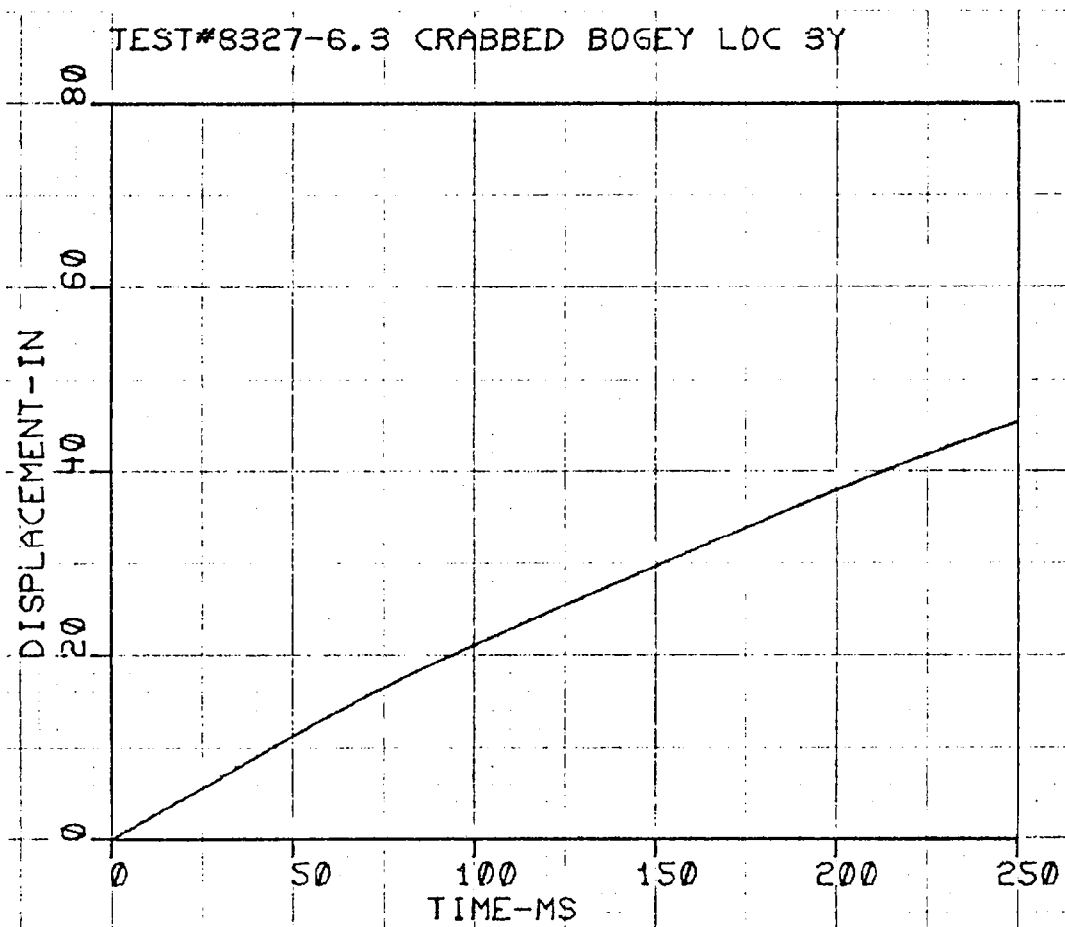


TEST#8327-6.3 CRABBED BOGEY LOC 3Y

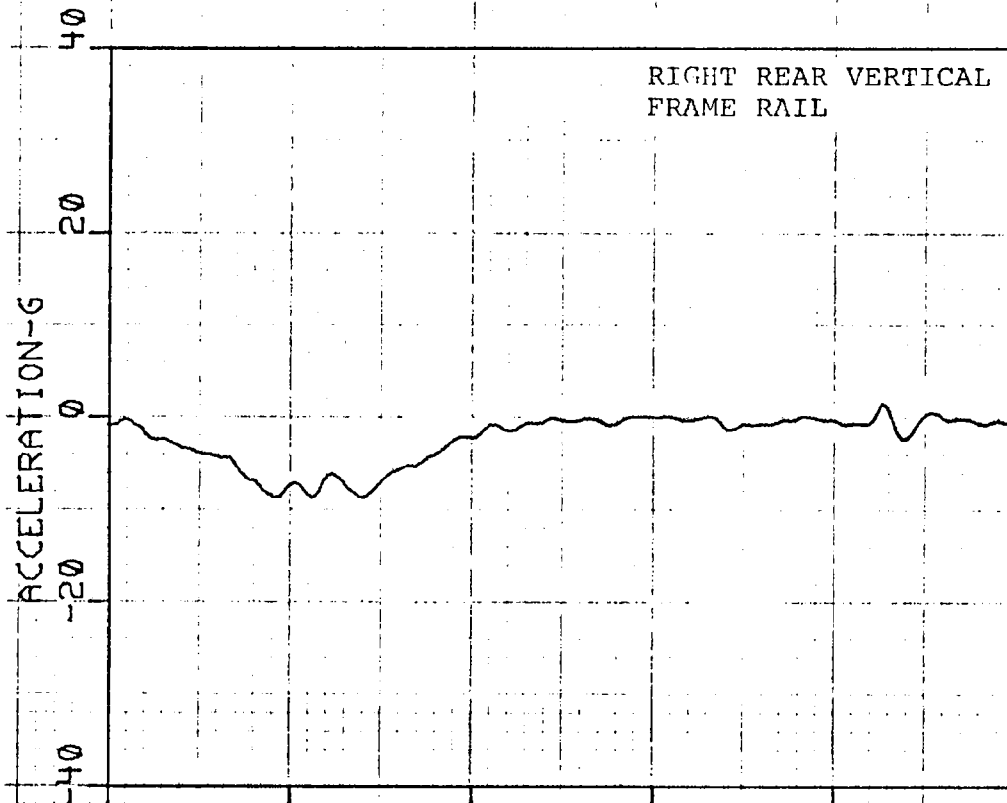


TEST#8327-6.3 LCMB(CRBD) LOC 3Y

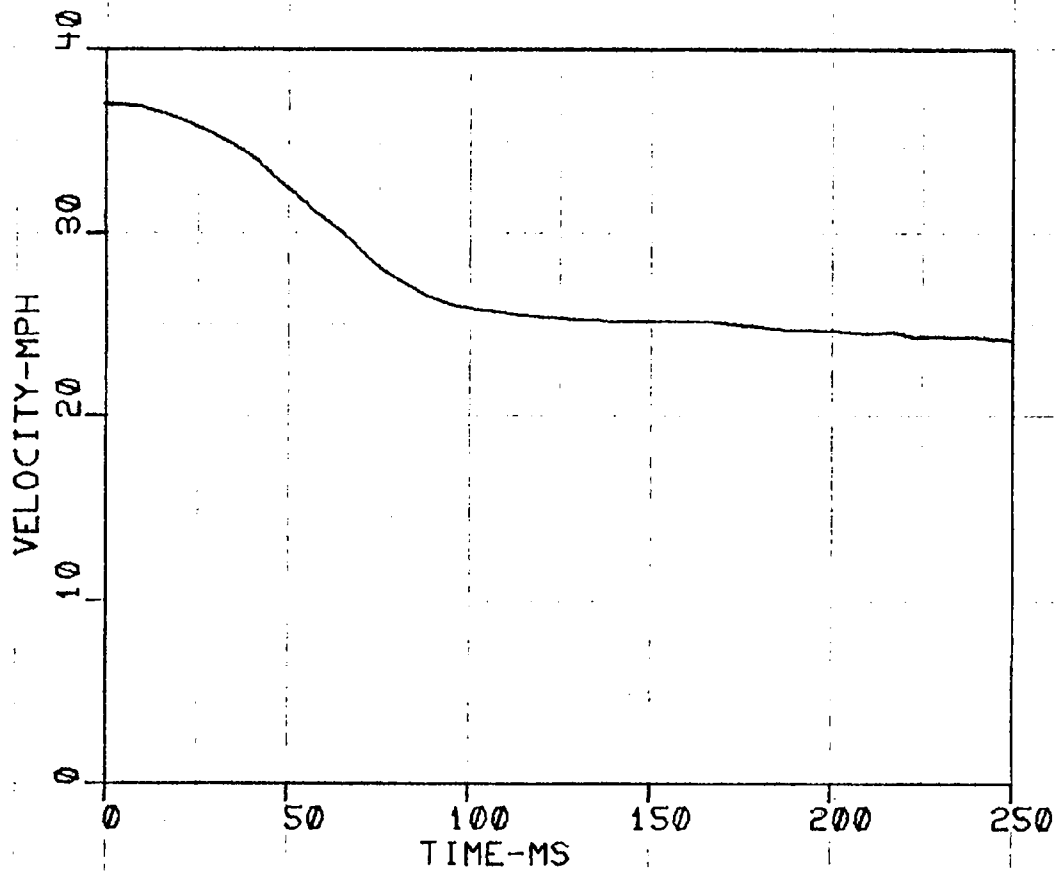


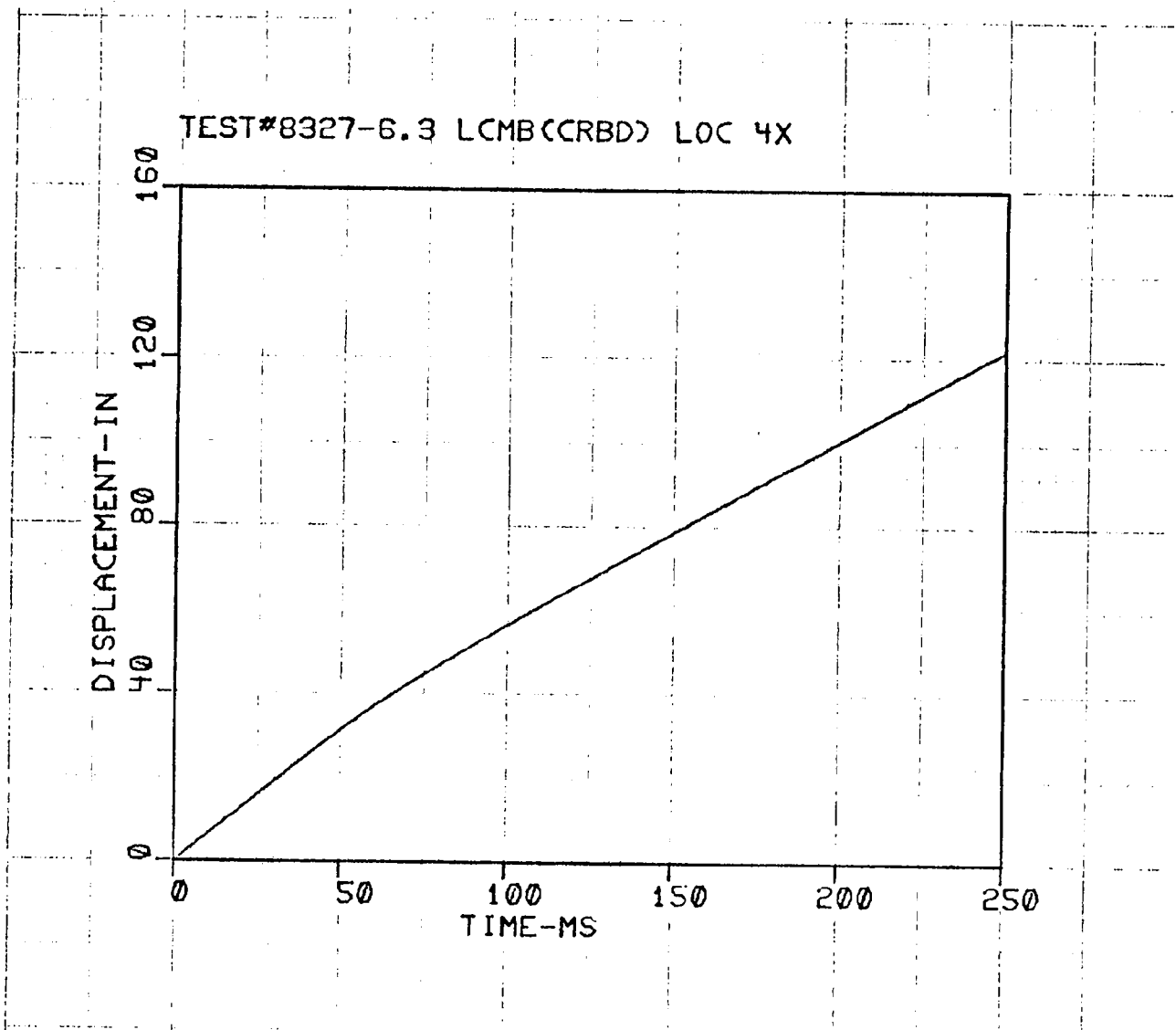


TEST#8327-6.3 CRABBED BOGEY LOC 4X

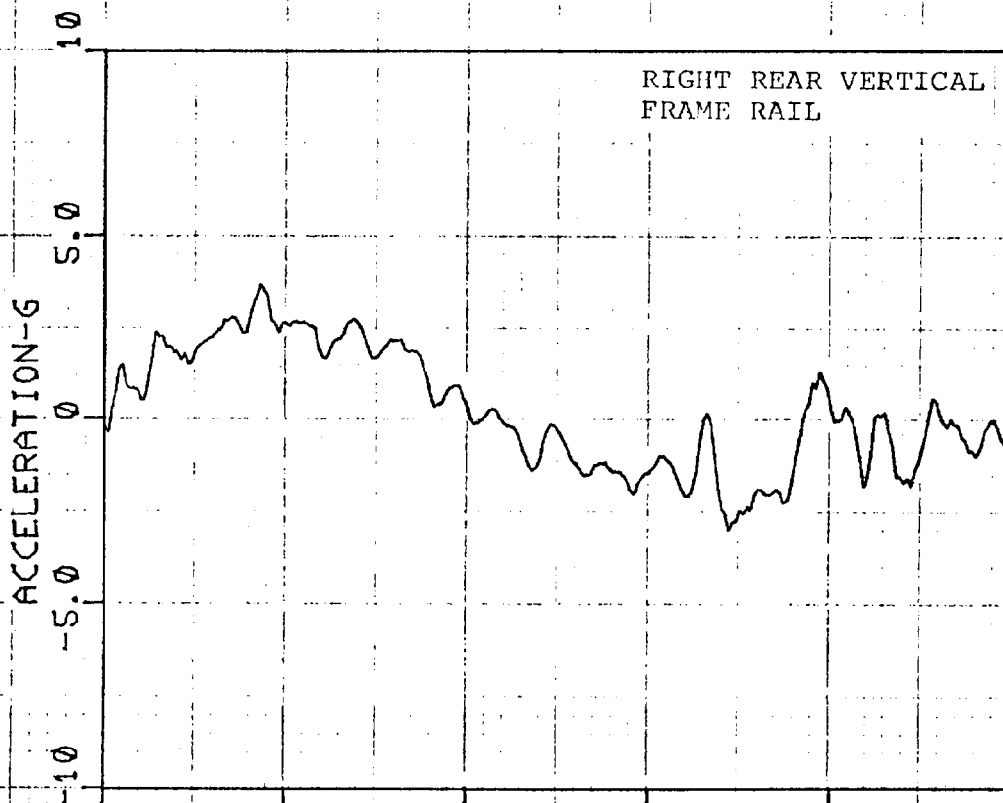


TEST#8327-6.3 LCMB(CRBD) LOC 4X

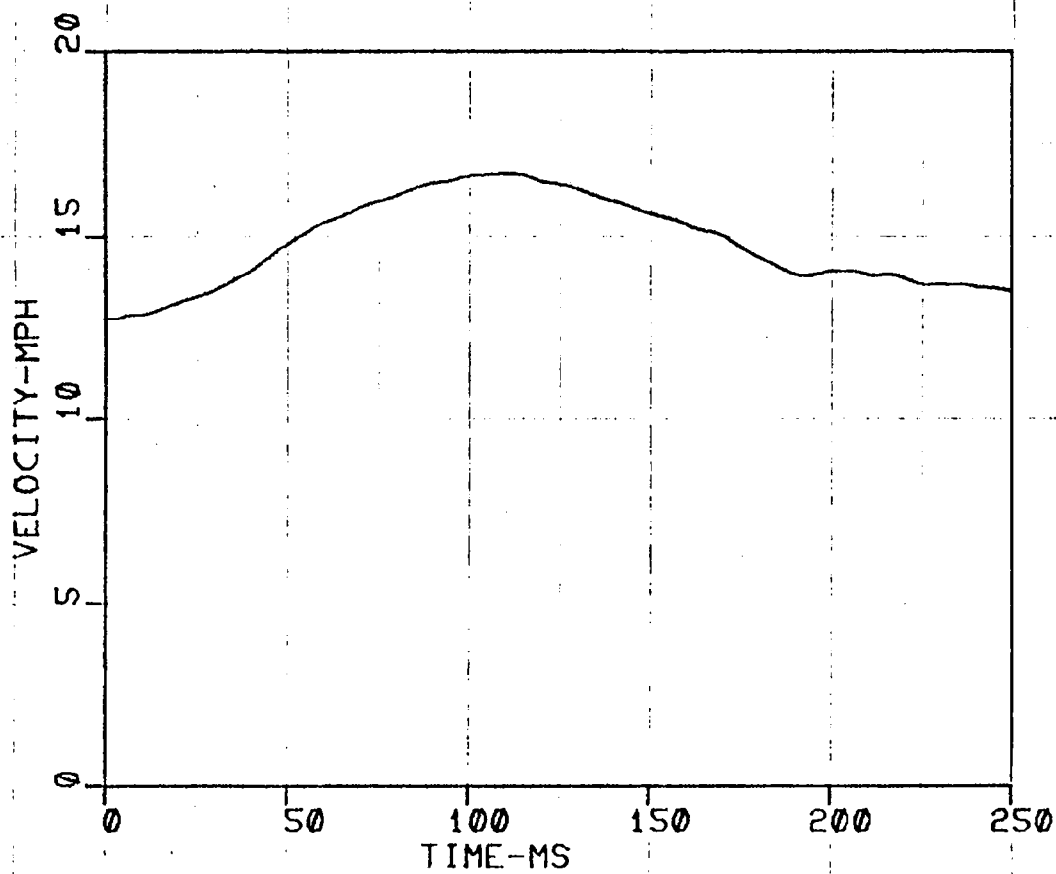


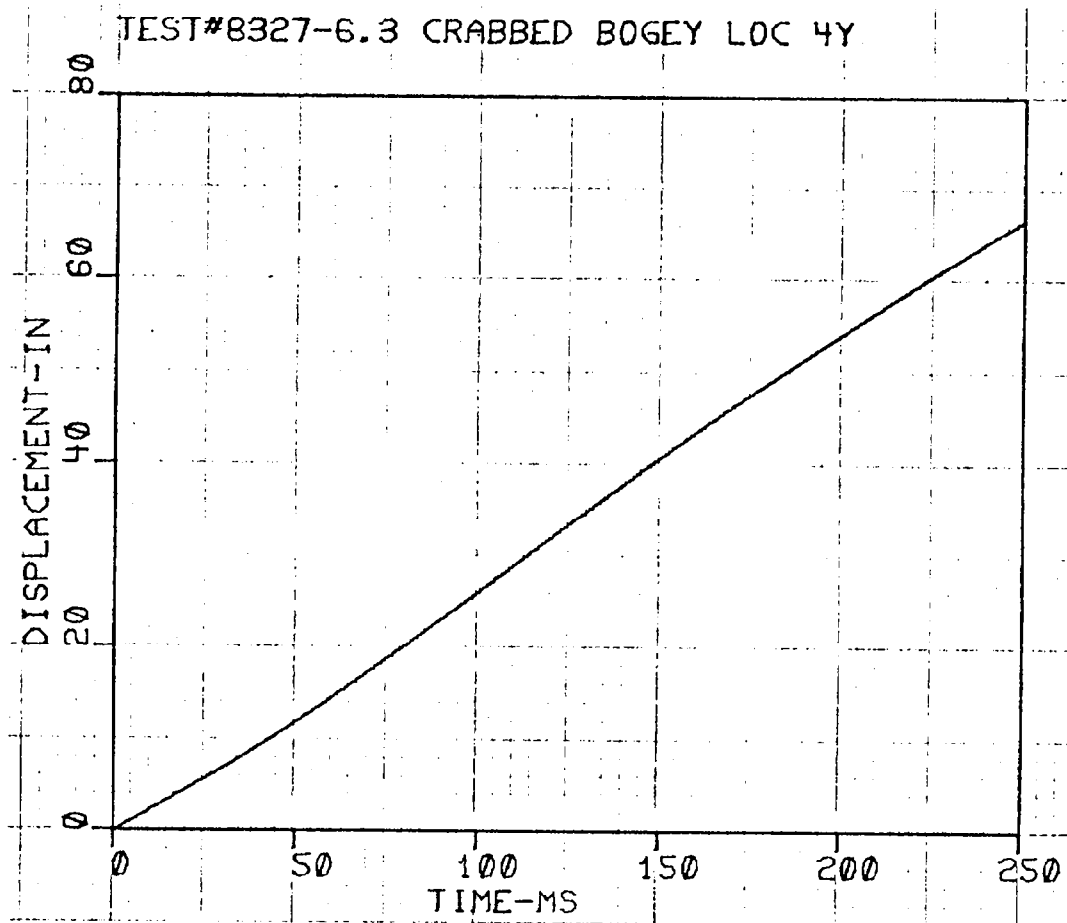


TEST#8327-6.3 CRABBED BOGEY LOC 4Y

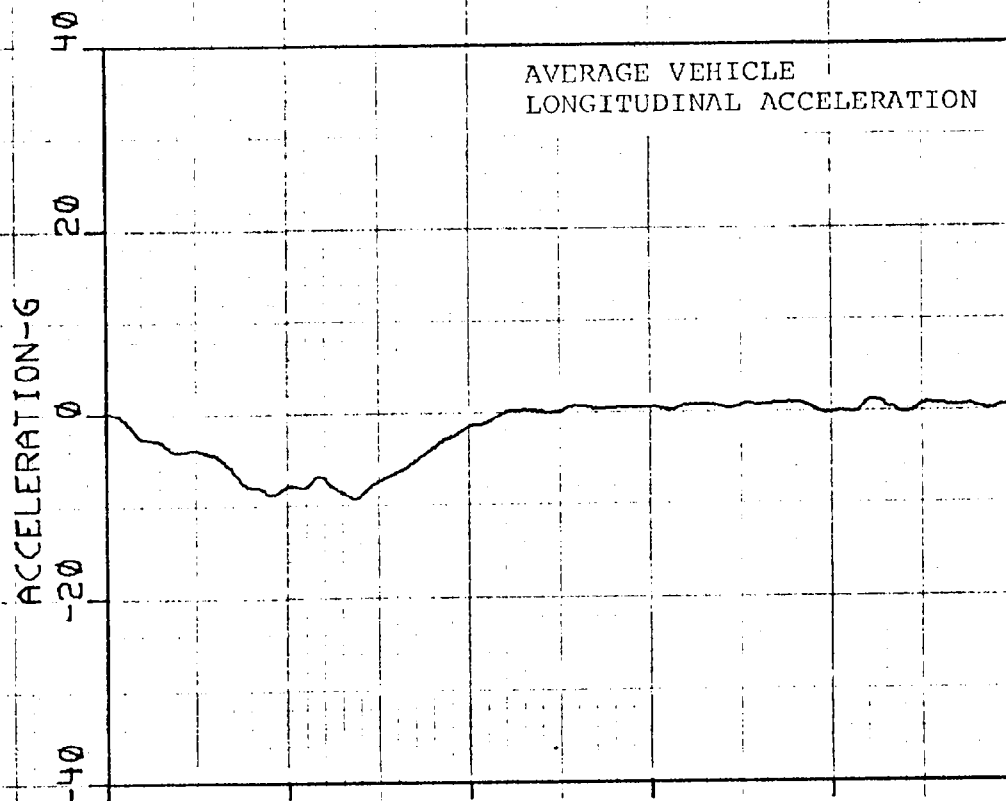


TEST#8327-6.3 LCMB(CRBD) LOC 4Y

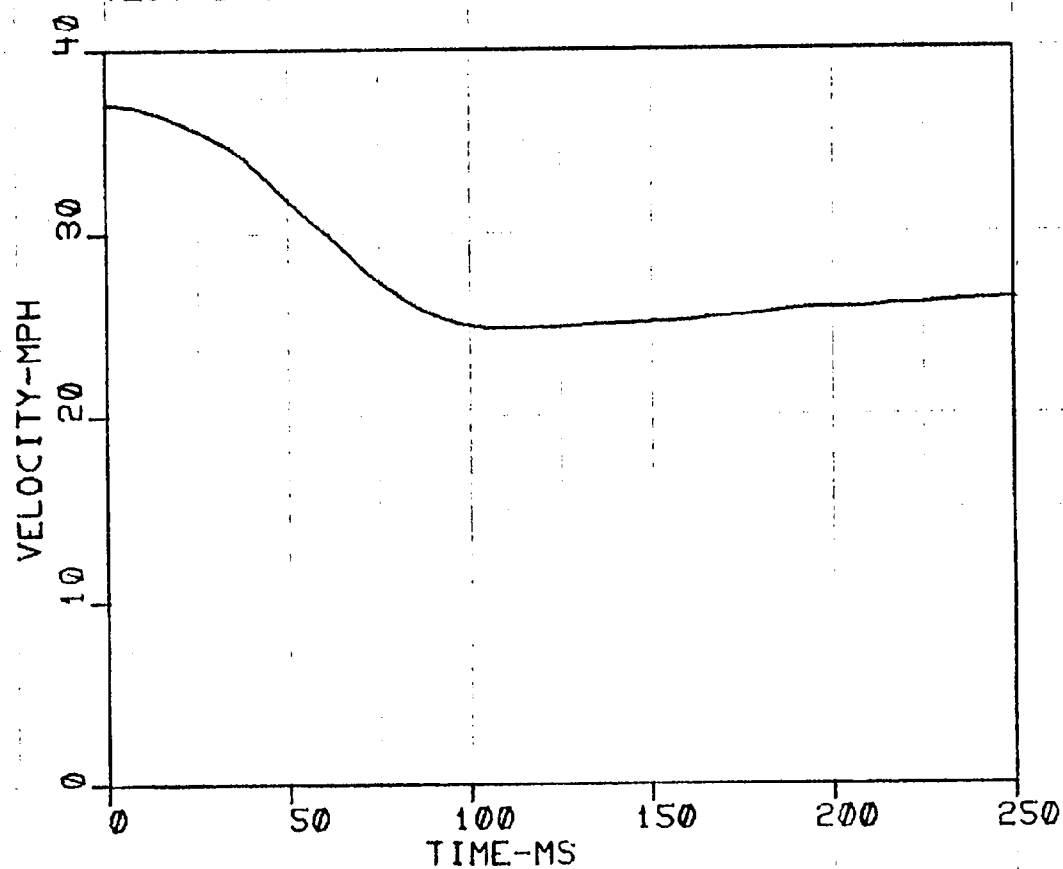


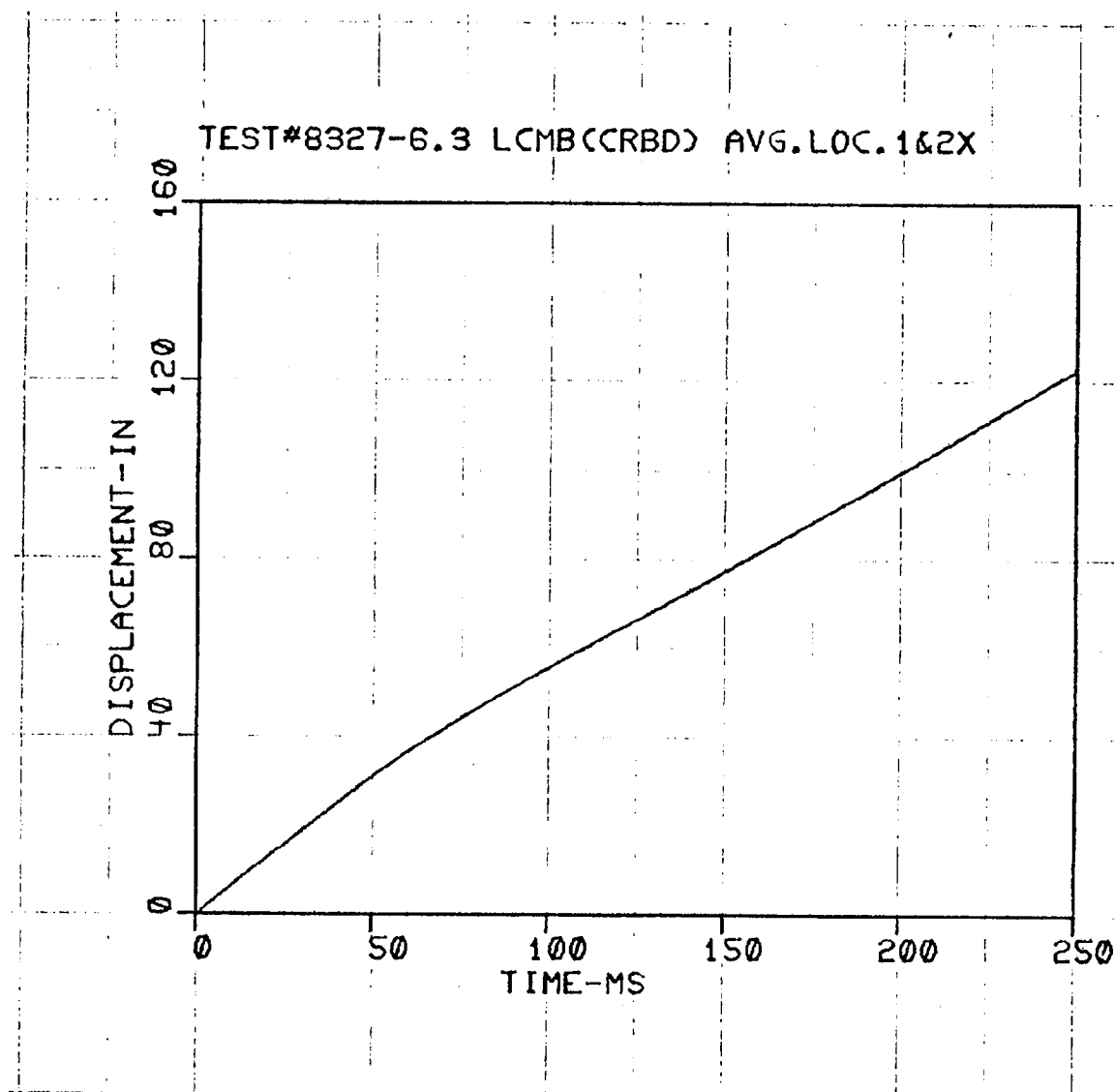


TEST#8327-6.3 CRABBED BOGEY AVG.LOC.1&2X

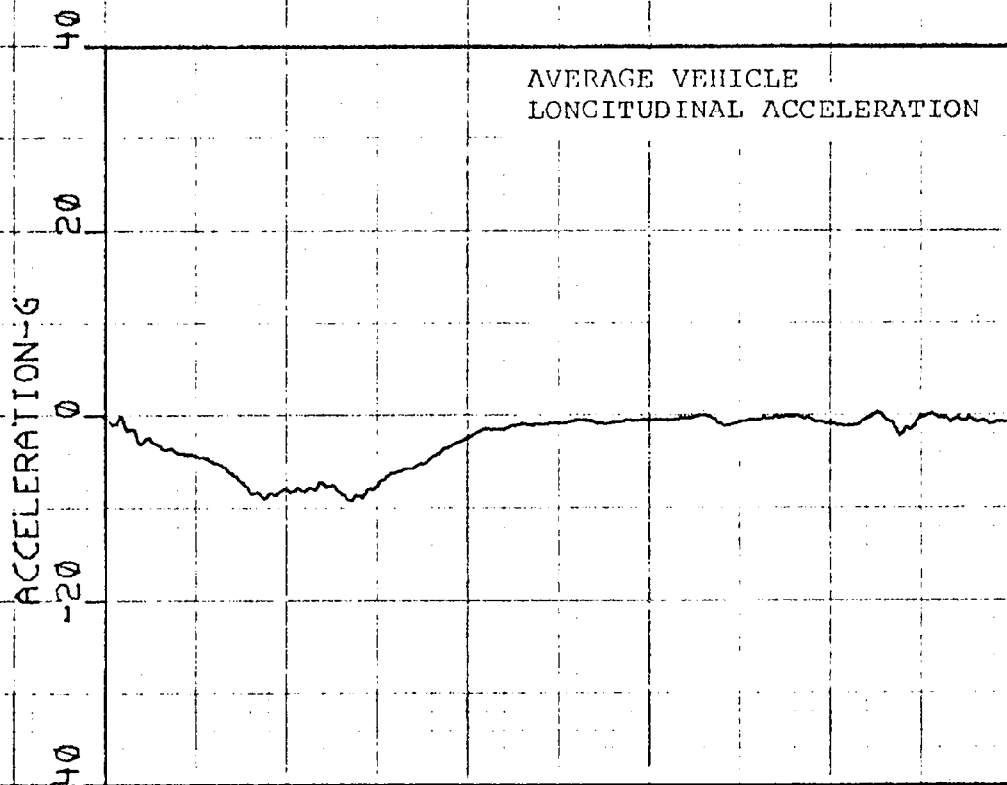


TEST#8327-6.3 LCMB(CRBD) AVG.LOC.1&2X

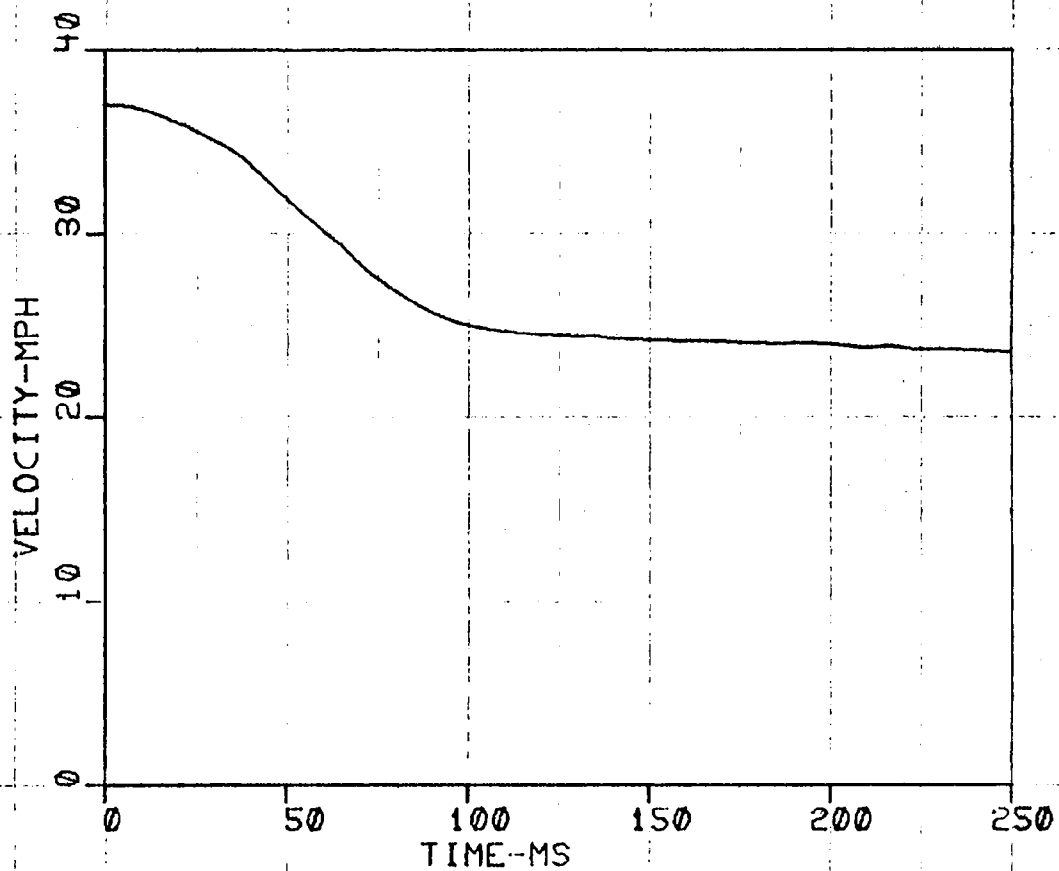


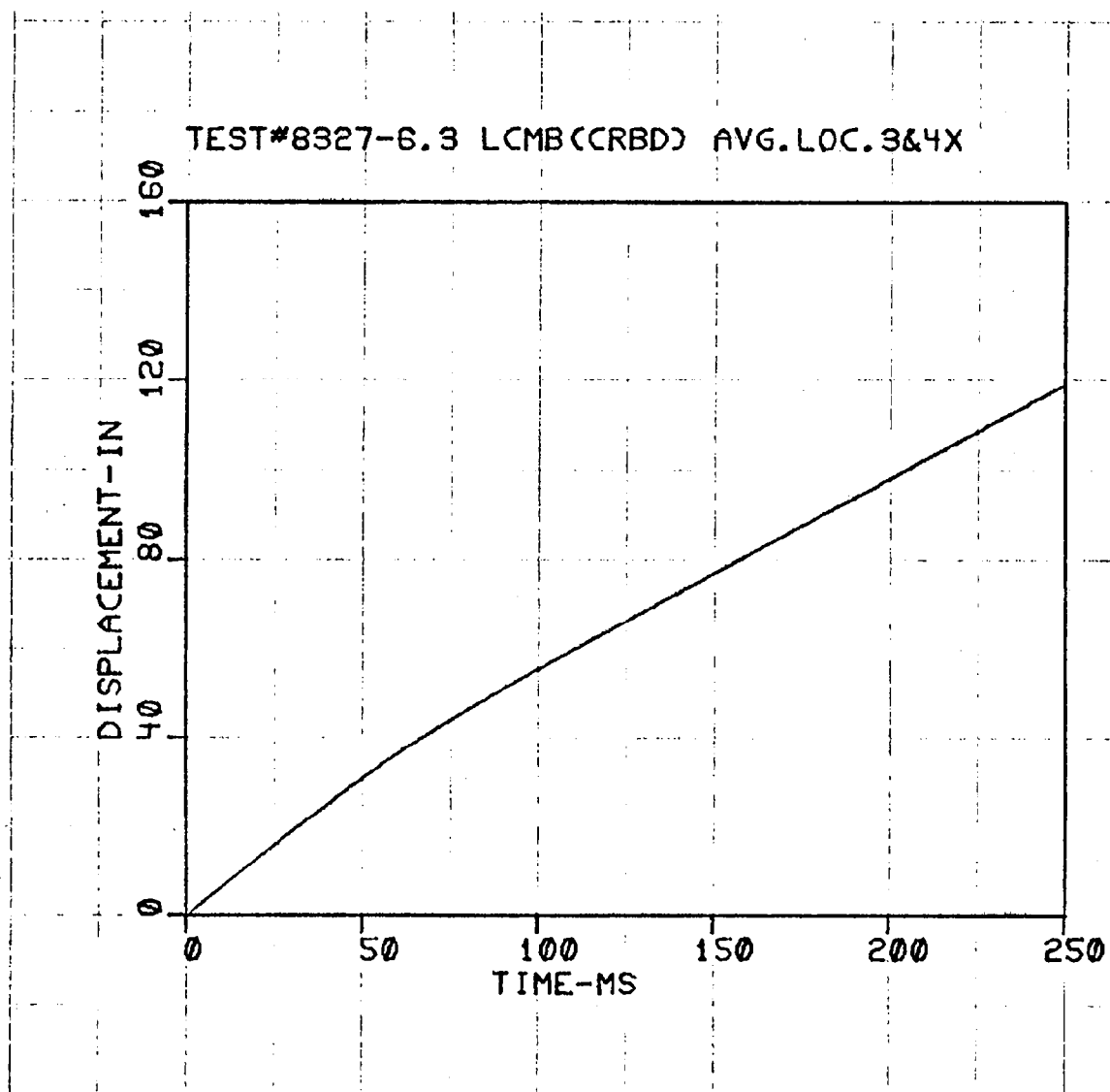


TEST#8327-6.3 CRABBED BOGEY AVG.LOC.3&4X

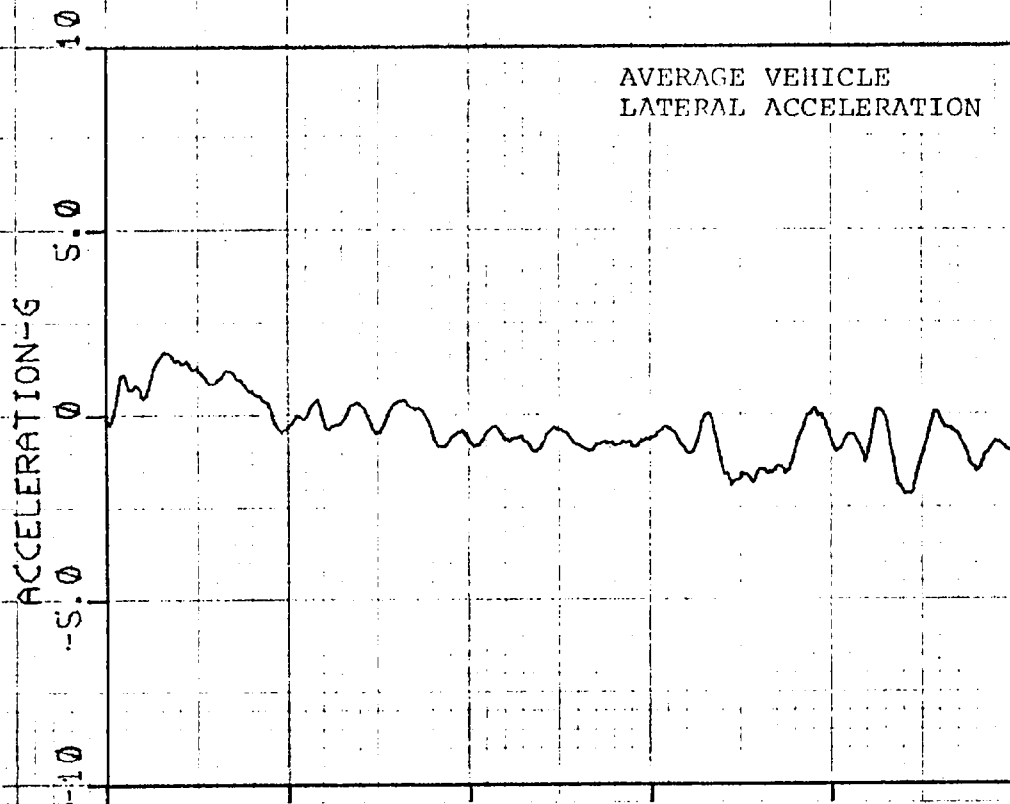


TEST#8327-6.3 LCMB(CRBD) AVG.LOC.3&4X

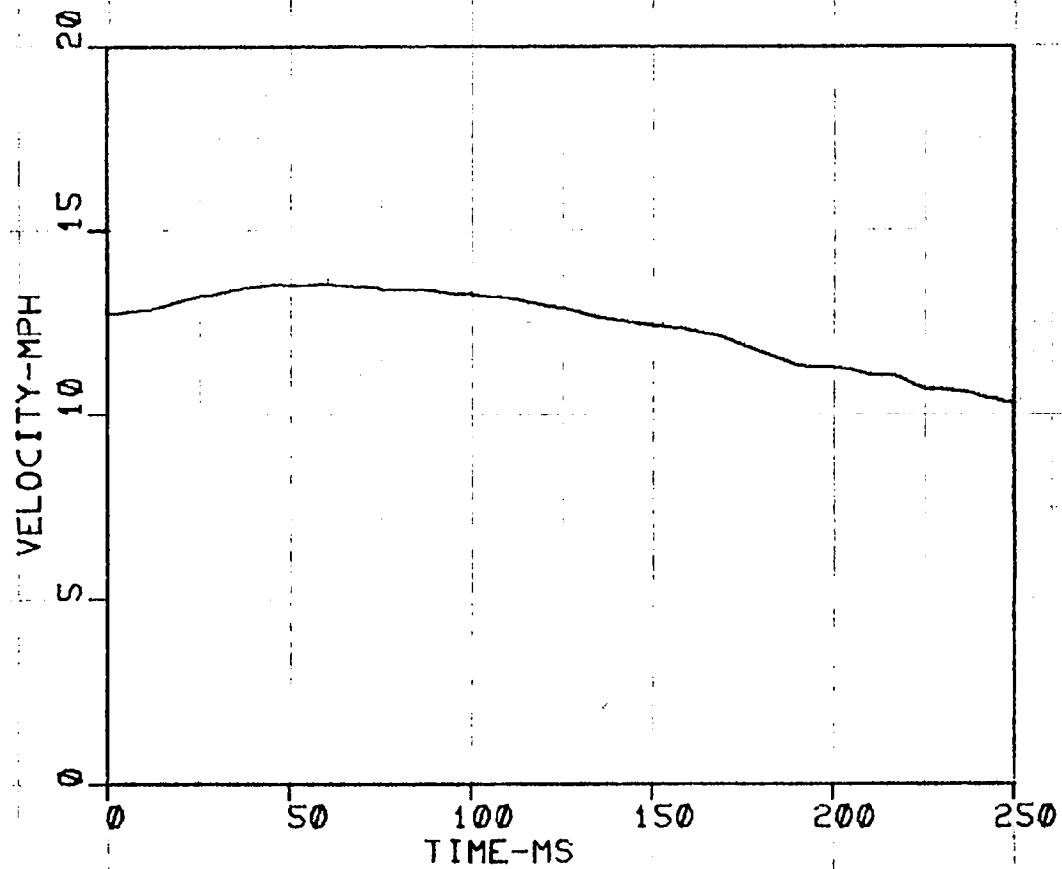


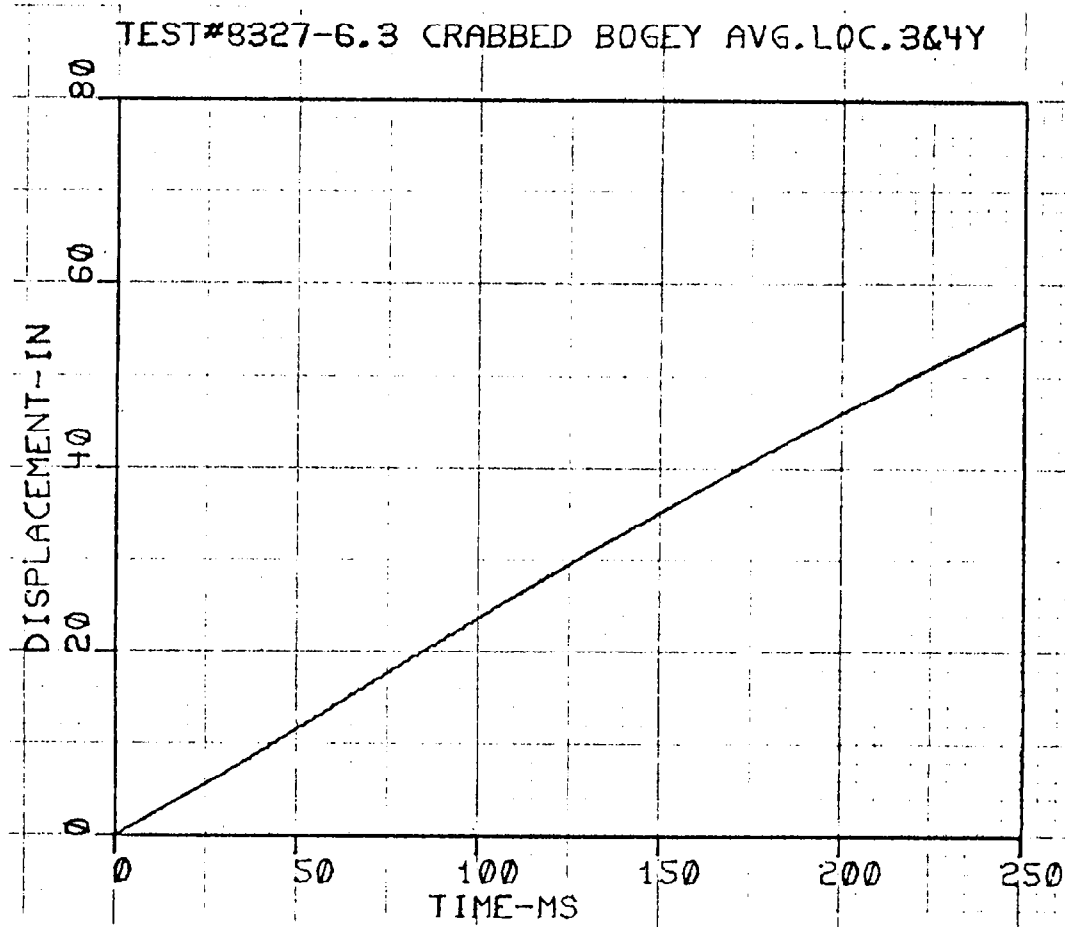


TEST#8327-6.3 CRABBED BOGEY AVG.LOC.3&4Y

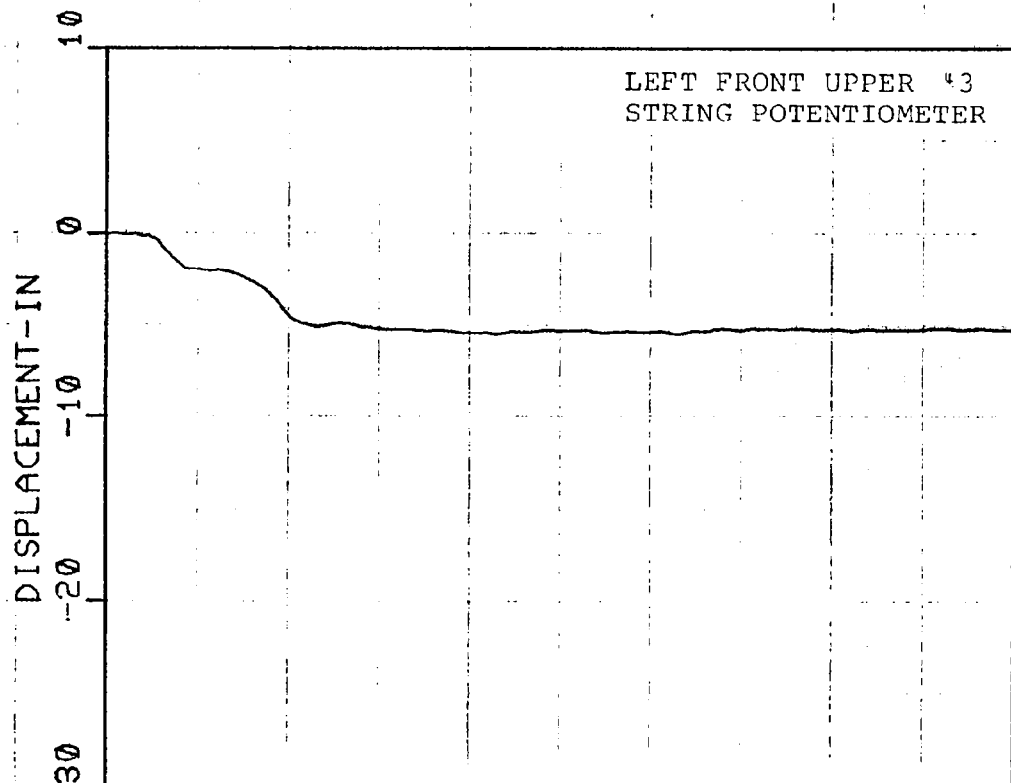


TEST#8327-6.3 LCMB(CRBD) AVG.LOC.3&4Y

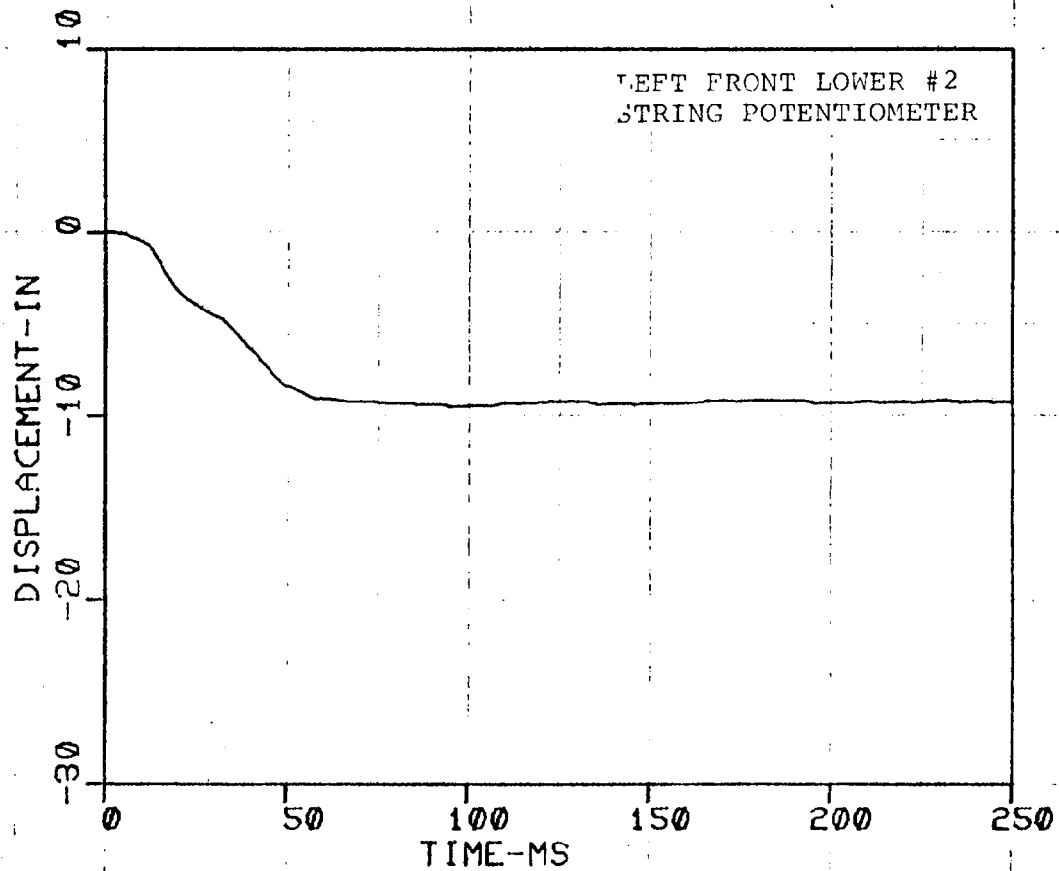




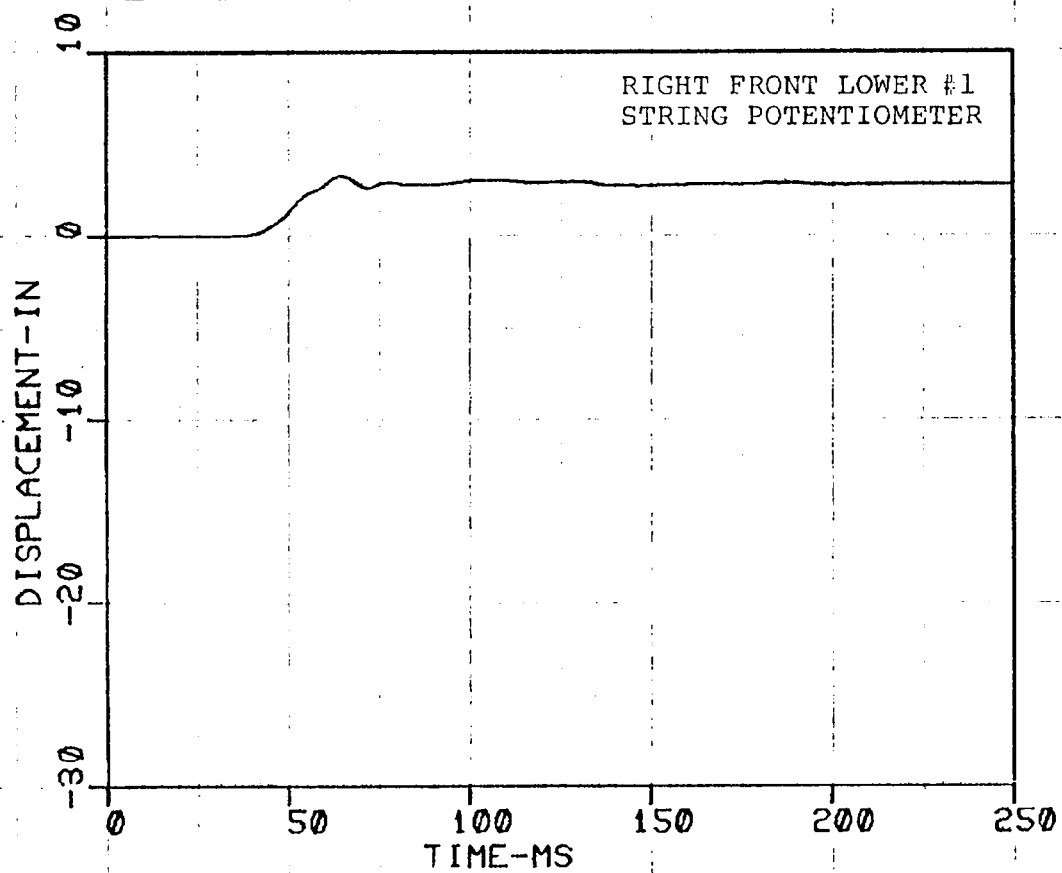
TEST#8327-6.3 LCMB(CRBD) LF UPPER S.P.



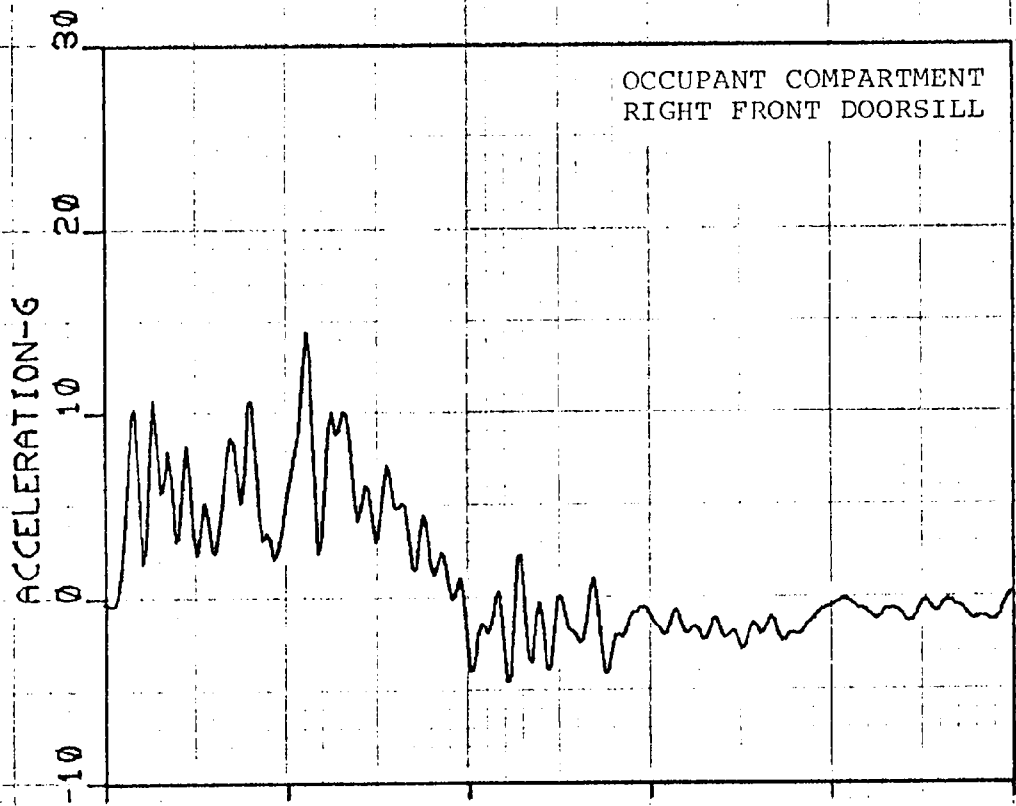
TEST#8327-6.3 LCMB(CRBD) LF LOWER S.P.



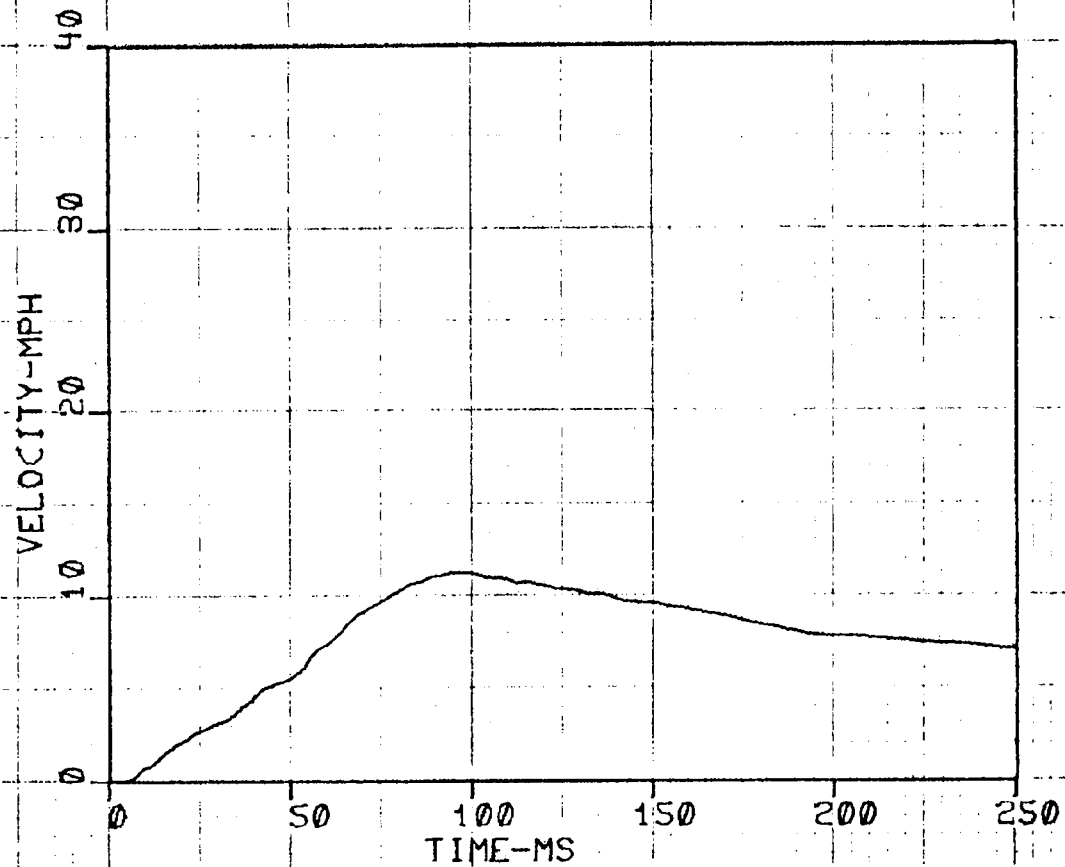
TEST#8327-6.3 LCMB(CRBD) RF LOWER S.P.

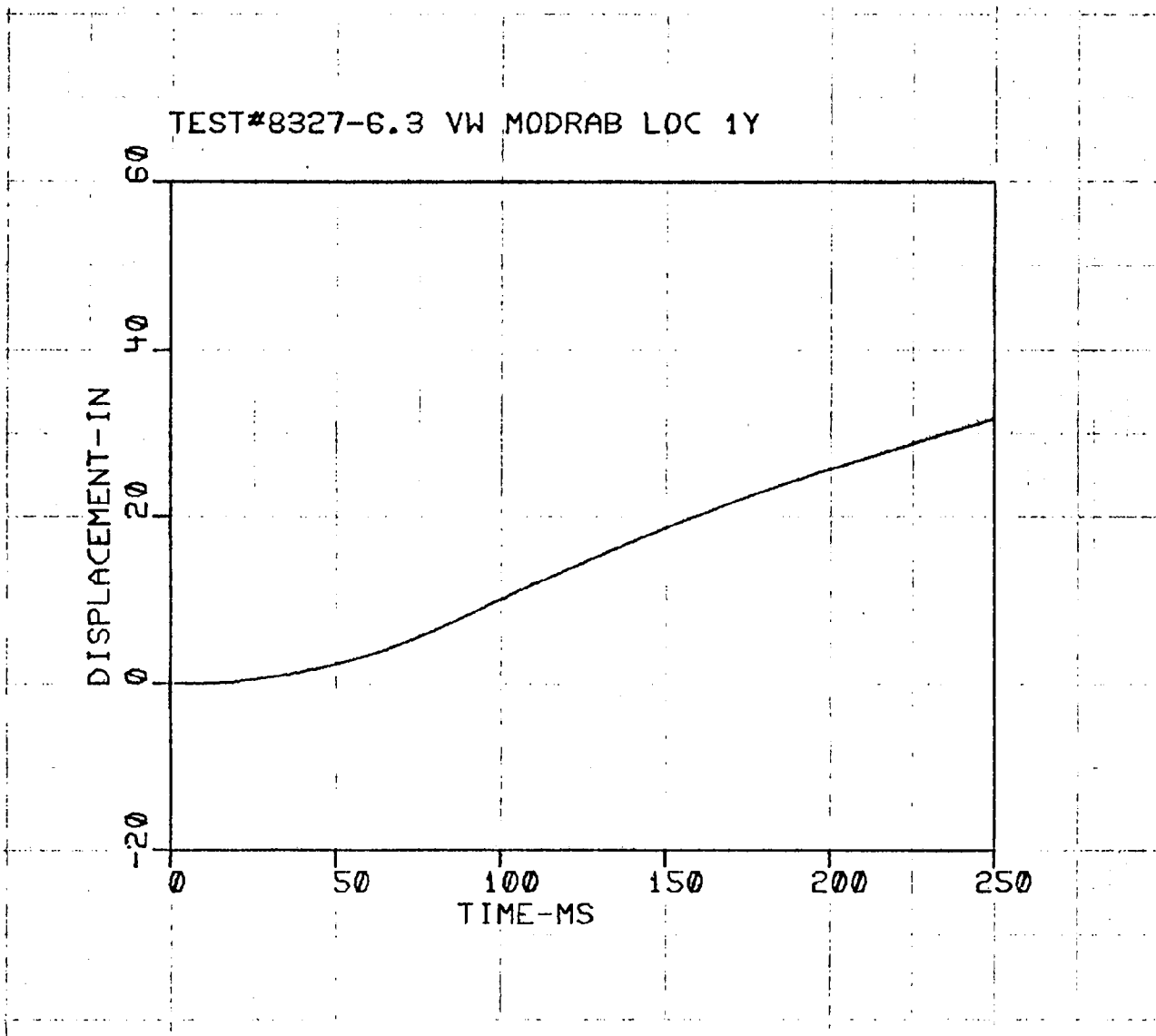


TEST#8327-6.3 MOD RABBIT LOC 1Y

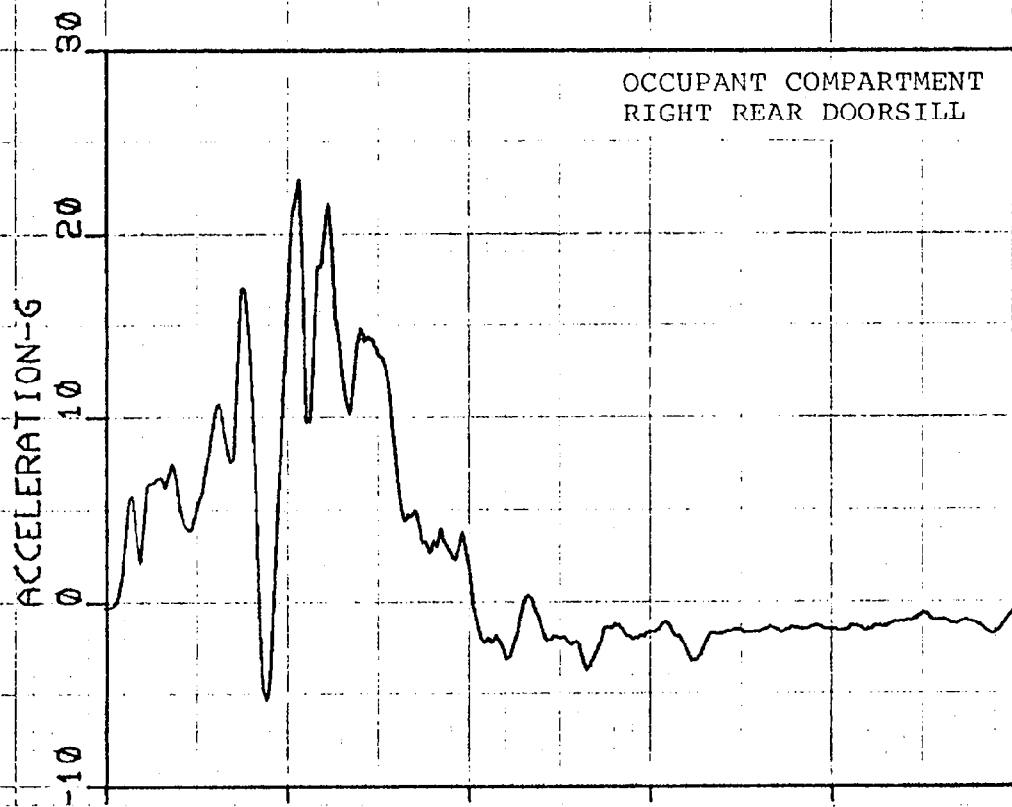


TEST#8327-6.3 MOD RABBIT LOC 1Y

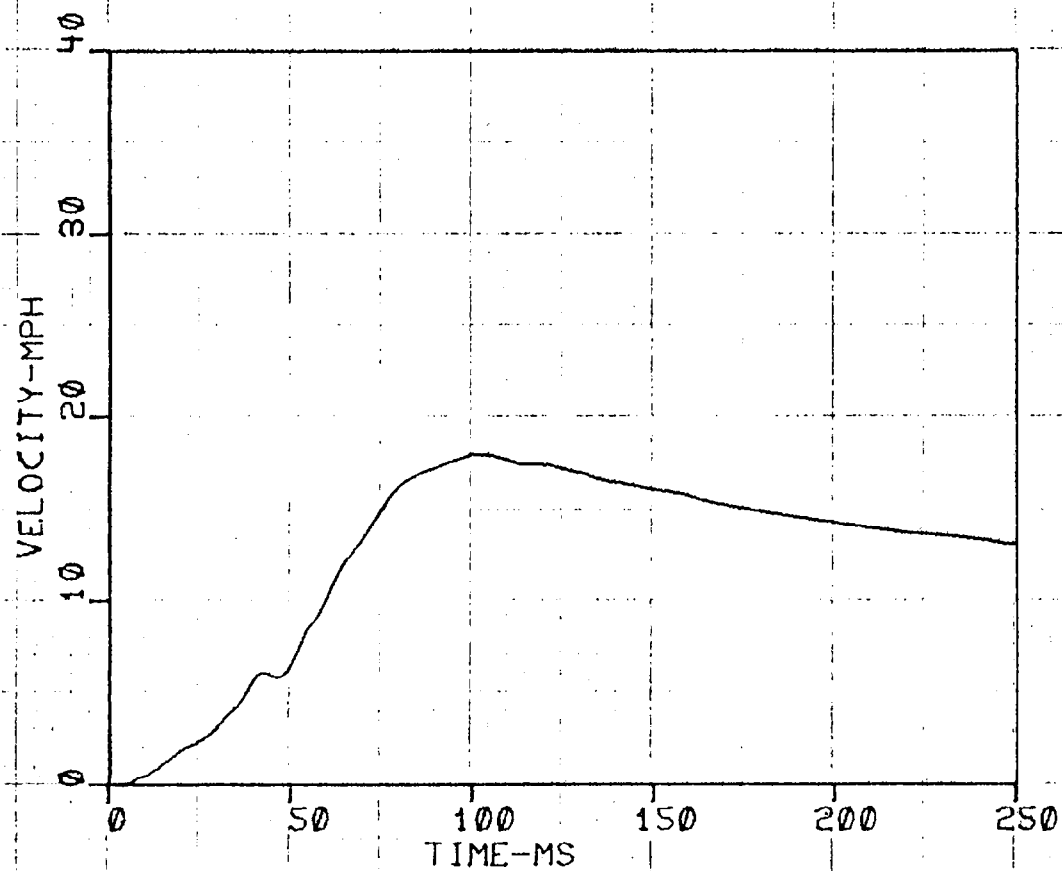


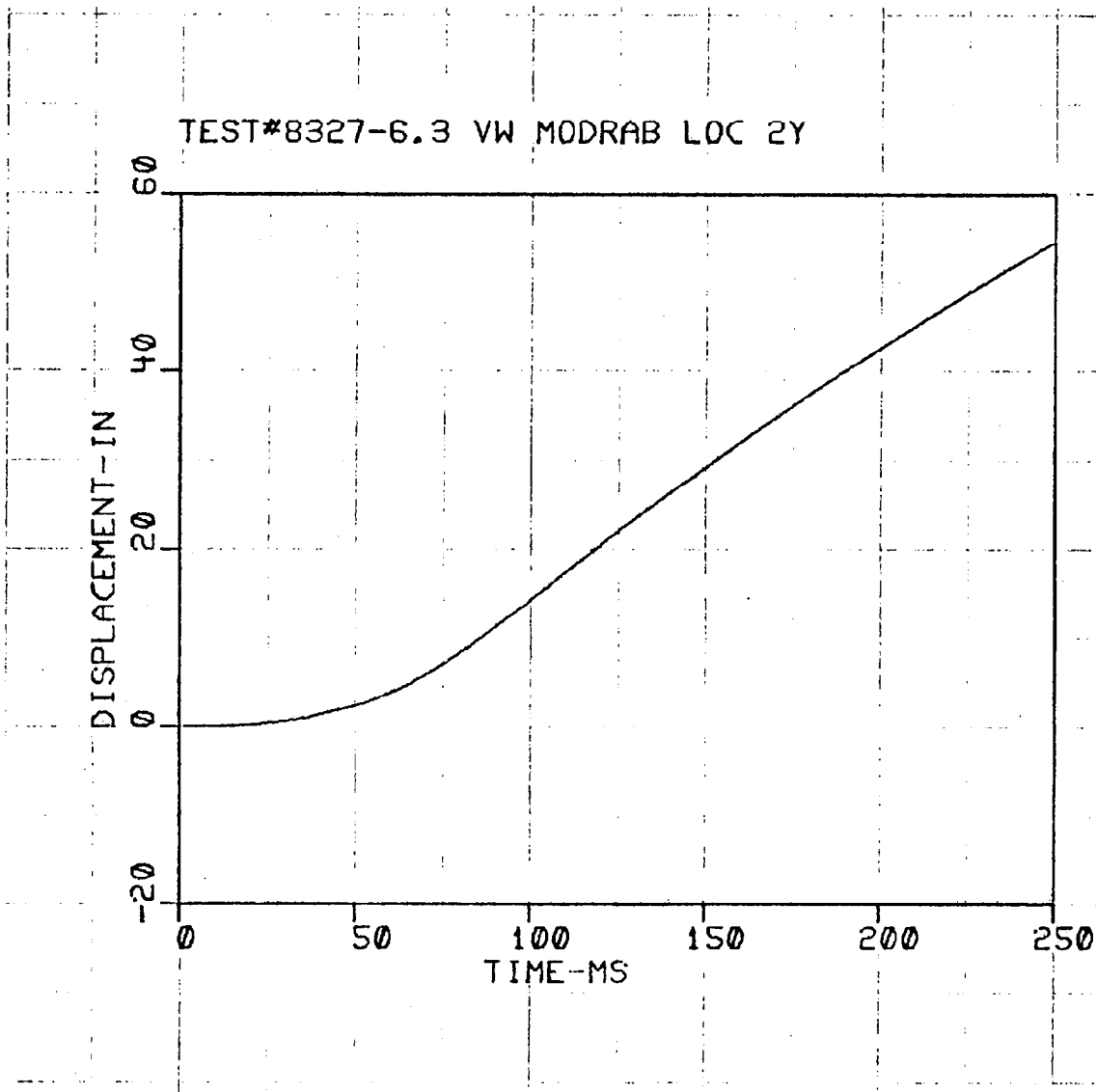


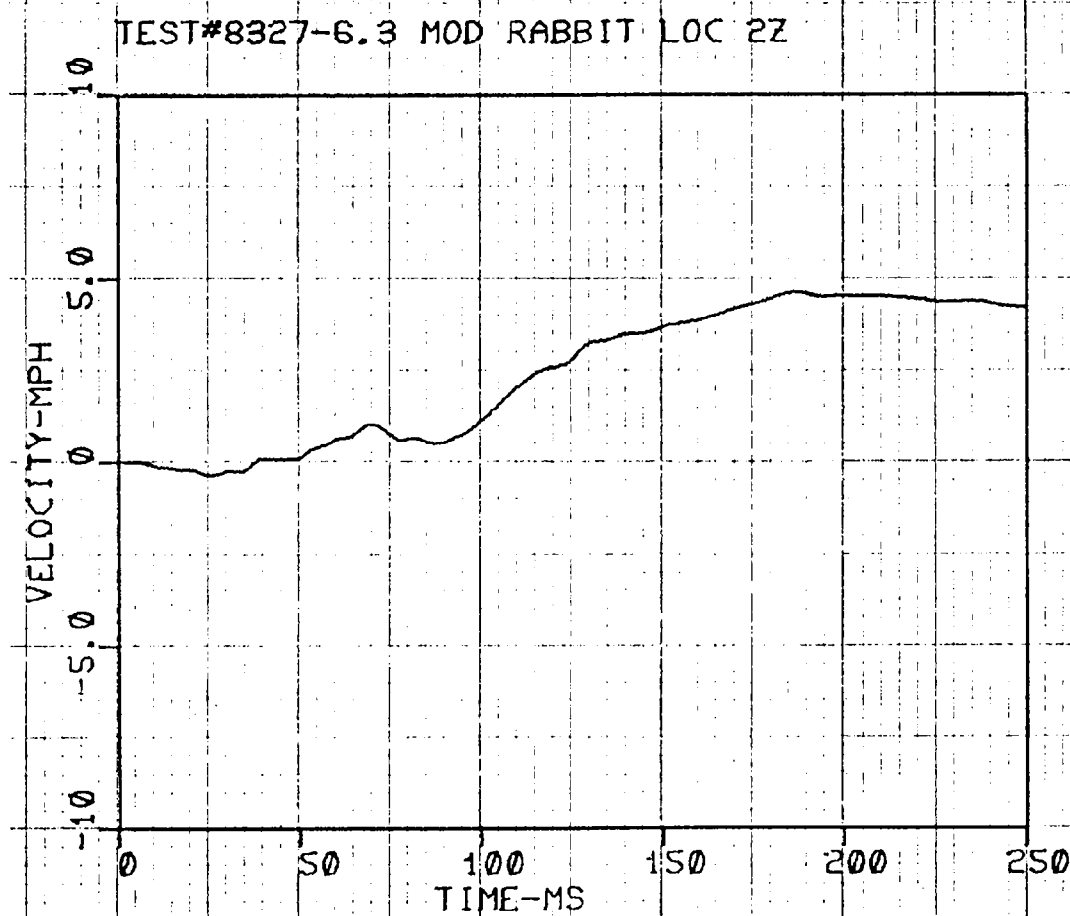
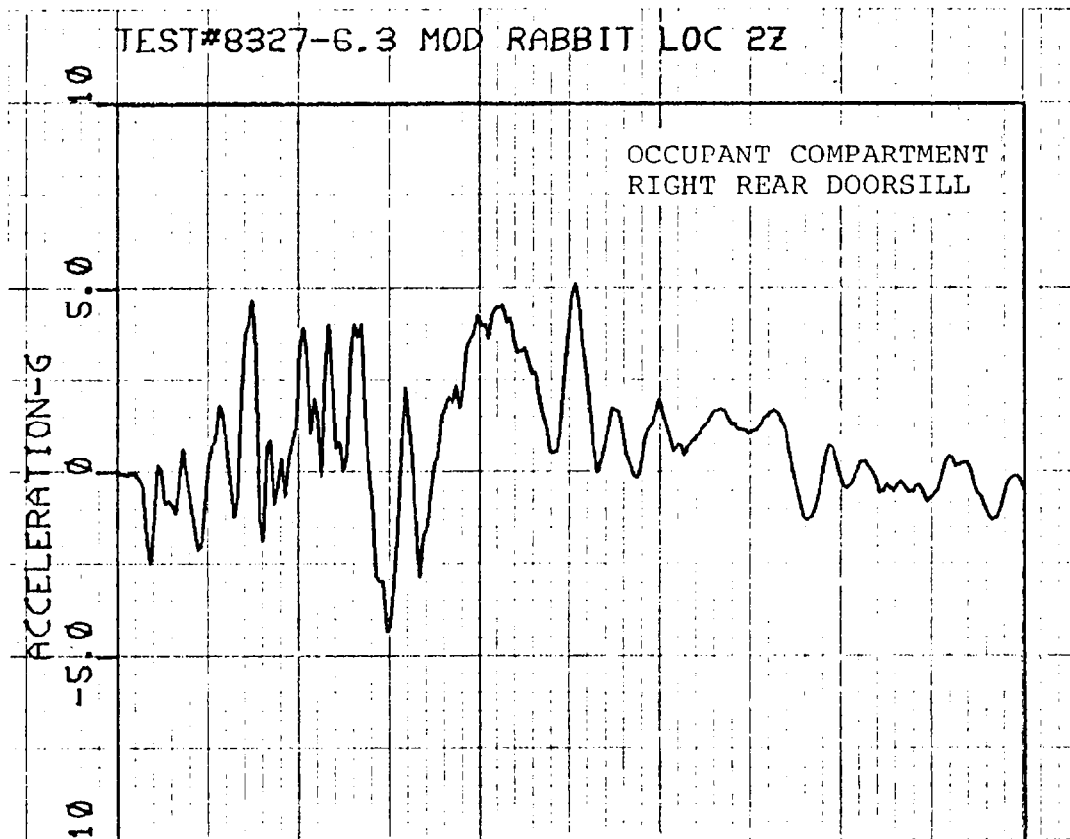
TEST#8327-6.3 MOD RABBIT LOC 2Y

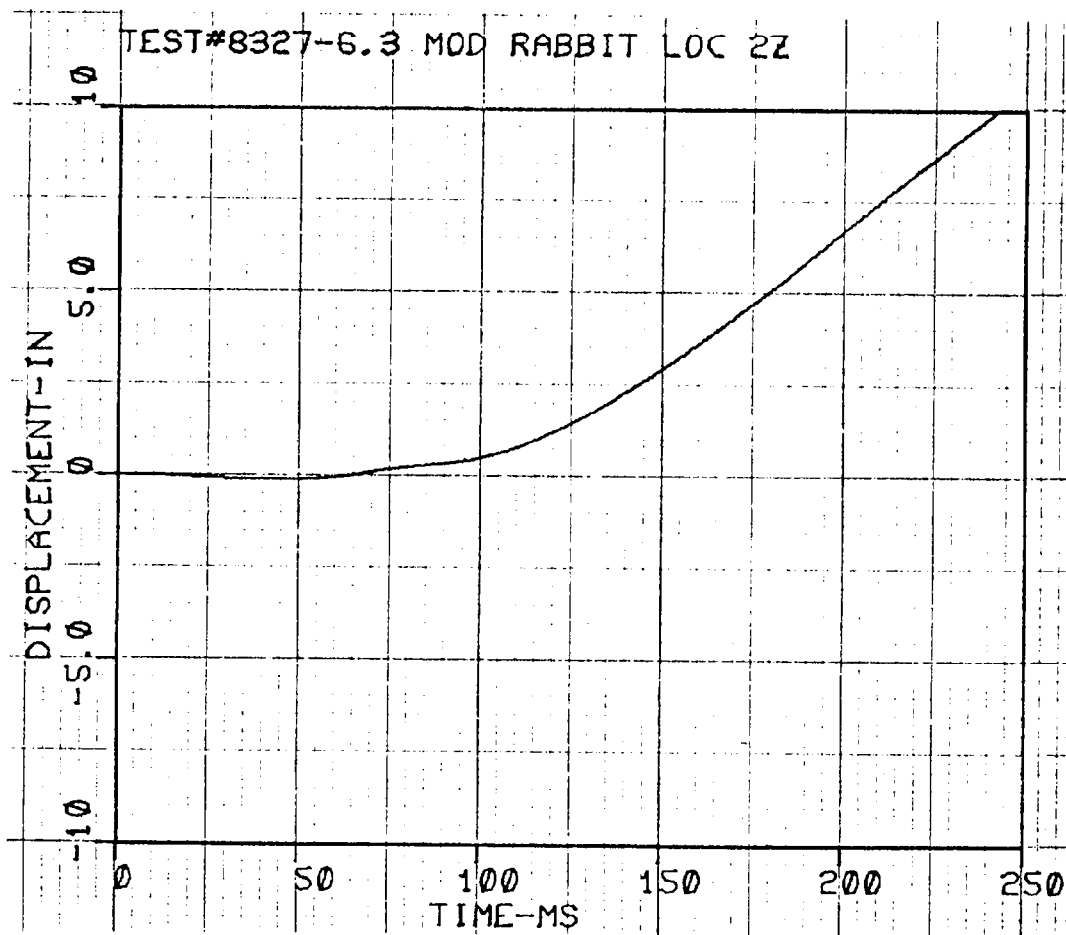


TEST#8327-6.3 MOD RABBIT LOC 2Y

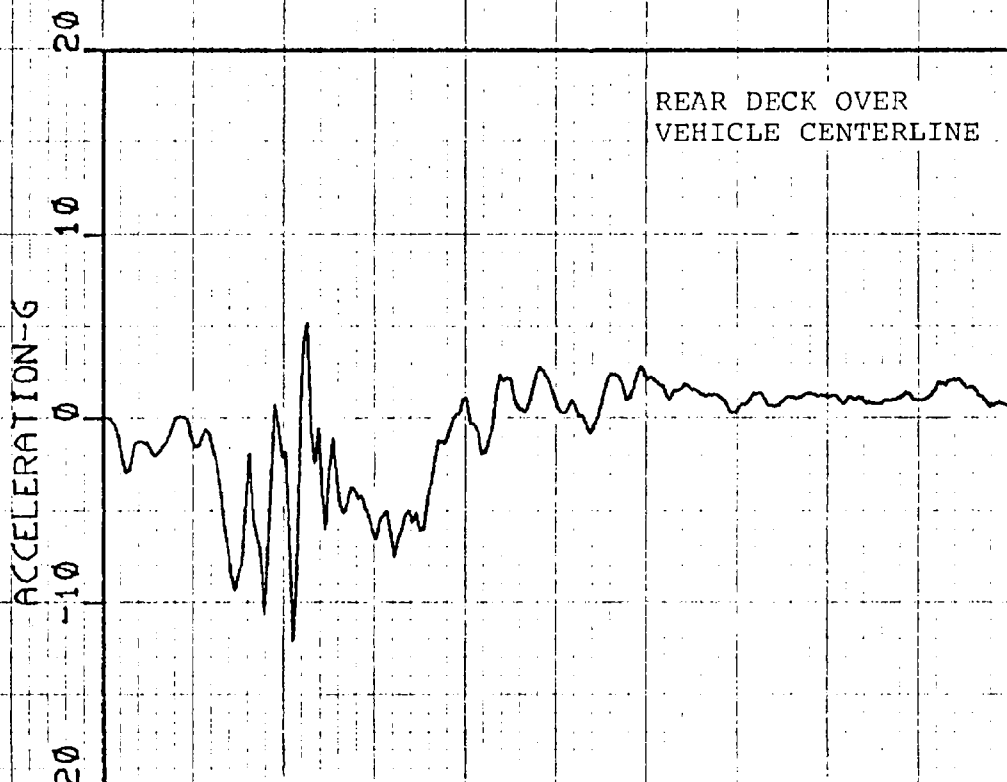




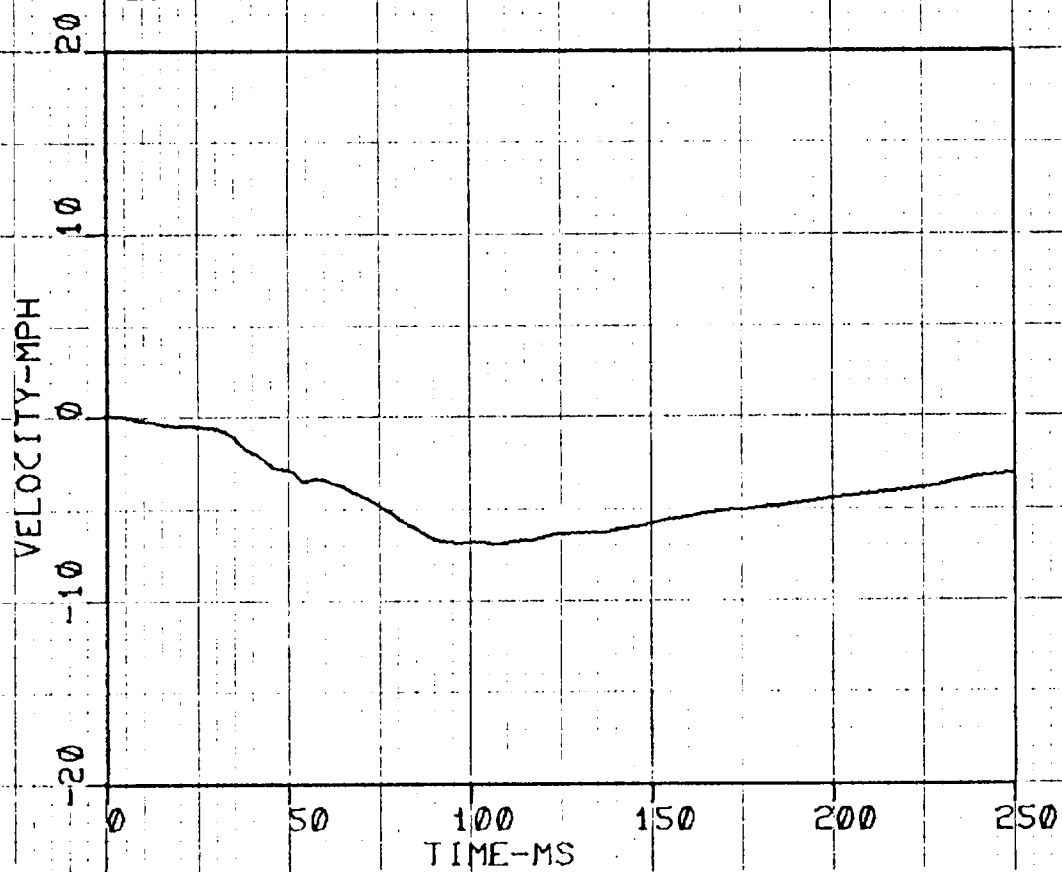


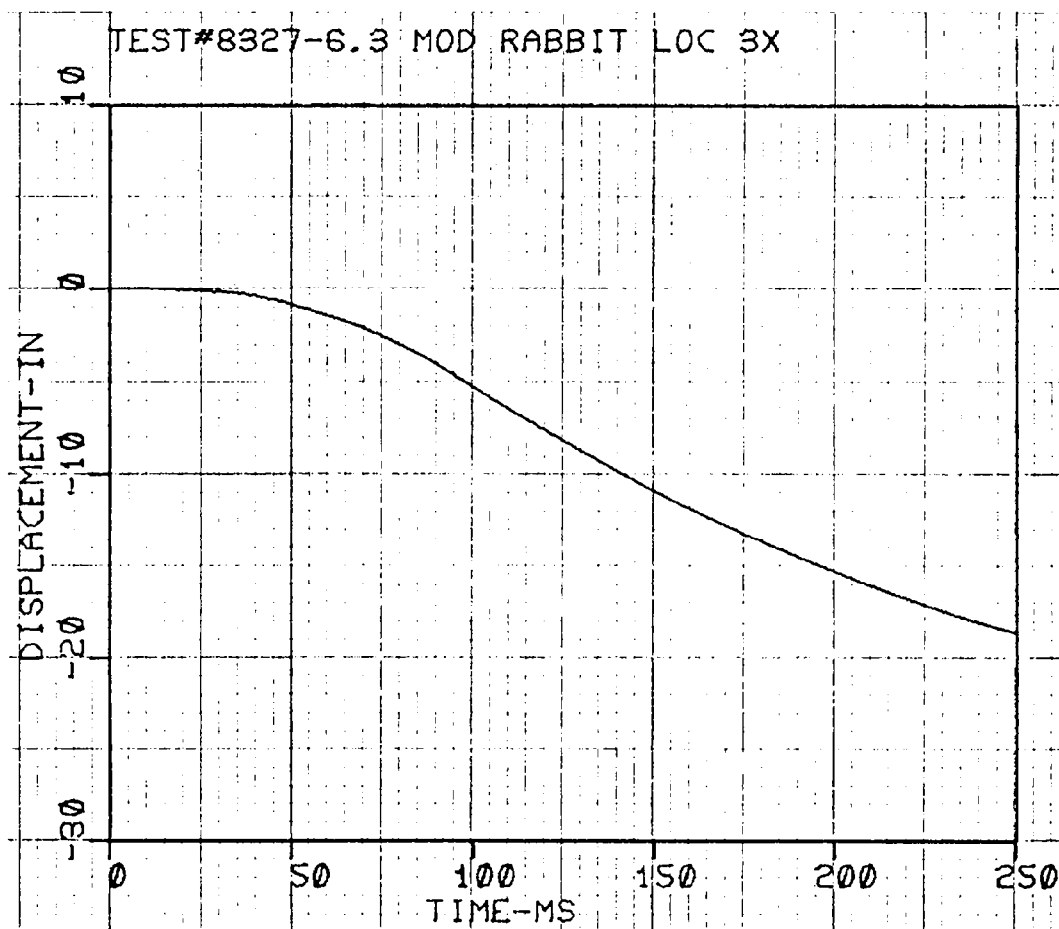


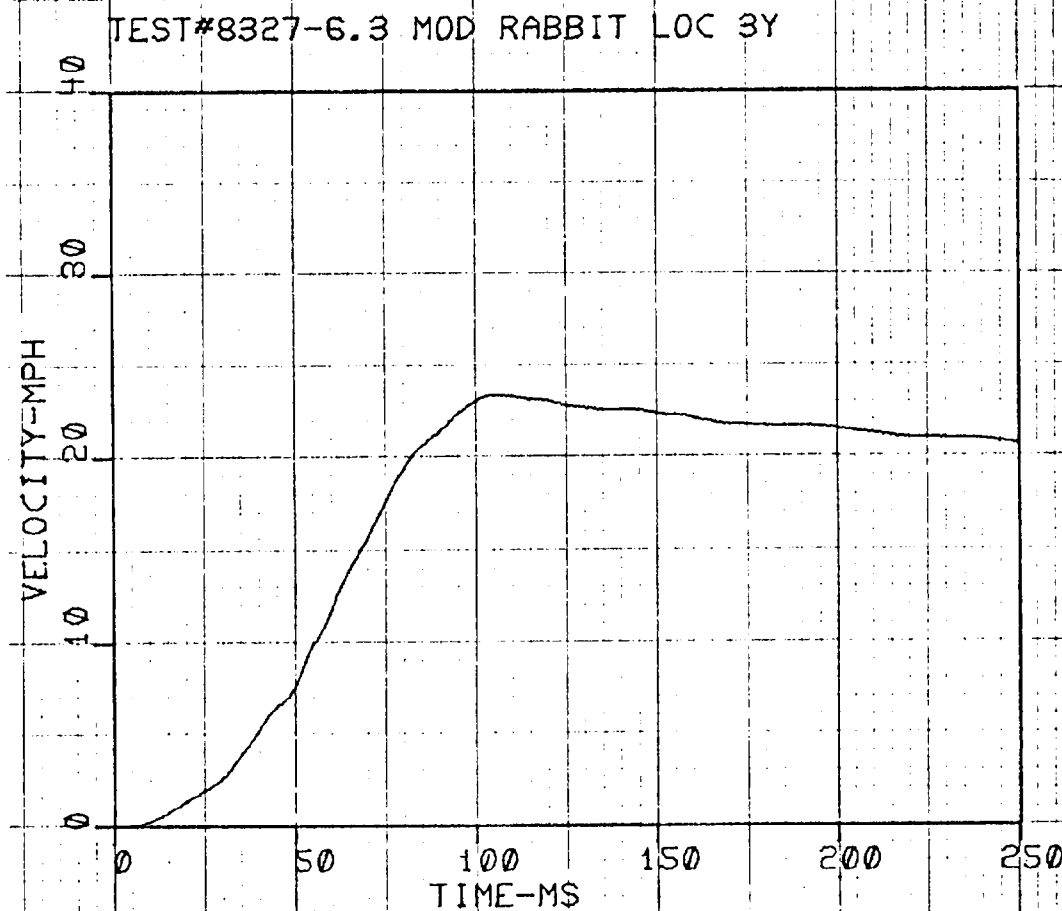
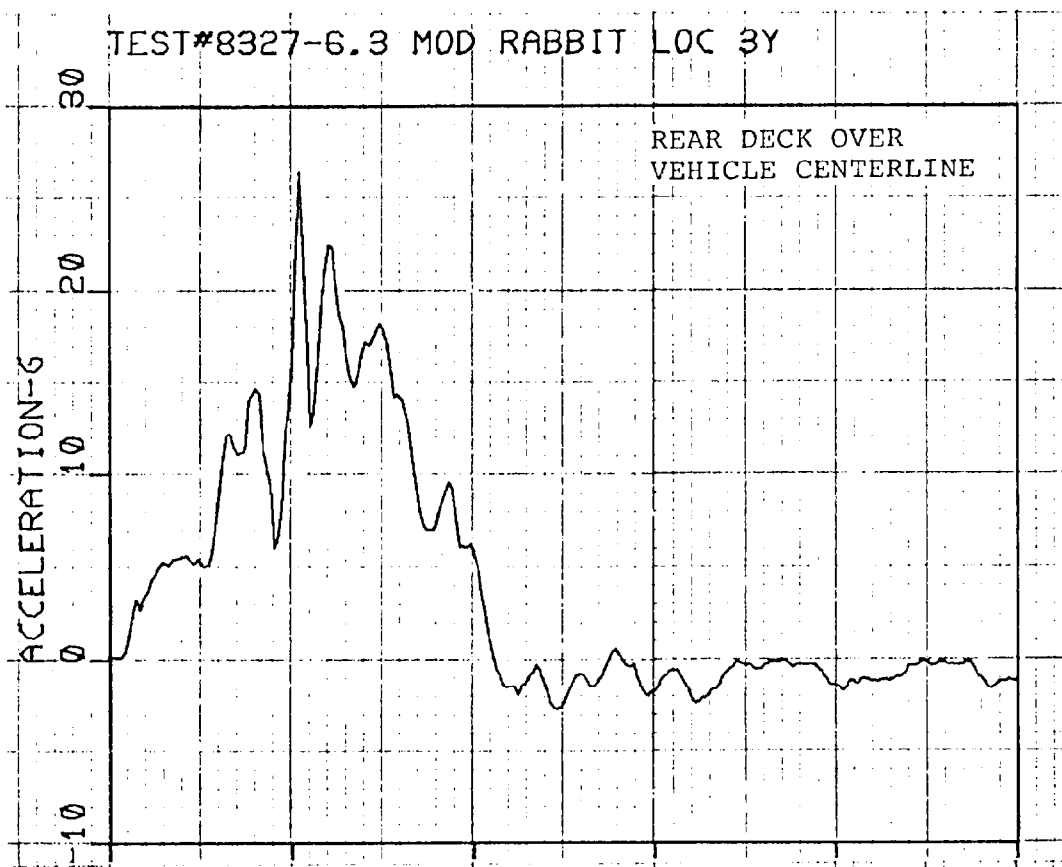
TEST#8327-6.3 MOD RABBIT LOC 3X

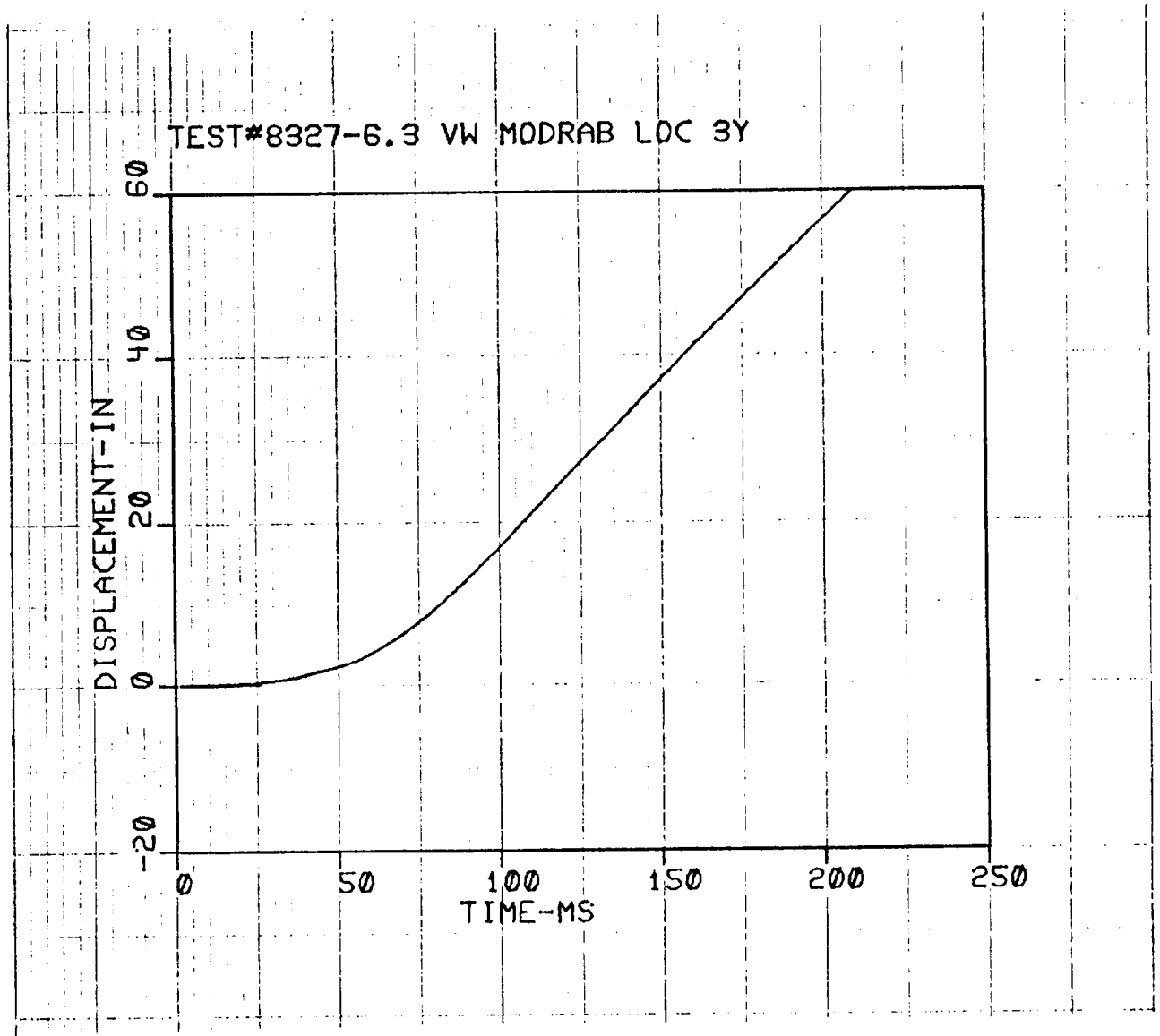


TEST#8327-6.3 MOD RABBIT LOC 3X



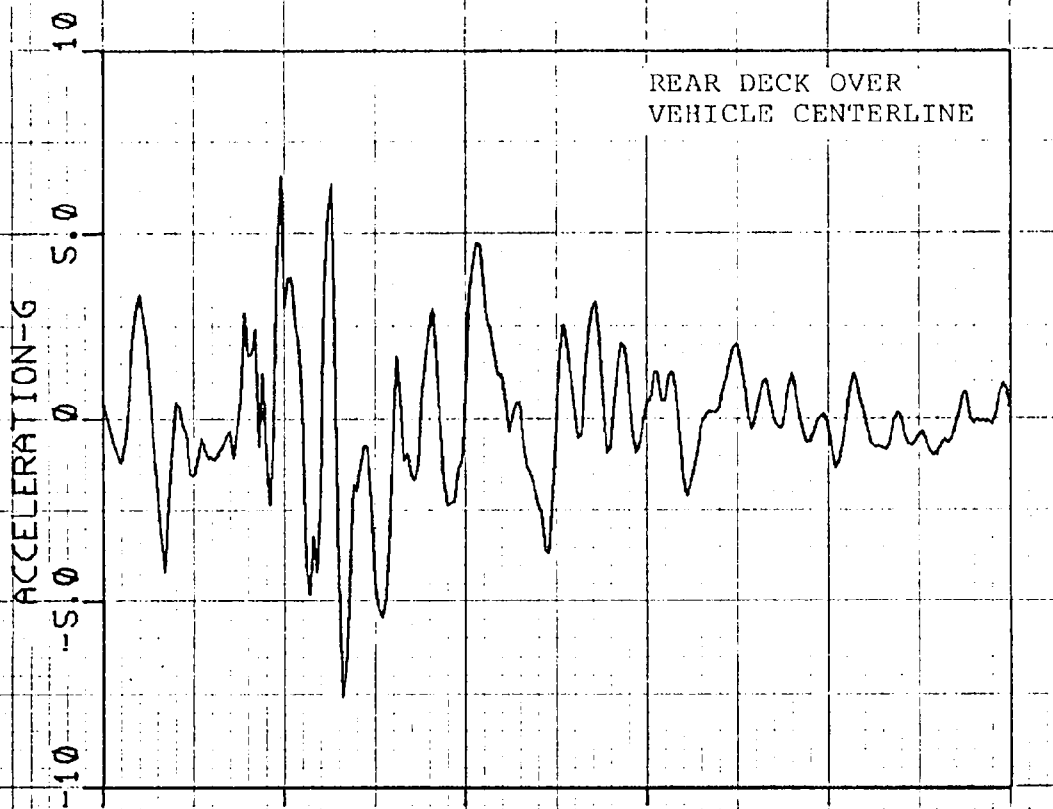




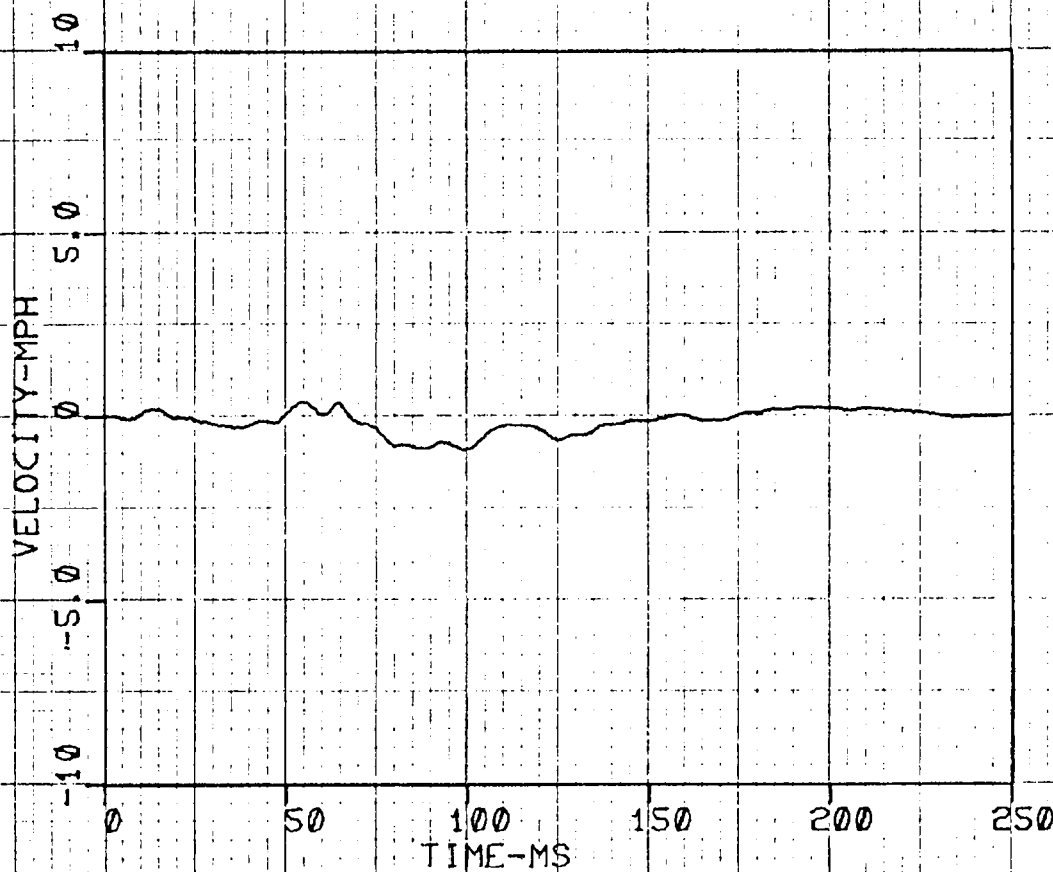


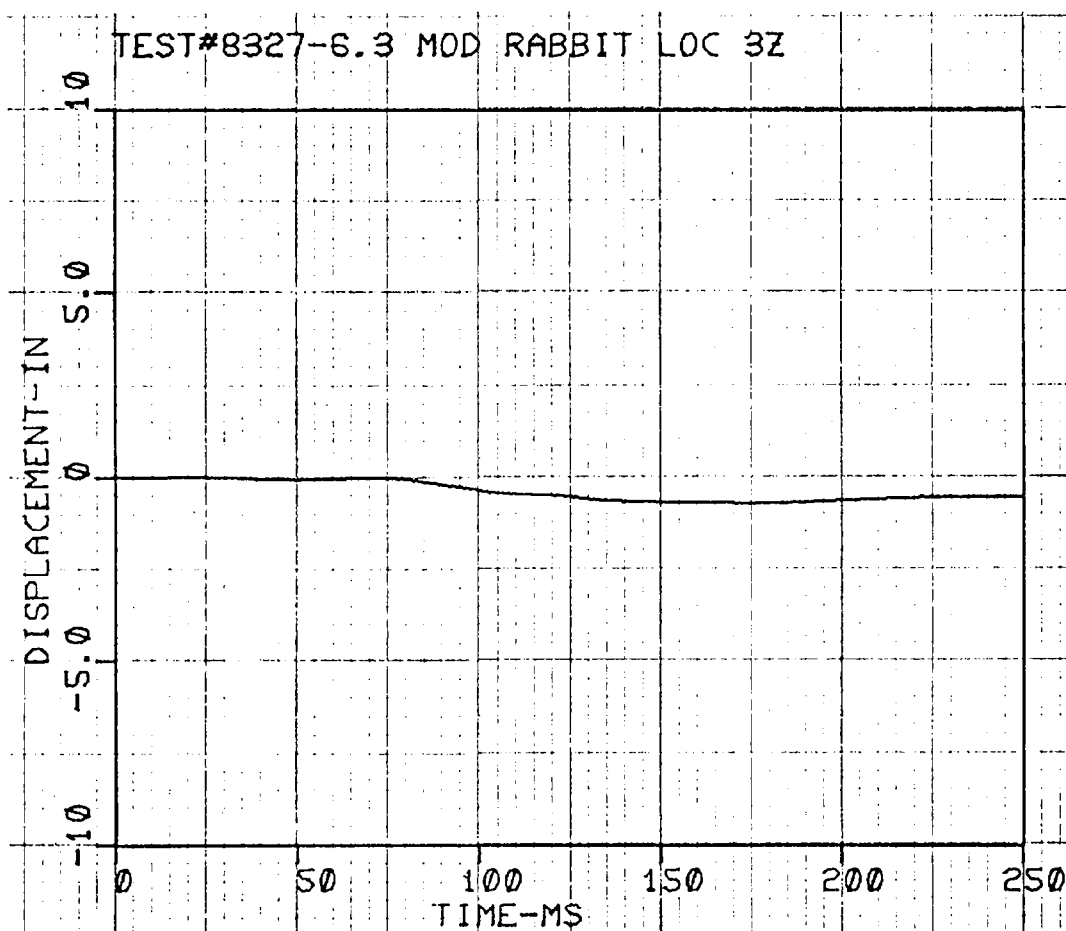
TEST#8327-6.3 MOD RABBIT LOC 3Z

REAR DECK OVER
VEHICLE CENTERLINE

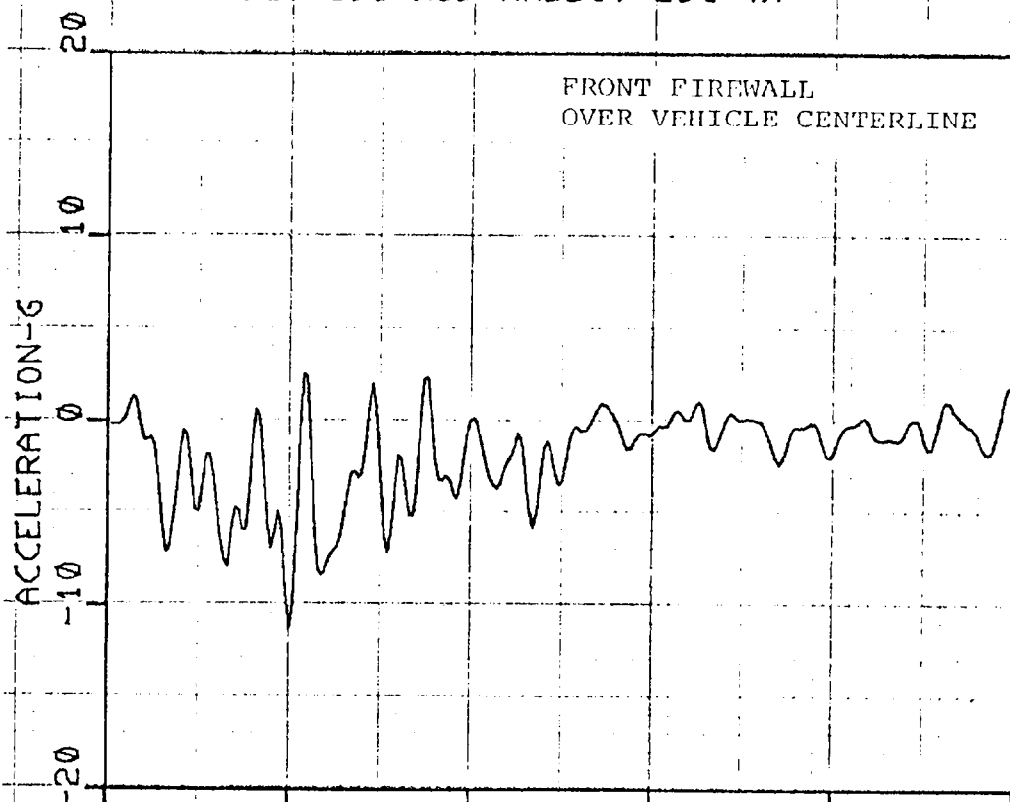


TEST#8327-6.3 MOD RABBIT LOC 3Z

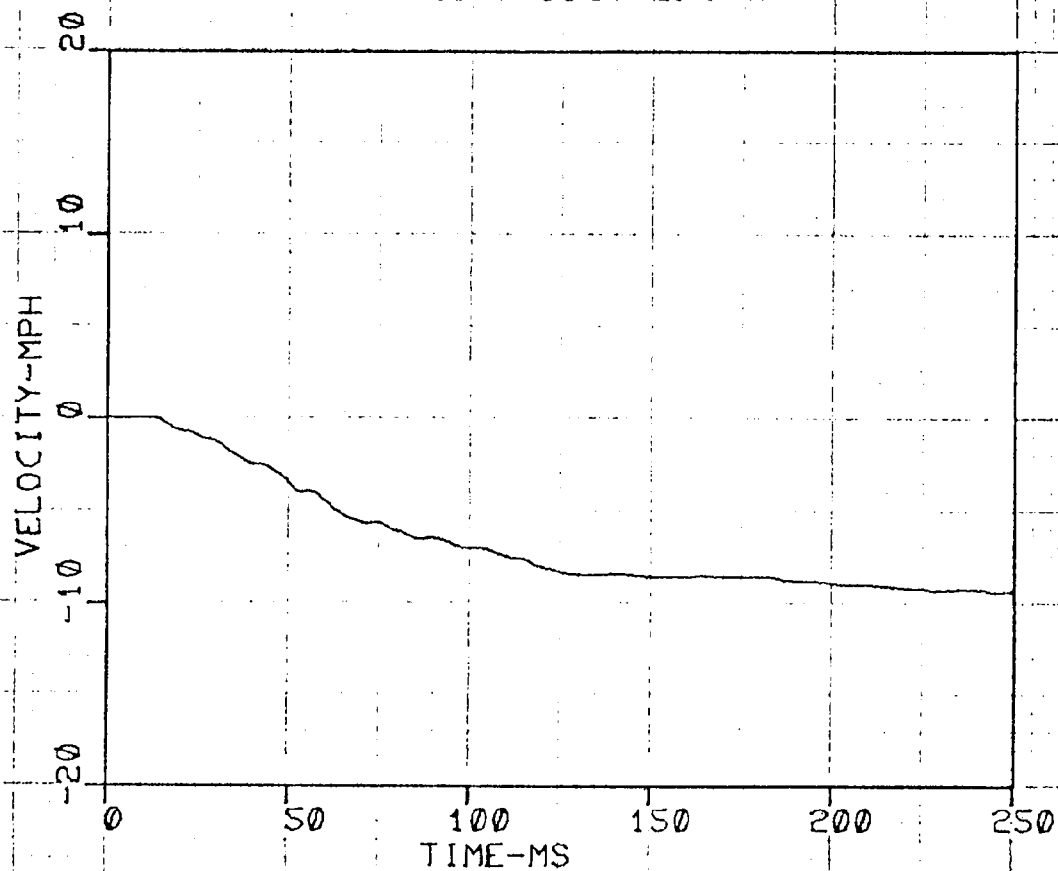




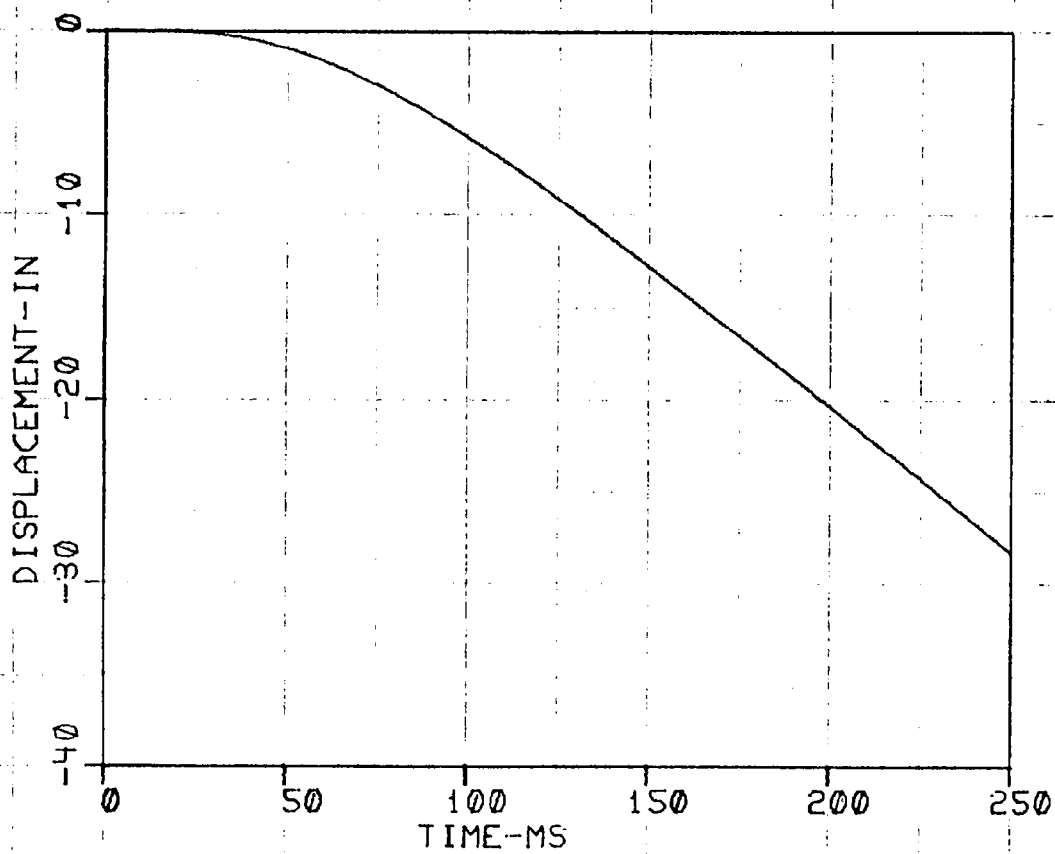
TEST#8327-6.3 MOD RABBIT LOC 4X



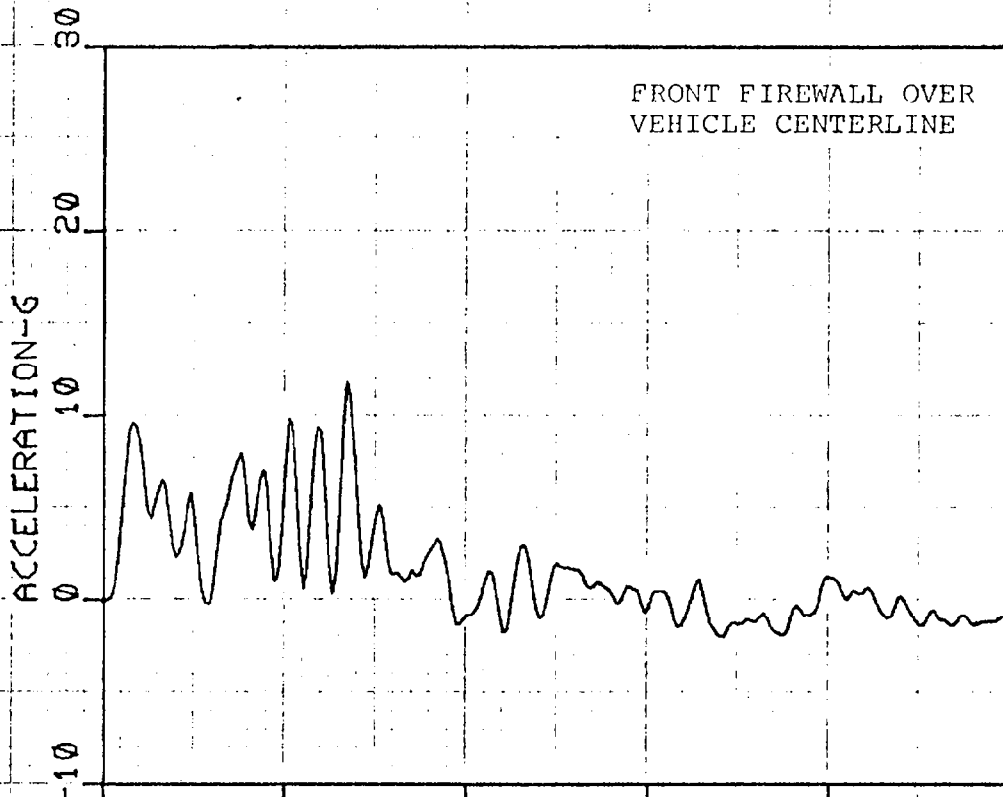
TEST#8327-6.3 MOD RABBIT LOC 4X



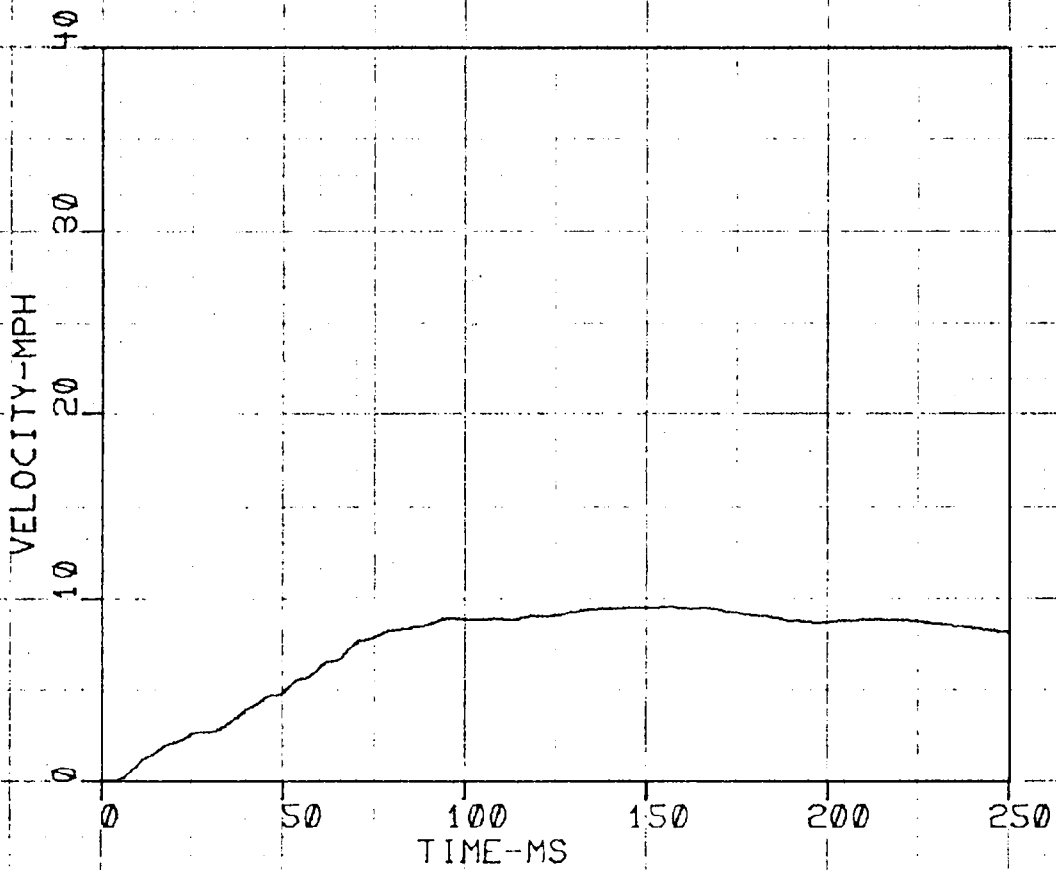
TEST#8327-6.3 VW MODRAB LOC 4X

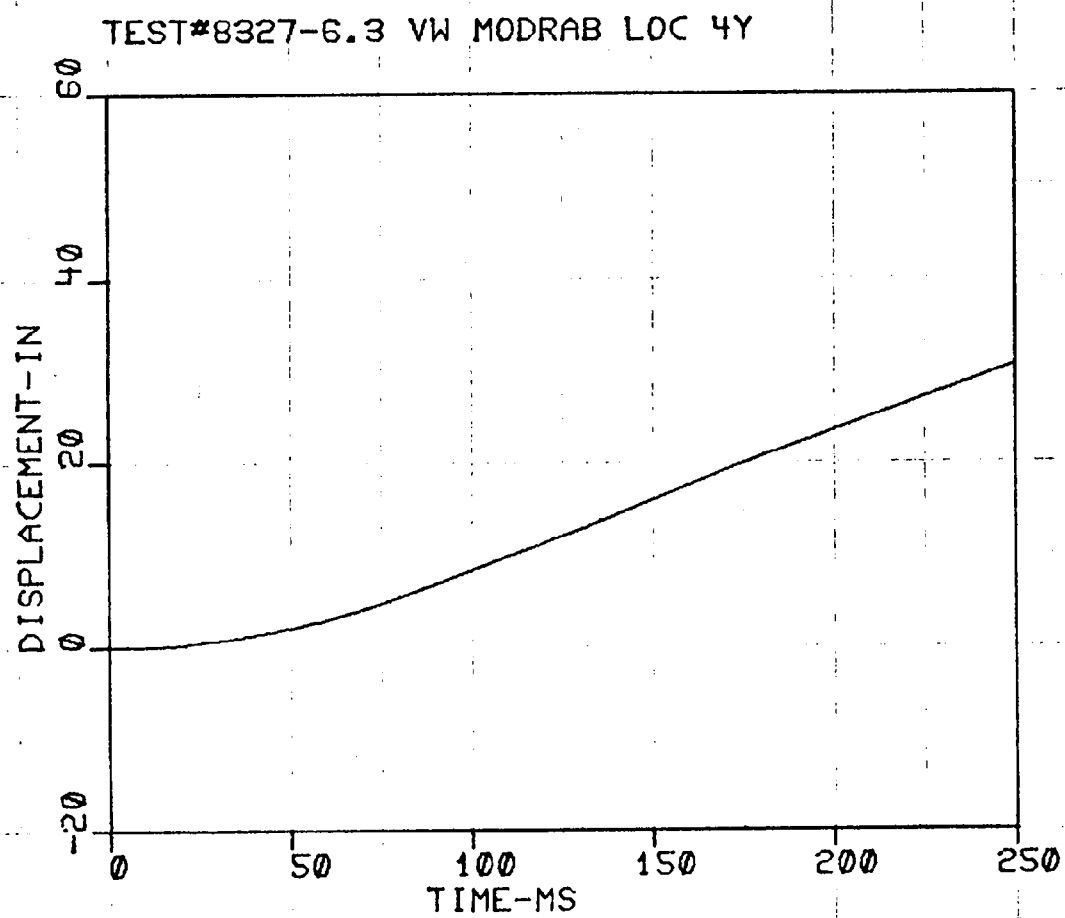


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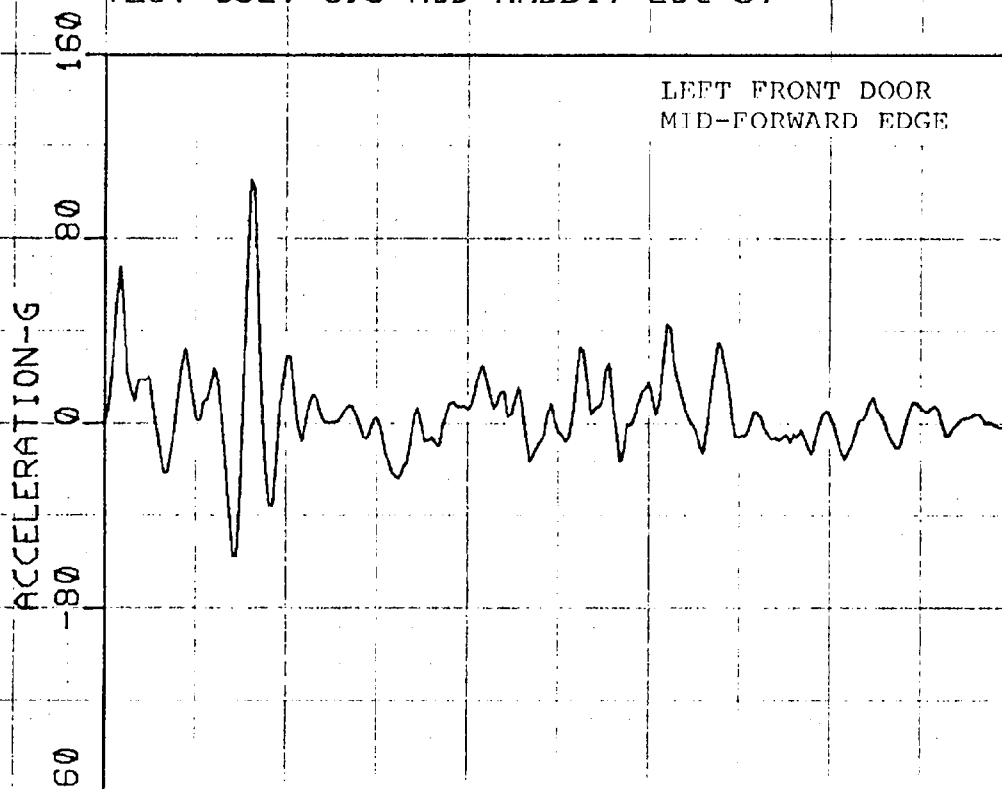


TEST#8327-6.3 MOD RABBIT LOC 4Y

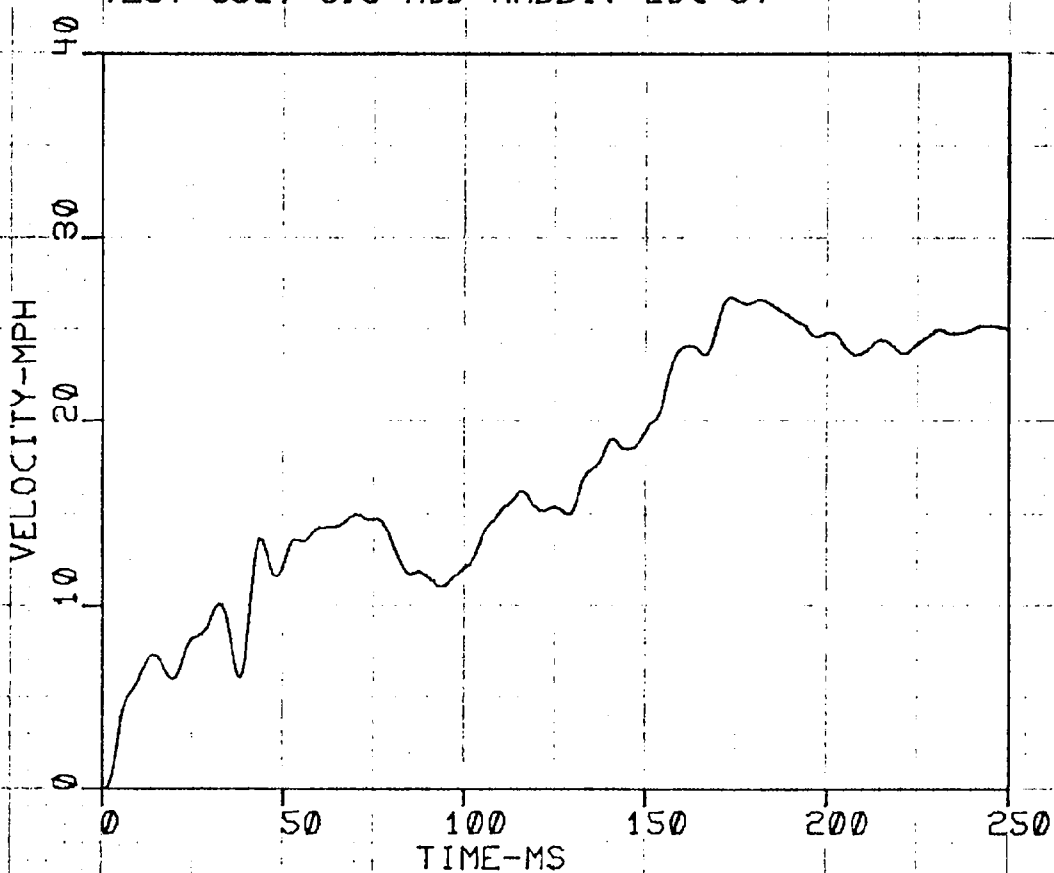


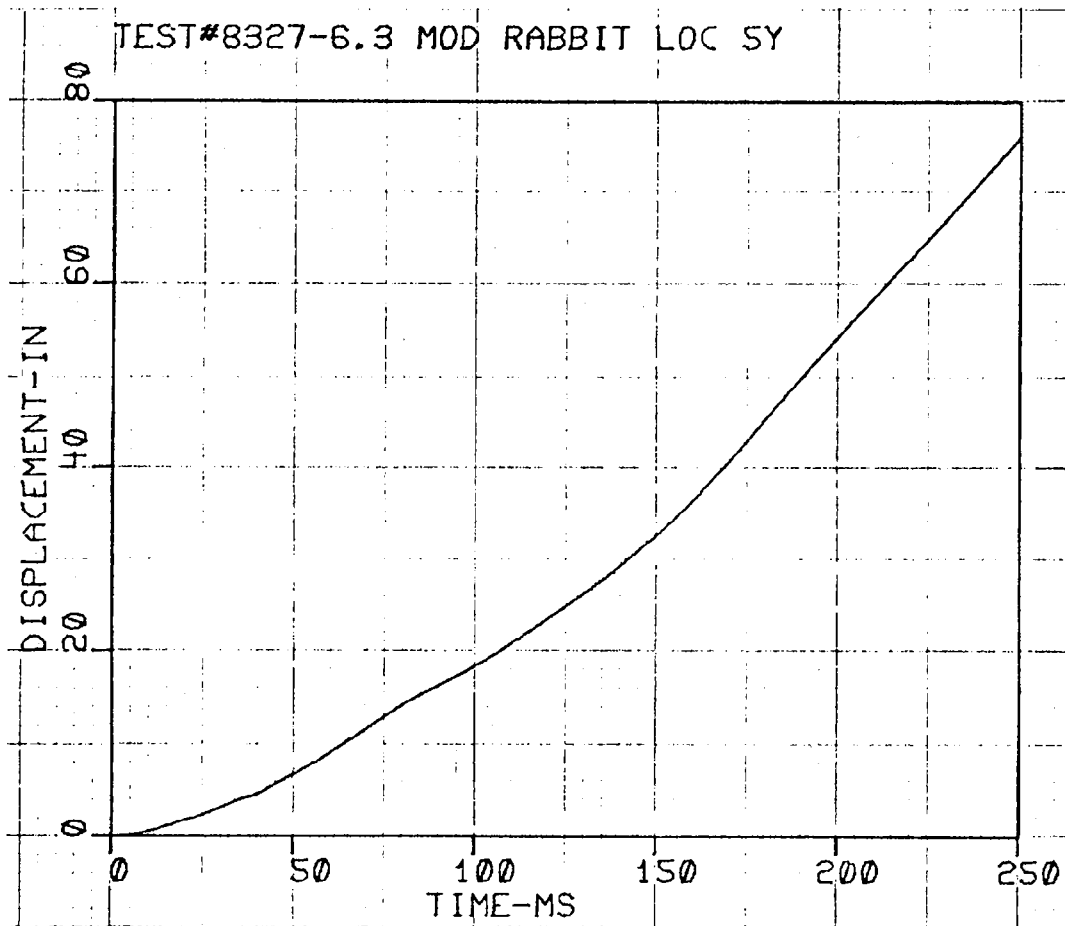


TEST#8327-6.3 MOD RABBIT LOC 5Y

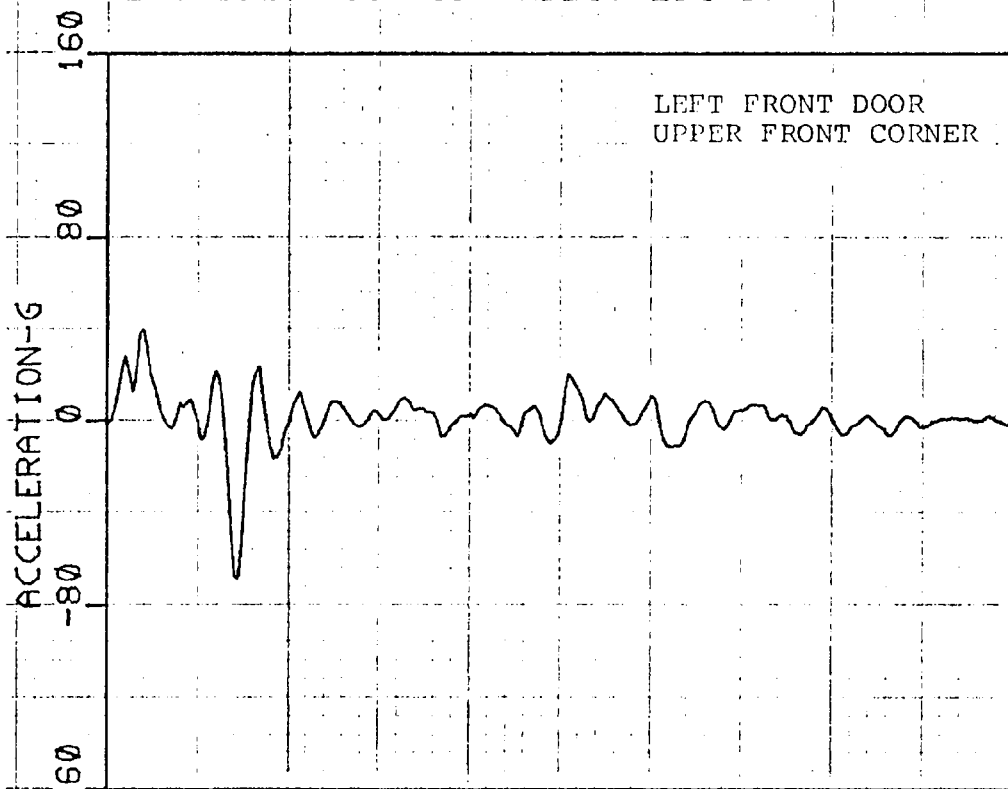


TEST#8327-6.3 MOD RABBIT LOC 5Y

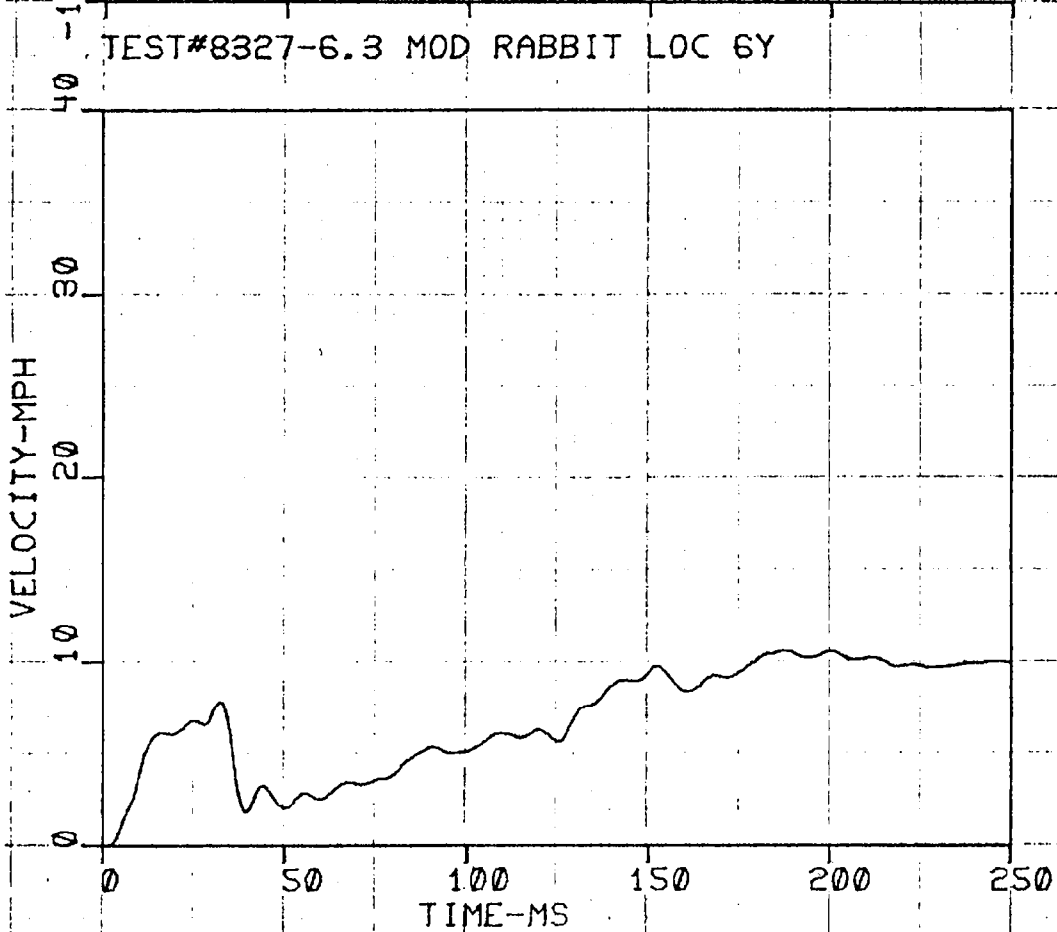




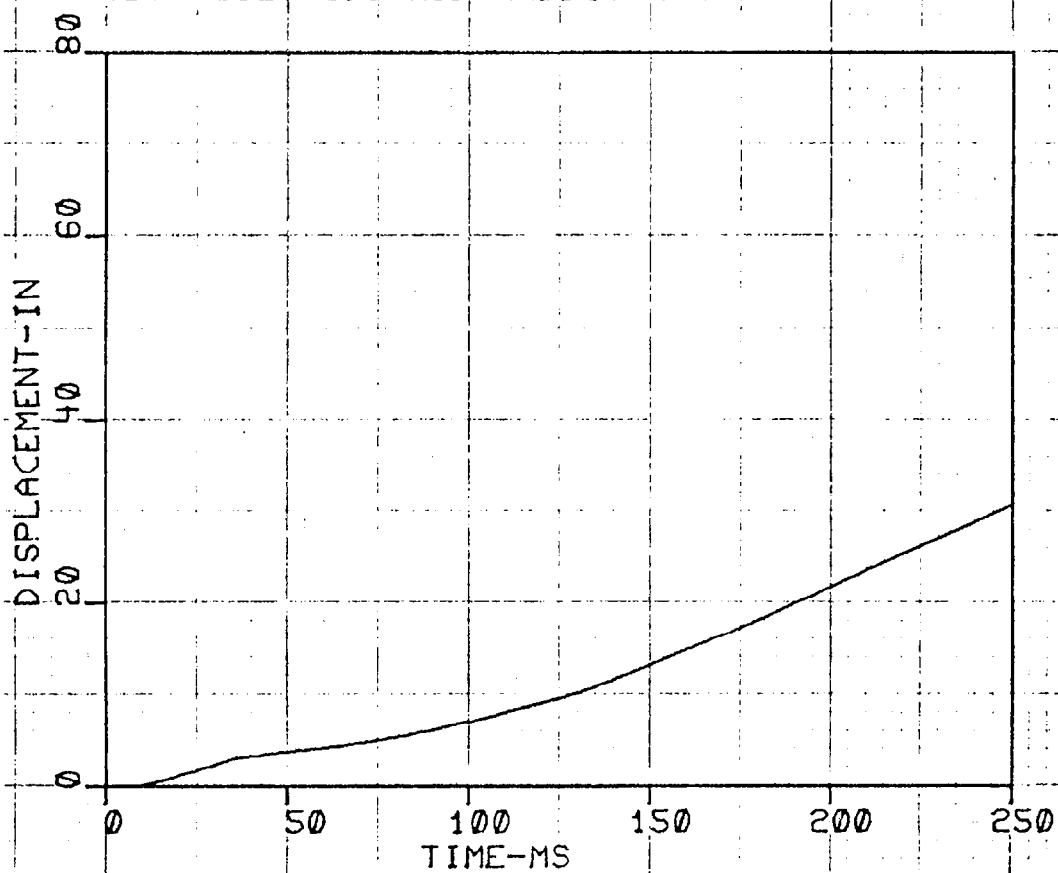
TEST#8327-6.3 MOD RABBIT LOC 6Y



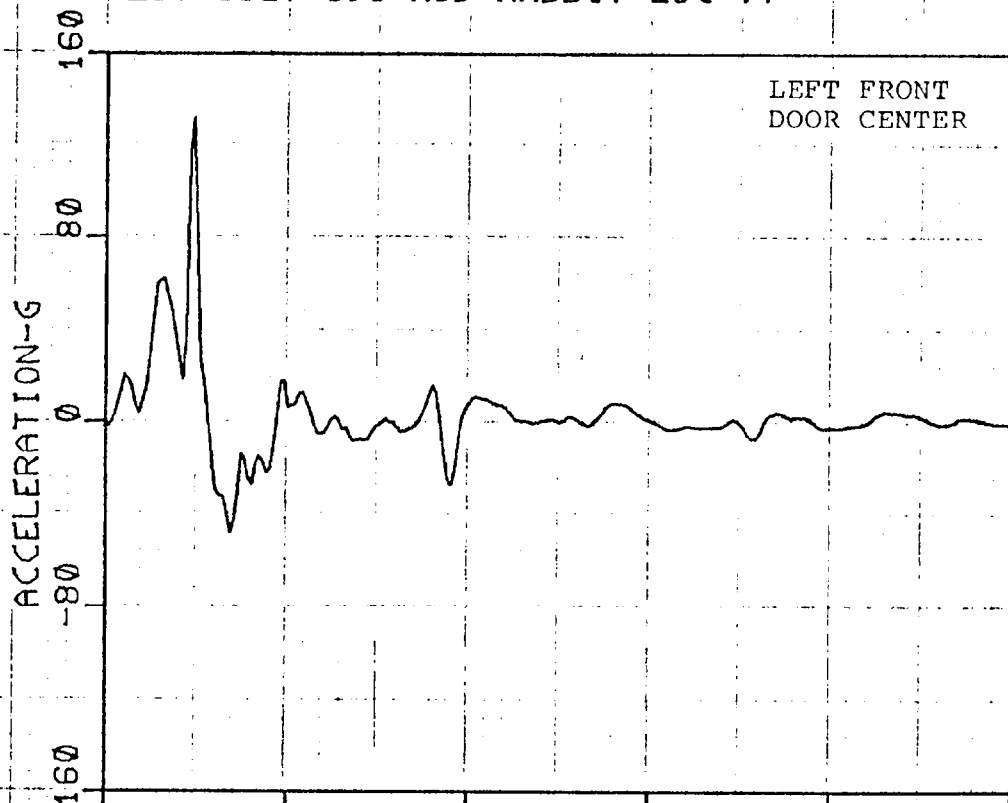
TEST#8327-6.3 MOD RABBIT LOC 6Y



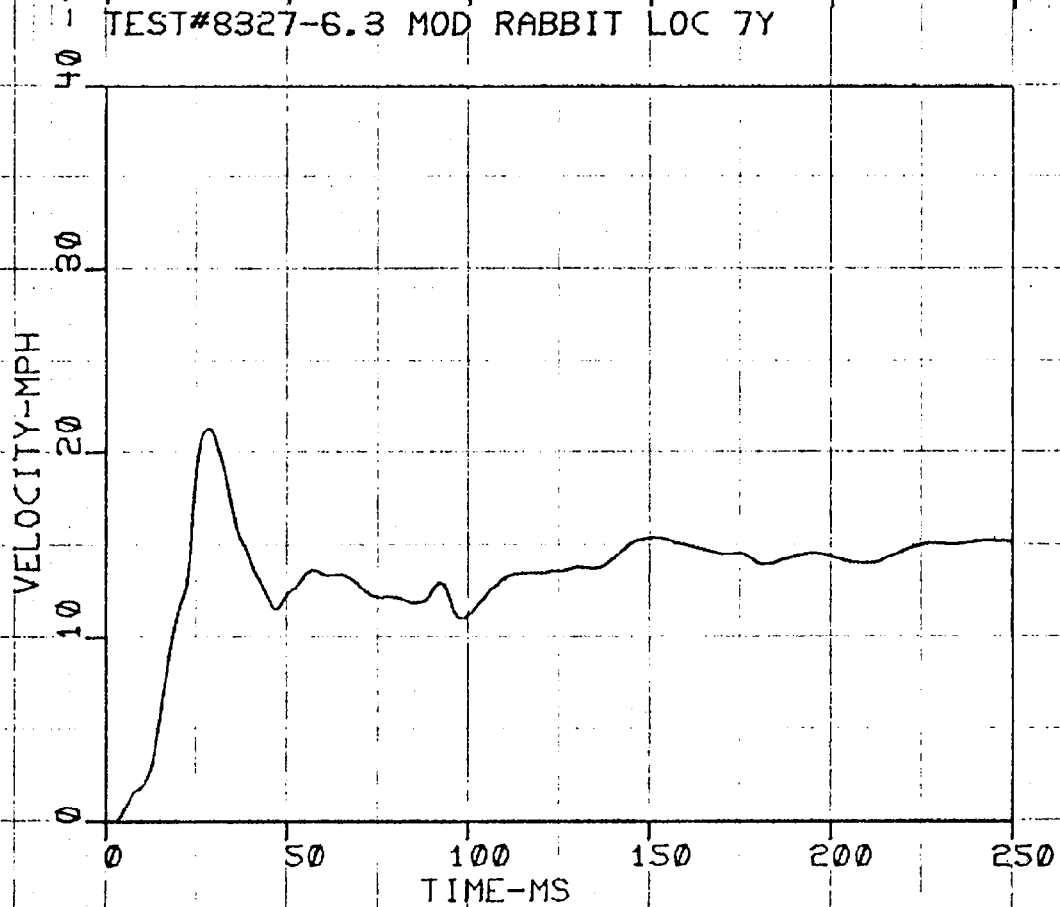
TEST#8327-6.3 MOD RABBIT LOC 6Y

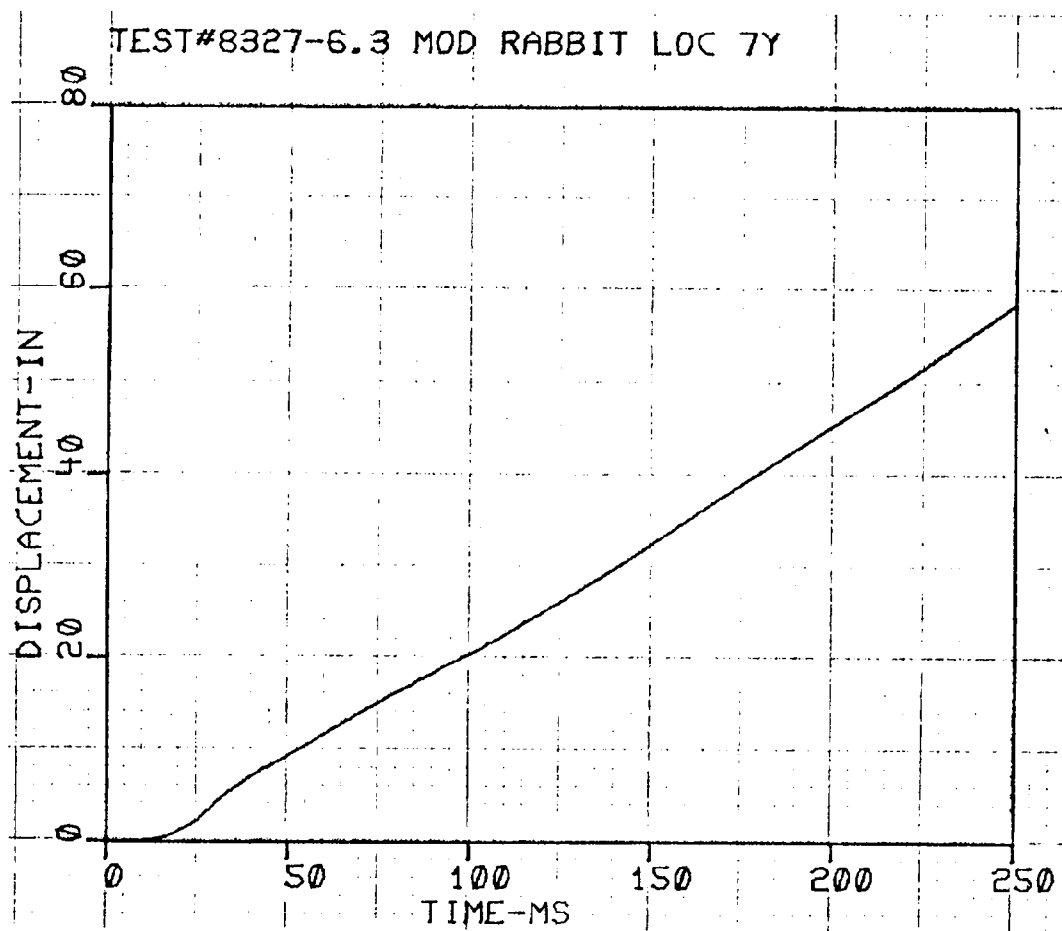


TEST#8327-6.3 MOD RABBIT LOC 7Y

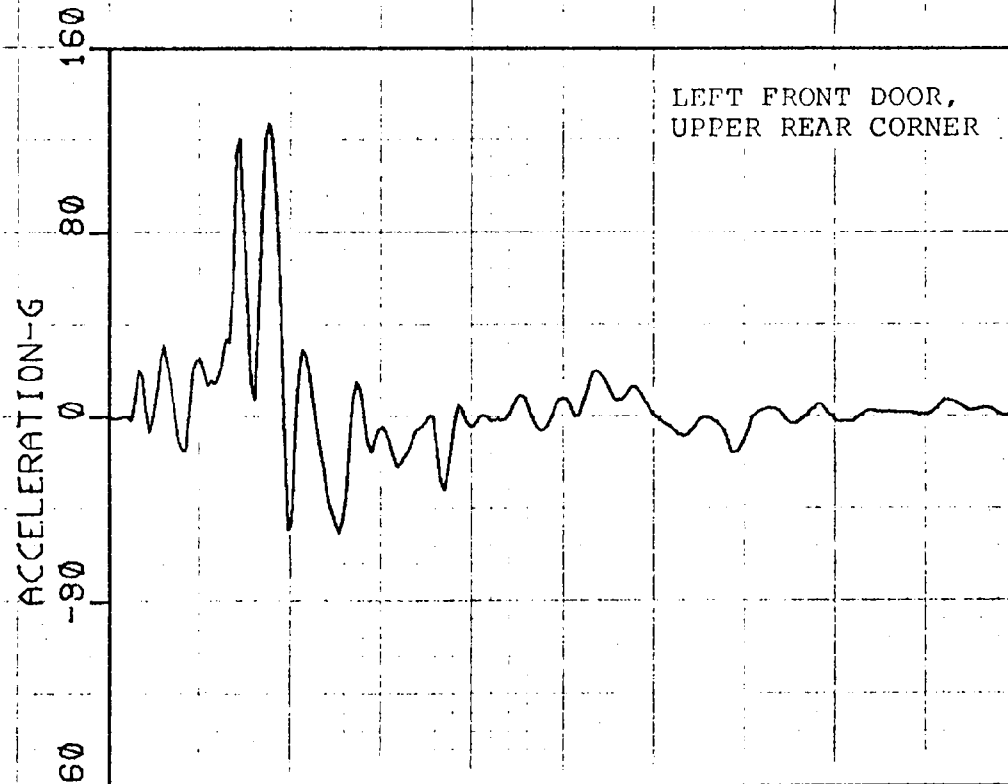


TEST#8327-6.3 MOD RABBIT LOC 7Y

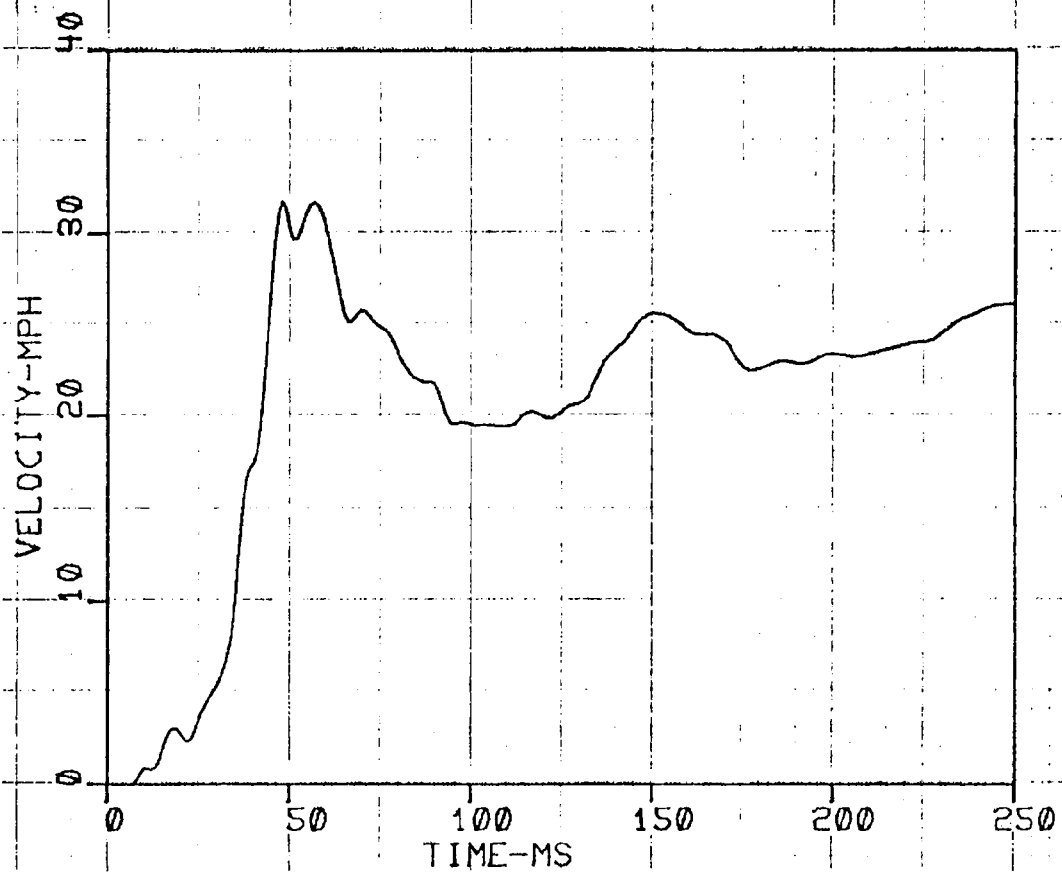


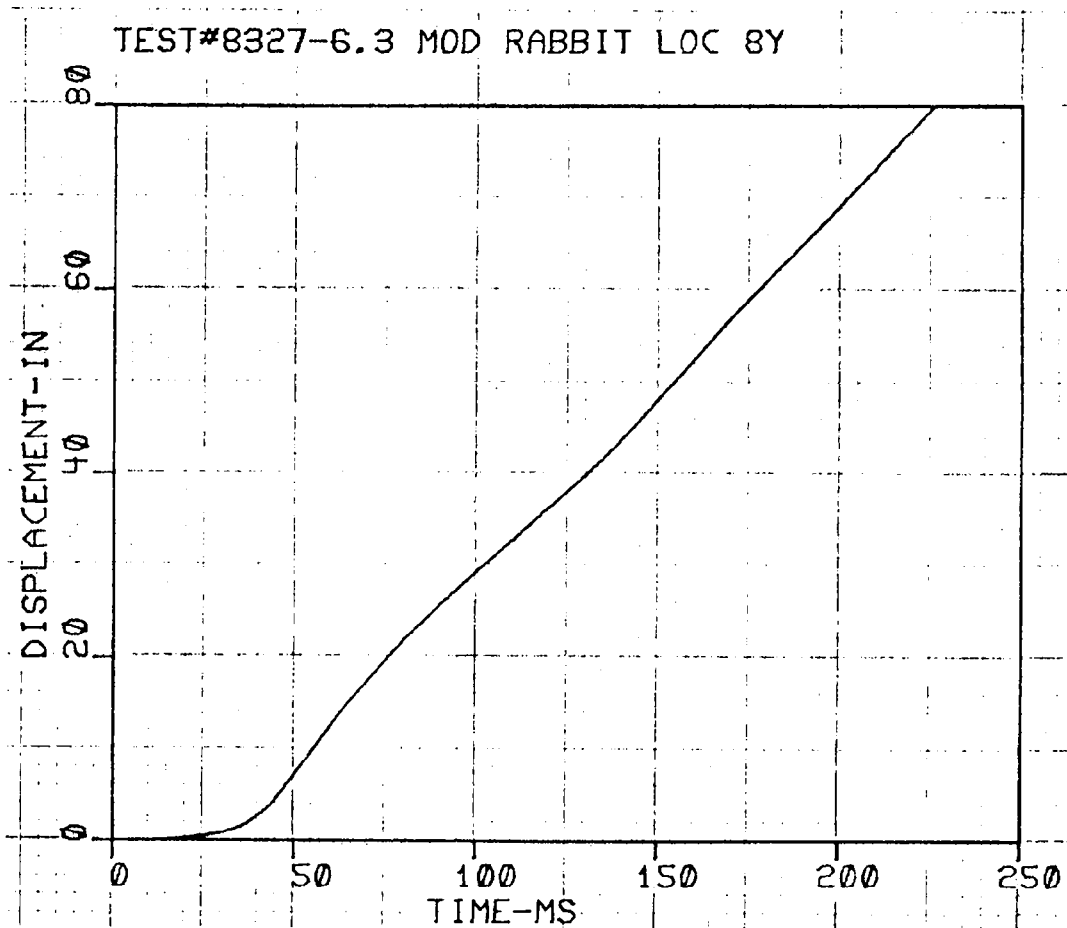


TEST#8327-6.3 MOD RABBIT LOC 8Y

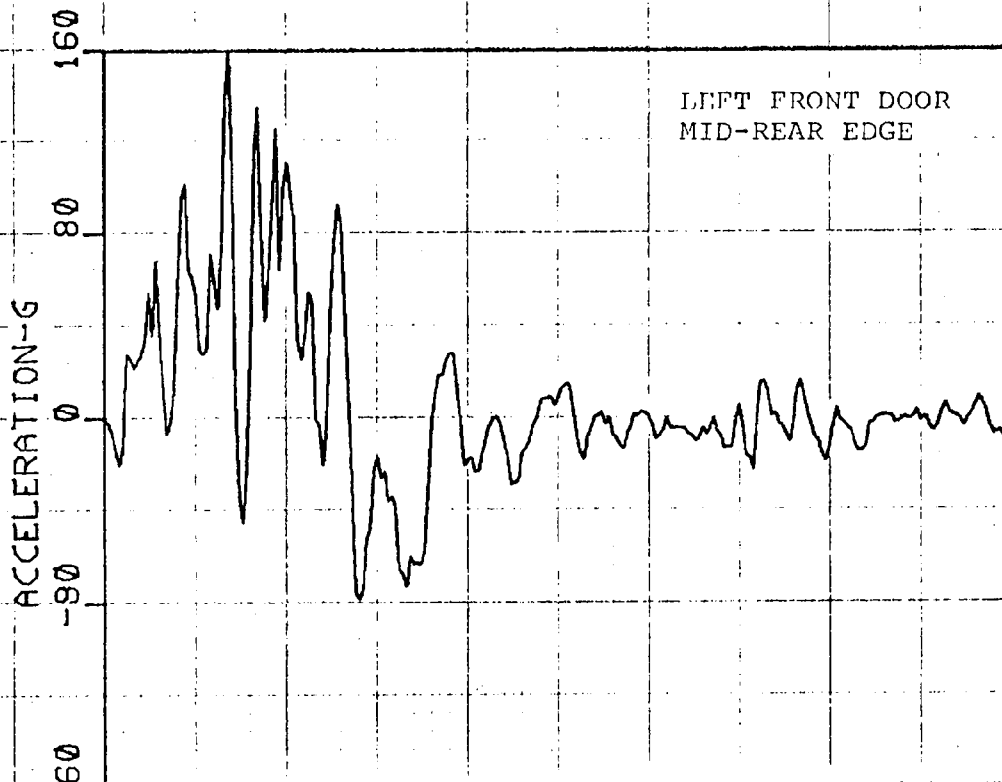


TEST#8327-6.3 MOD RABBIT LOC 8Y

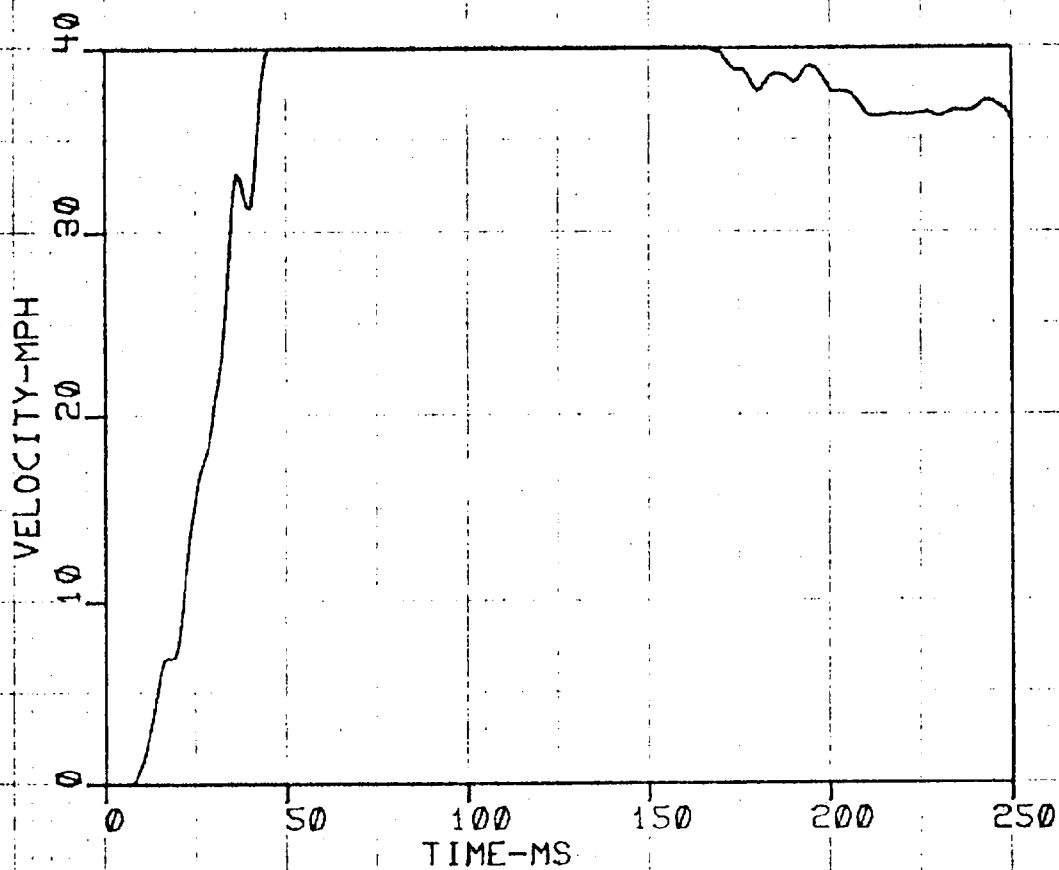


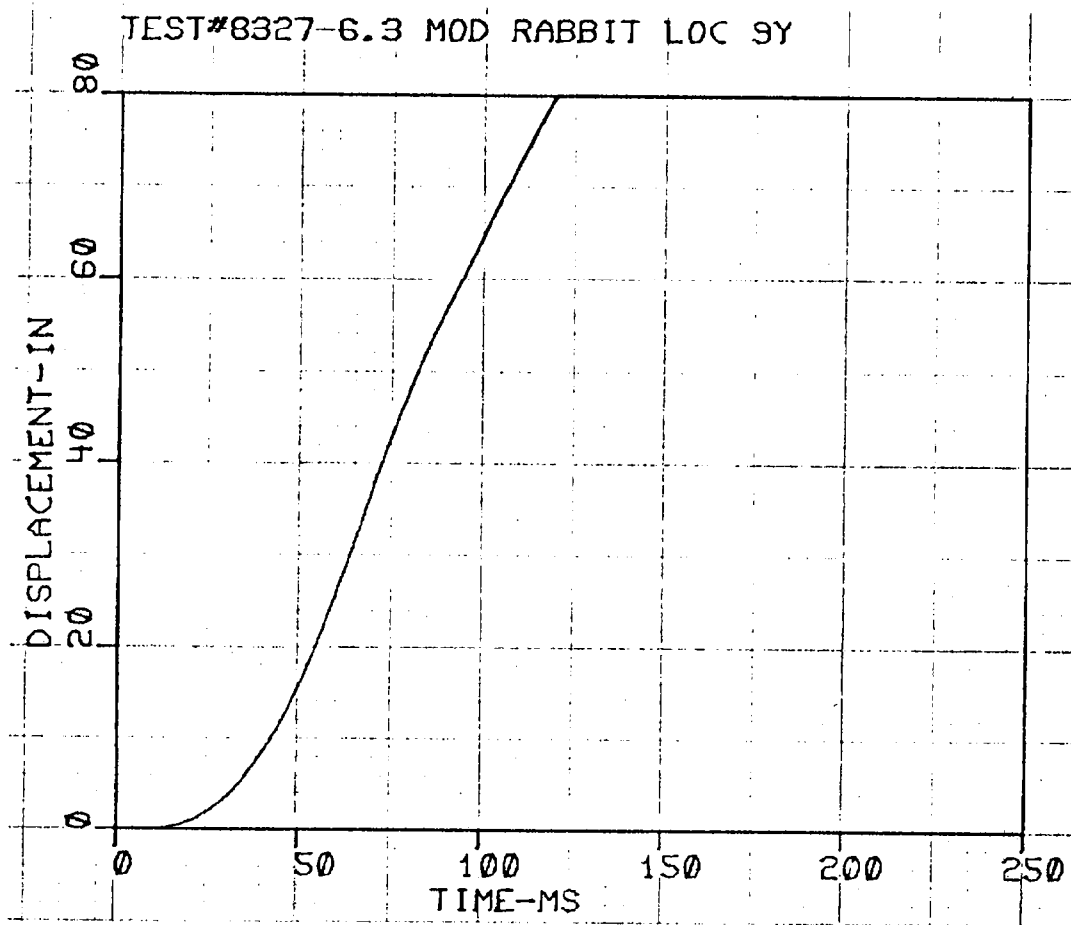


TEST#8327-6.3 MOD RABBIT LOC 9Y

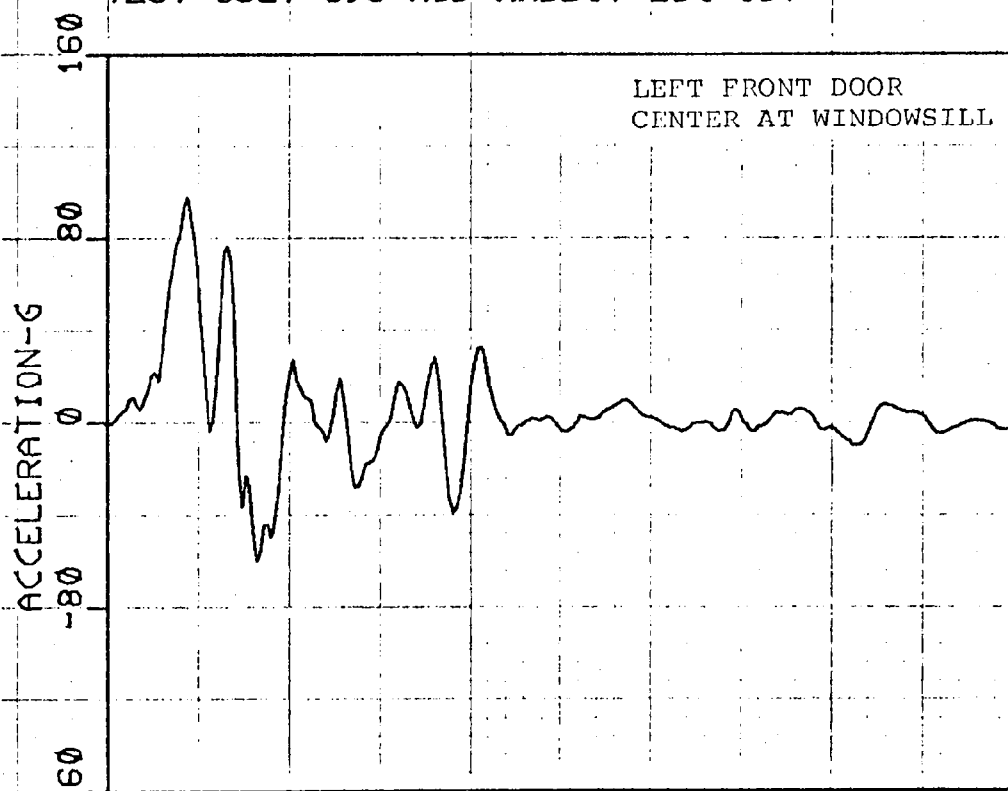


TEST#8327-6.3 MOD RABBIT LOC 9Y

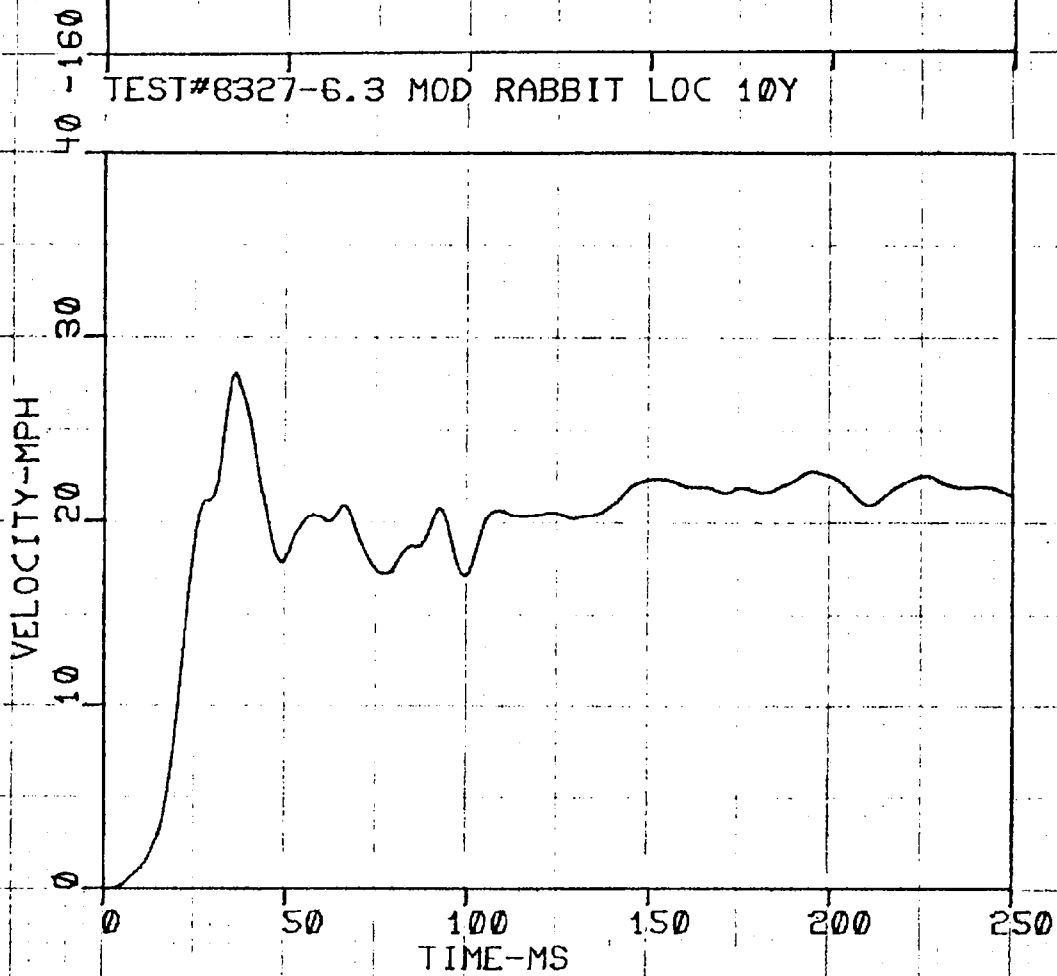


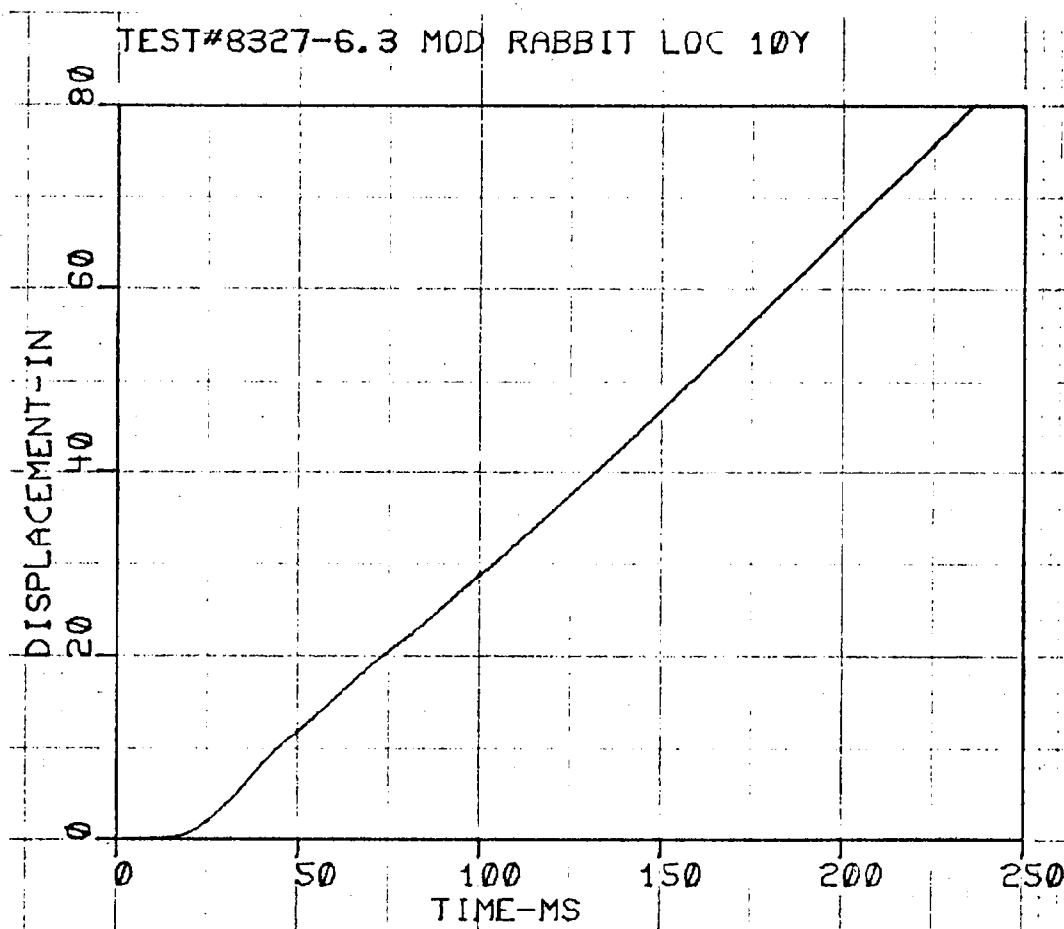


TEST#8327-6.3 MOD RABBIT LOC 10Y

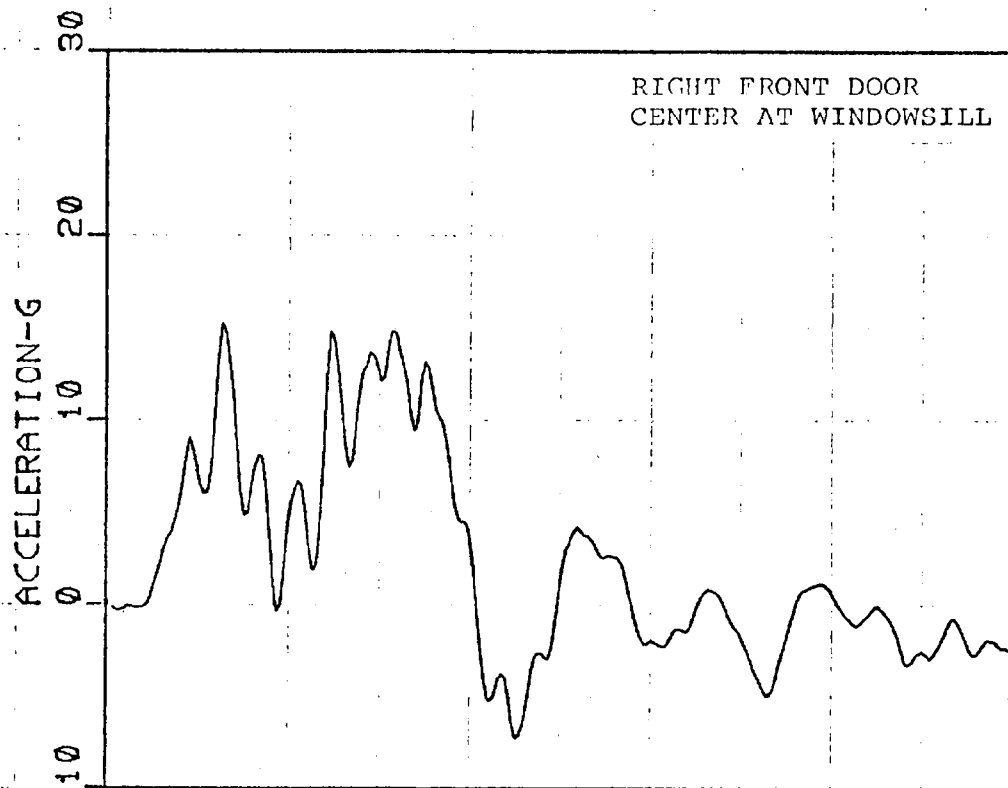


TEST#8327-6.3 MOD RABBIT LOC 10Y

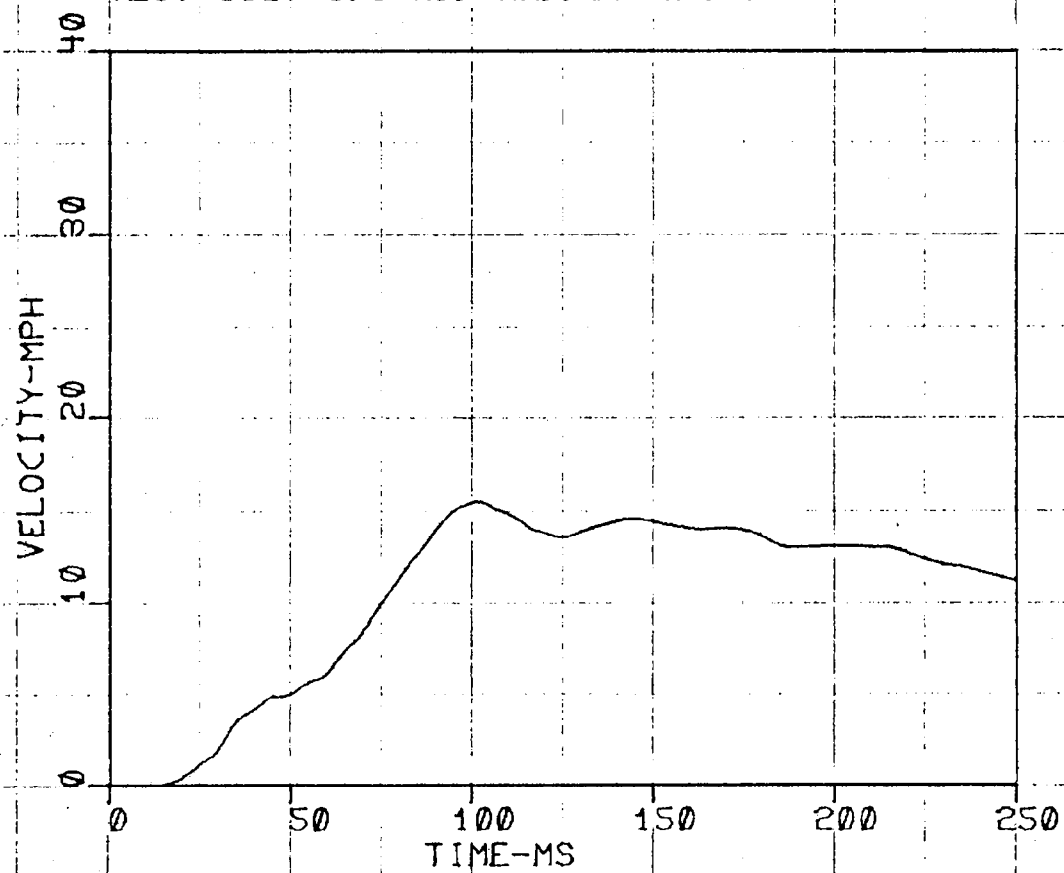


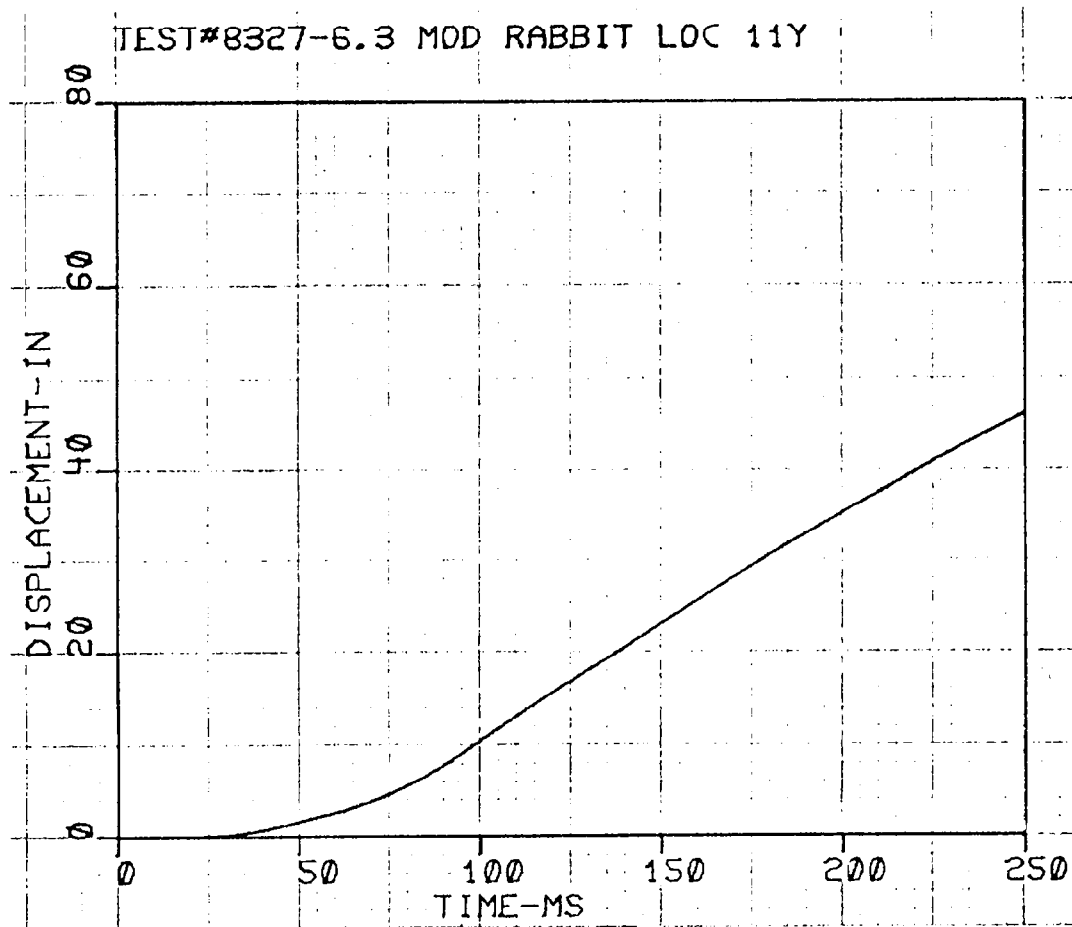


TEST#8327-6.3 VW MODRAB LOC 11Y

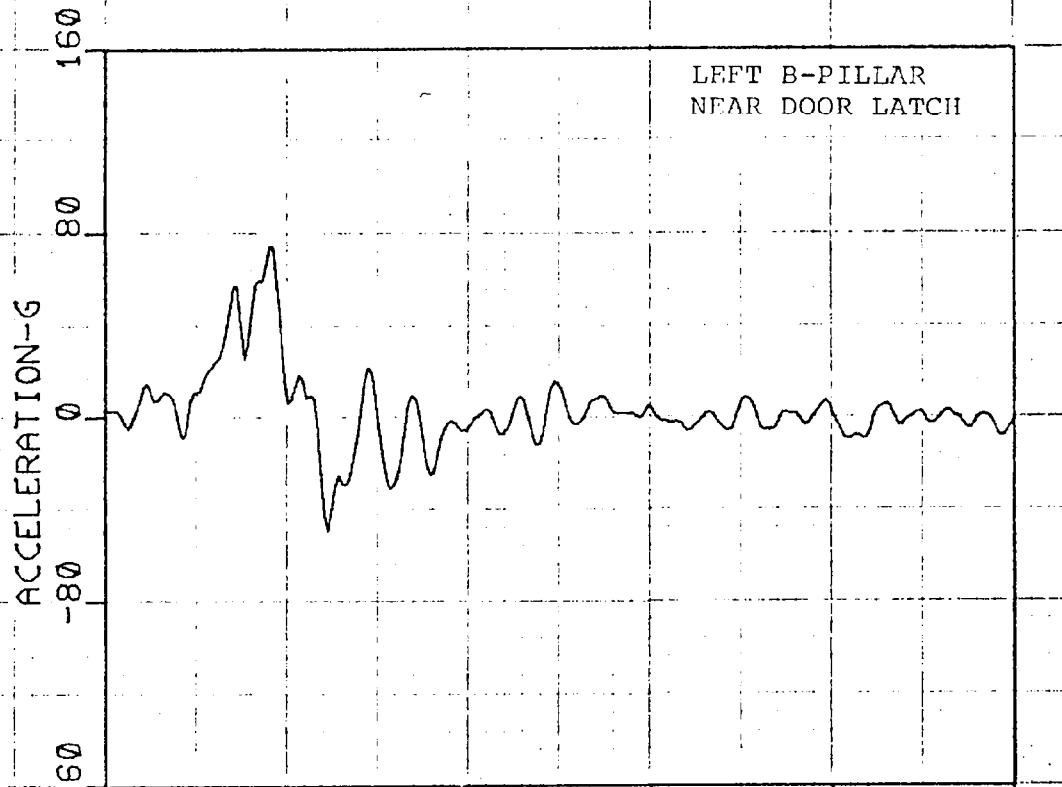


TEST#8327-6.3 MOD RABBIT LOC 11Y

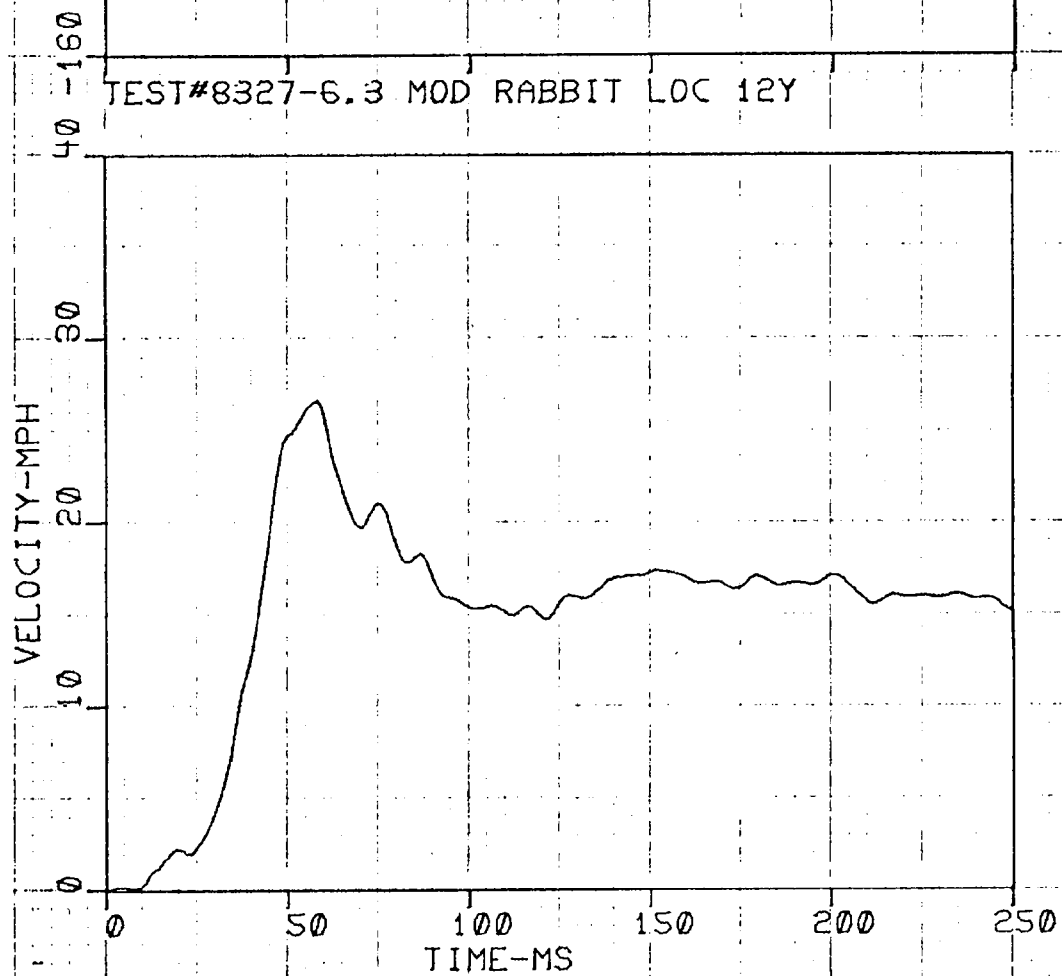


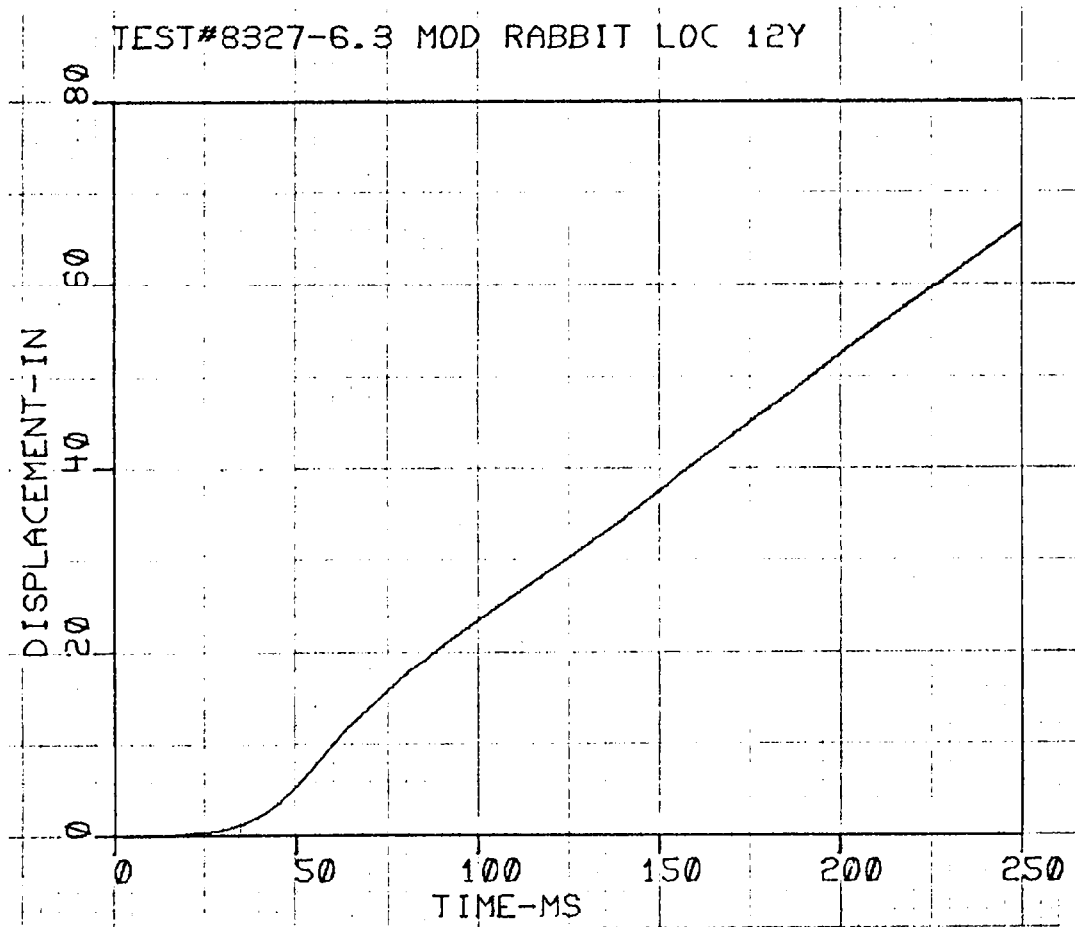


TEST#8327-6.3 MOD RABBIT LOC 12Y

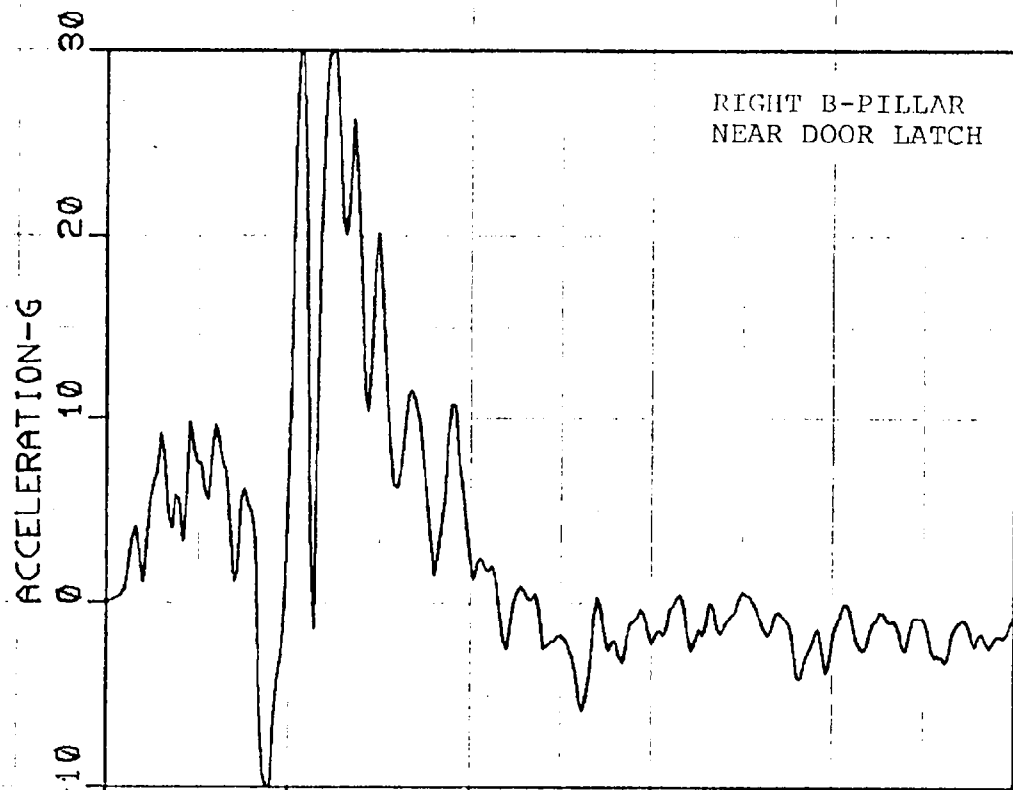


TEST#8327-6.3 MOD RABBIT LOC 12Y

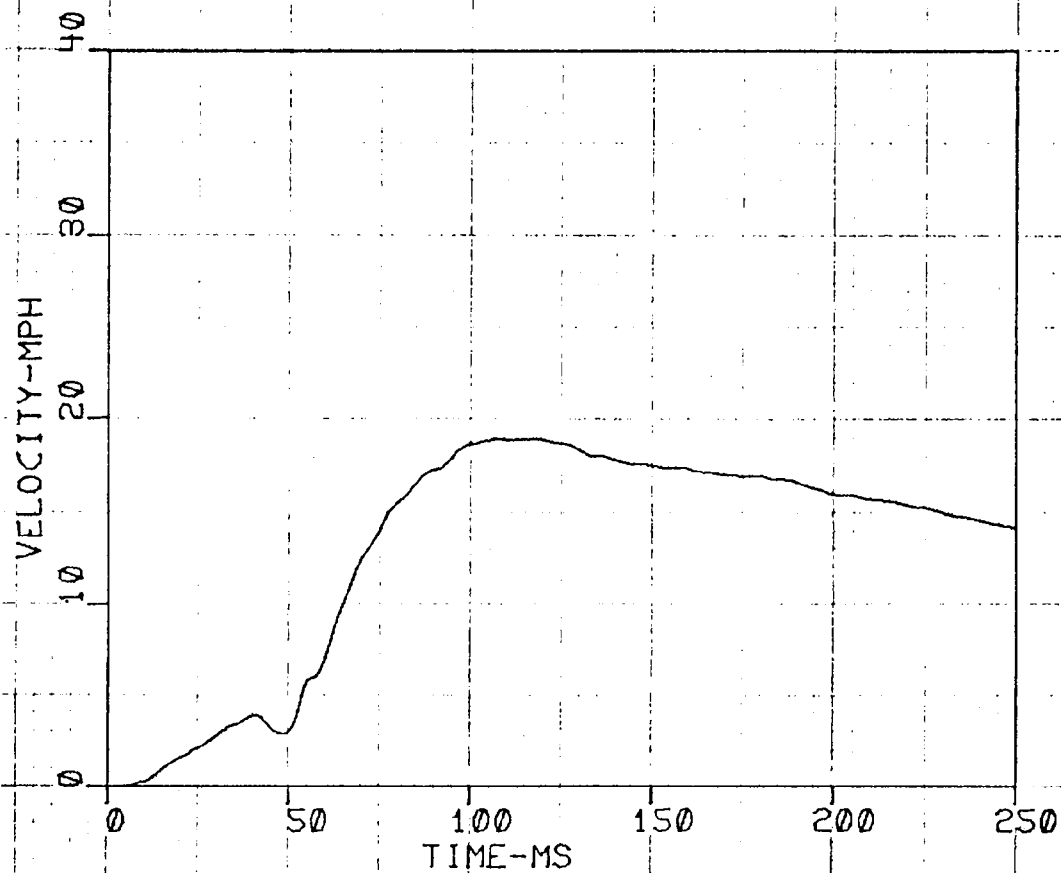


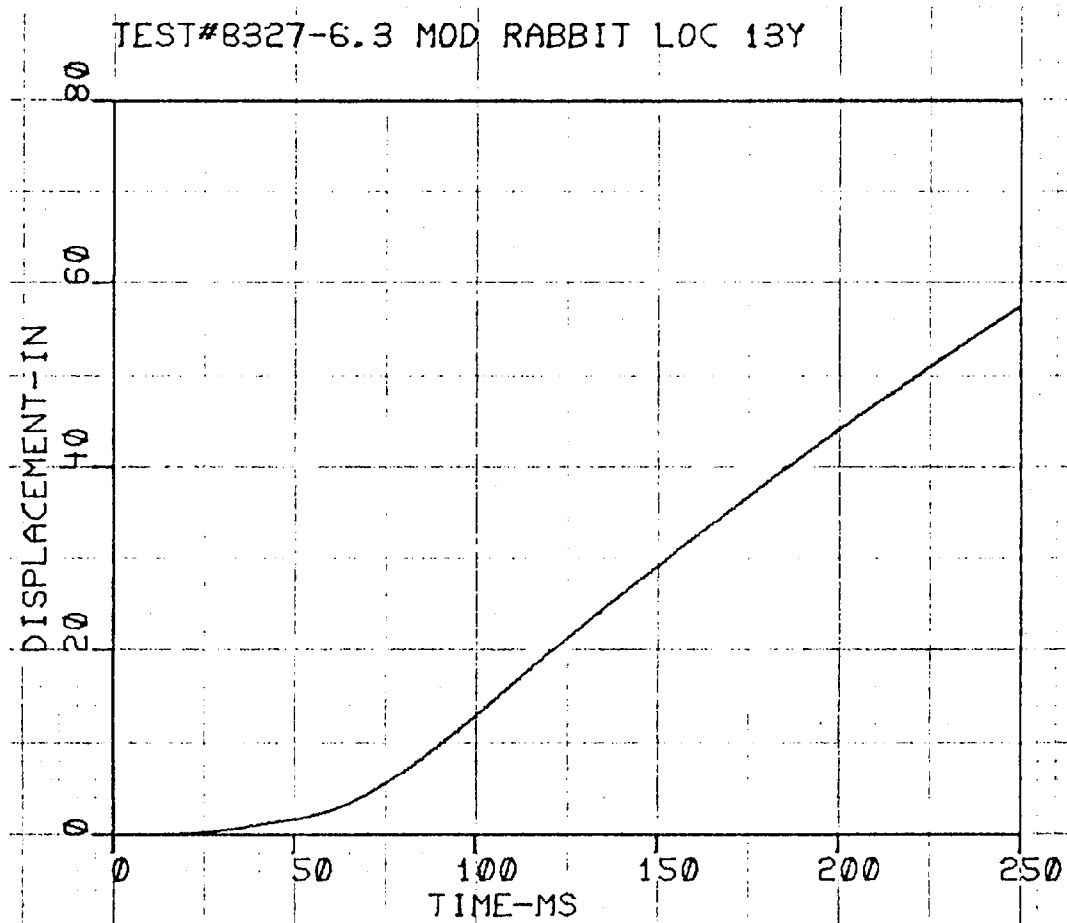


TEST#8327-6.3 VW MODRAB LOC 13Y

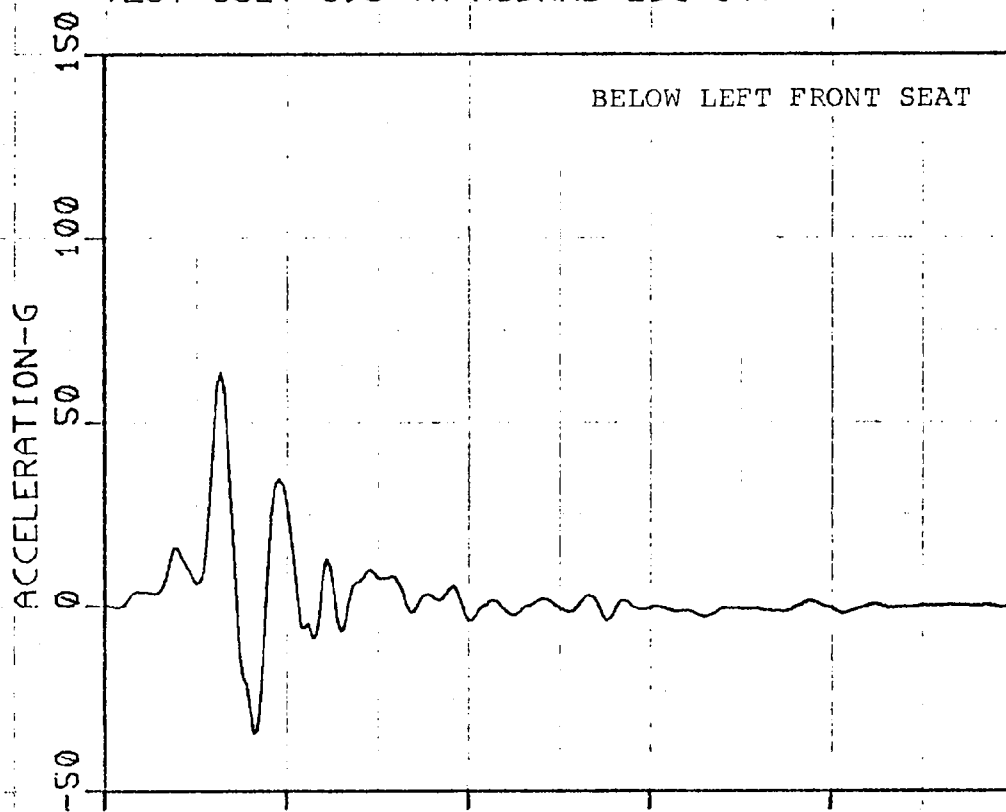


TEST#8327-6.3 MOD RABBIT LOC 13Y

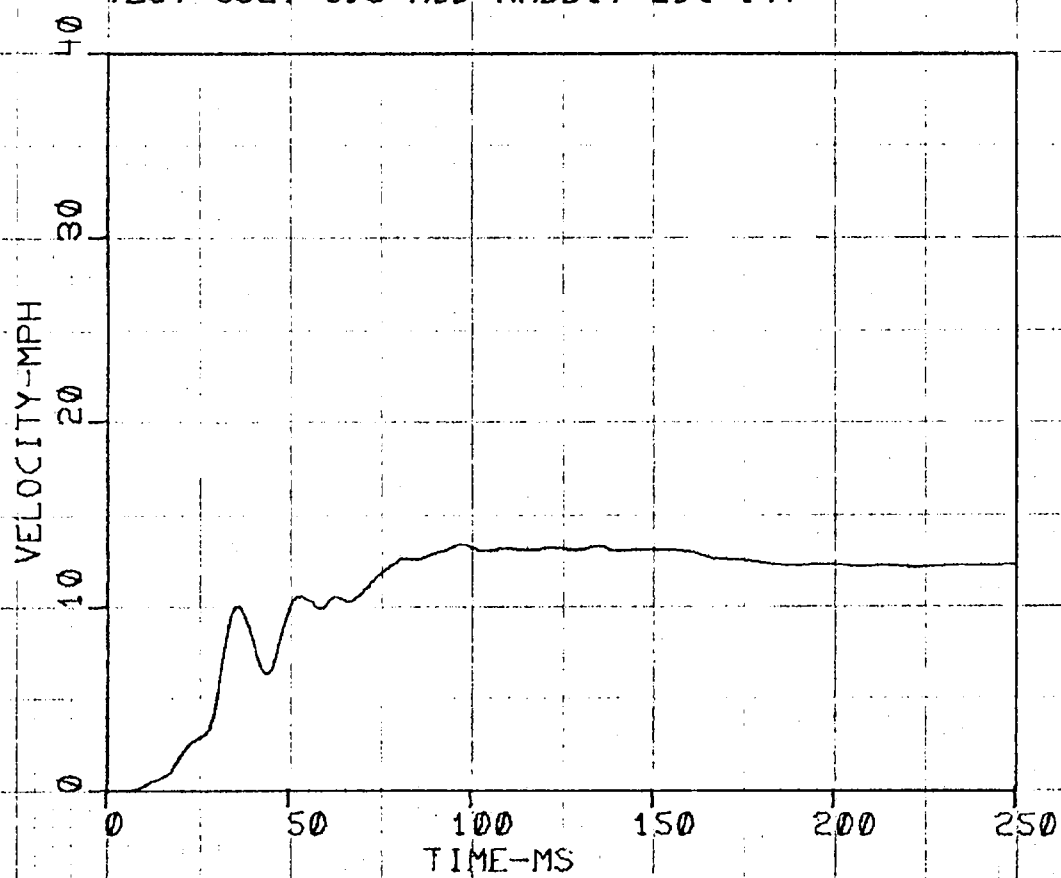


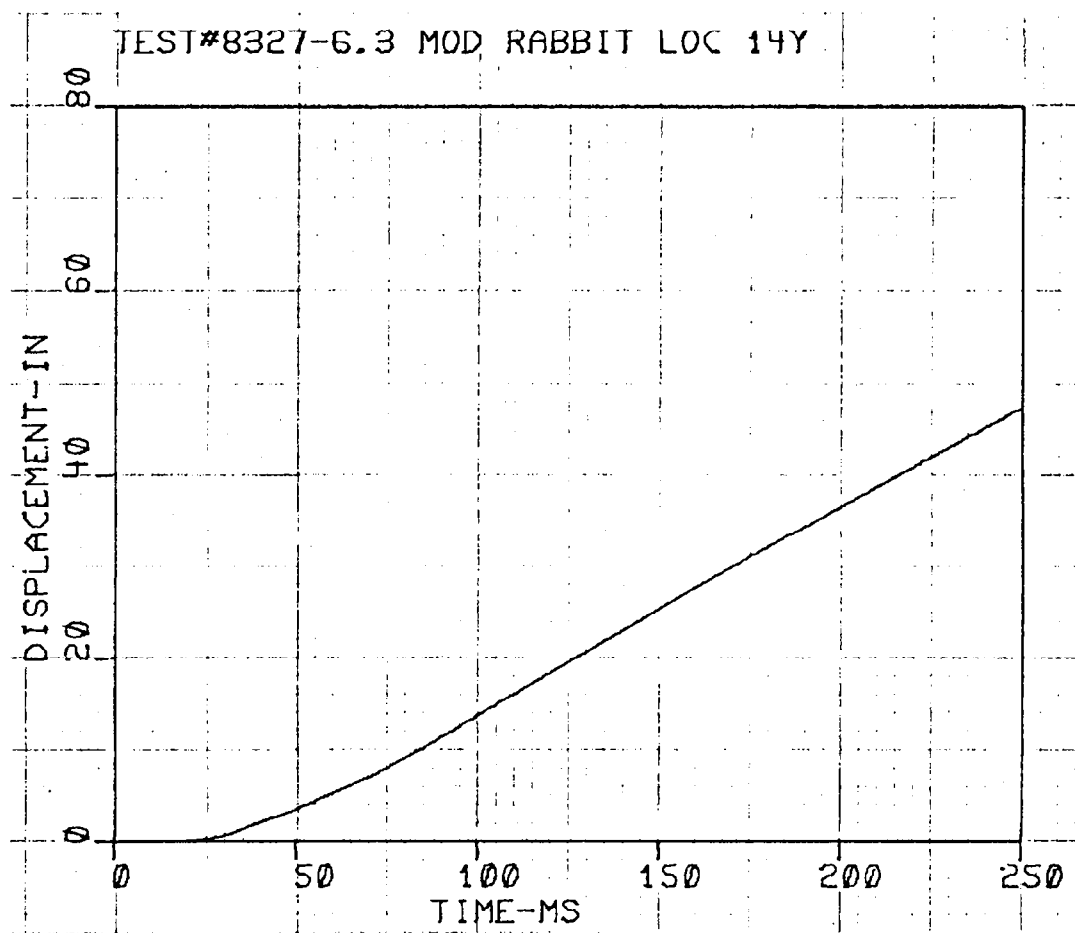


TEST#8327-6.3 VW MODRAB LOC 14Y

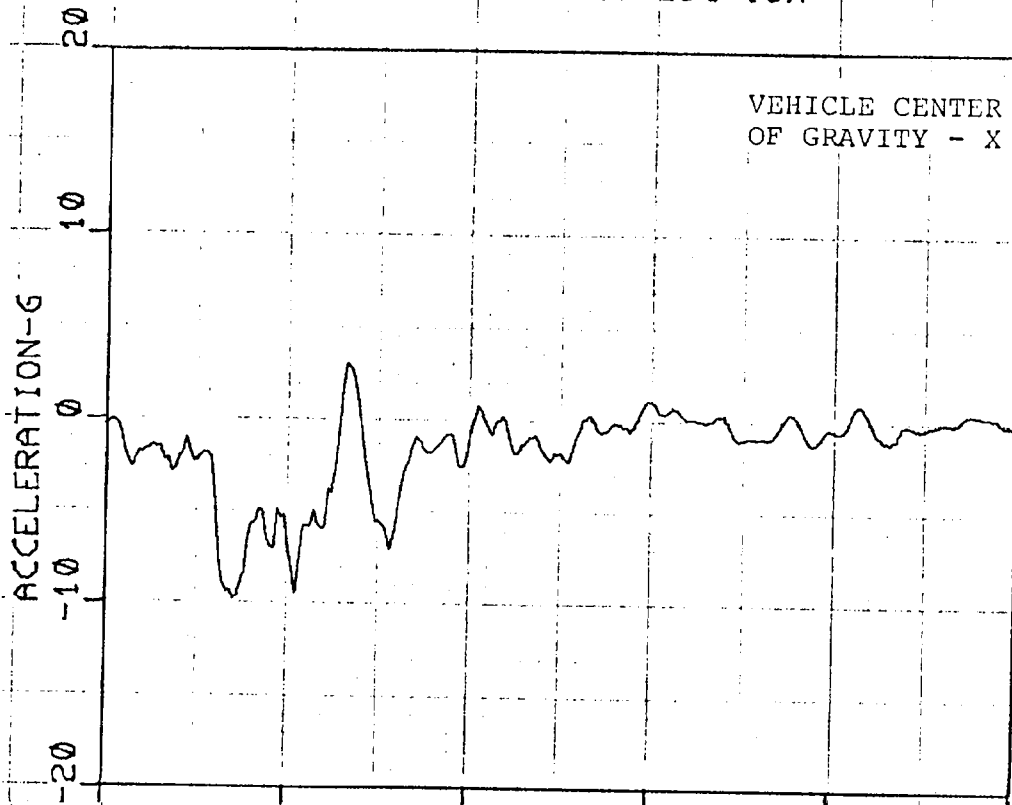


TEST#8327-6.3 MOD RABBIT LOC 14Y

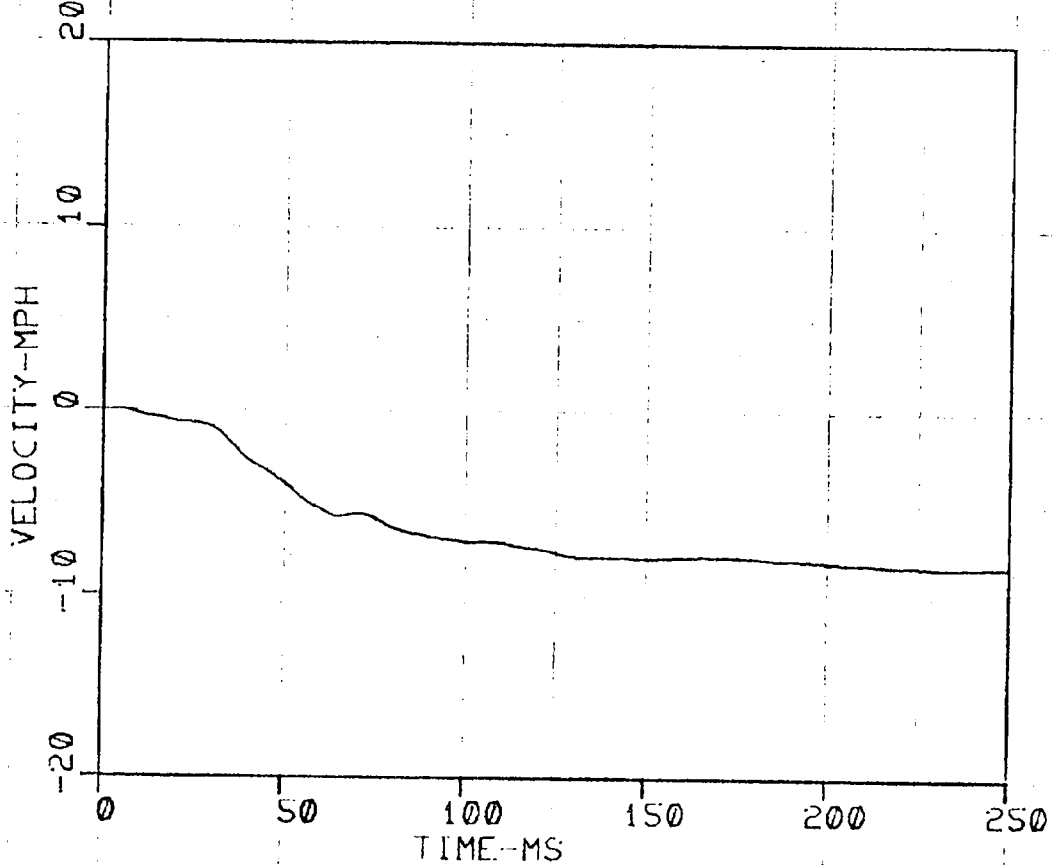


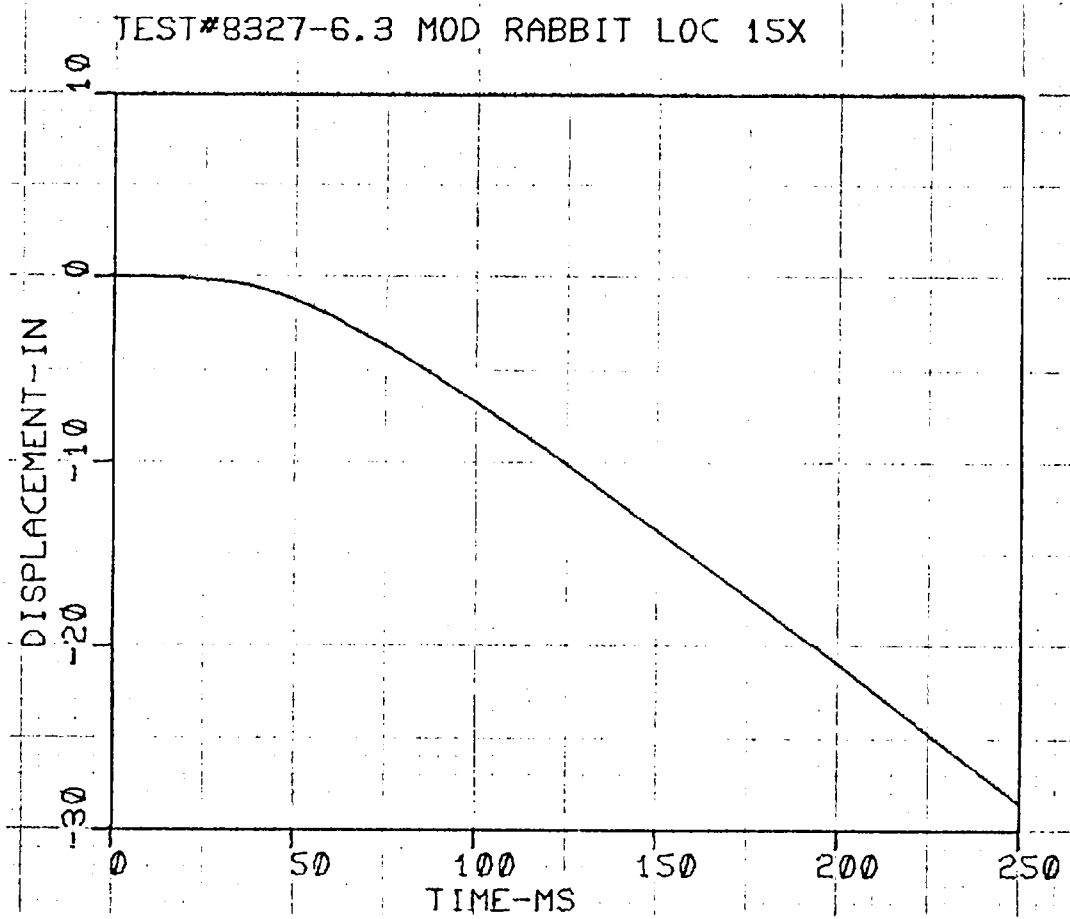


TEST#8327-6.3 MOD RABBIT LOC 15X

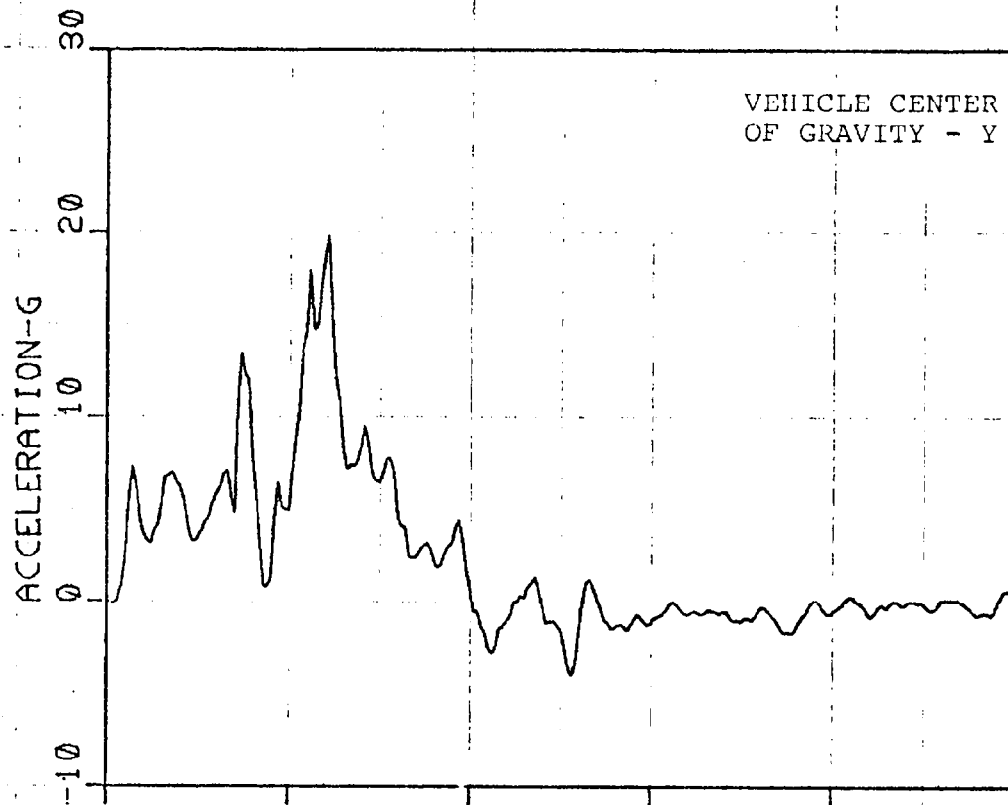


TEST#8327-6.3 VW MODRAB LOC 15X

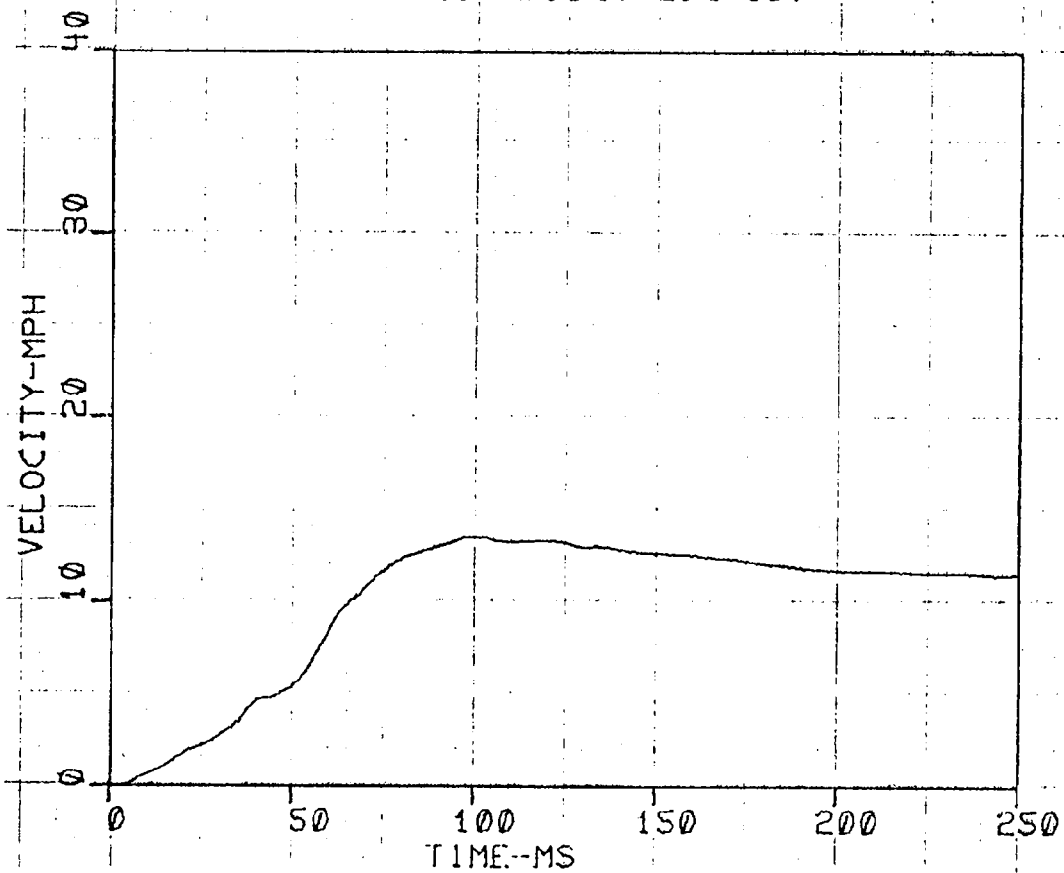


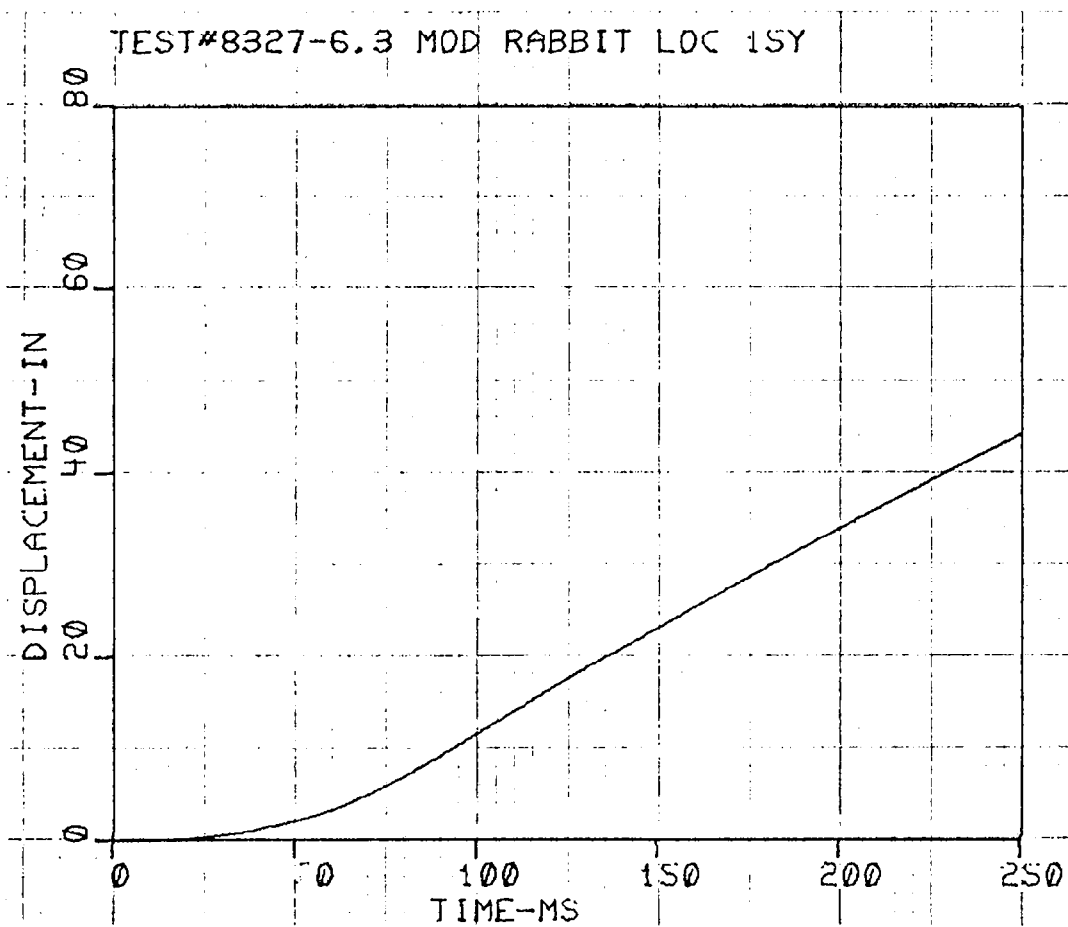


TEST#8327-6.3 VW MODRAB LOC 15Y

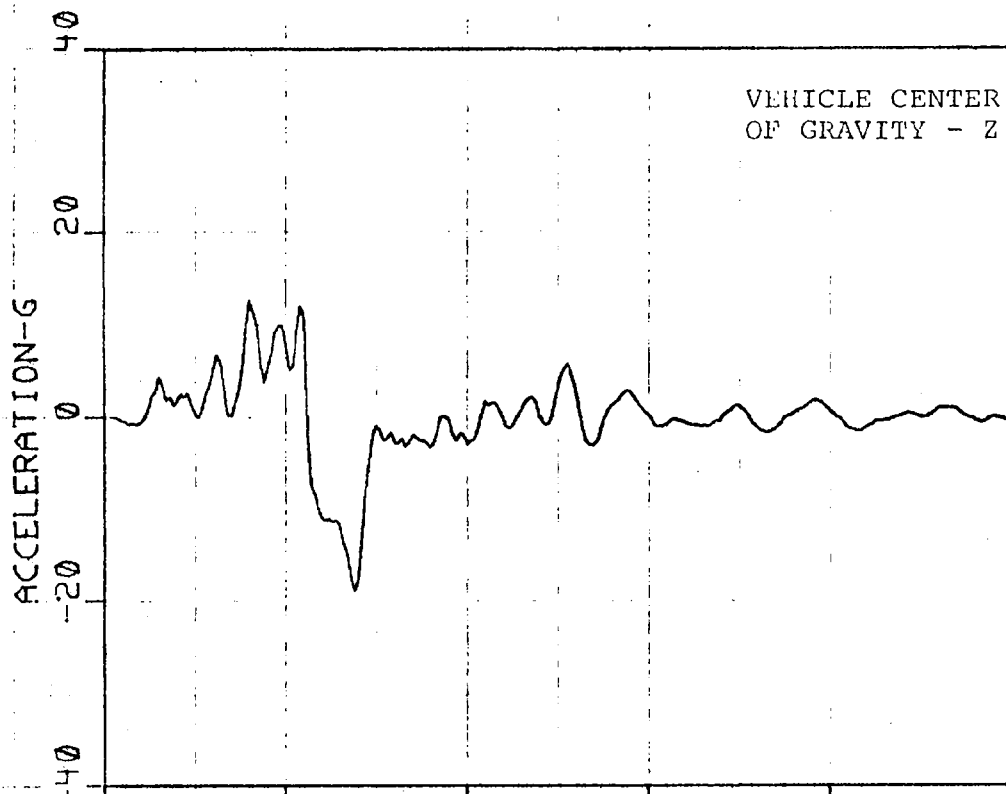


TEST#8327-6.3 MOD RABBIT LOC 15Y

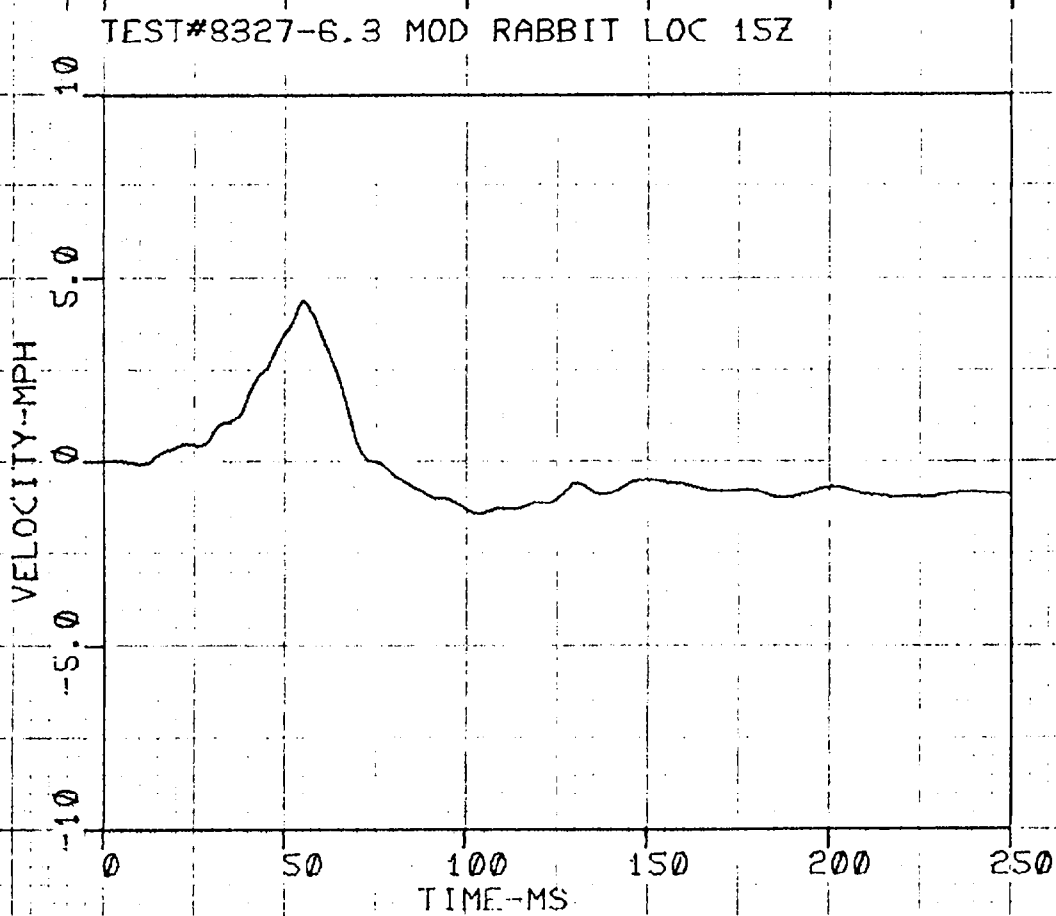


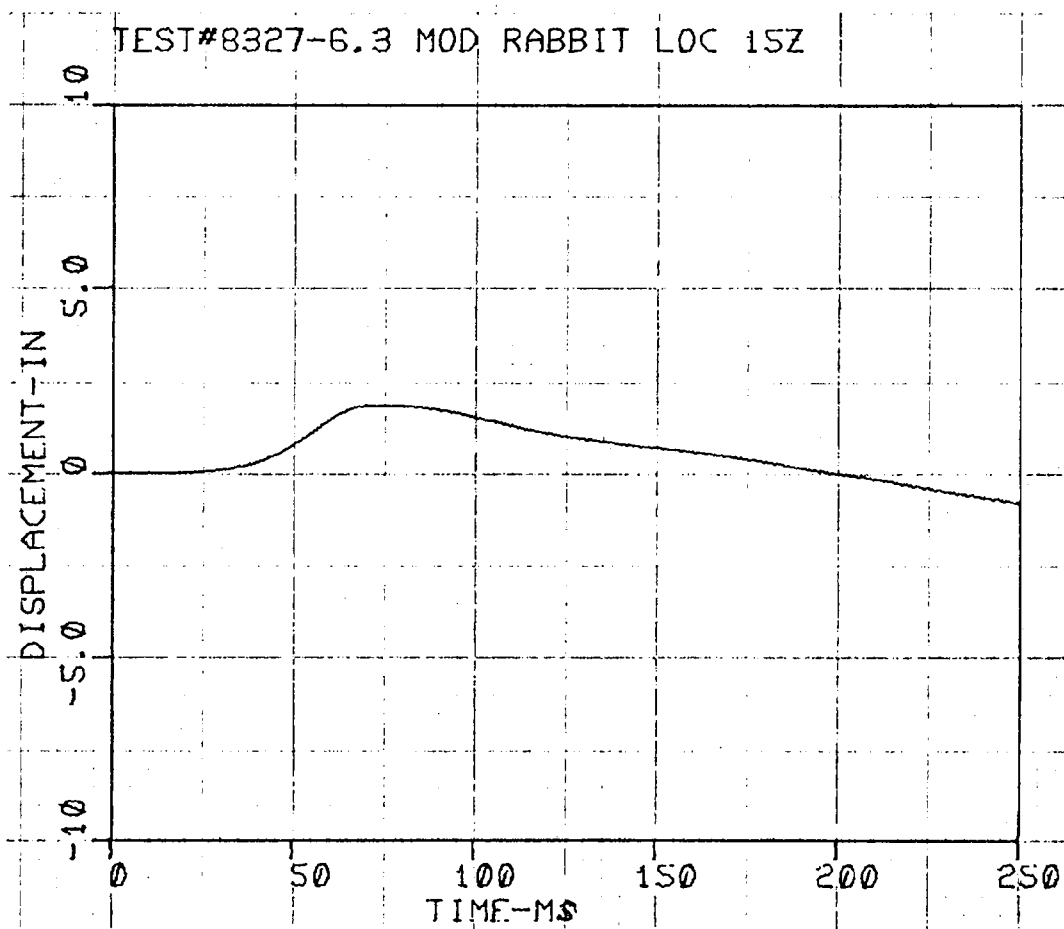


TEST#8327-6.3 VW MODRAB LOC 15Z

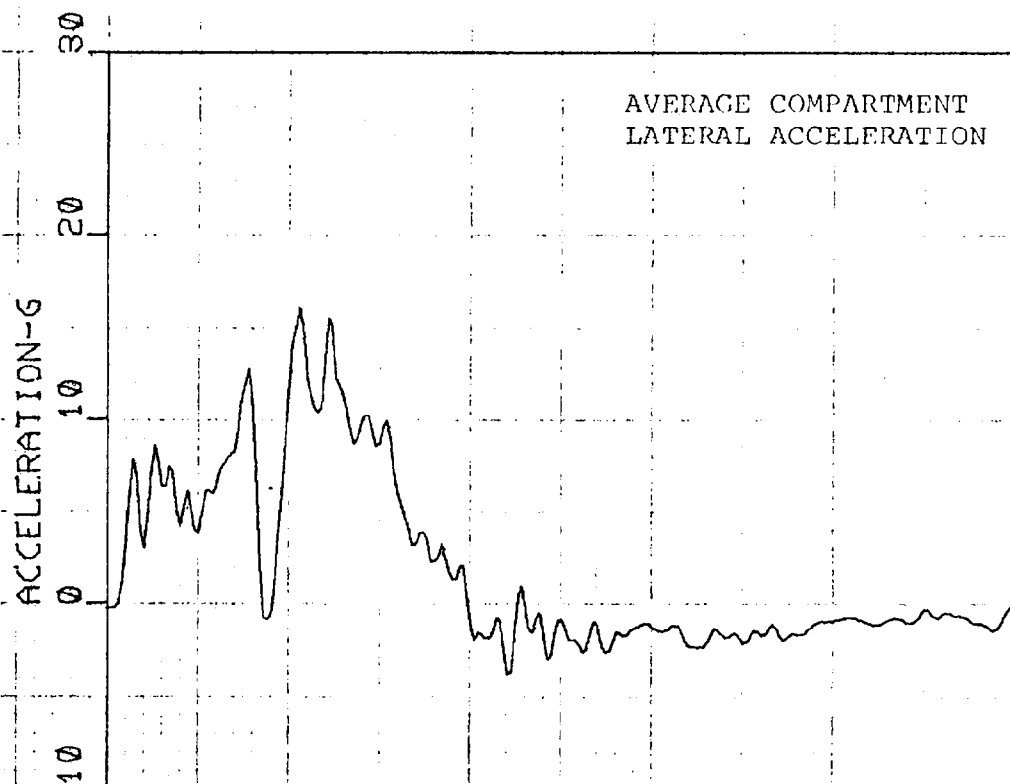


TEST#8327-6.3 MOD RABBIT LOC 15Z

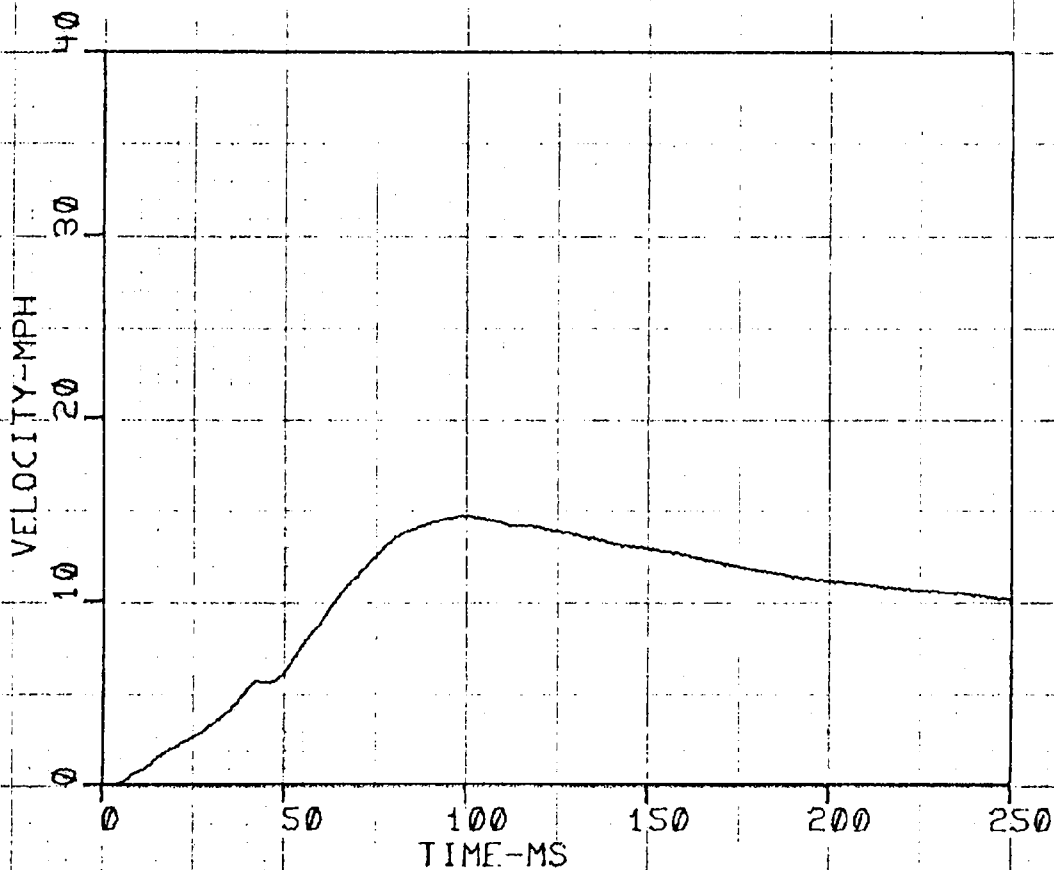




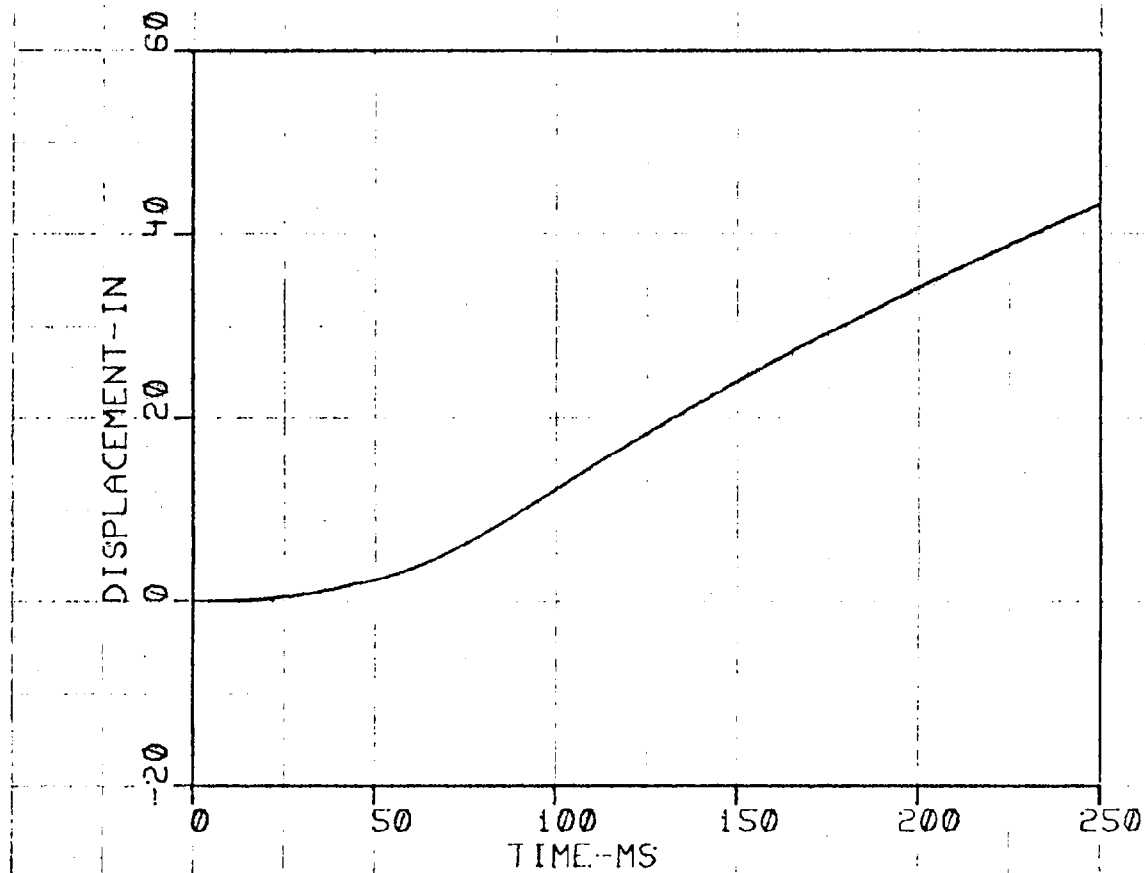
TEST#8327-6.3 MOD RABBIT AVG.LOC.1&2Y



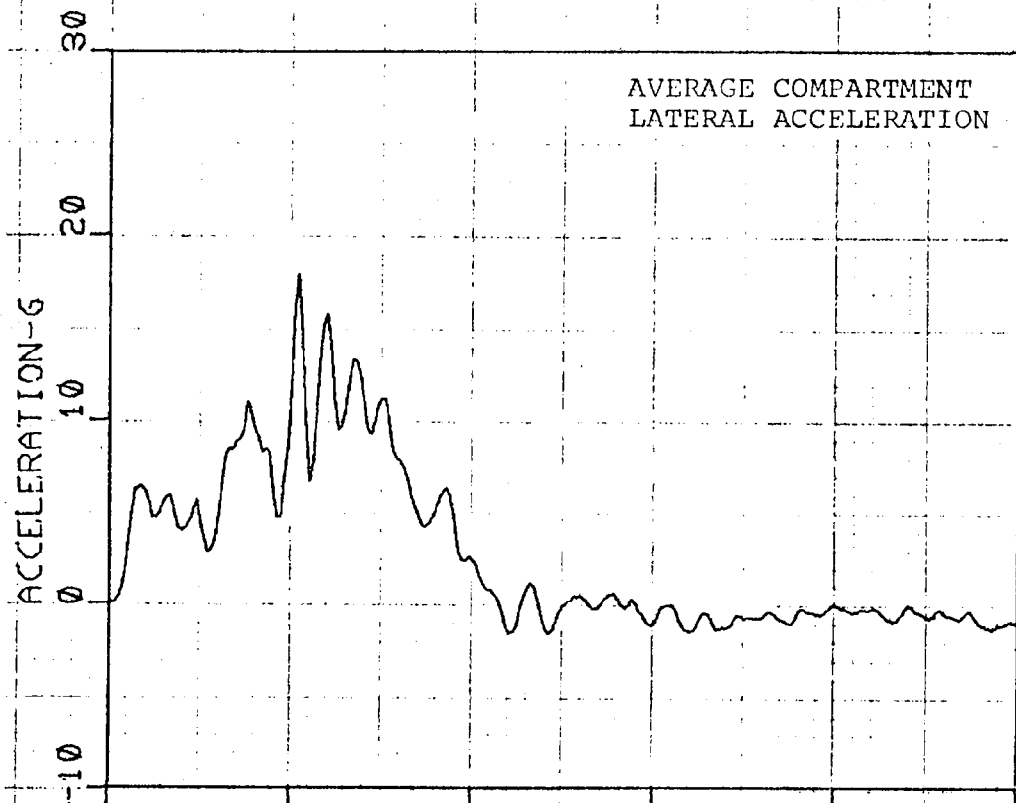
TEST#8327-6.3 MOD RABBIT AVG.LOC.1&2Y



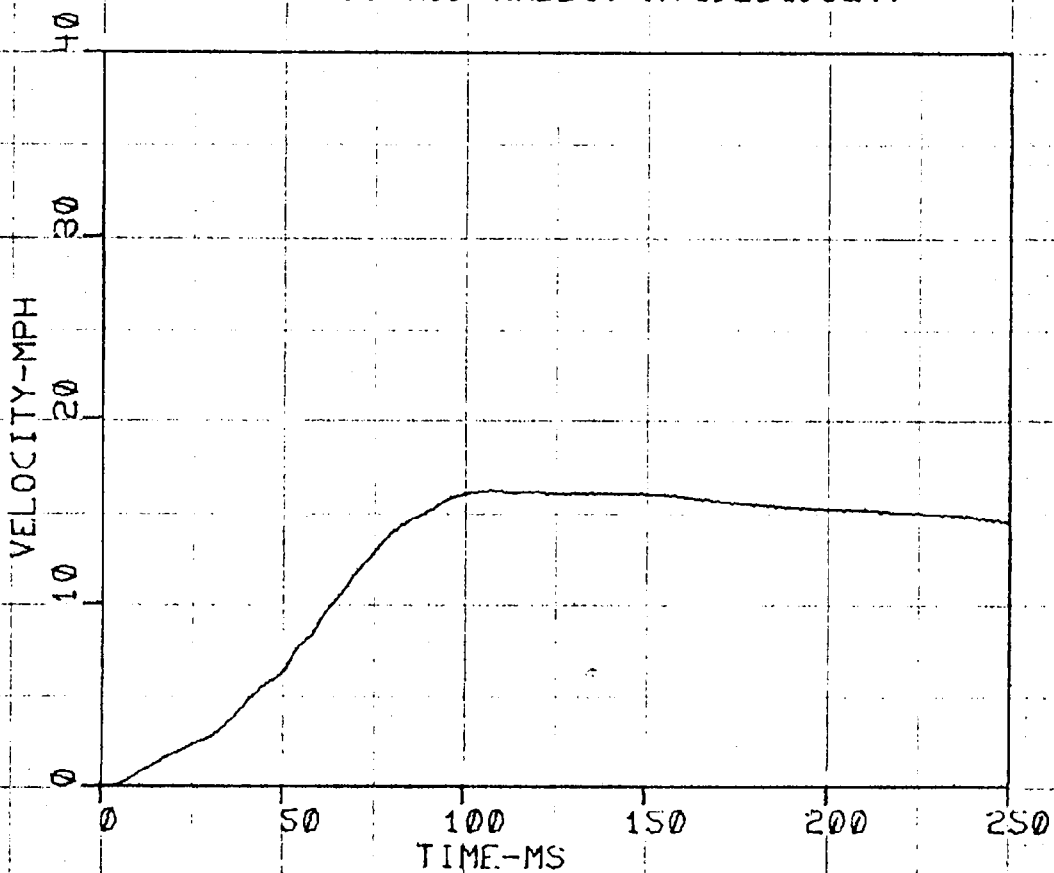
TEST#8327-6.3 VW MODRAB AVG.LOC.1&2Y

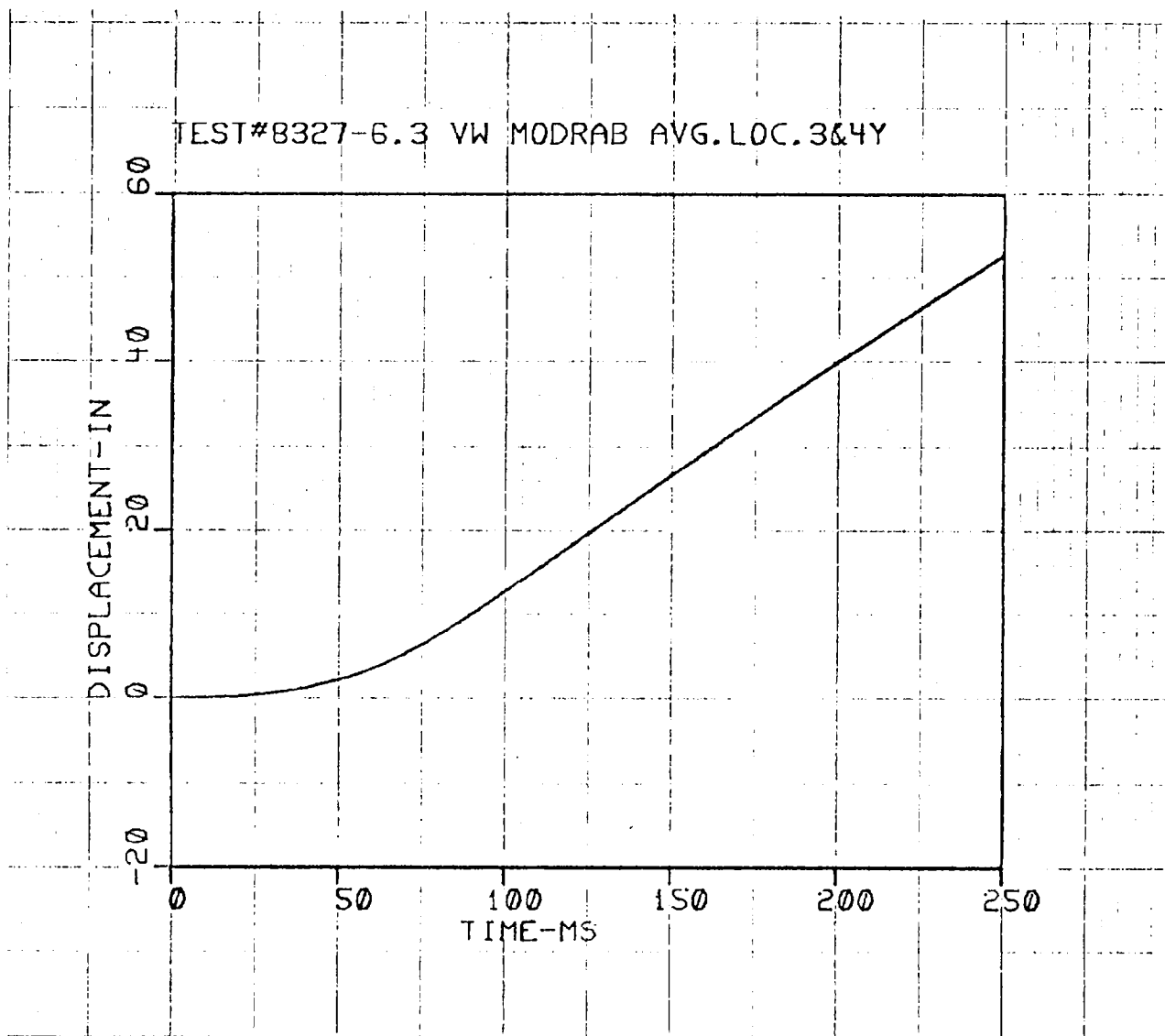


TEST#8327-6.3 MOD RABBIT AVG.LOC.3&4Y

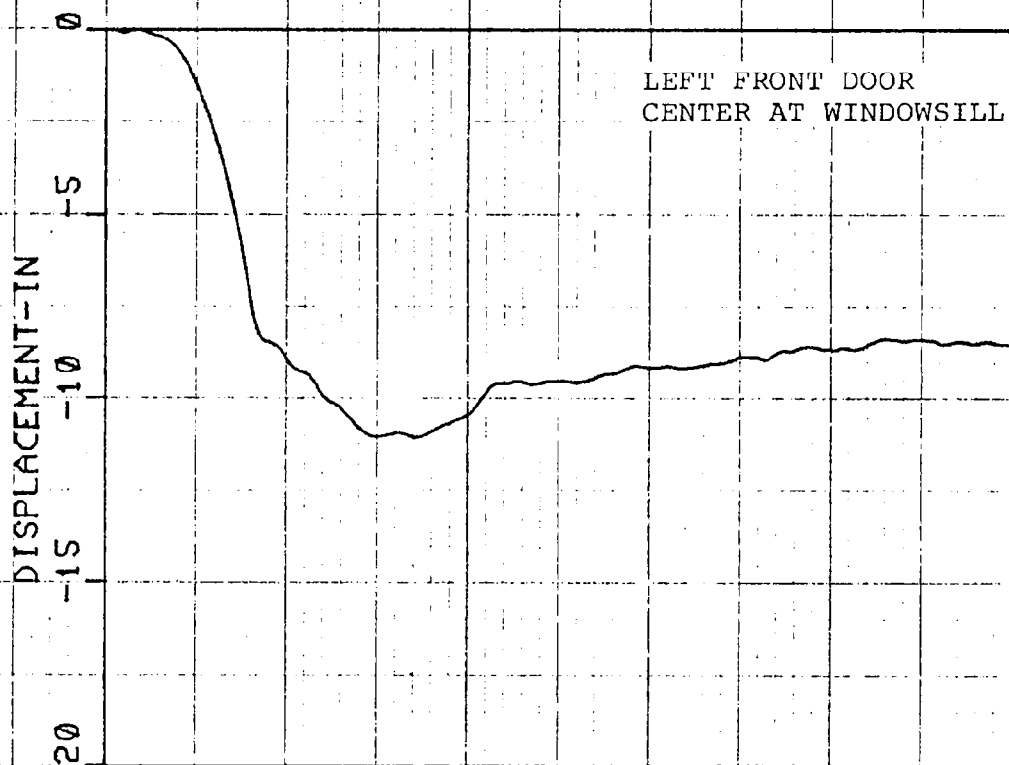


TEST#8327-6.3 MOD RABBIT AVG.LOC.3&4Y

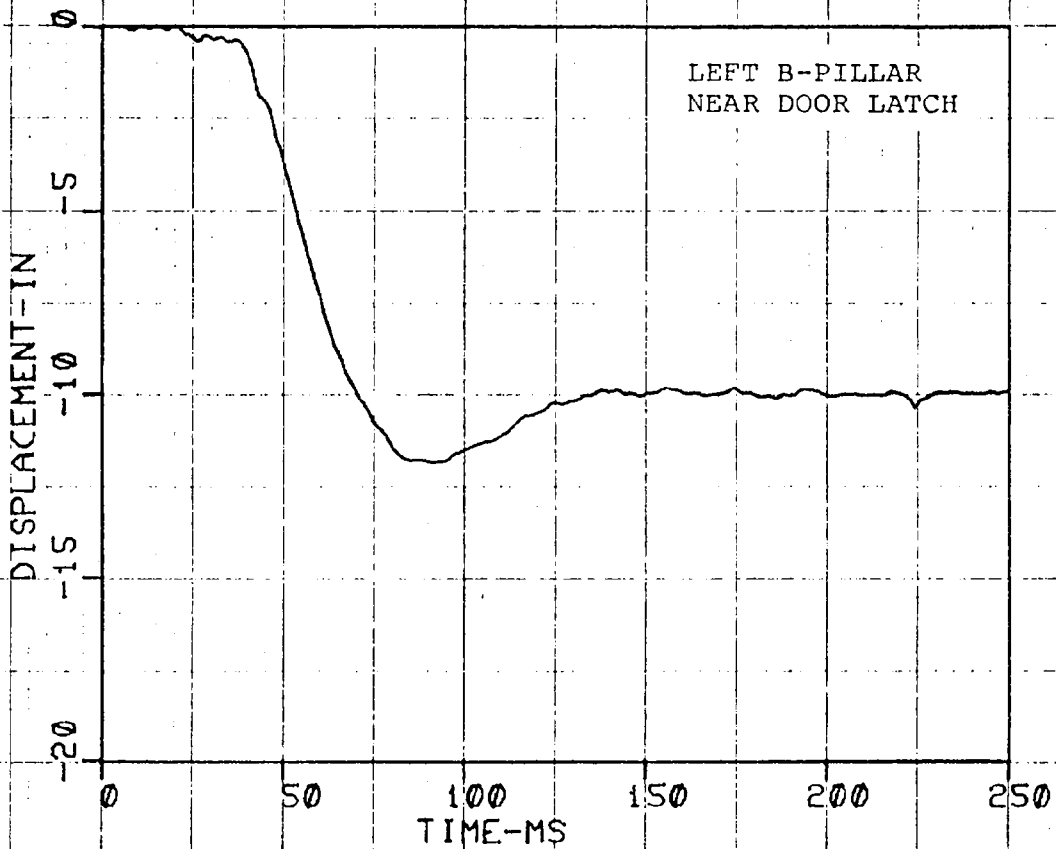




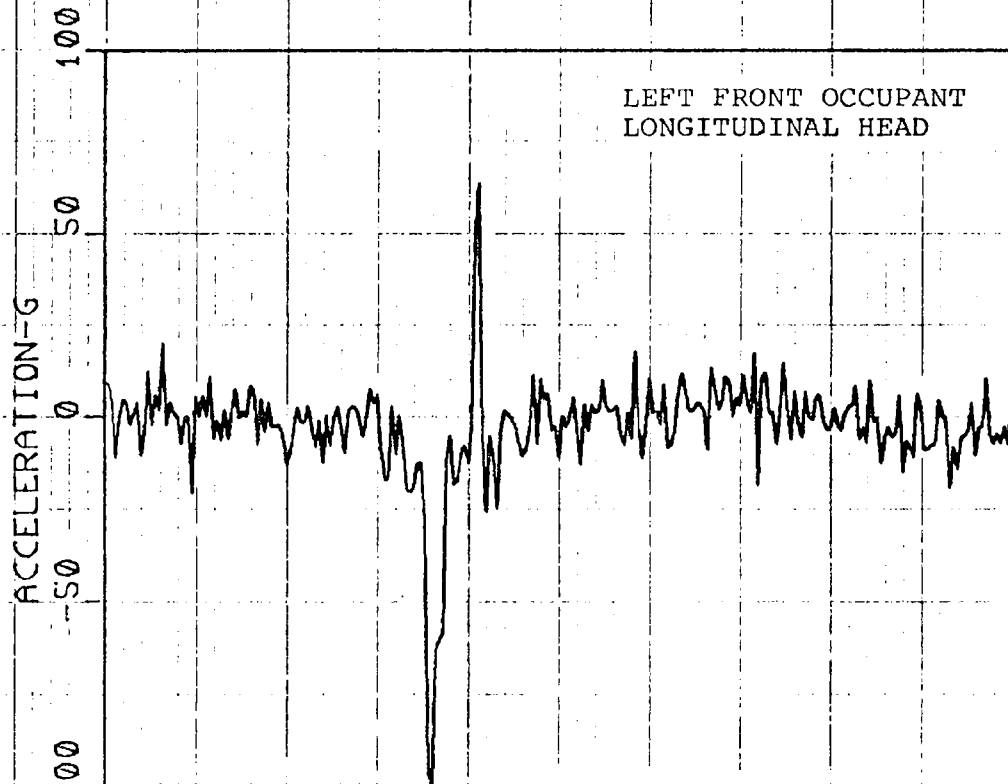
TEST#8327-6.3 VW MODRAB S.P.#1



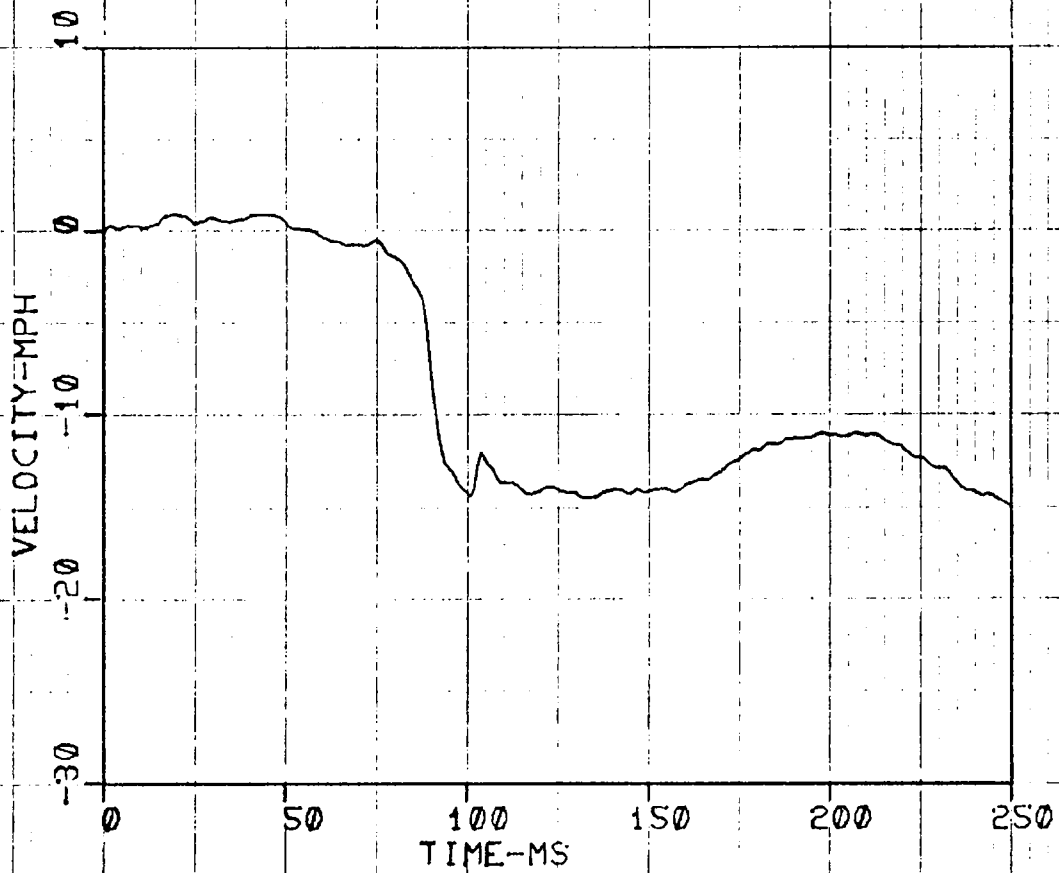
TEST#8327-6.3 VW MODRAB D.T.#2

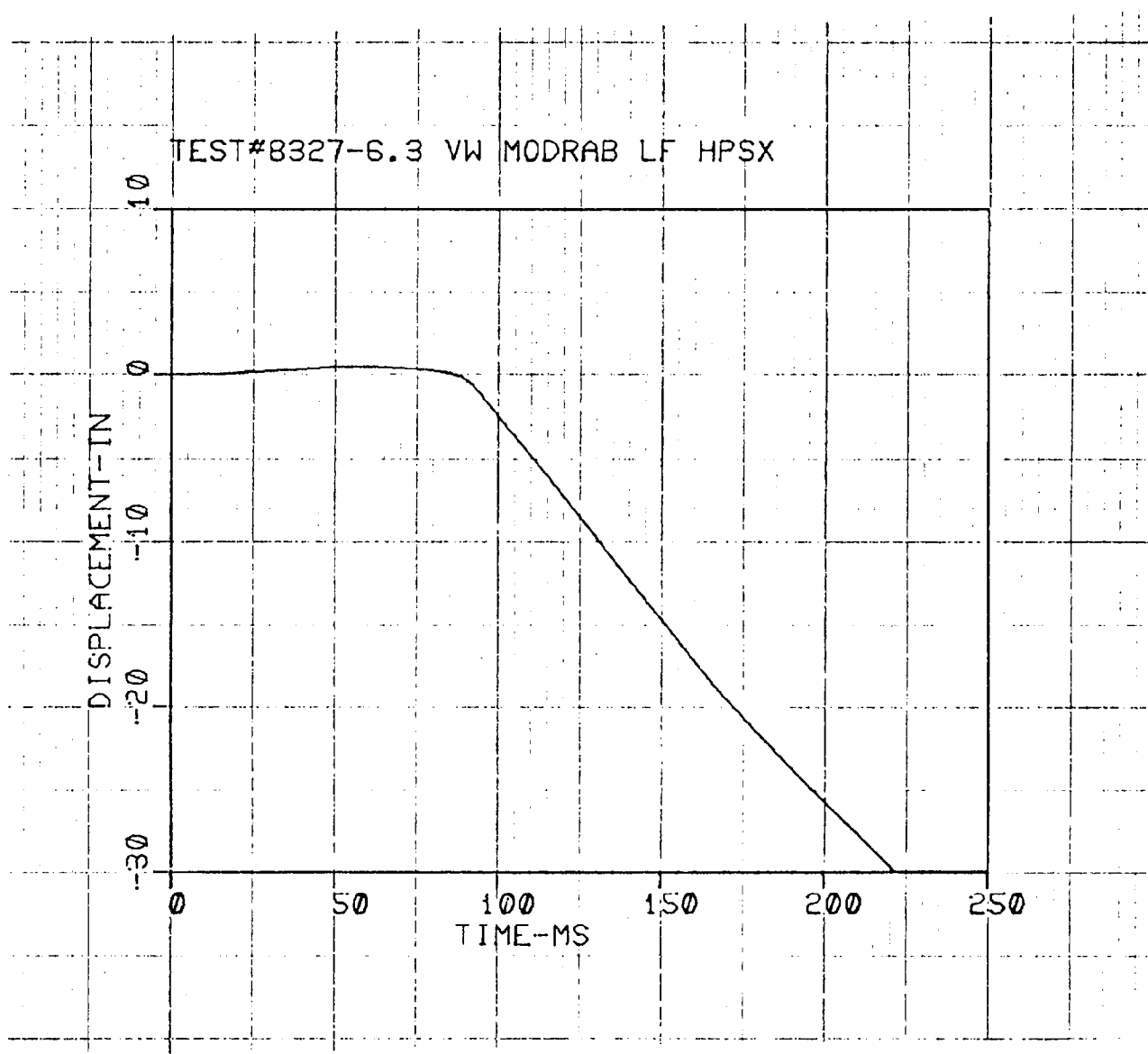


TEST#8327-6.3 VW MODRAB LF HPGX

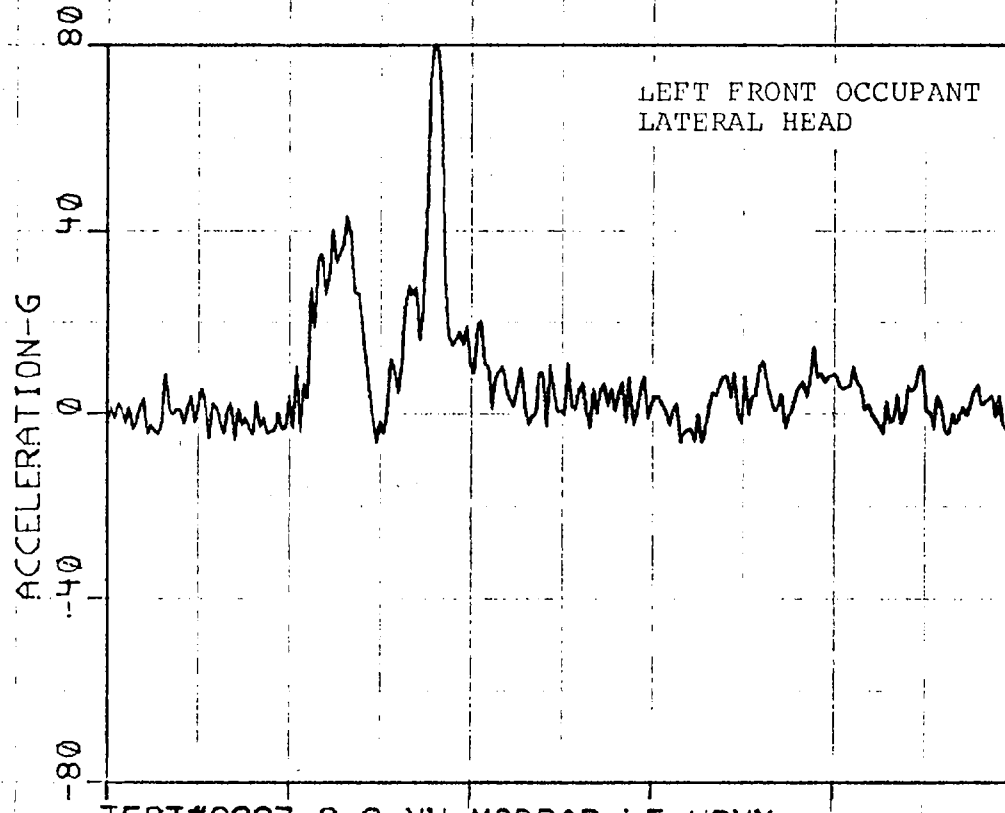


TEST#8327-6.3 VW MODRAB LF HPVX

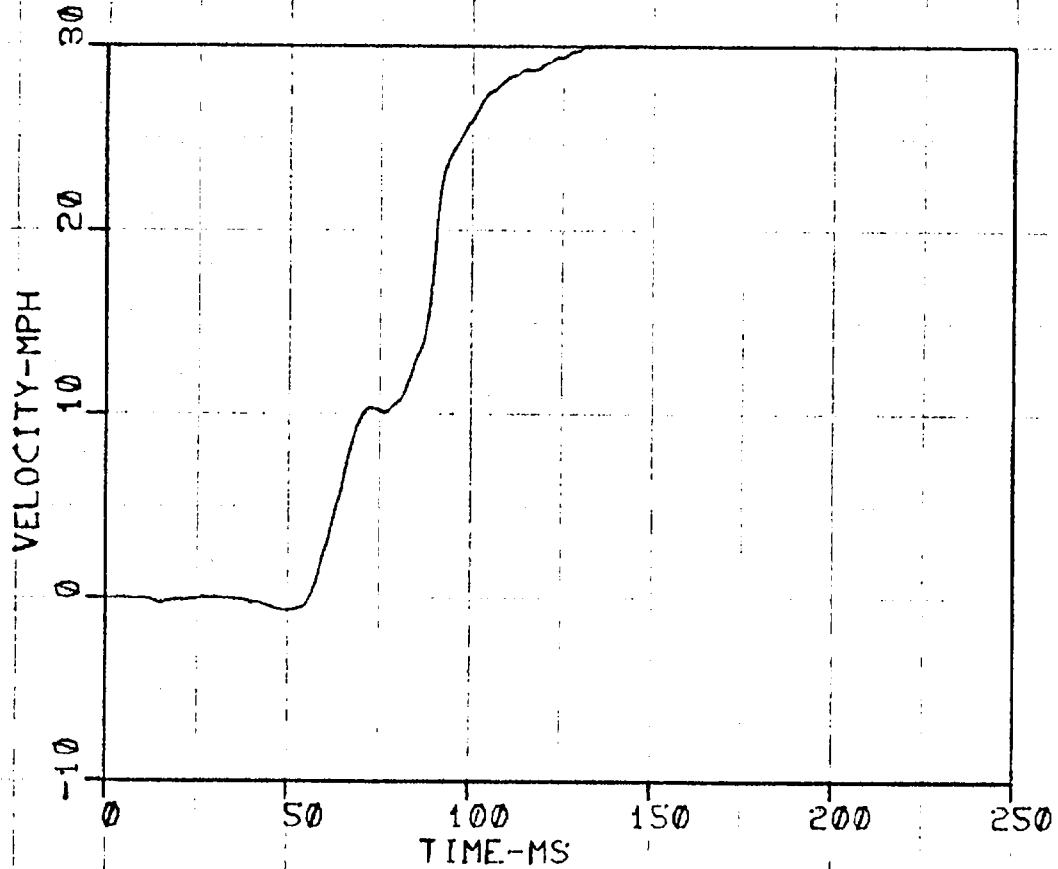


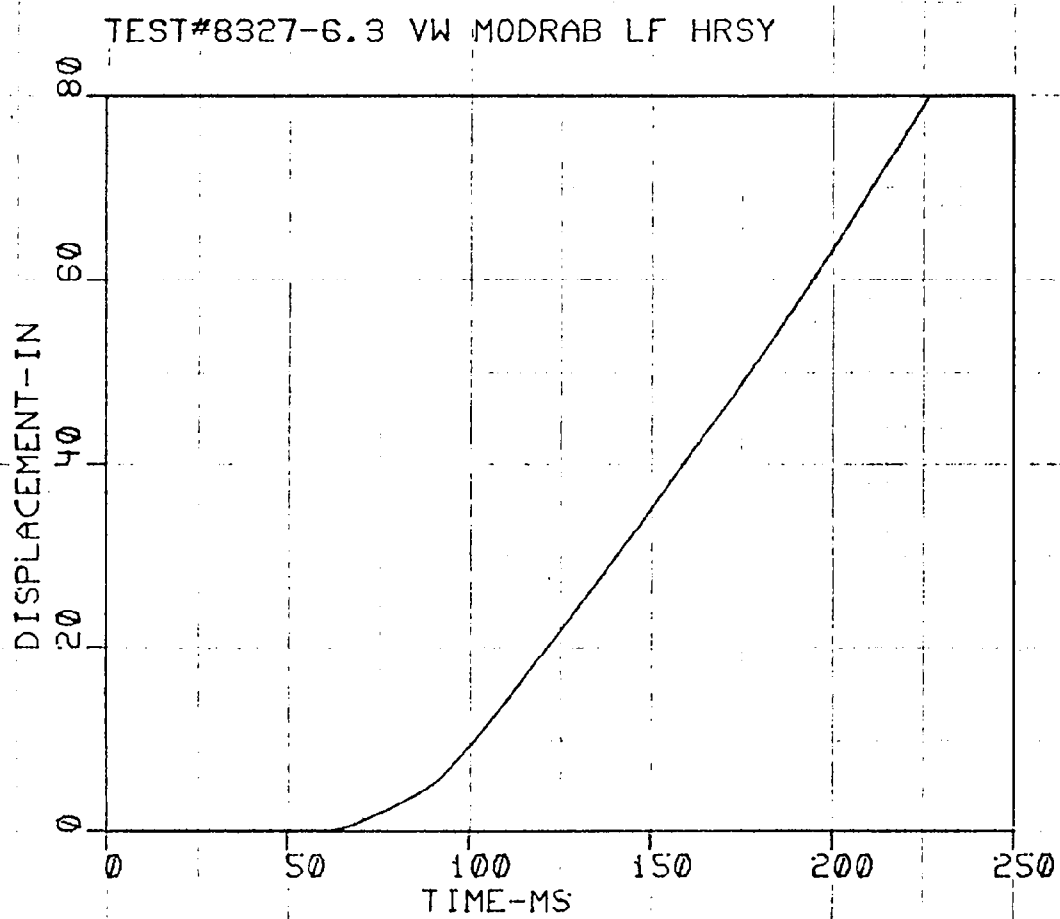


TEST#8327-6.3 VW MODRAB LF HRGY

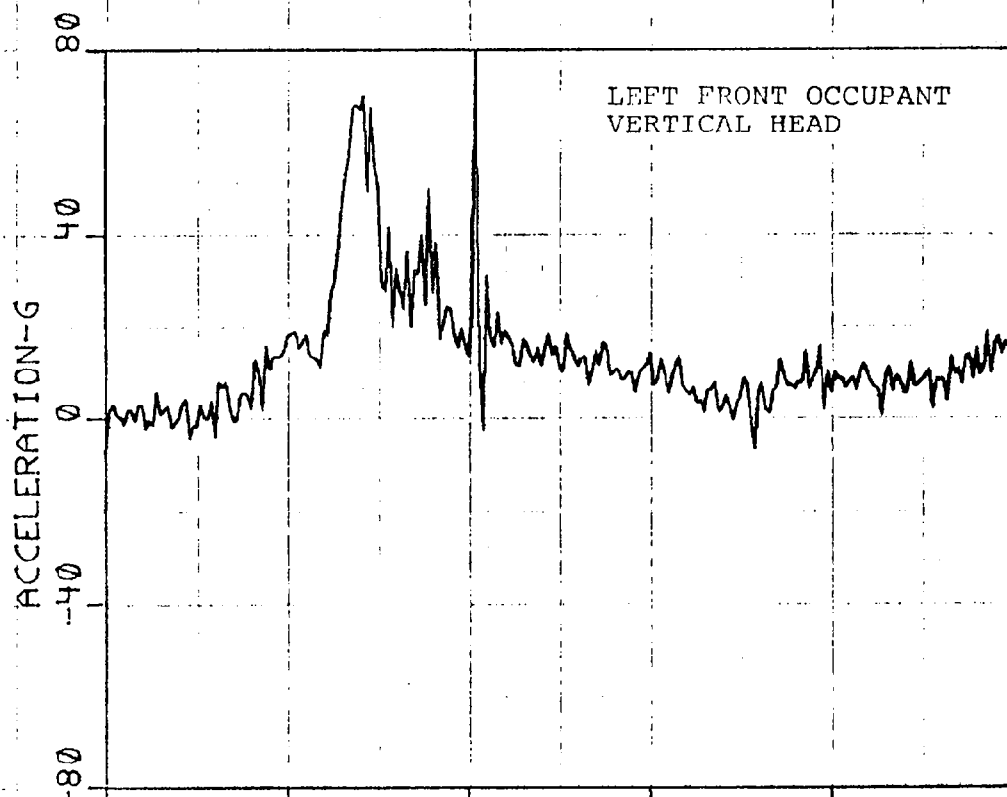


TEST#8327-6.3 VW MODRAB LF HRVY

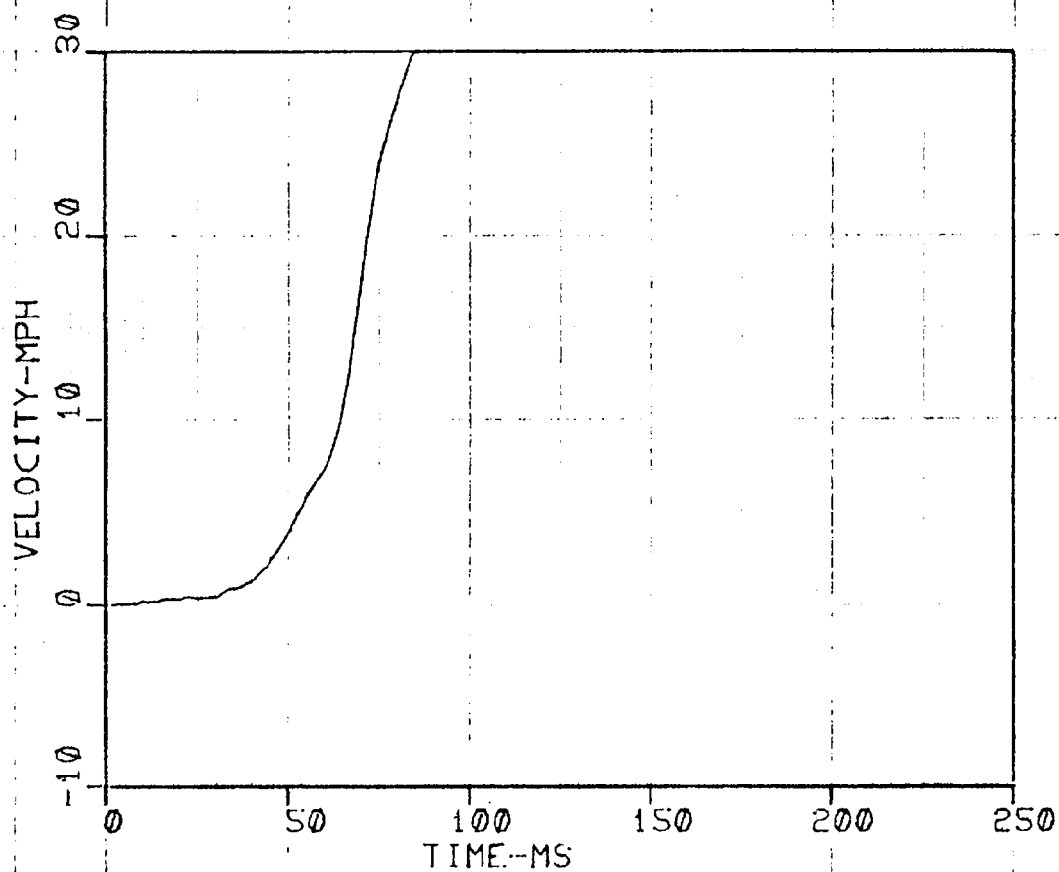




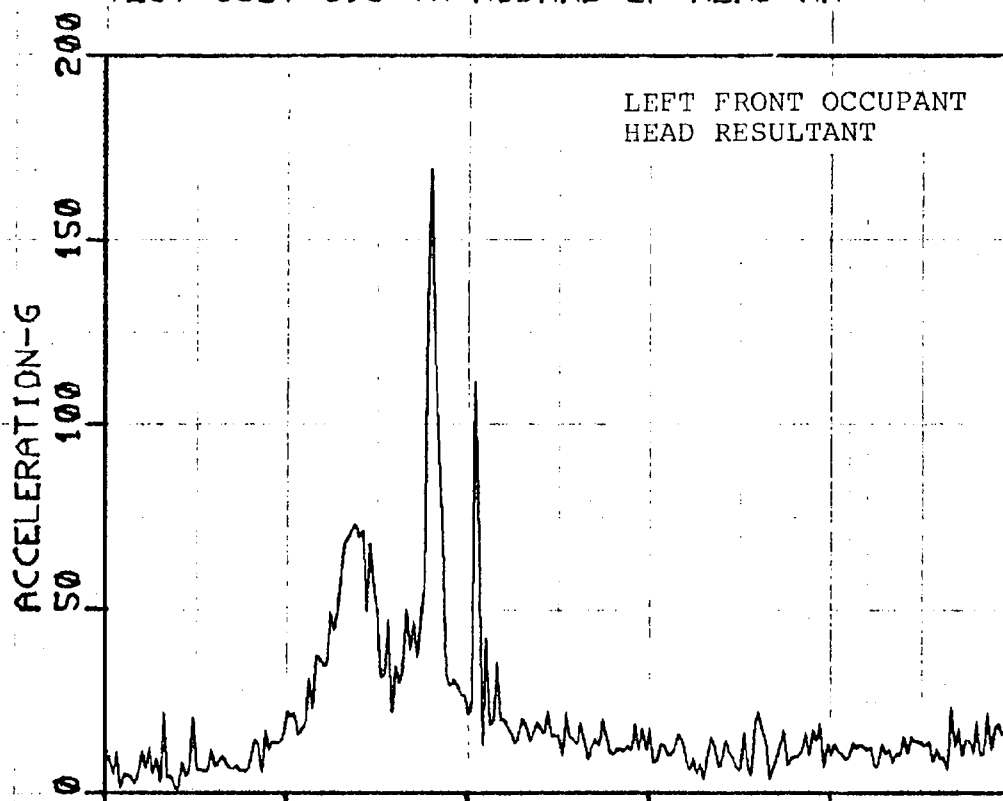
TEST#8327-6.3 VW MODRAB LF HIGZ



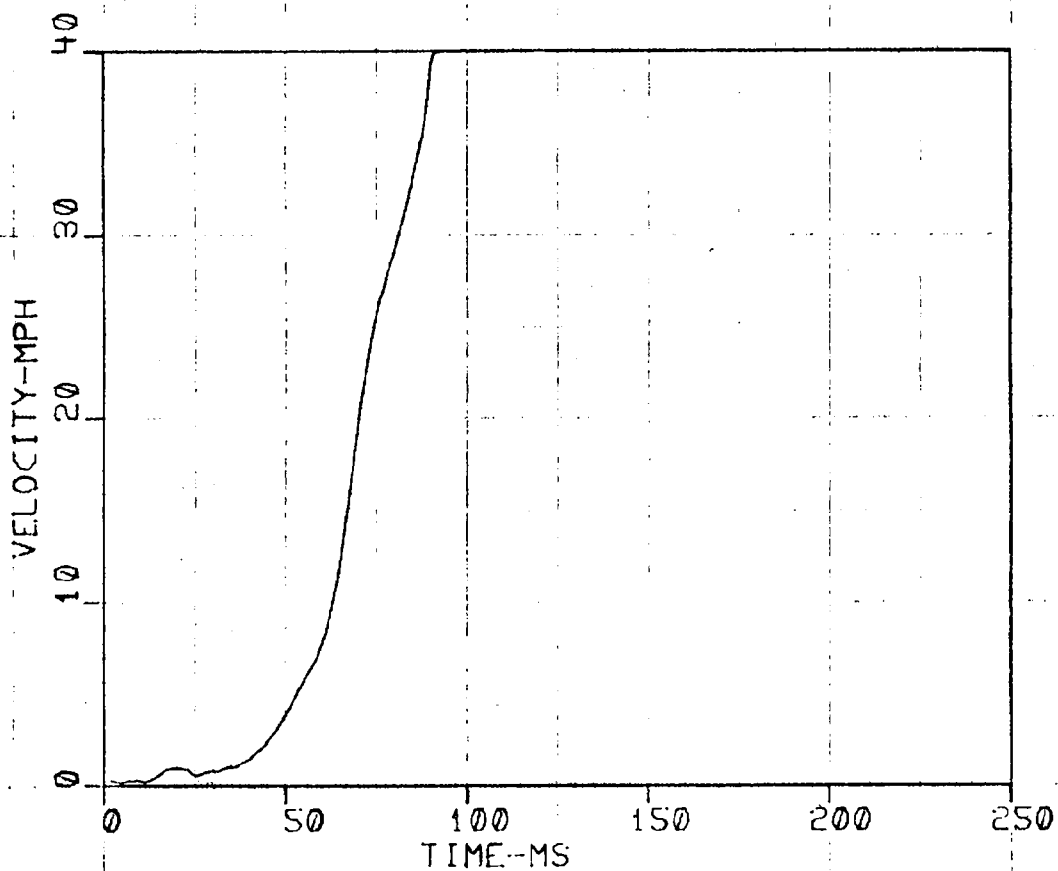
TEST#8327-6.3 VW MODRAB LF HIVZ



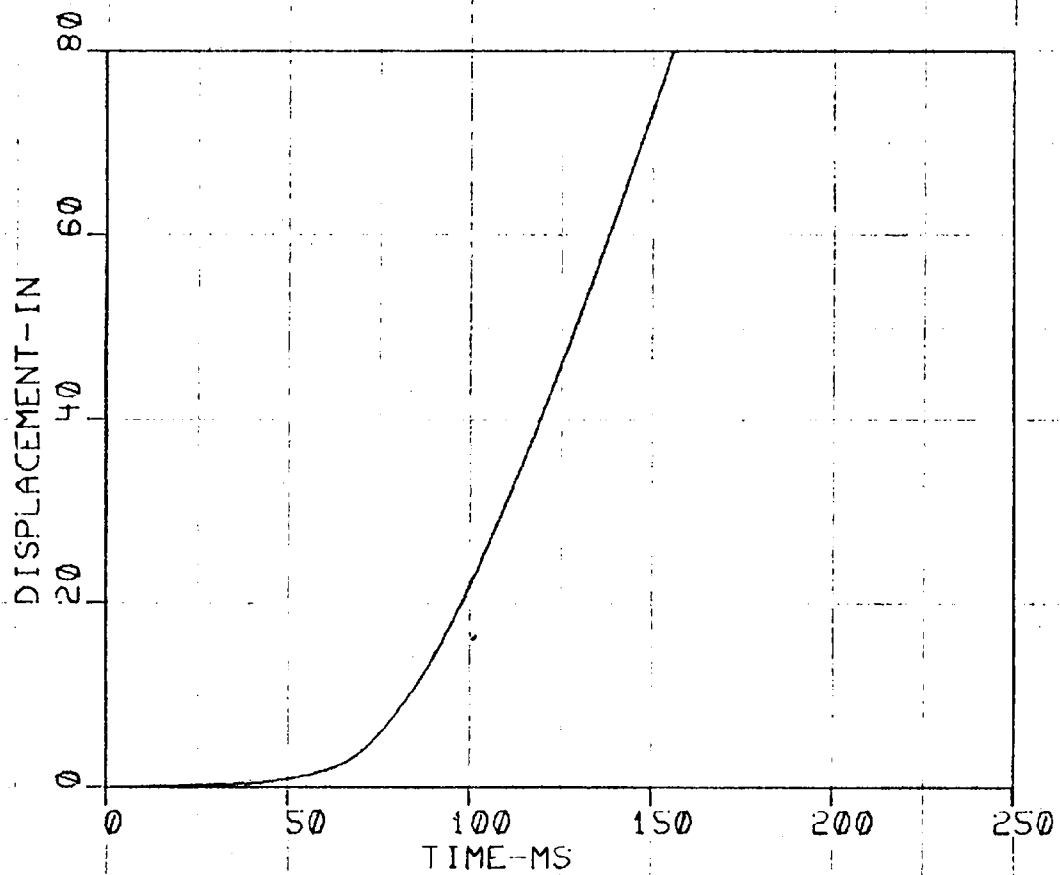
TEST#8327-6.3 VW MODRAB LF HEAD AR



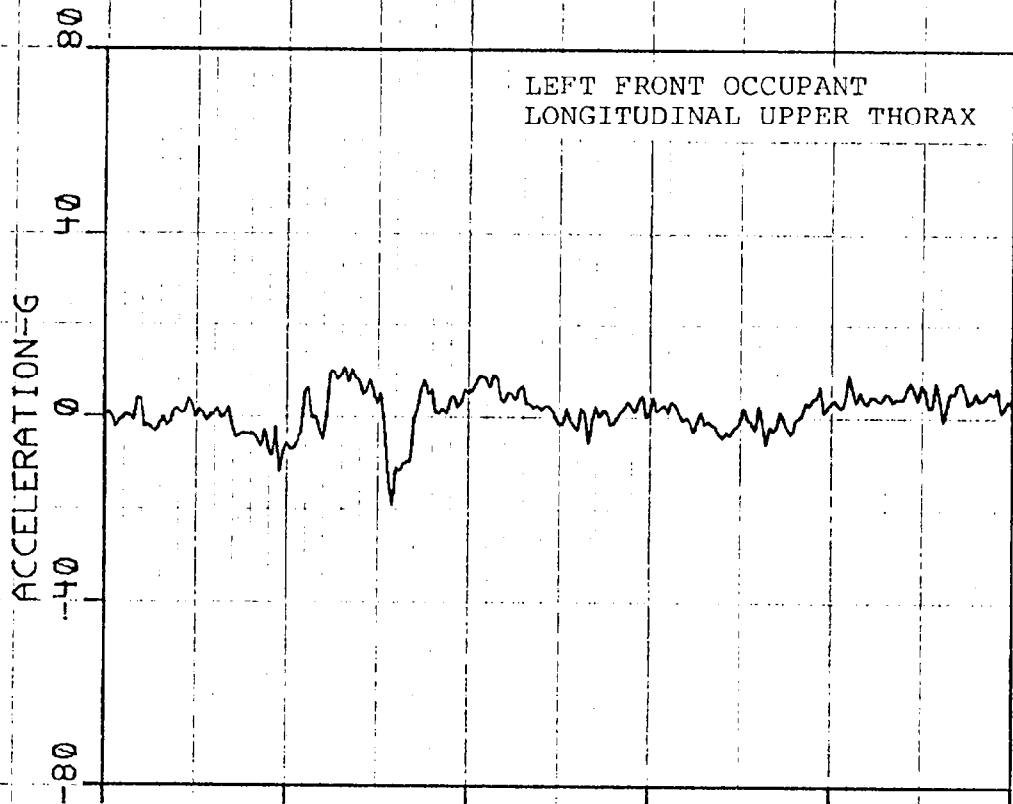
TEST#8327-6.3 VW MODRAB LF HEAD VR



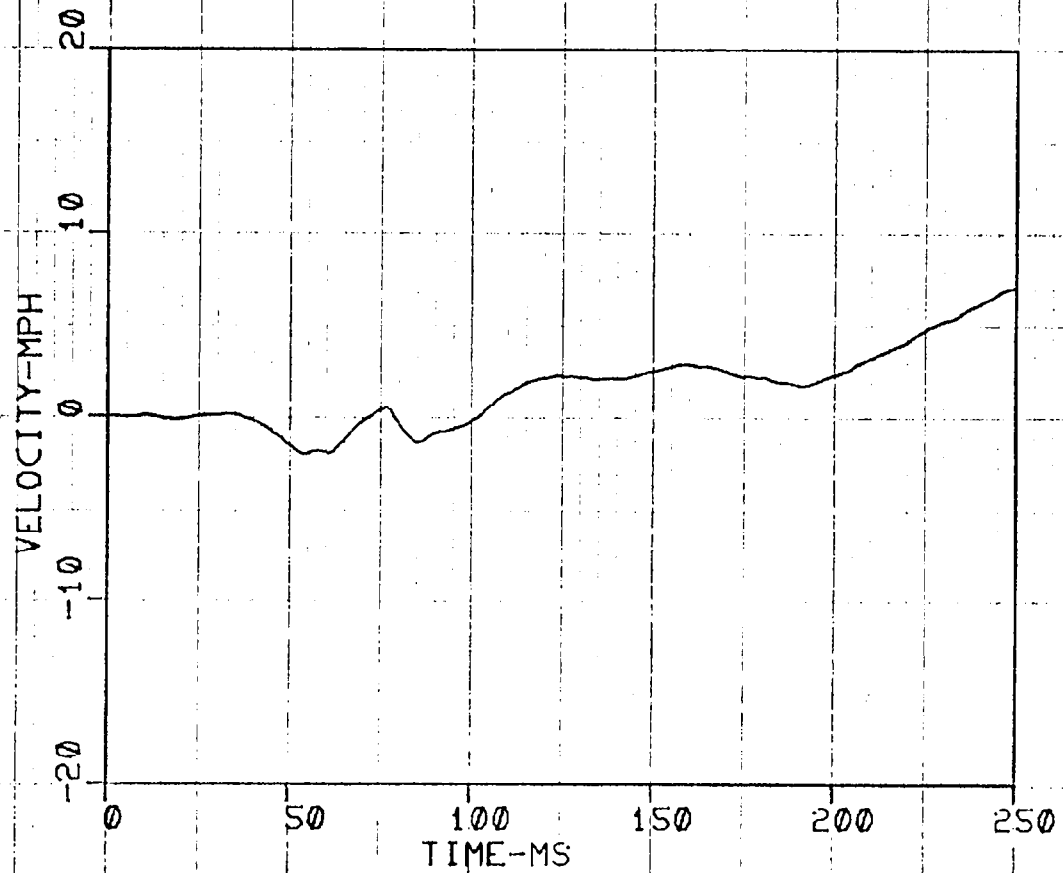
TEST#8327-6.3 VW MODRAB LF HEAD SR

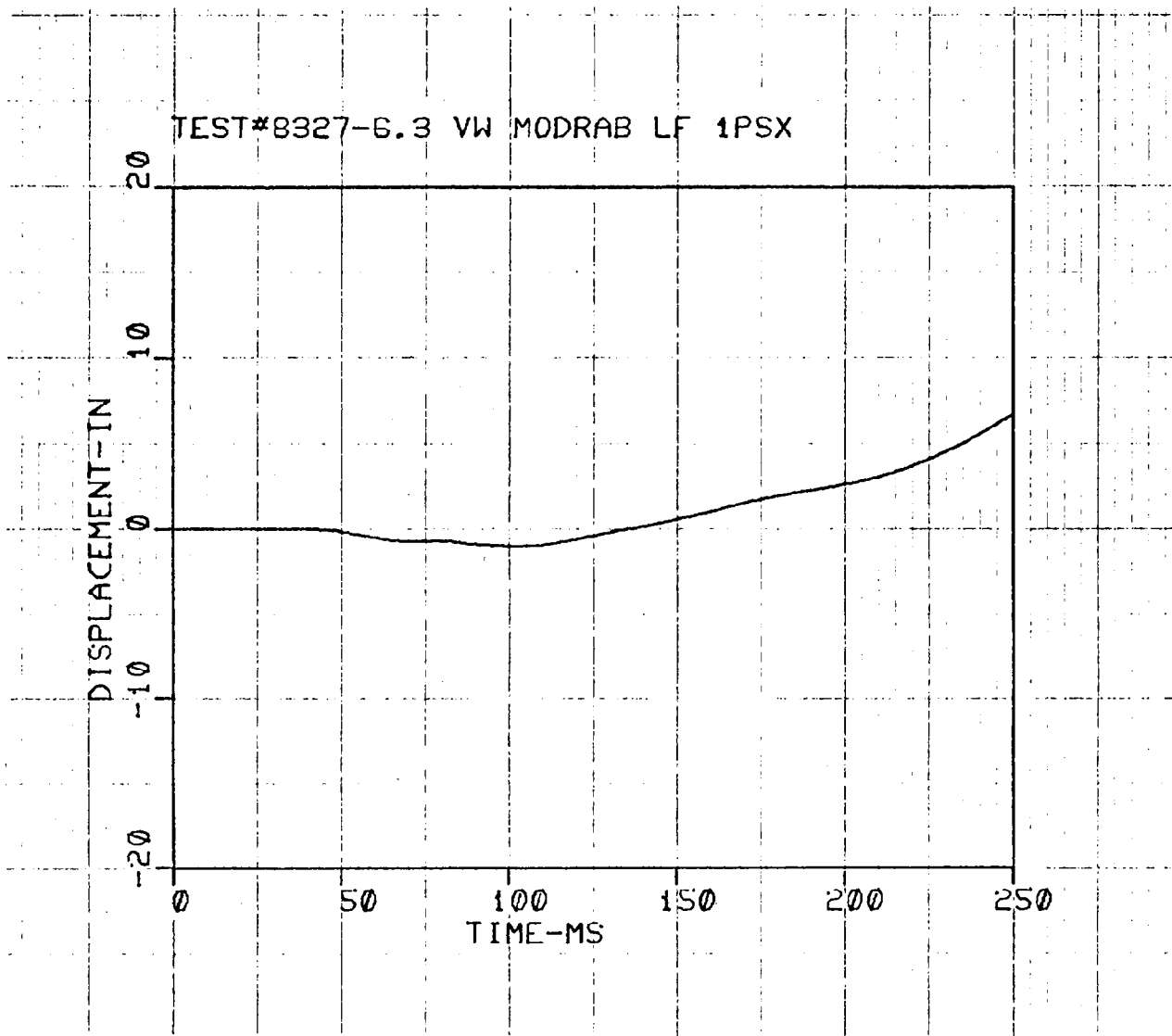


TEST#8327-6.3 VW MODRAB LF 1PGX

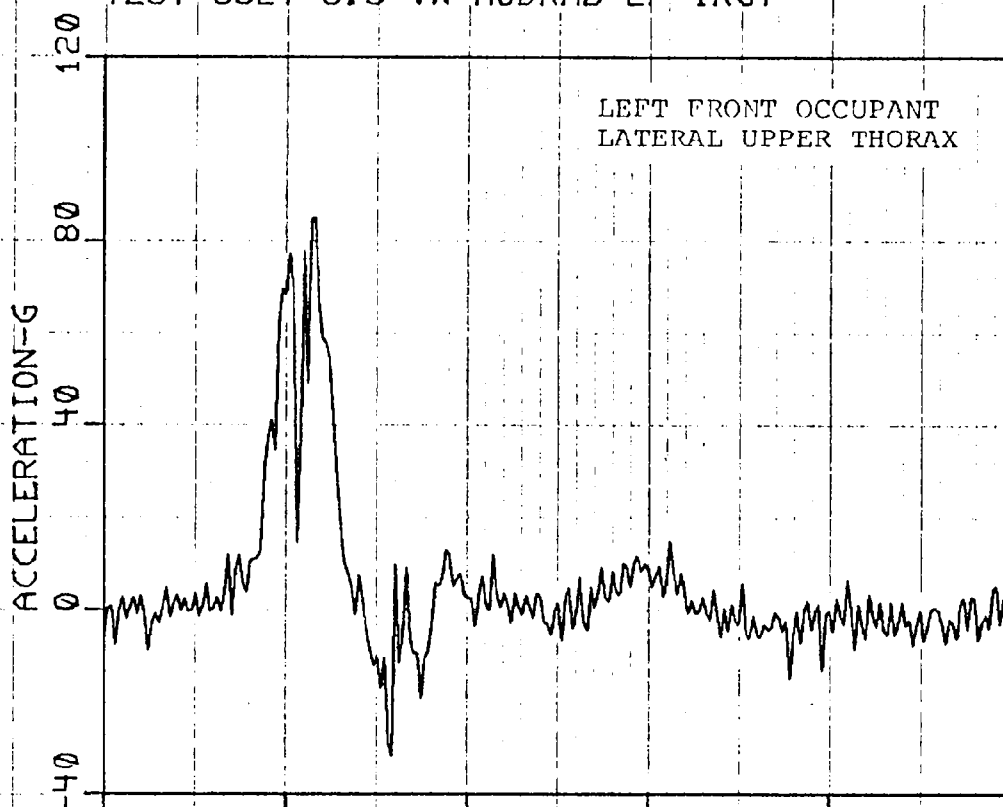


TEST#8327-6.3 VW MODRAB LF 1PVX

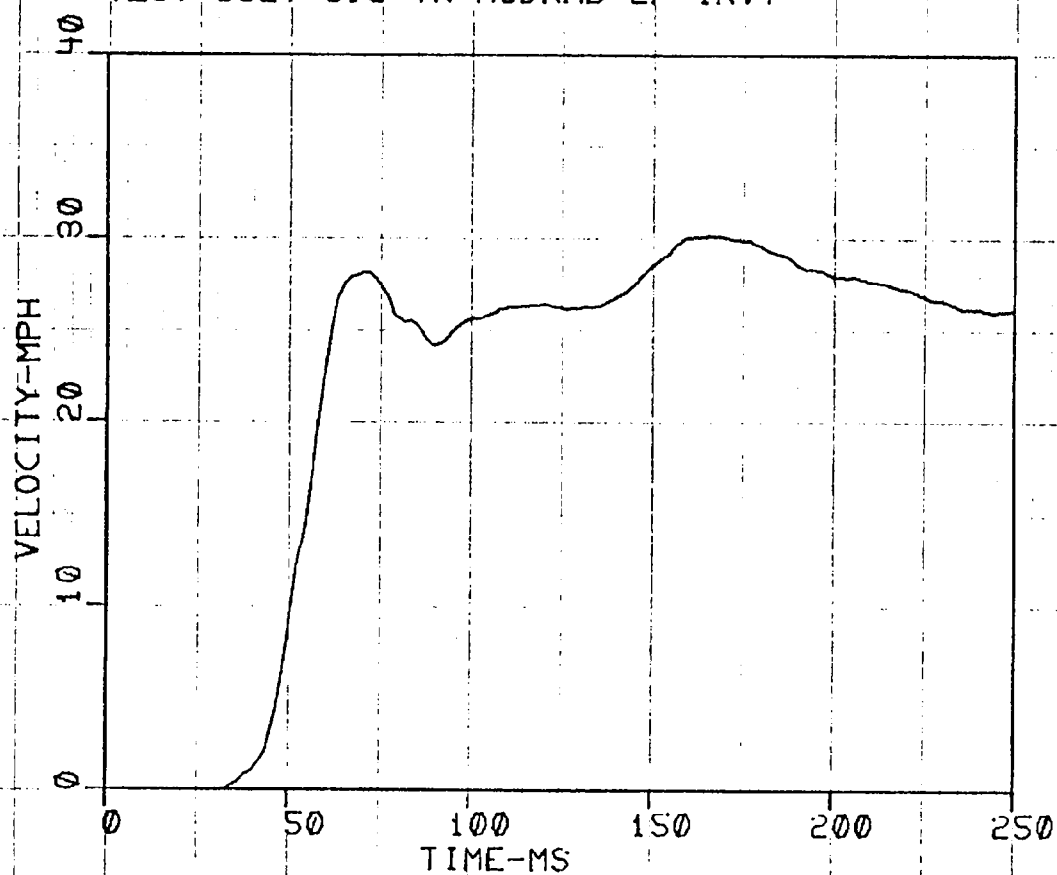


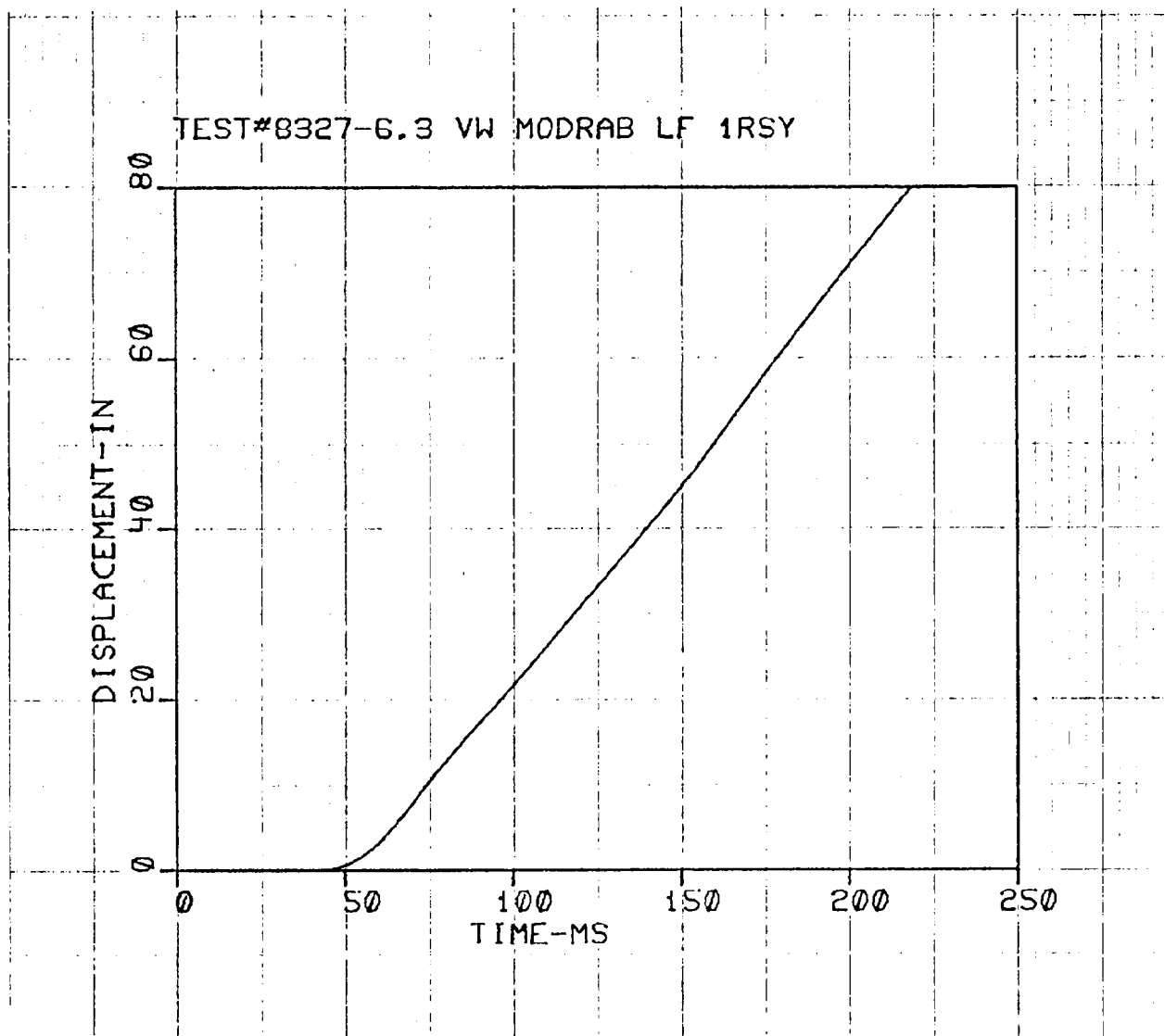


TEST#8327-6.3 VW MODRAB LF 1RGY

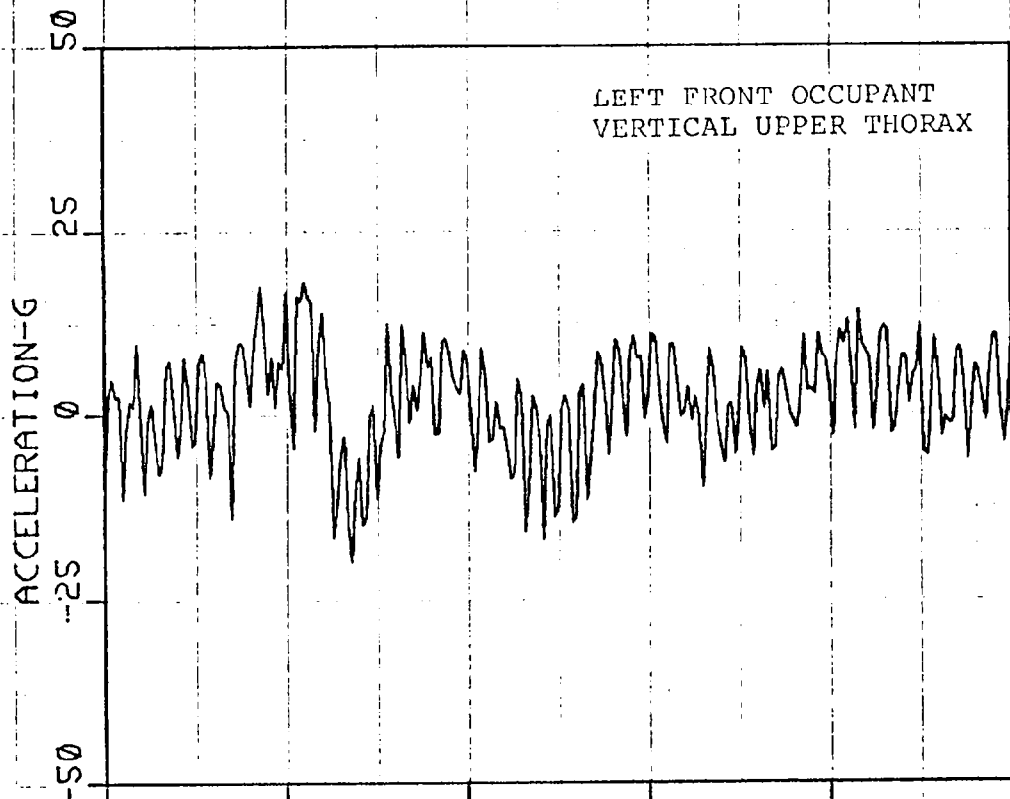


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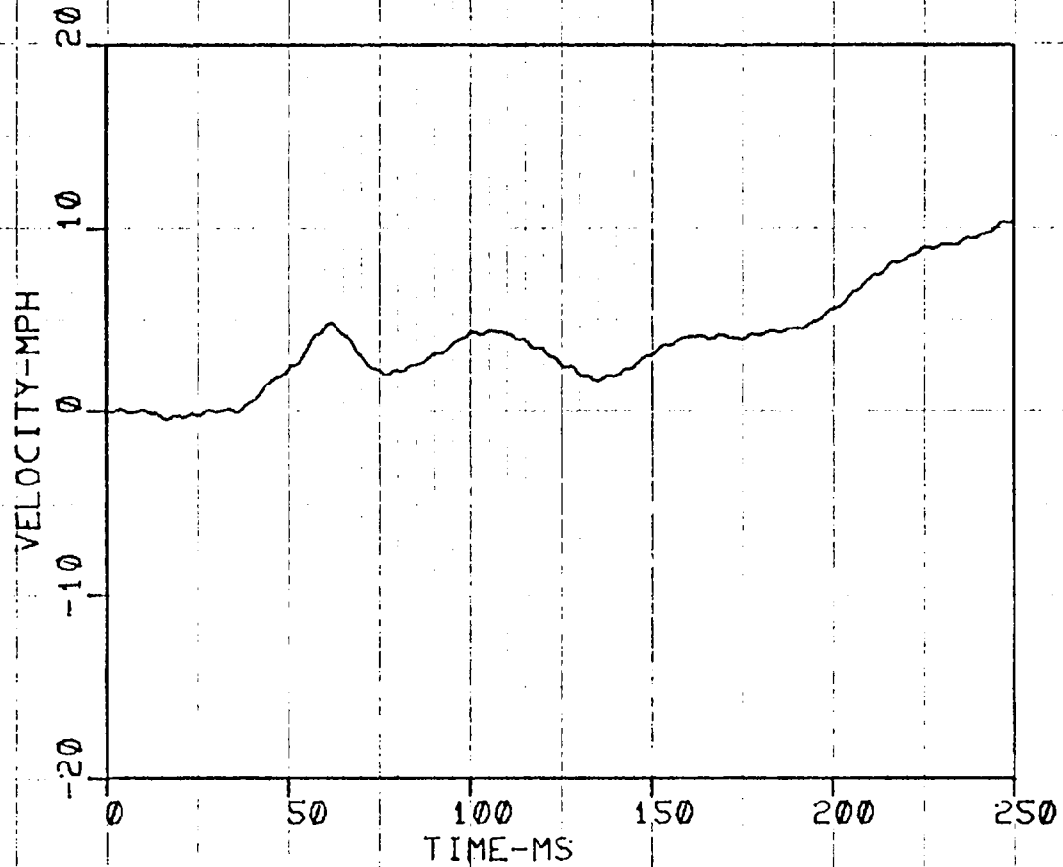


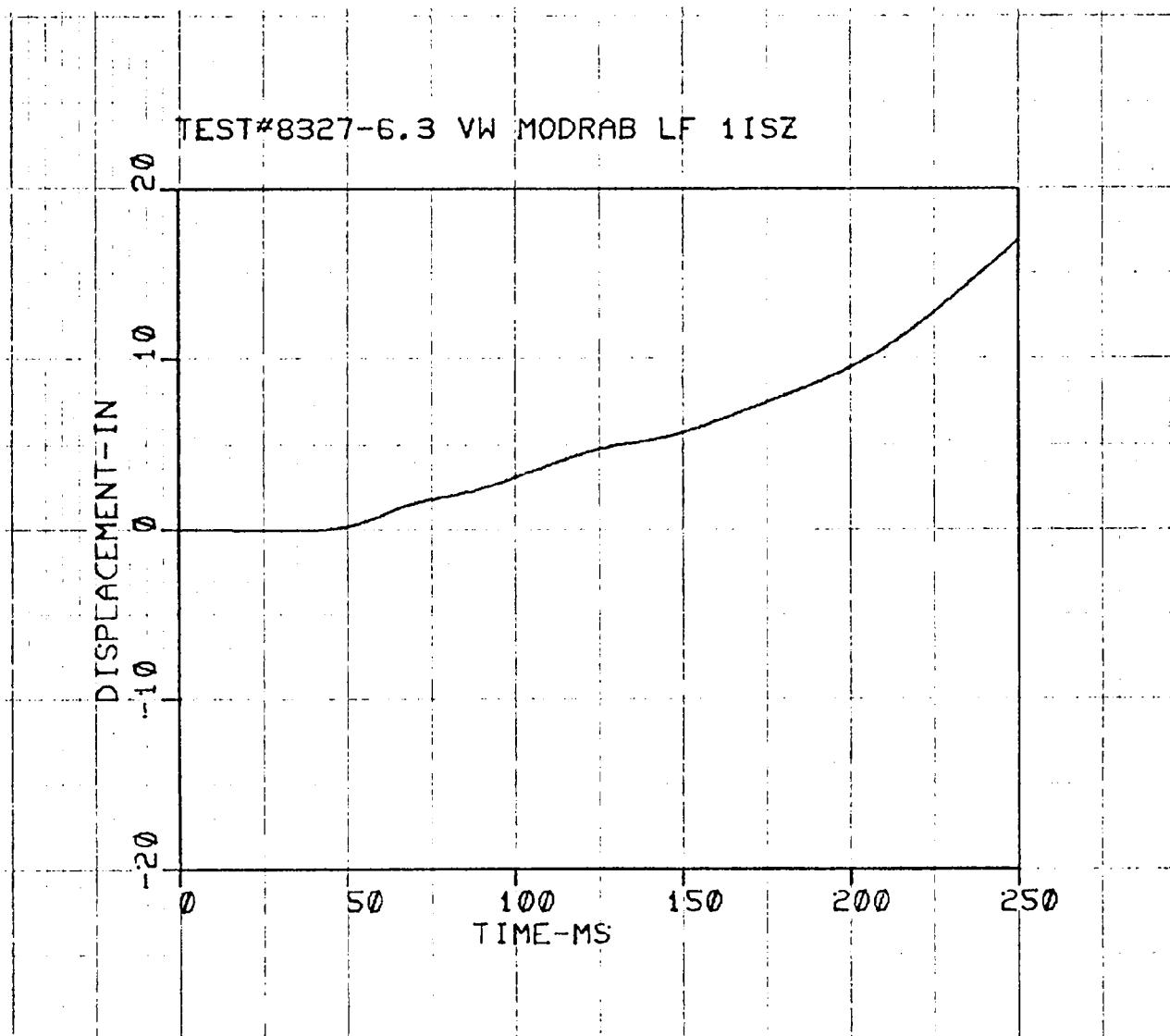


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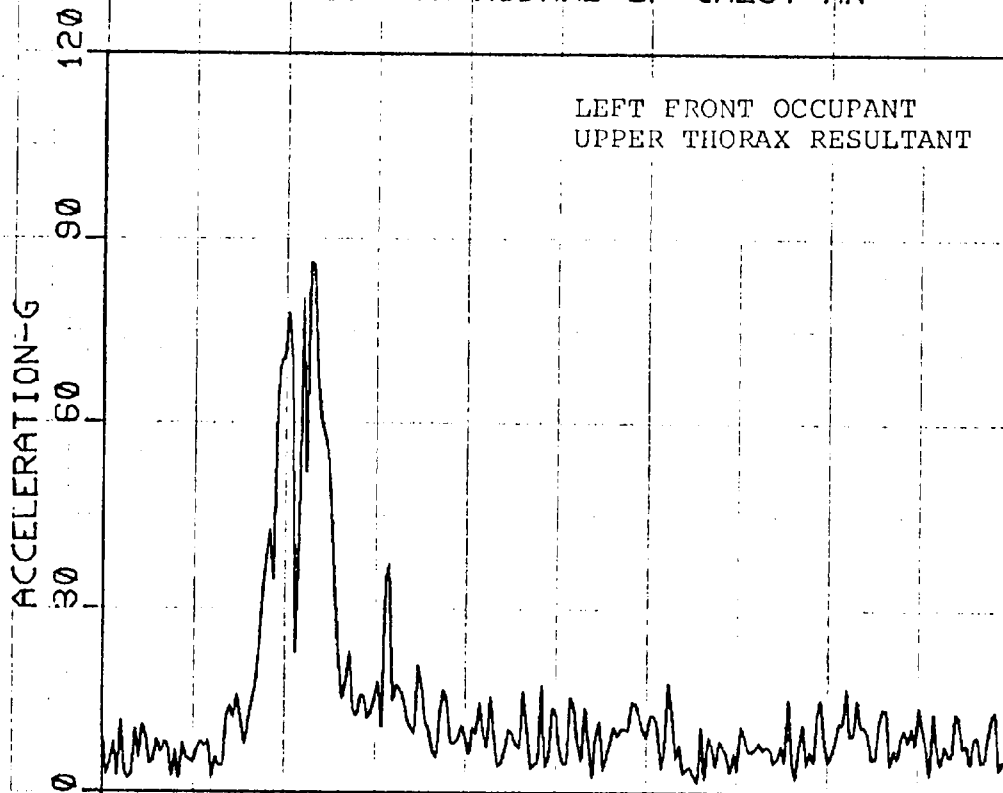


TEST#8327-6.3 VW MODRAB LF 1IVZ

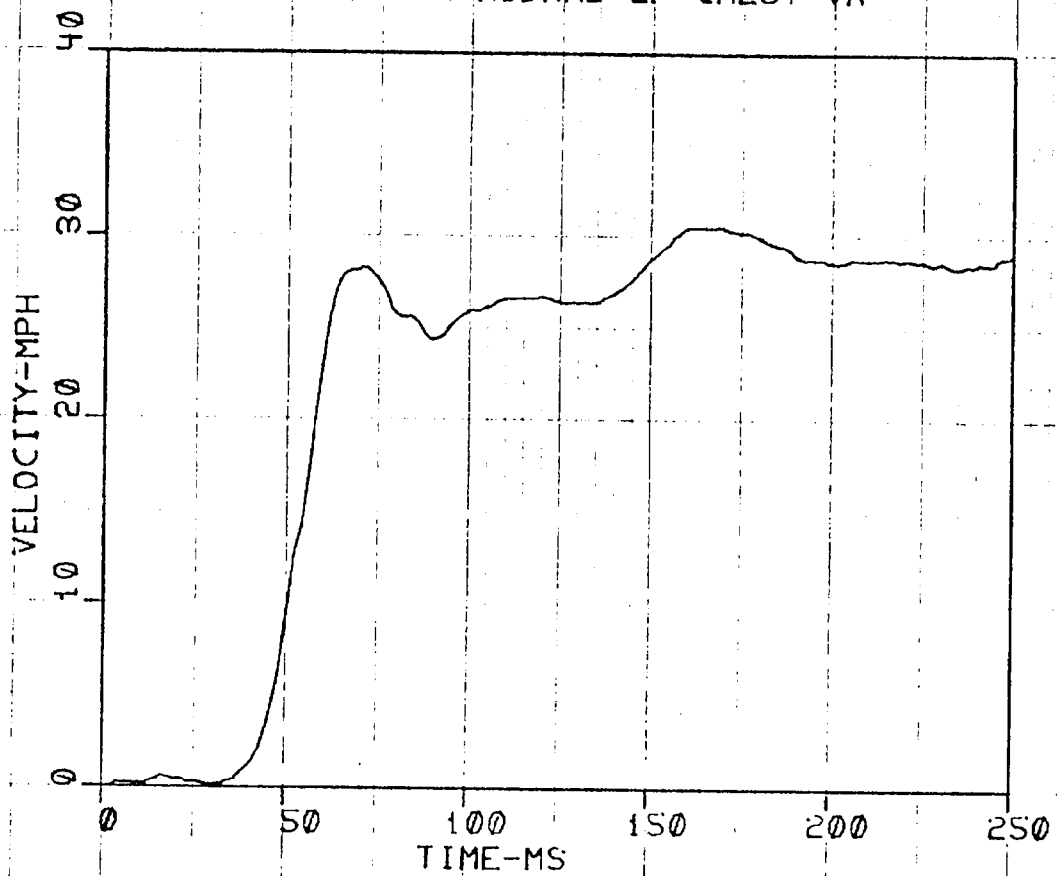


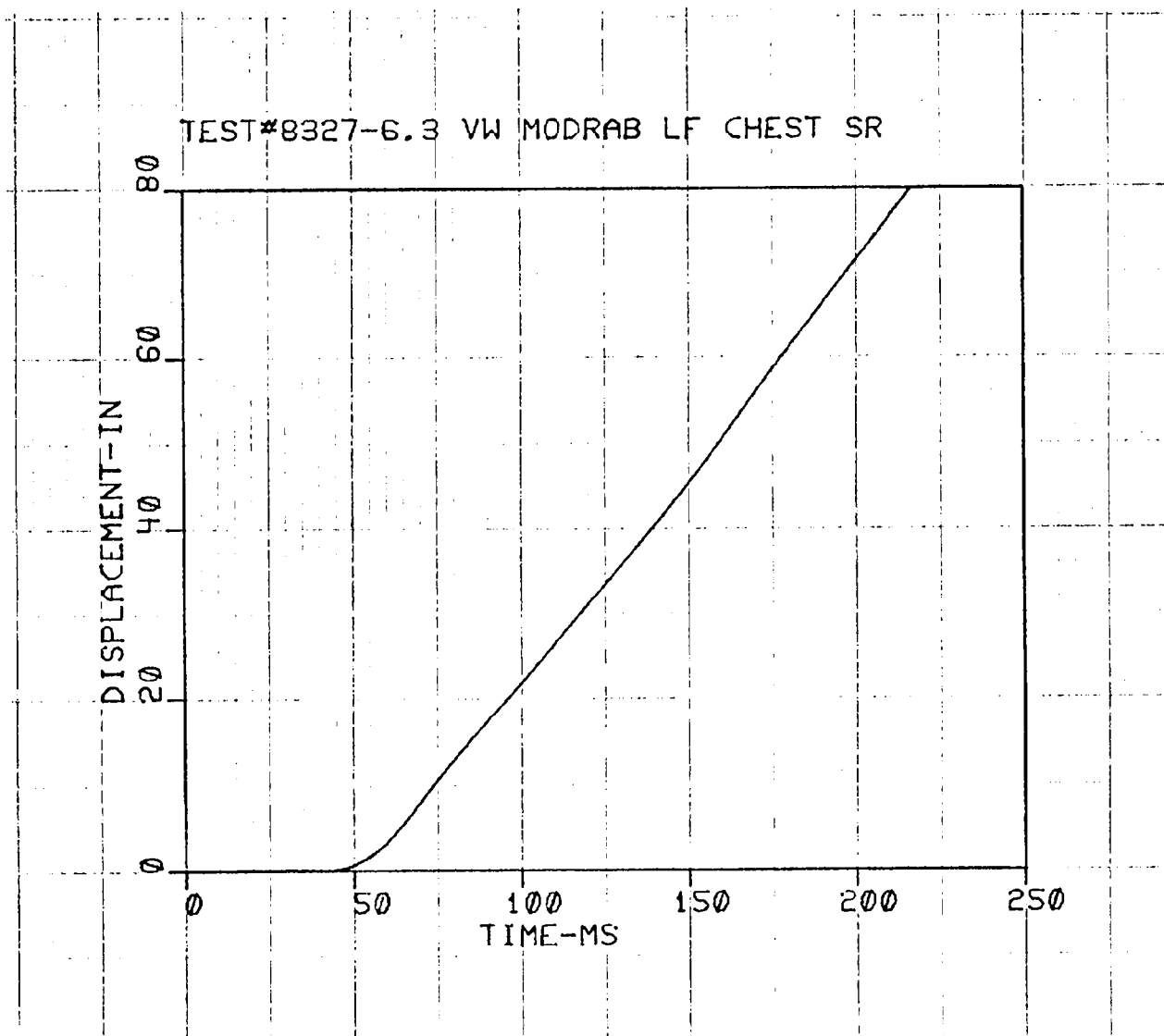


TEST#8327-6.3 VW MODRAB LF CHEST AR

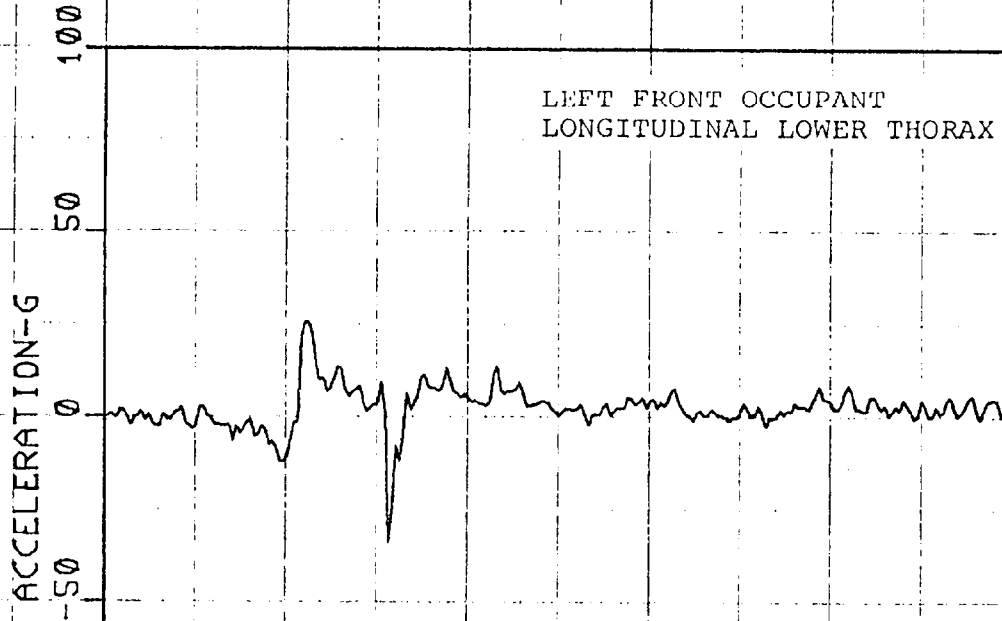


TEST#8327-6.3 VW MODRAB LF CHEST VR

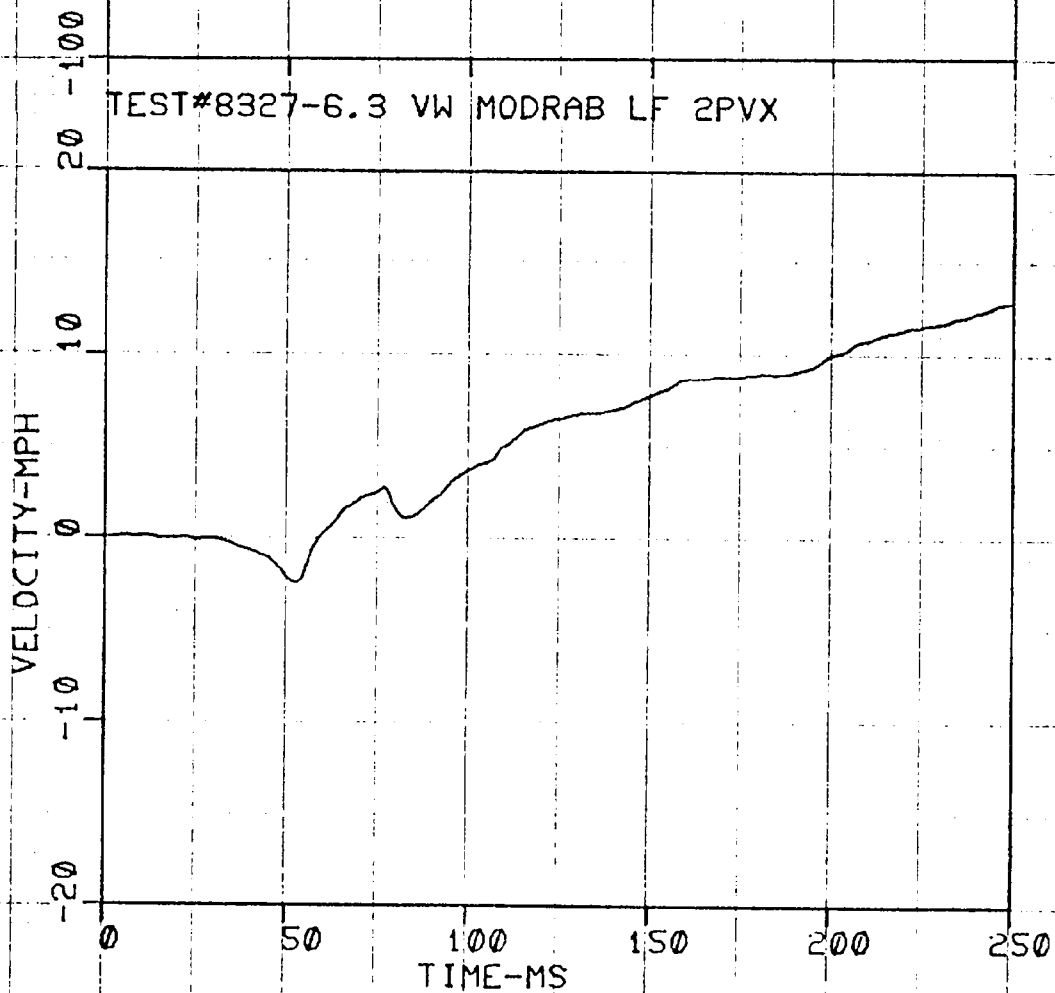


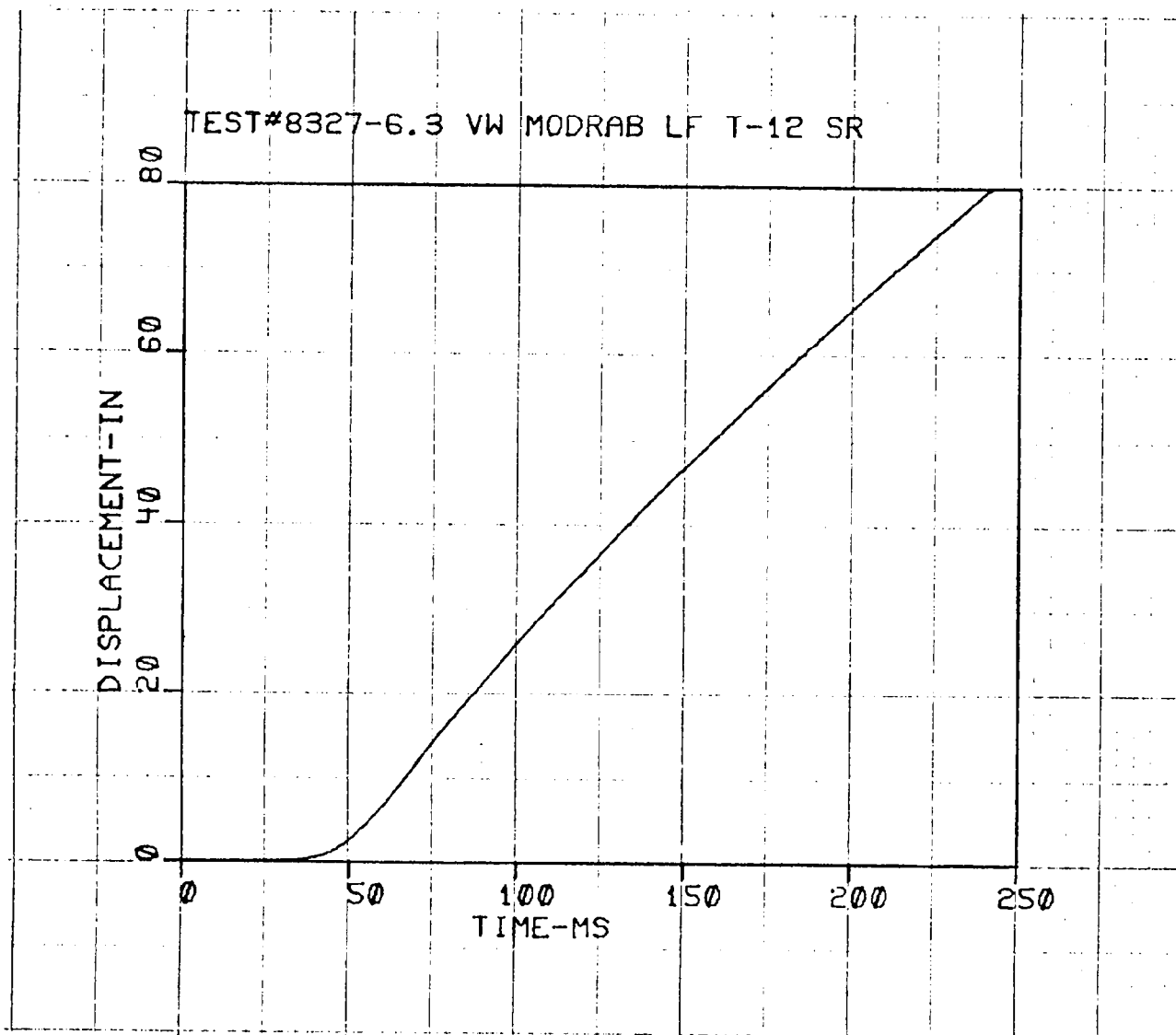


TEST#8327-6.3 VW MODRAB LF 2PGX

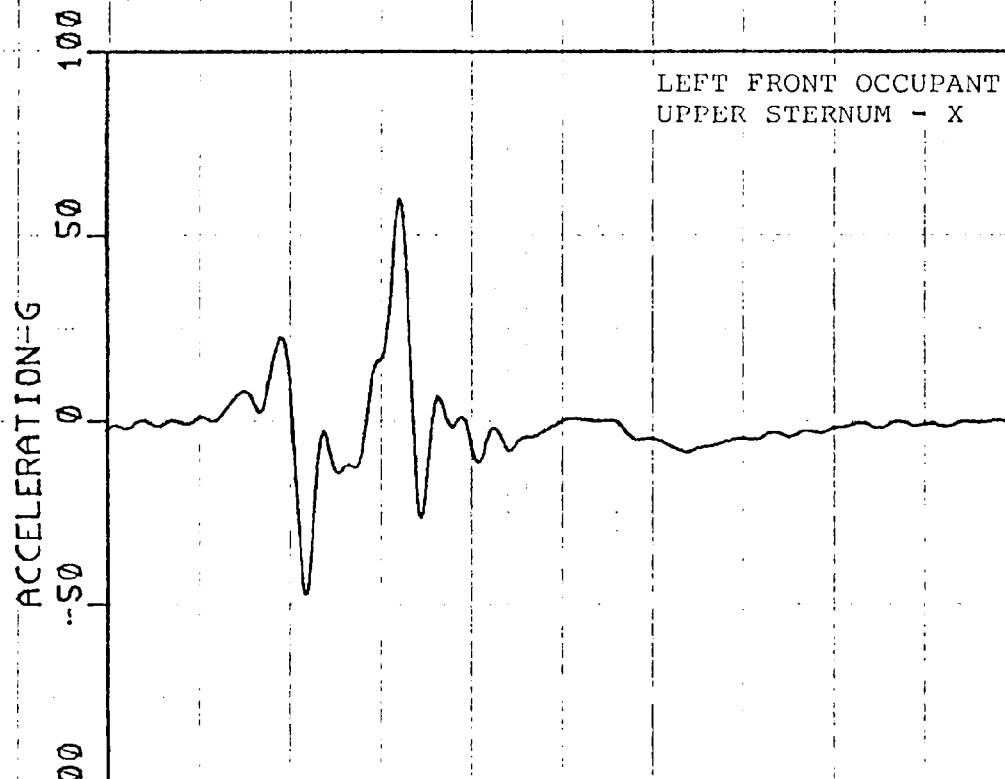


TEST#8327-6.3 VW MODRAB LF 2PVX

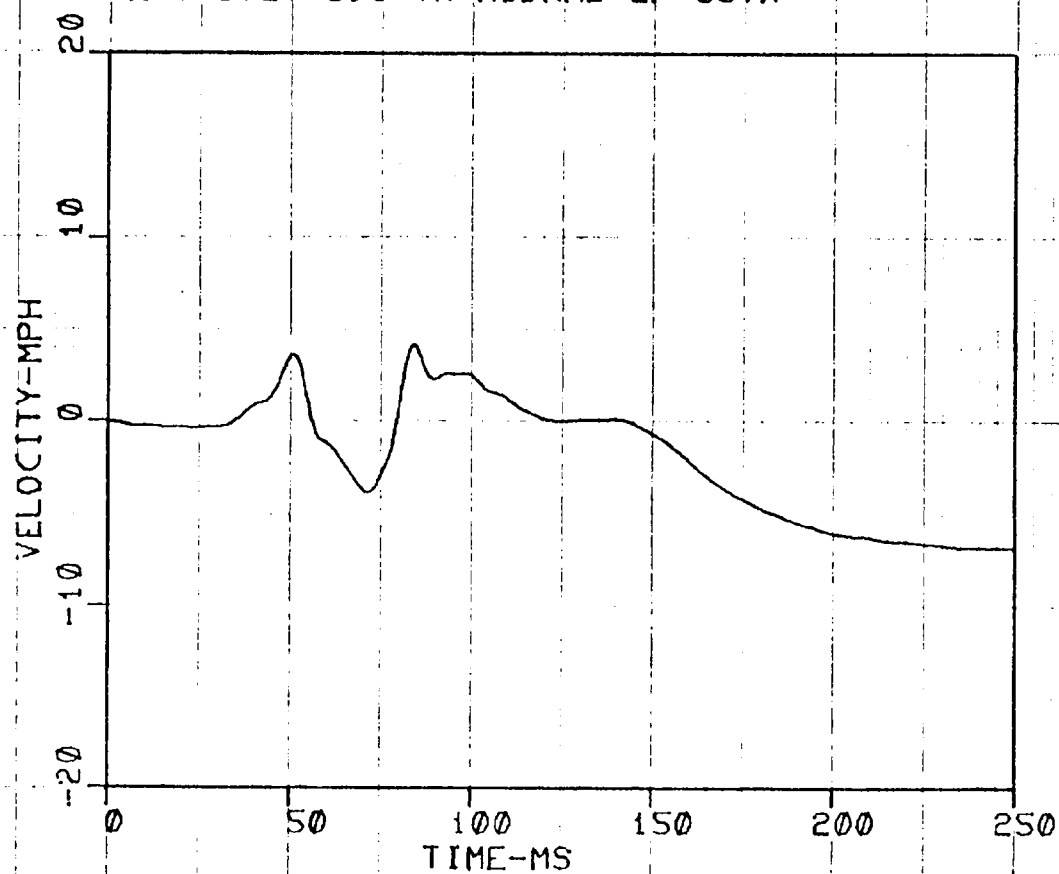


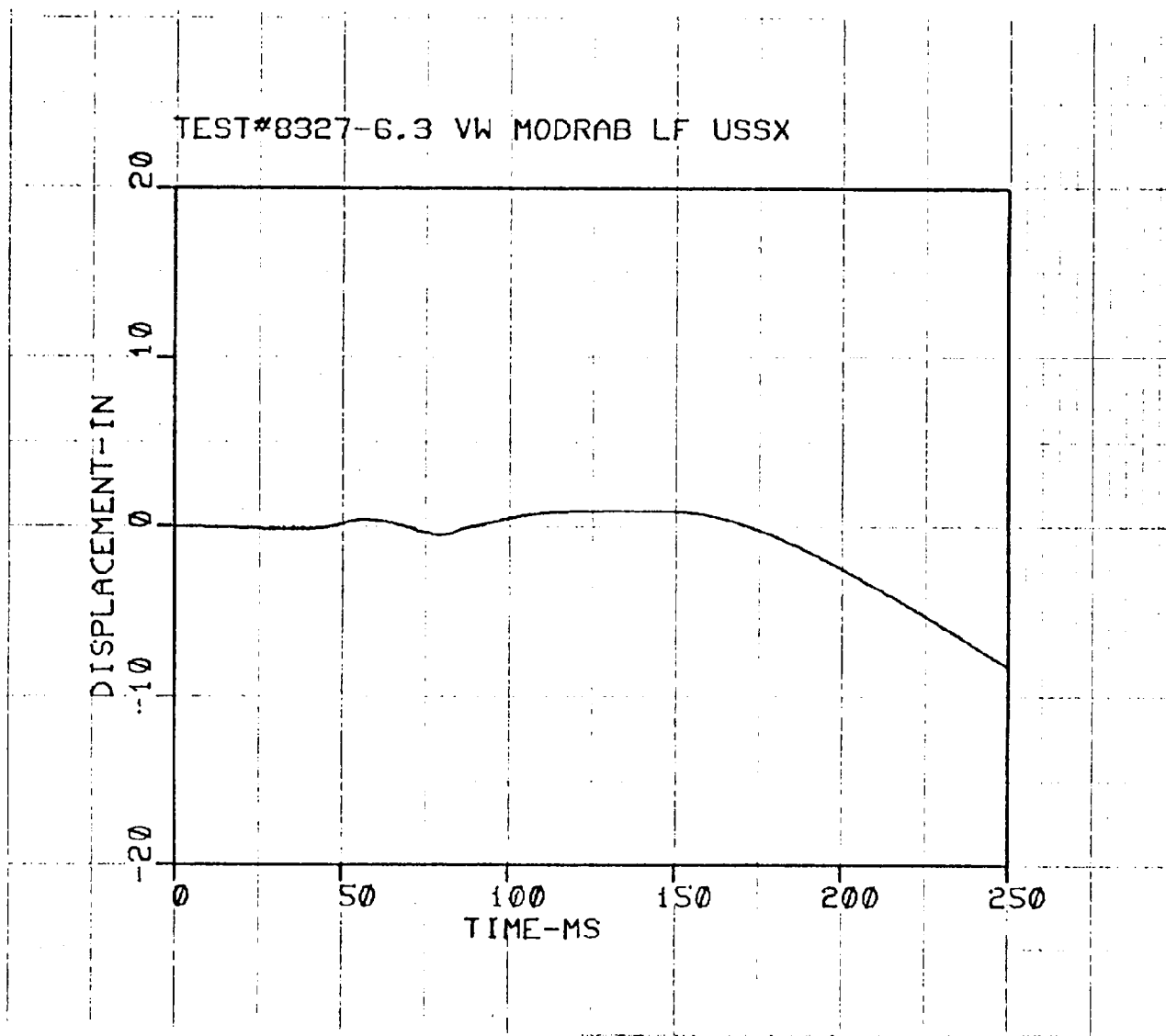


TEST#8327-6.3 VW MODRAB LF USGX

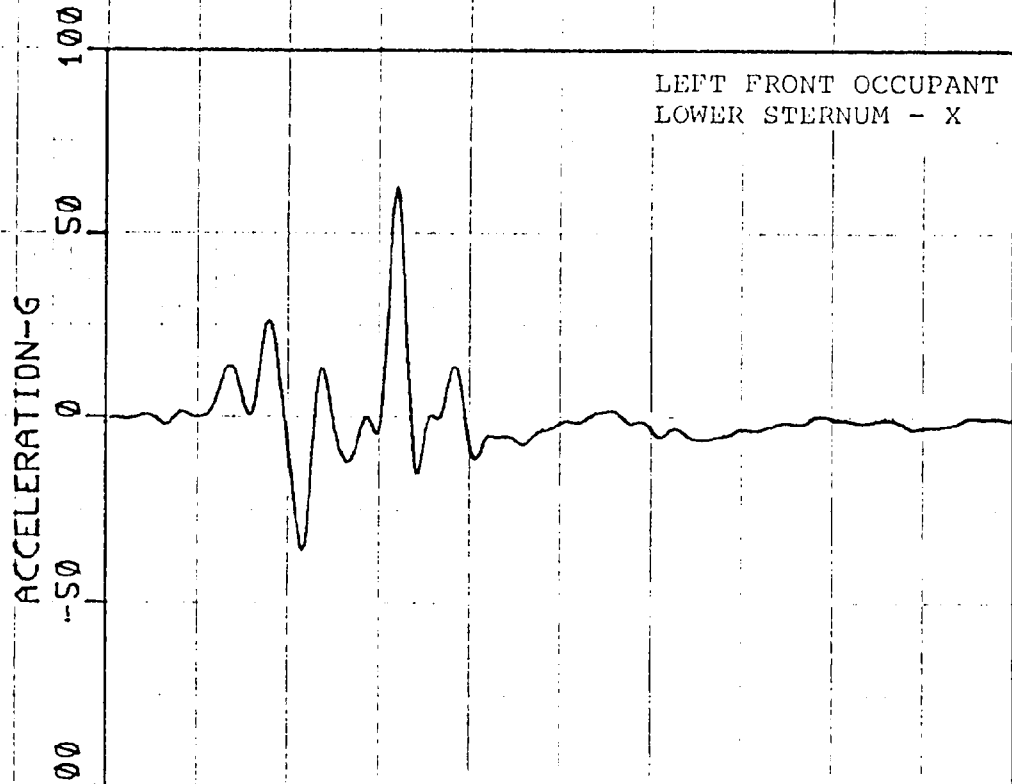


TEST#8327-6.3 VW MODRAB LF USVX

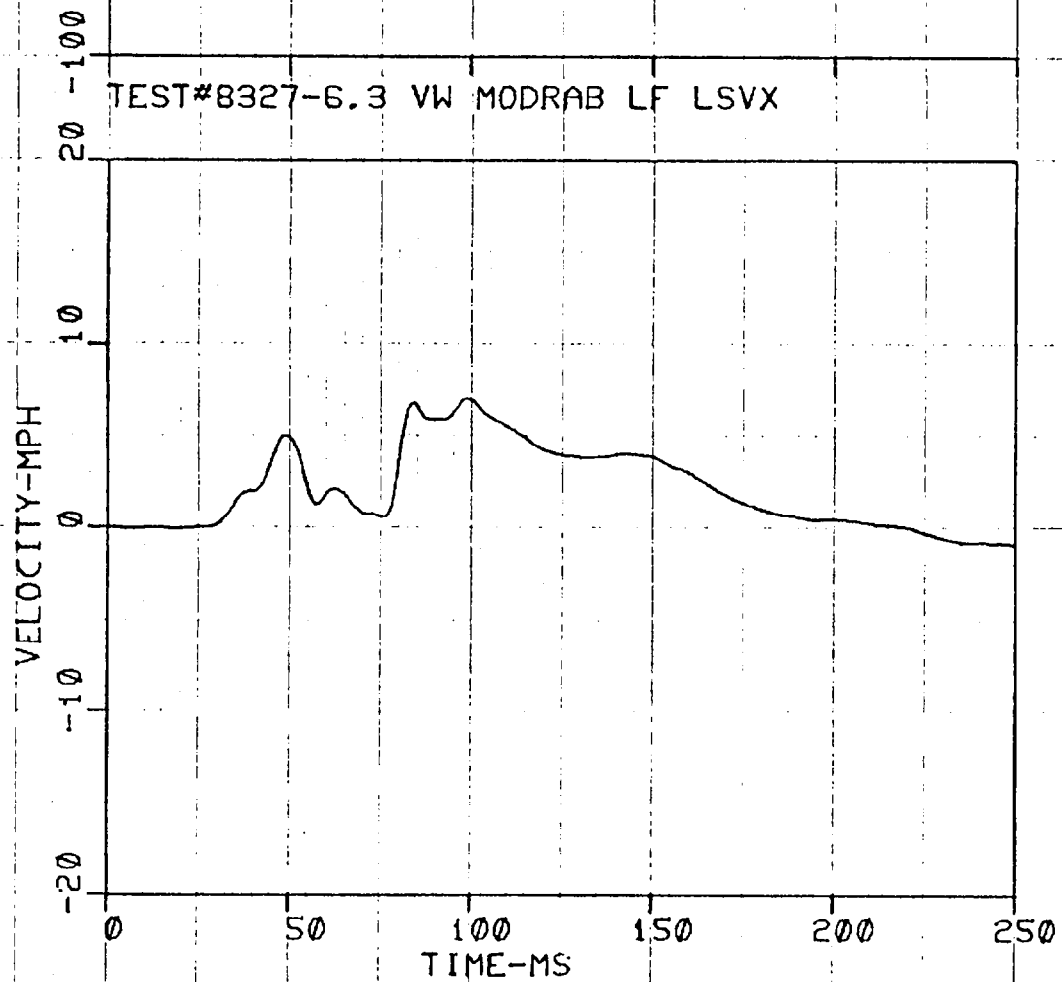


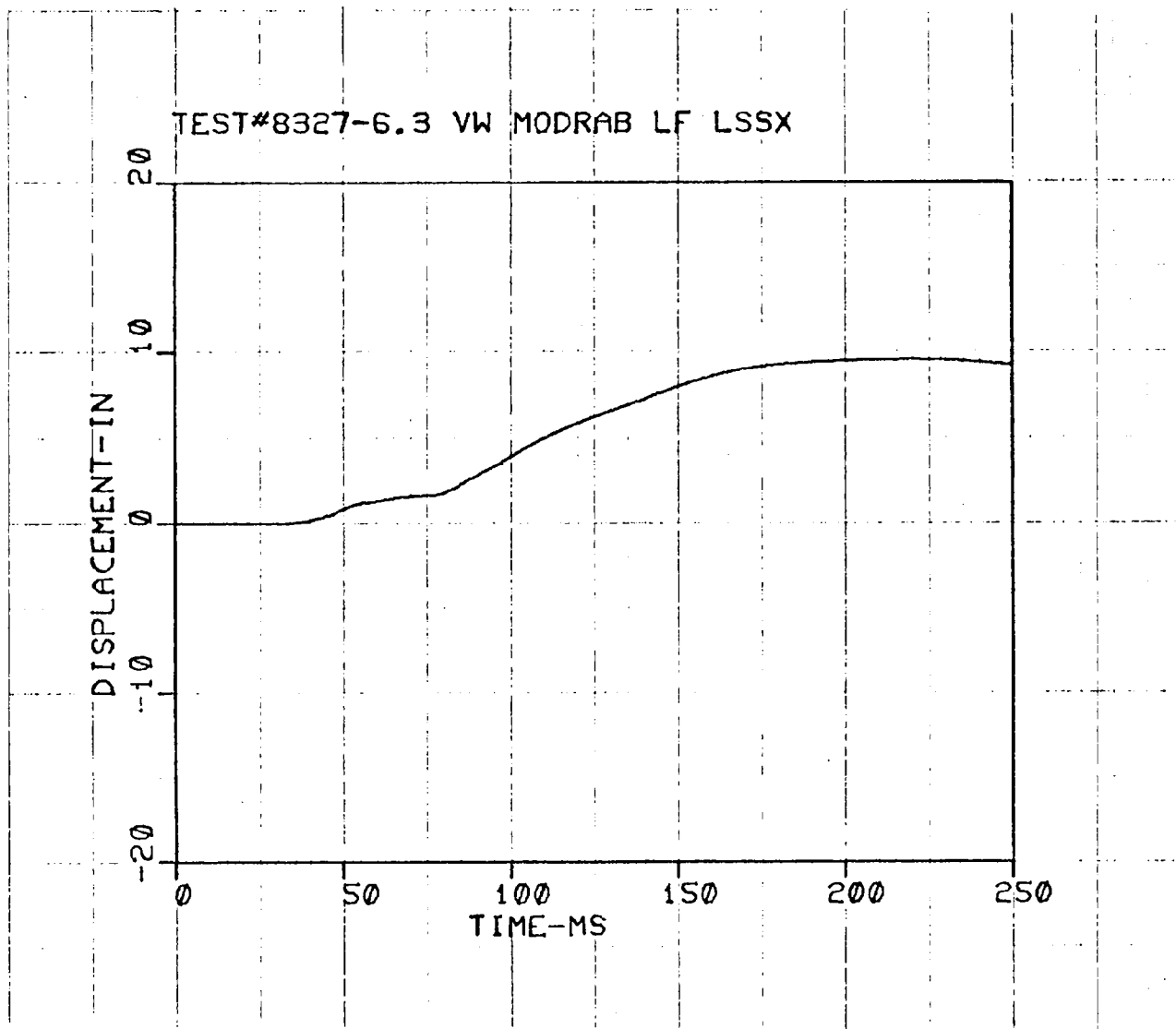


TEST#8327-6.3 VW MODRAB LF LSGX

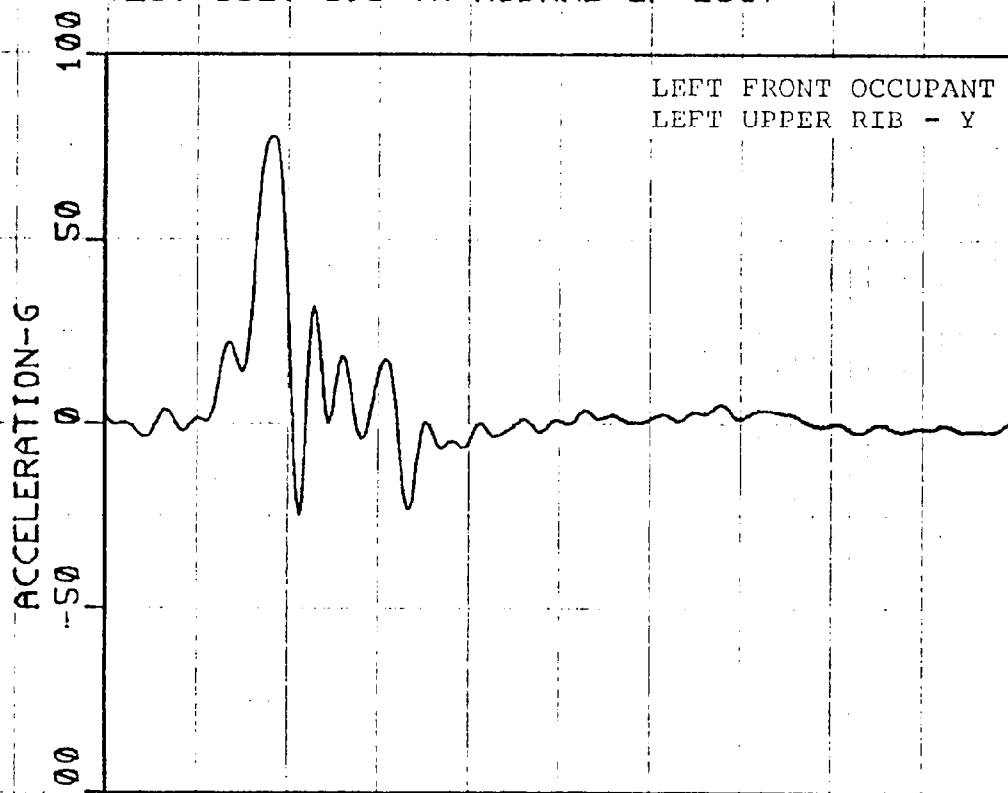


TEST#8327-6.3 VW MODRAB LF LSVX

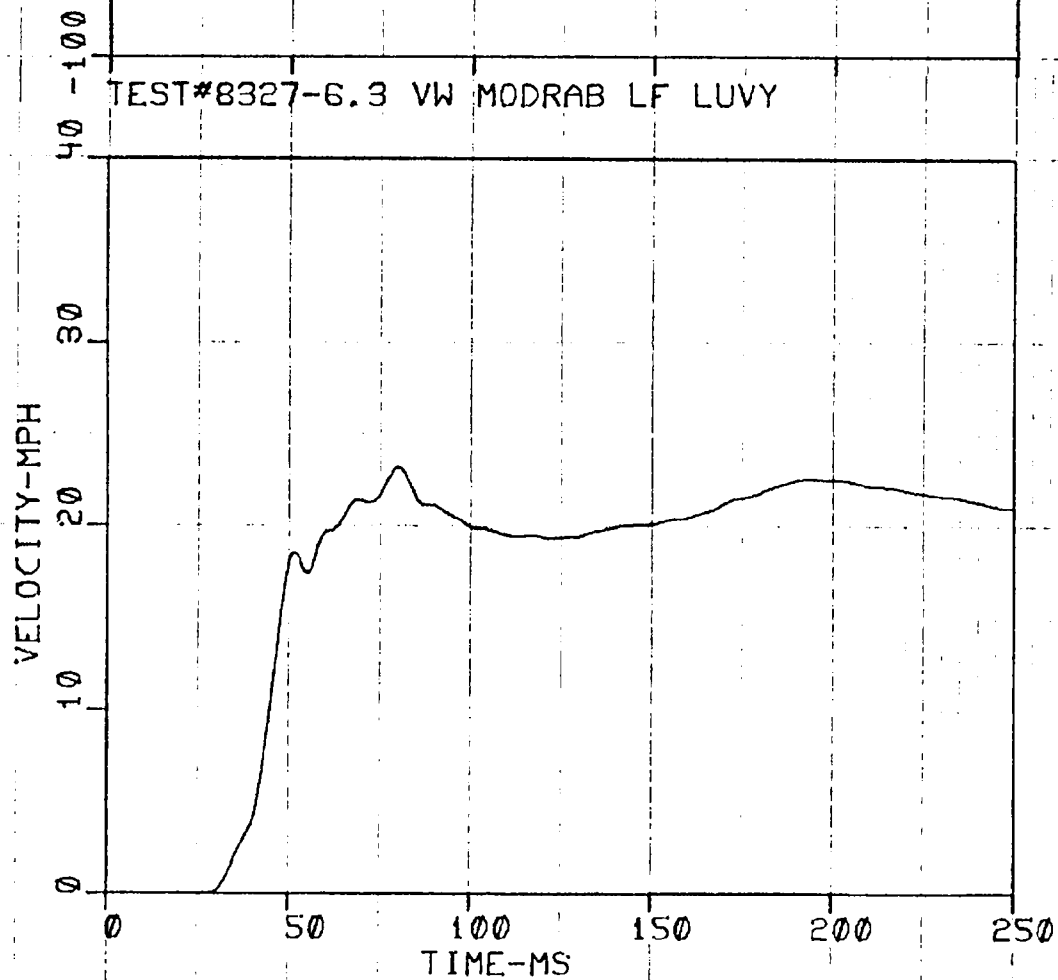


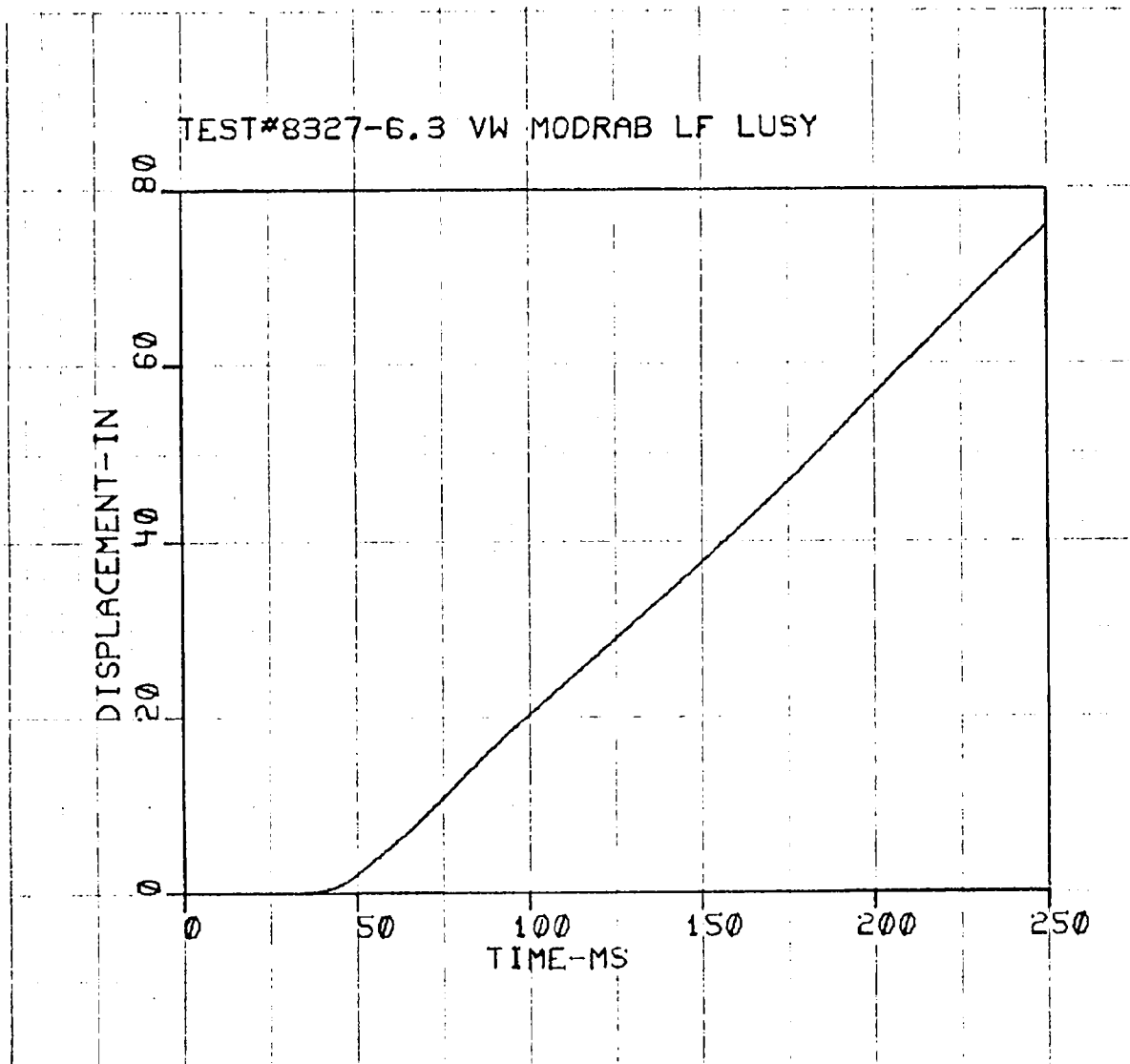


TEST#8327-6.3 VW MODRAB LF LUGY

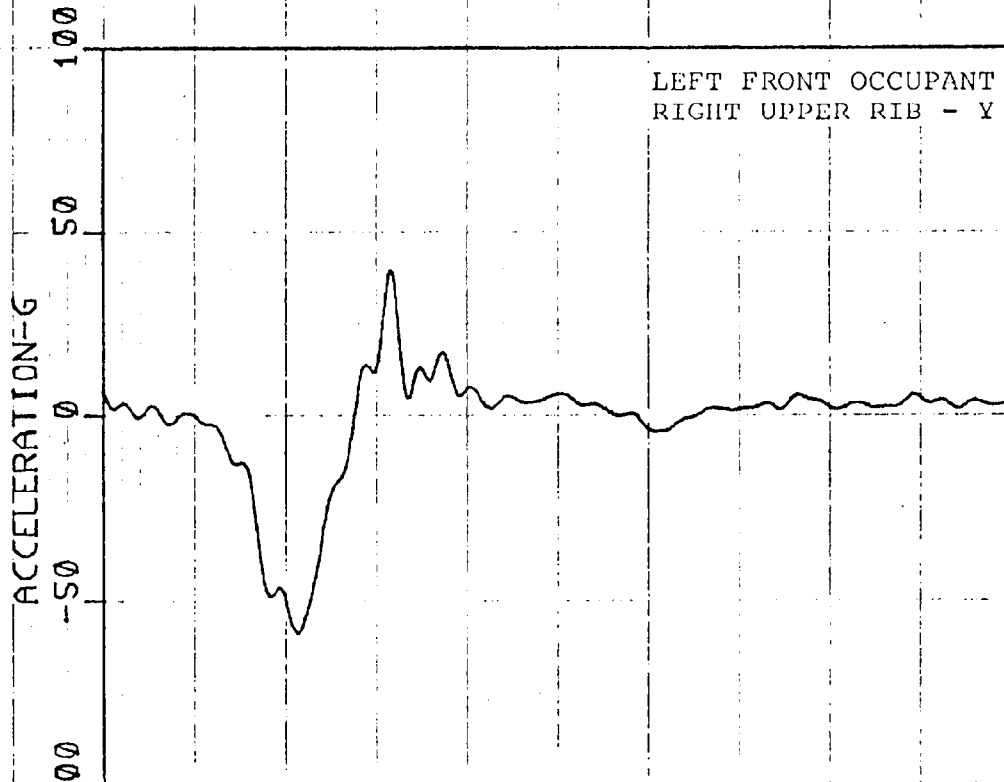


TEST#8327-6.3 VW MODRAB LF LUVY

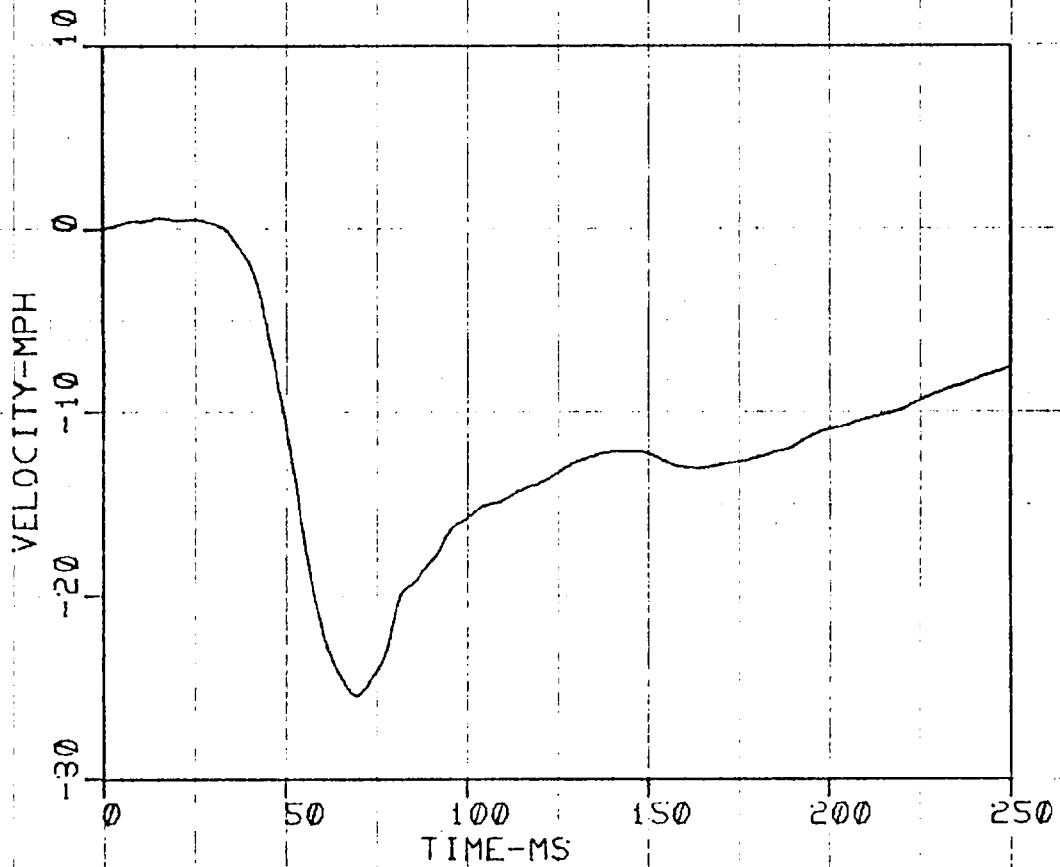


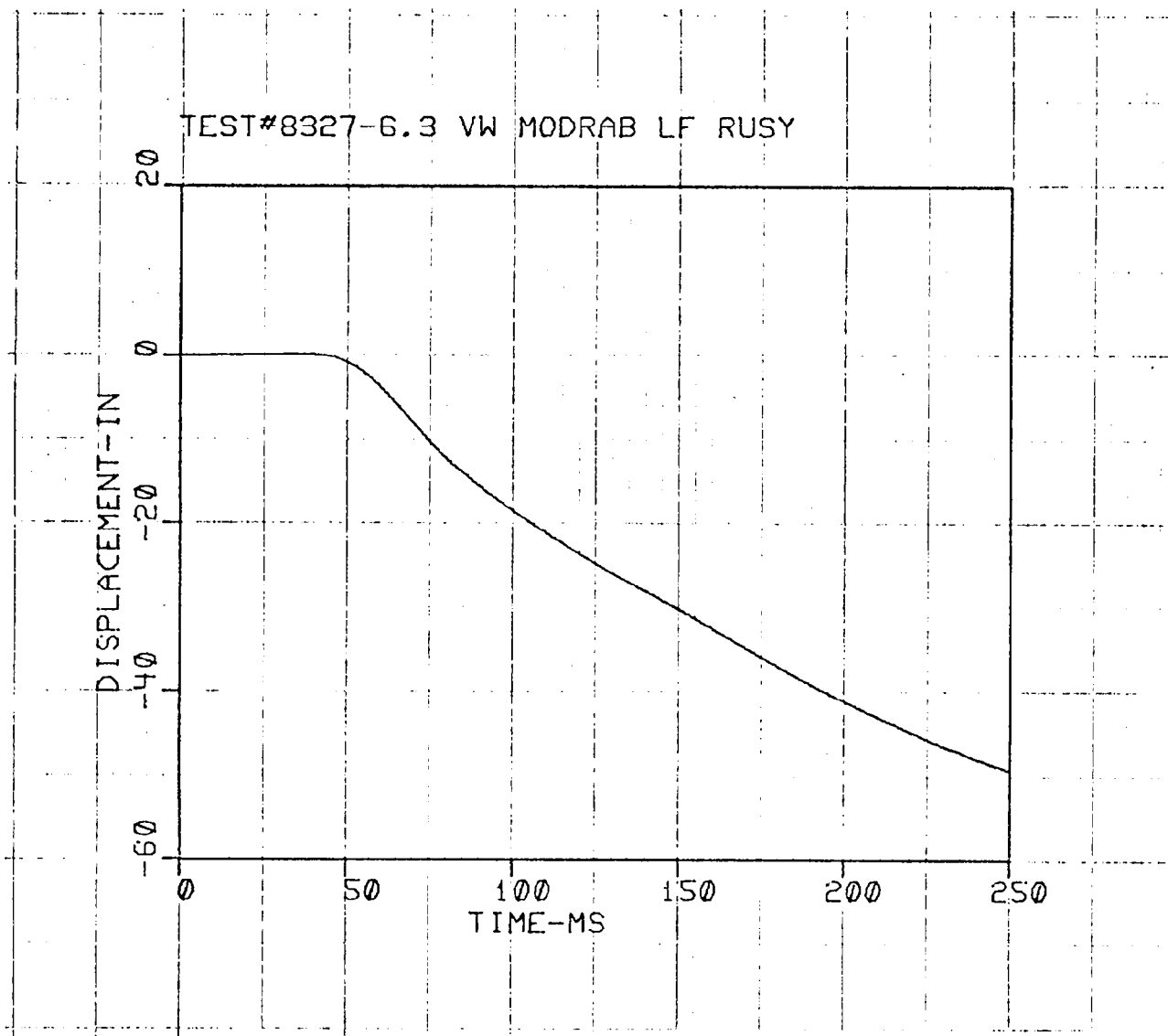


TEST#8327-6.3 VW MODRAB LF RUGY

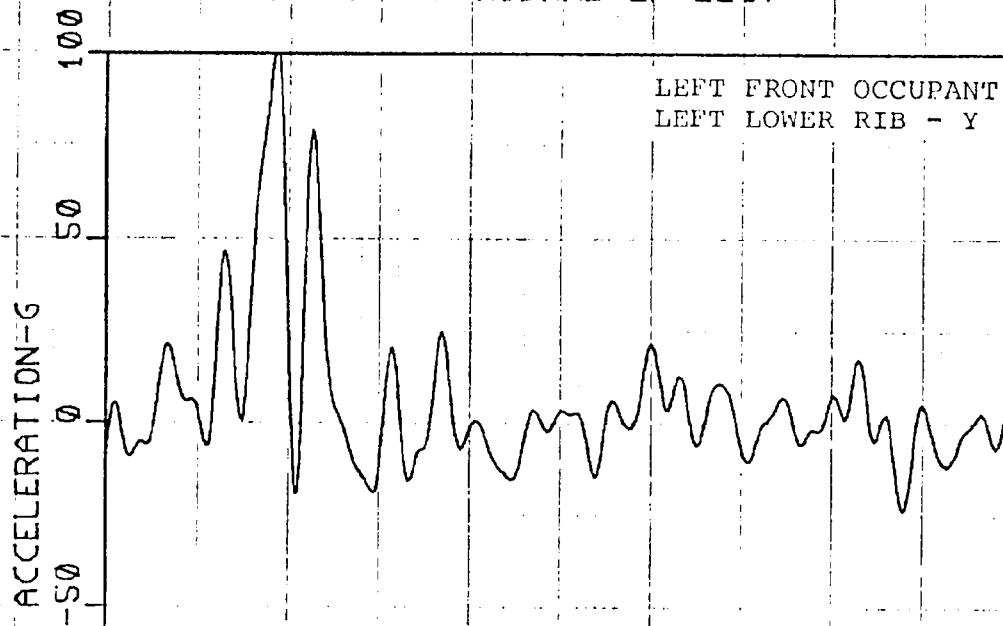


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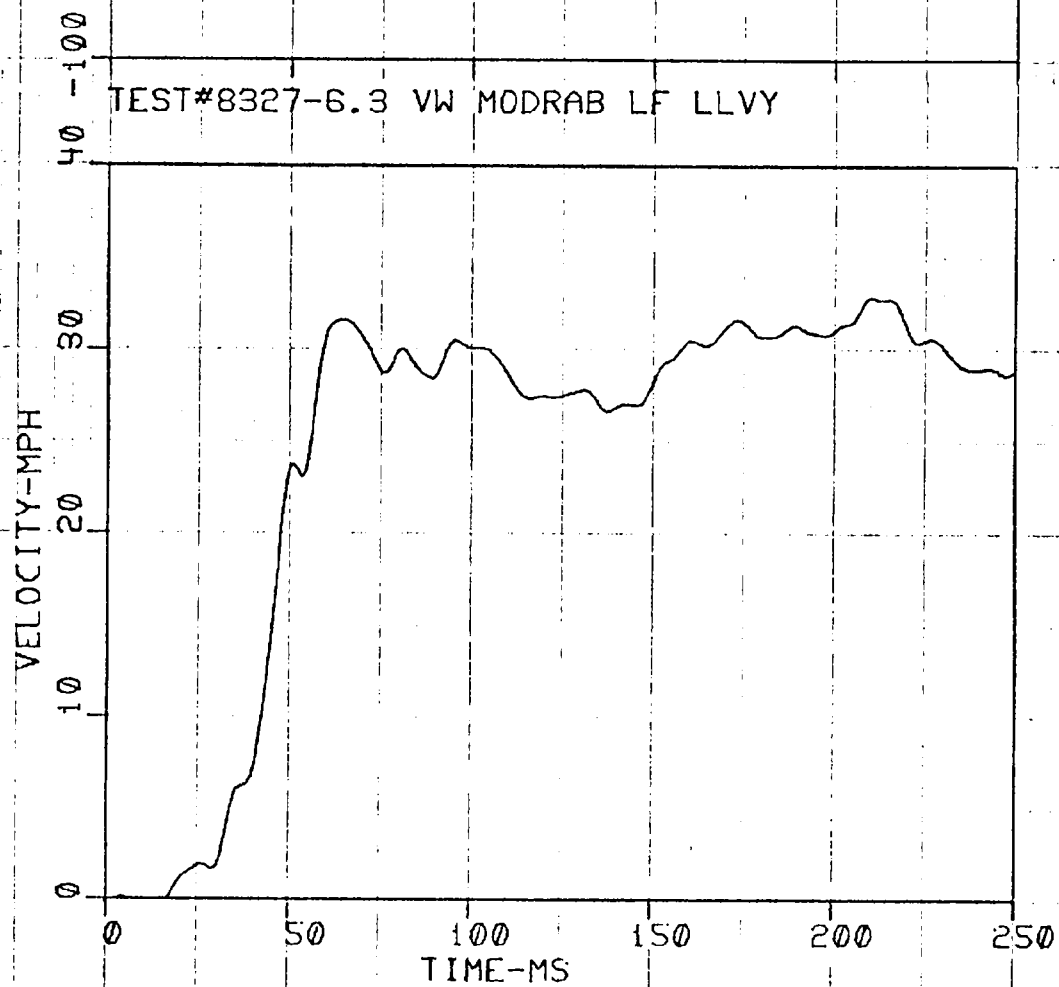


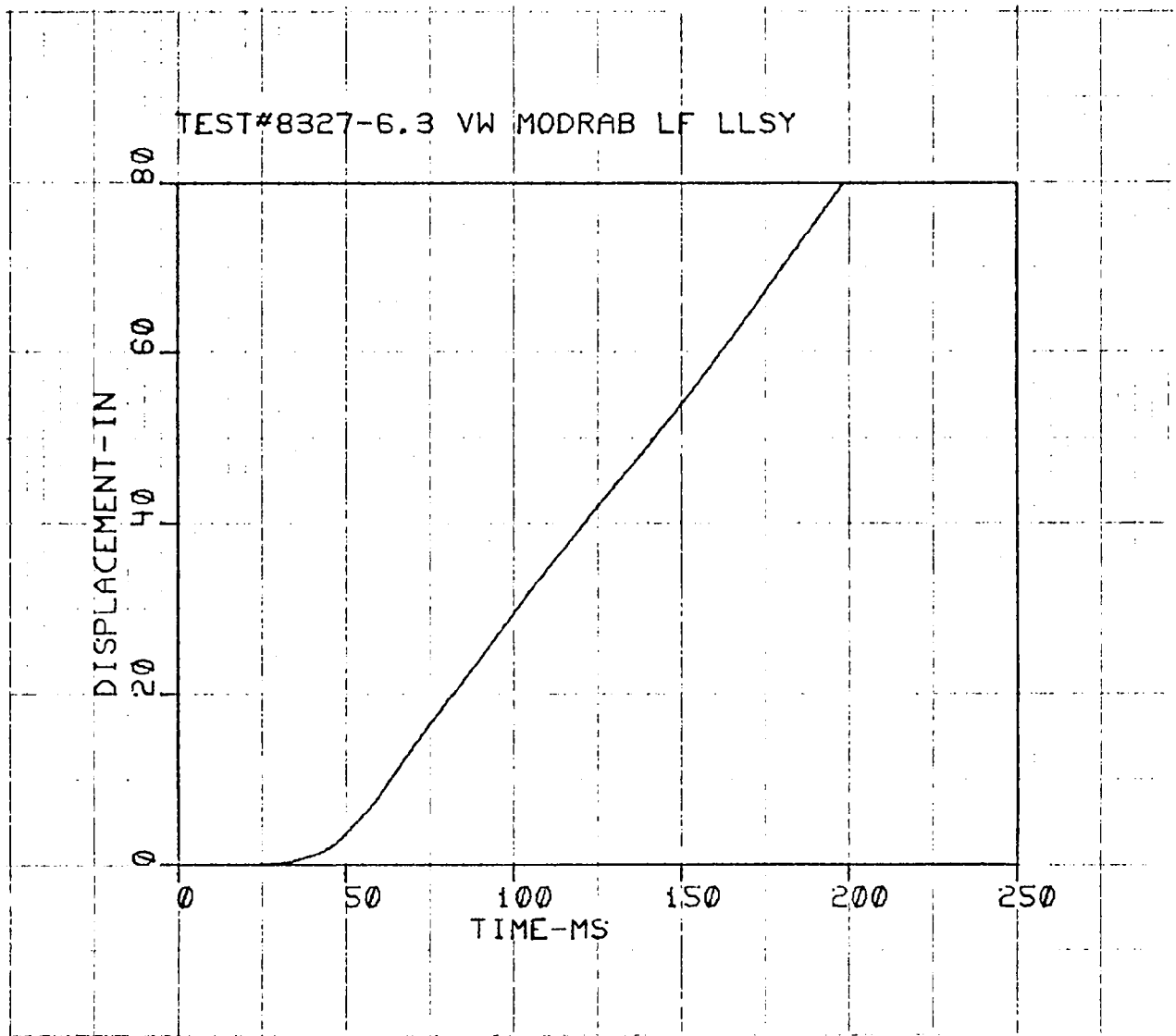


TEST#8327-6.3 VW MODRAB LF LLGY

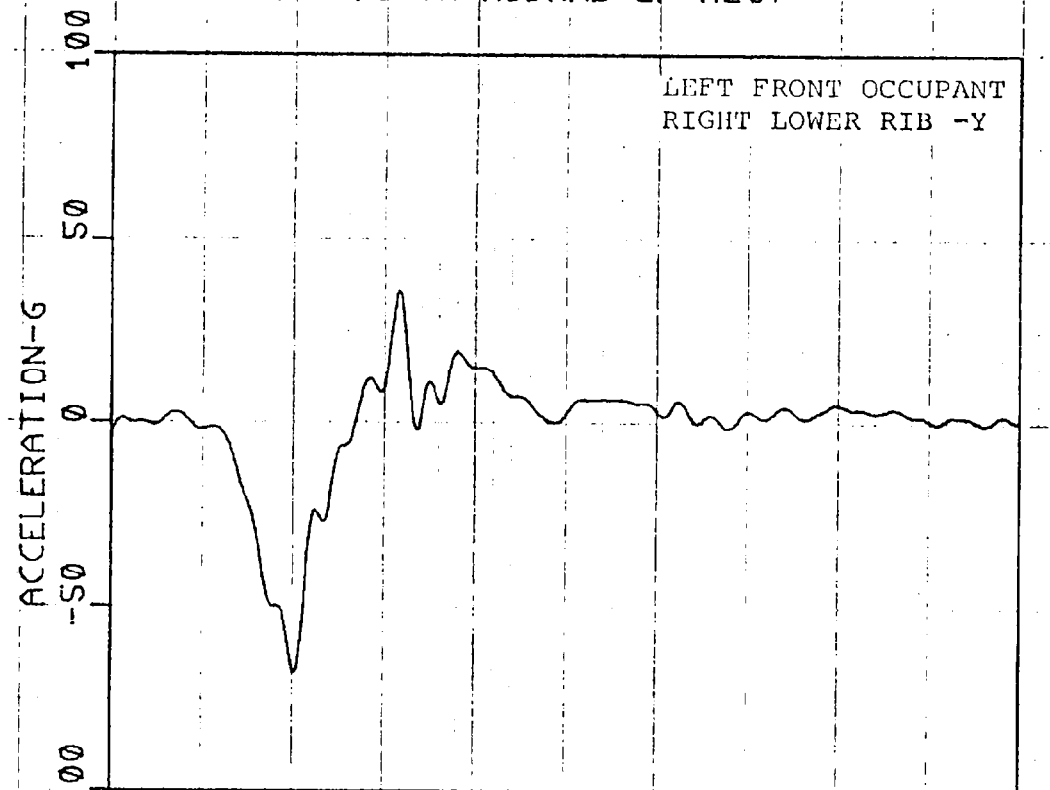


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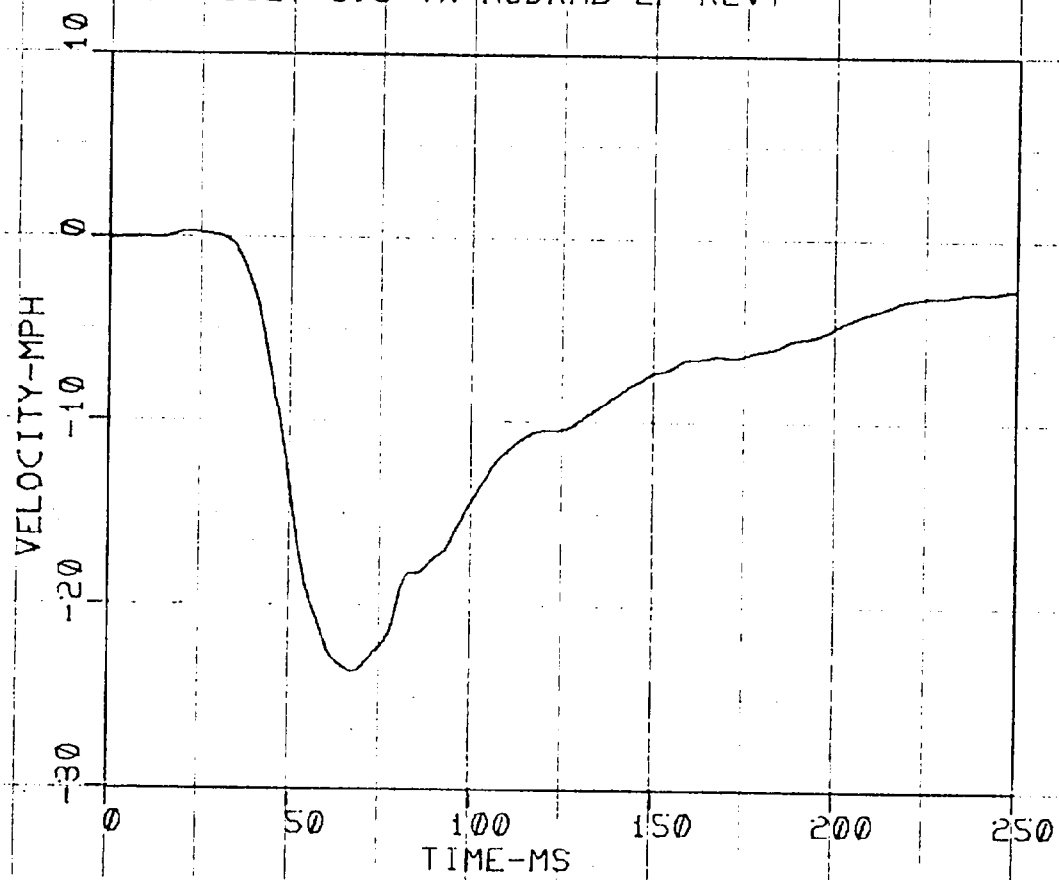


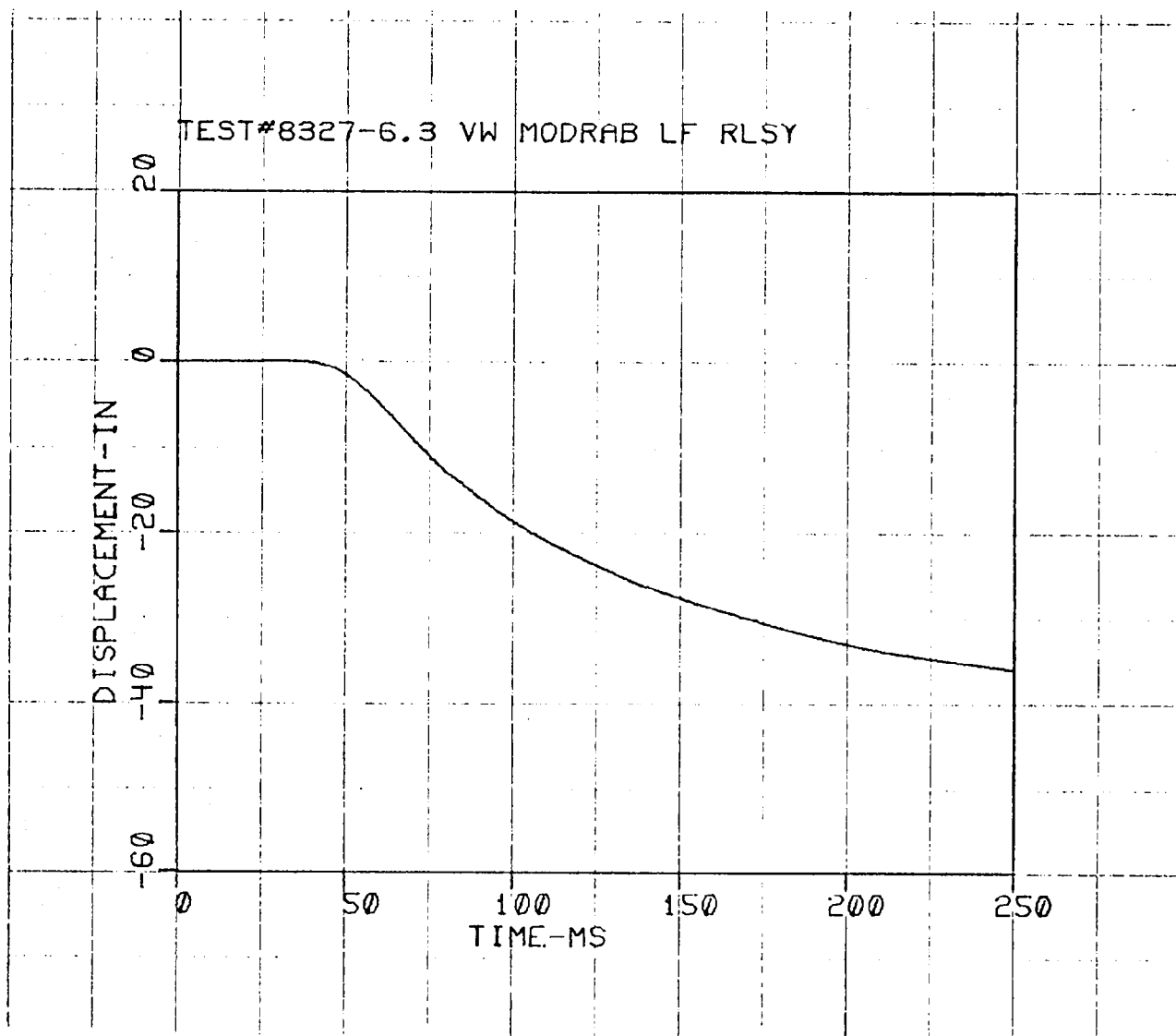


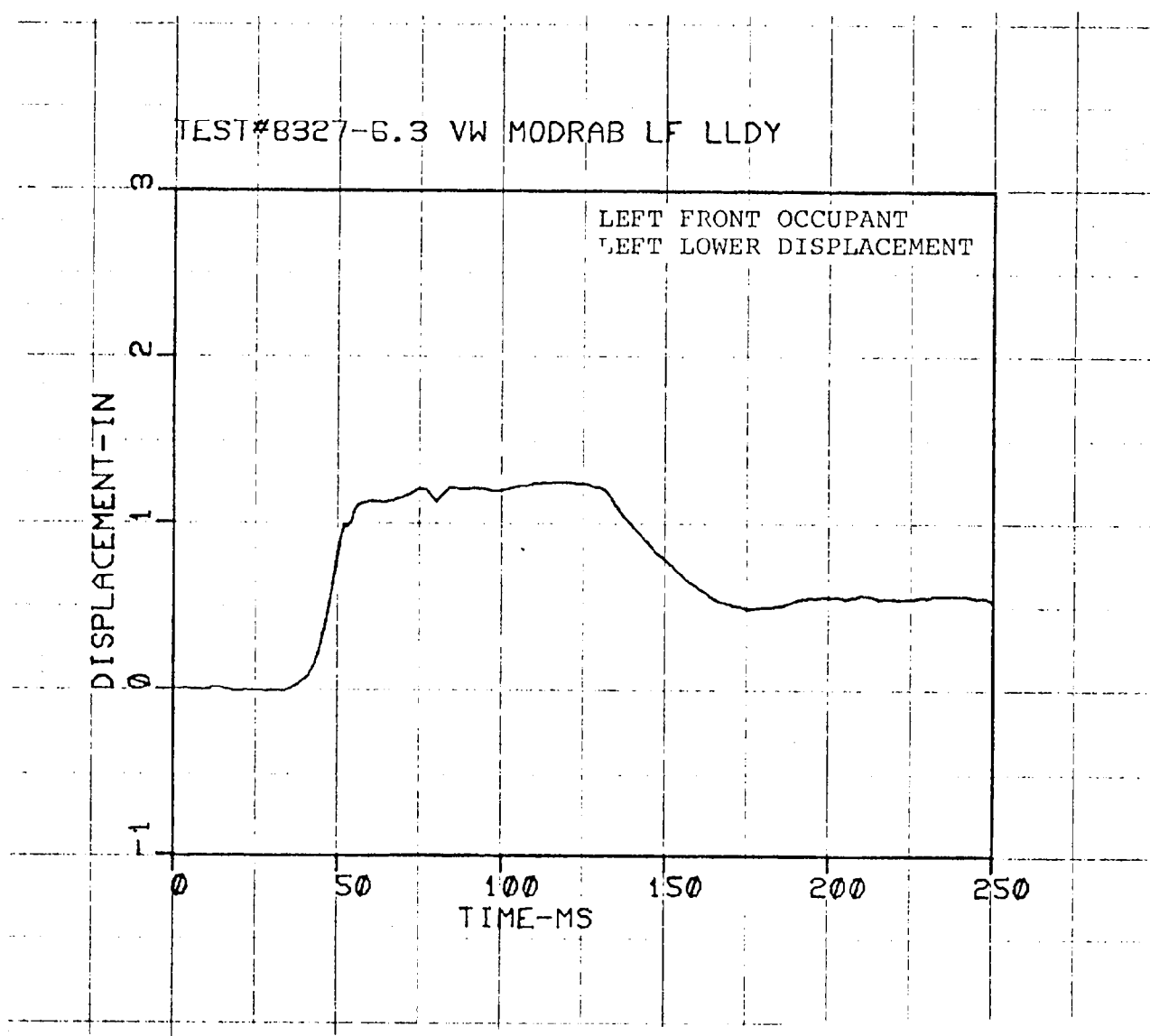
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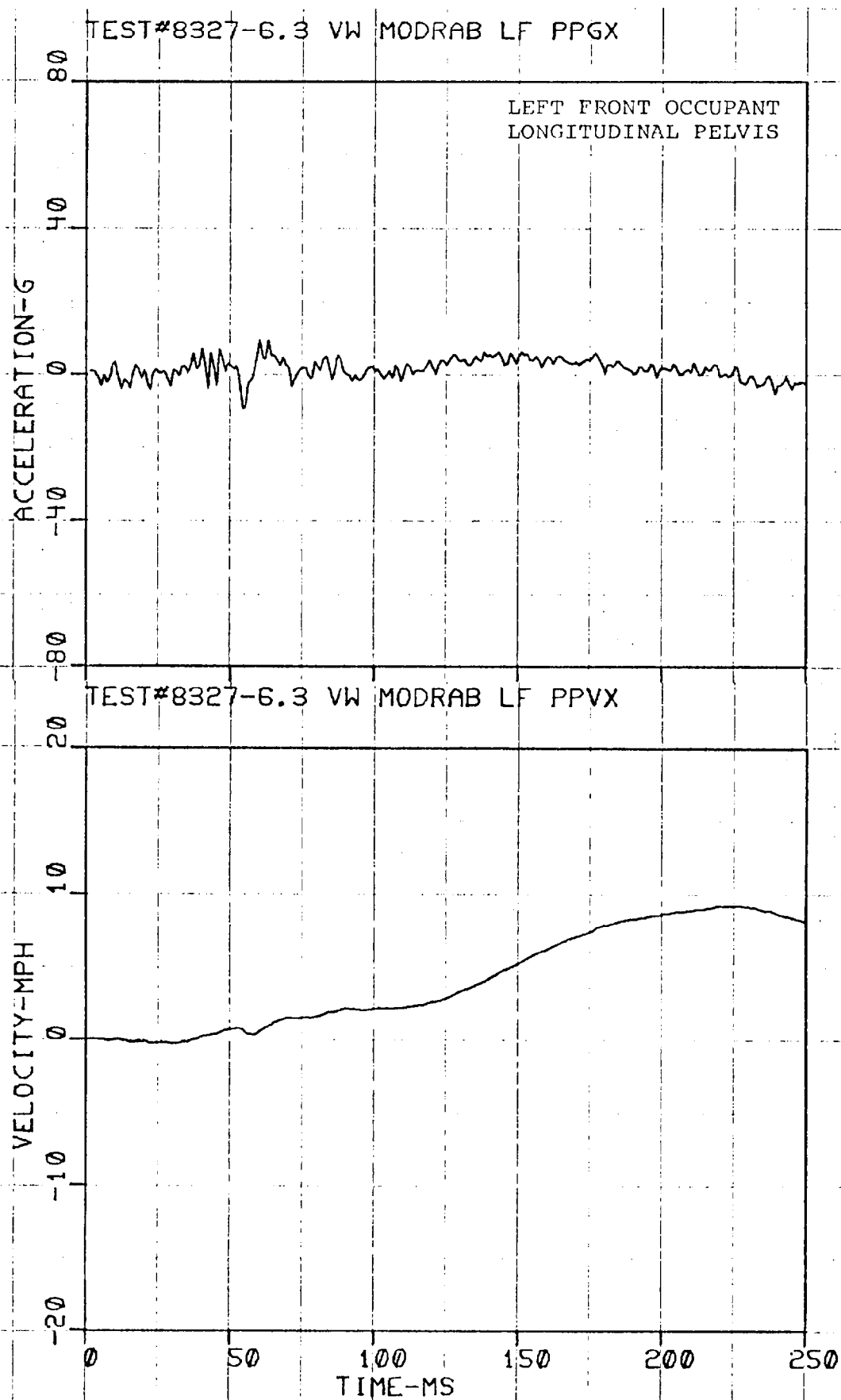


TEST#8327-6.3 VW MODRAB LF RL VY

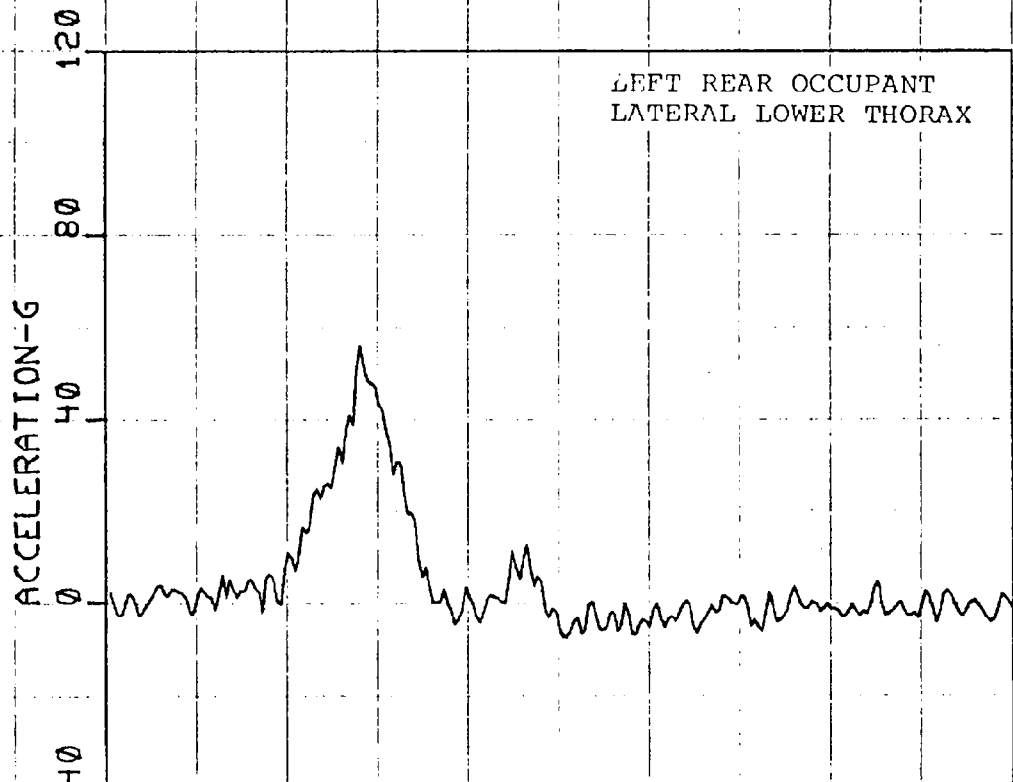




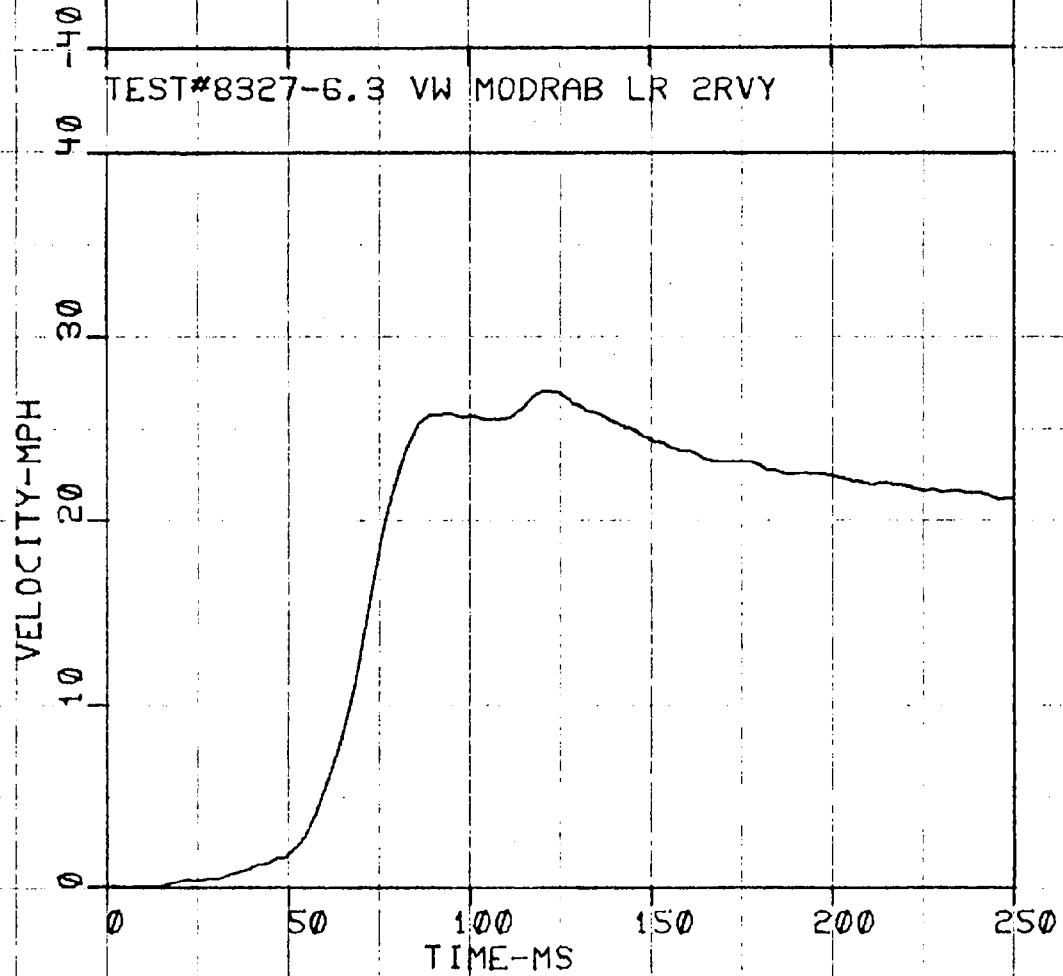


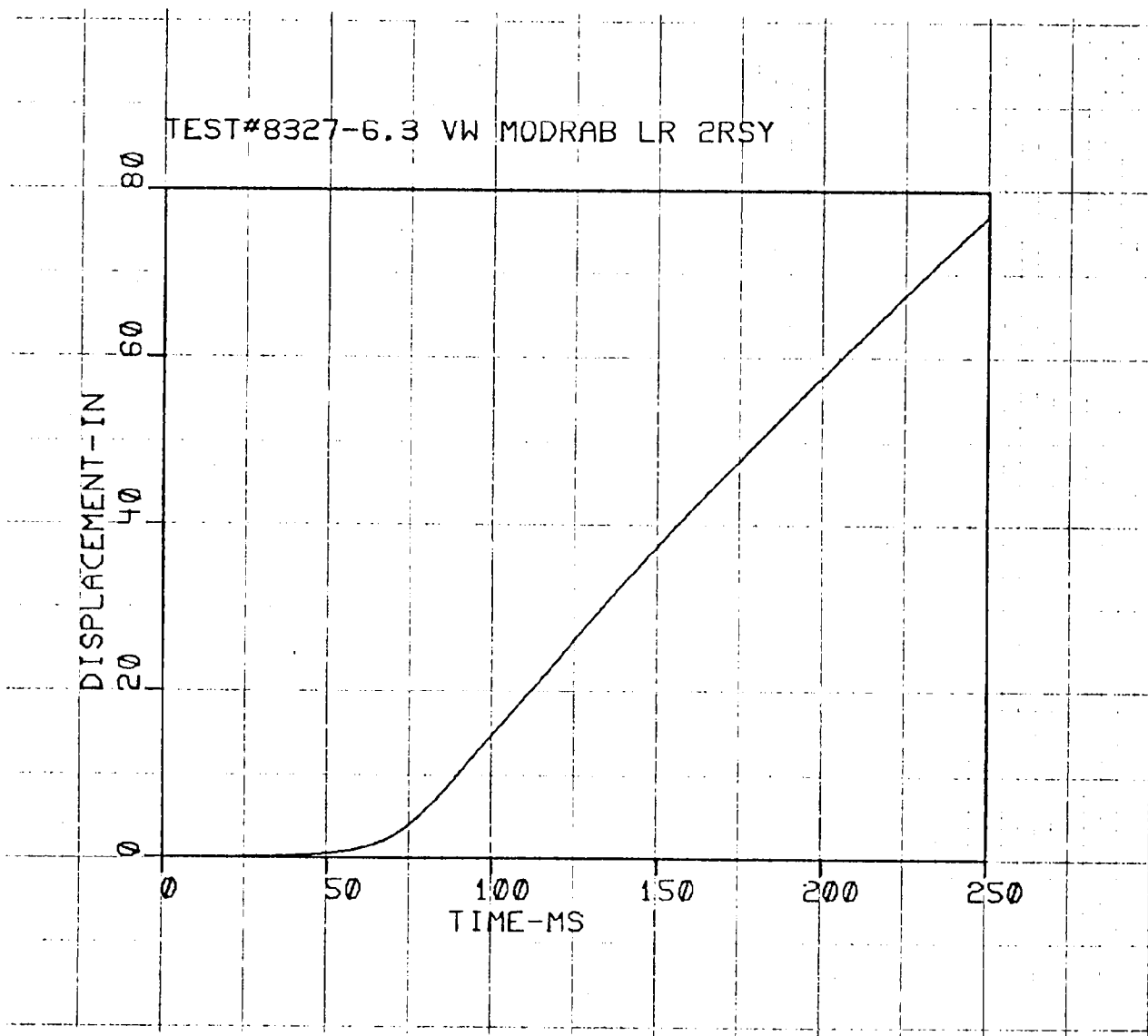


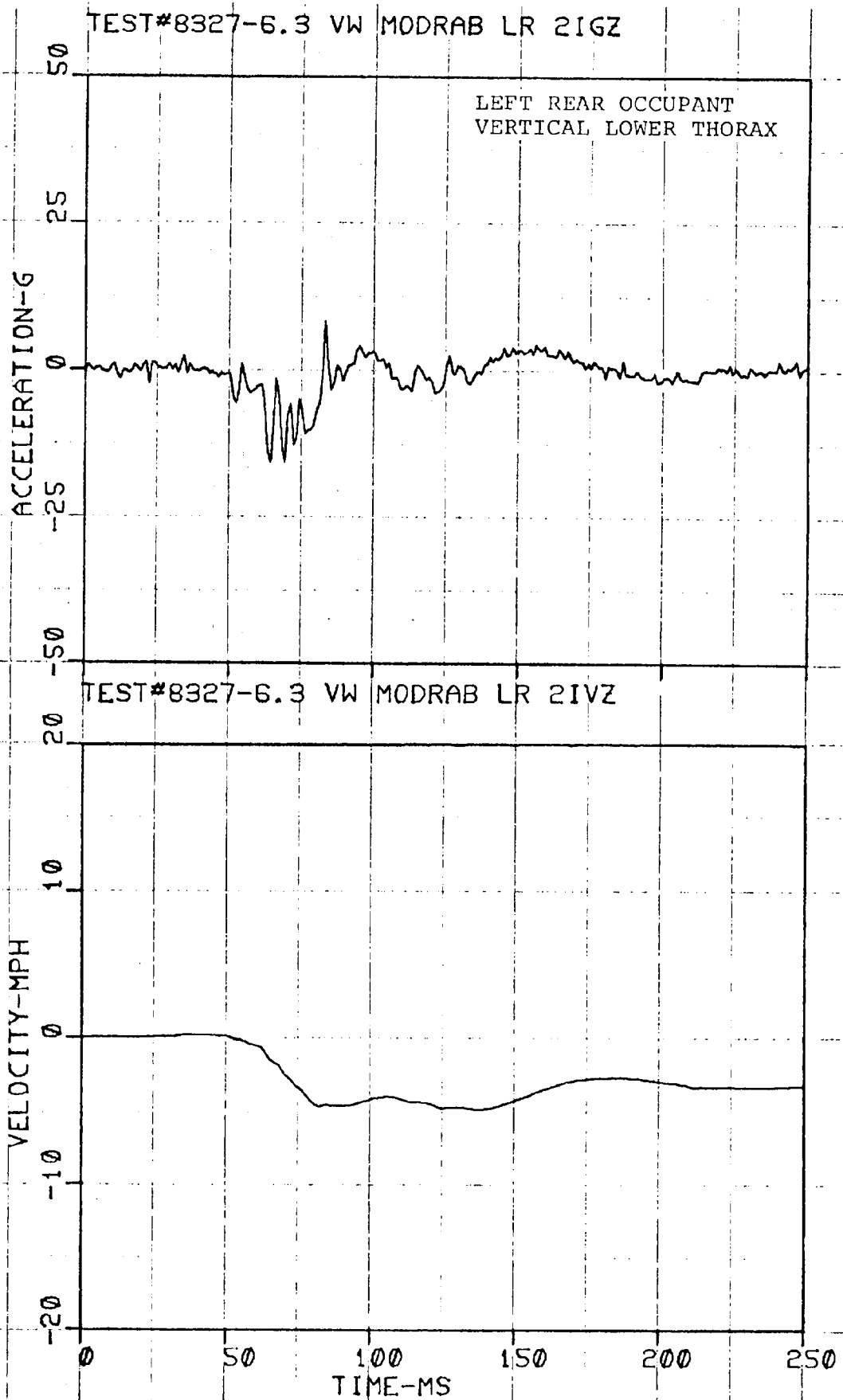
TEST#8327-6.3 VW MODRAB LR 2RGY

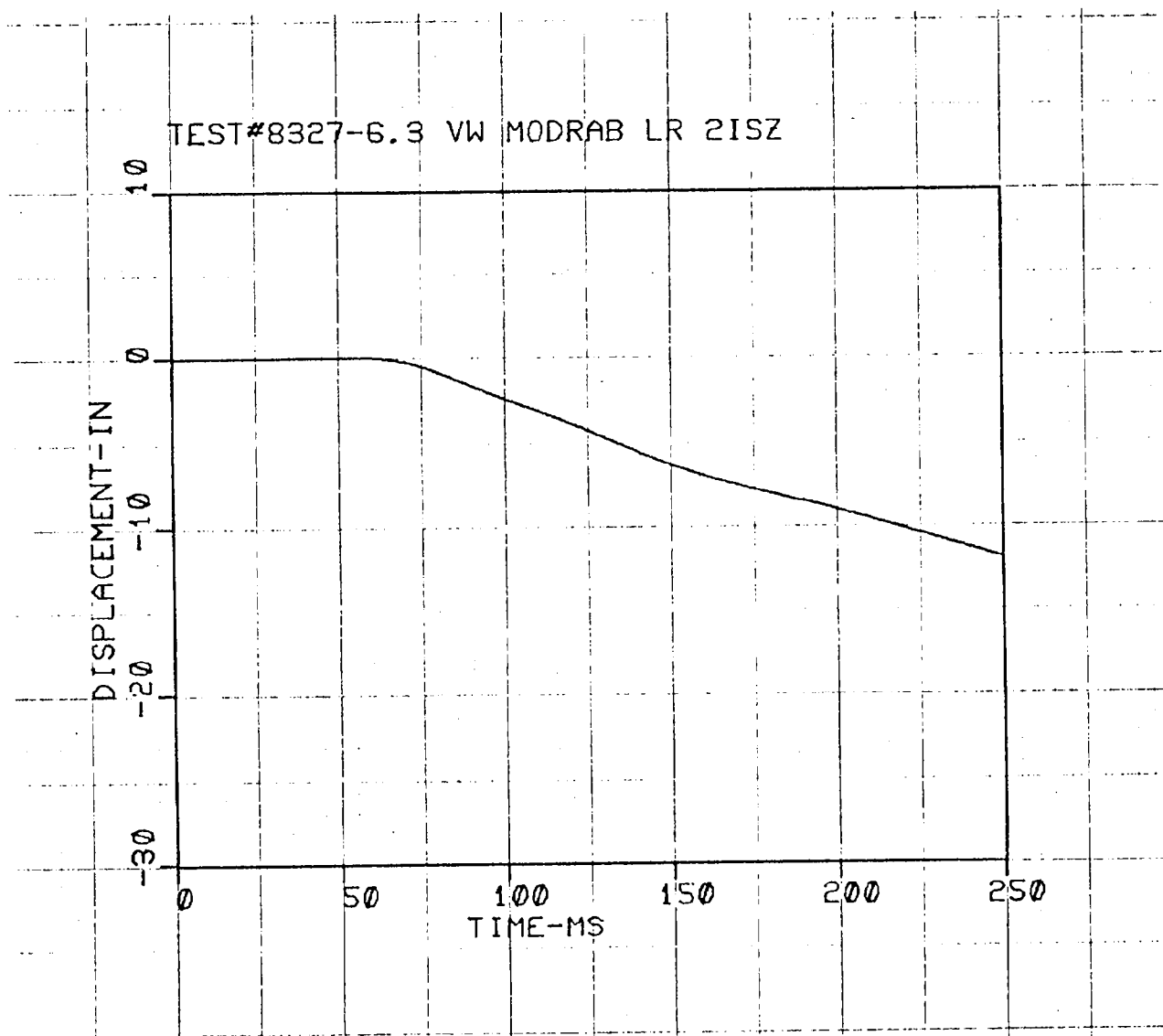


TEST#8327-6.3 VW MODRAB LR 2RVY

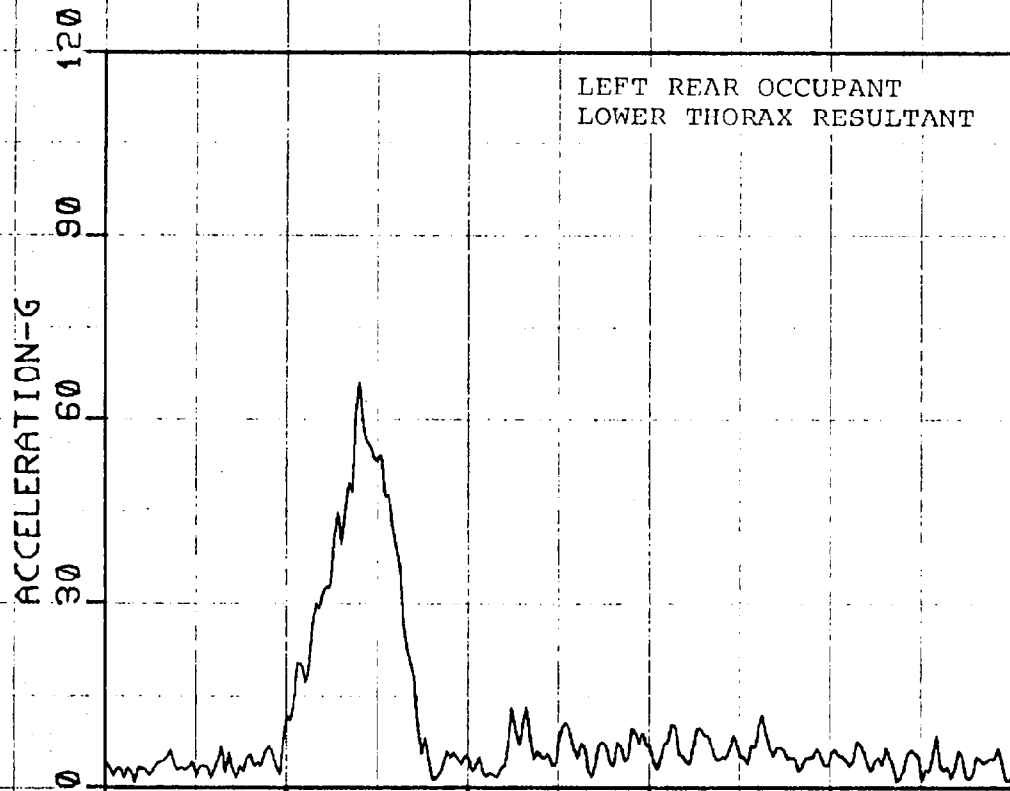




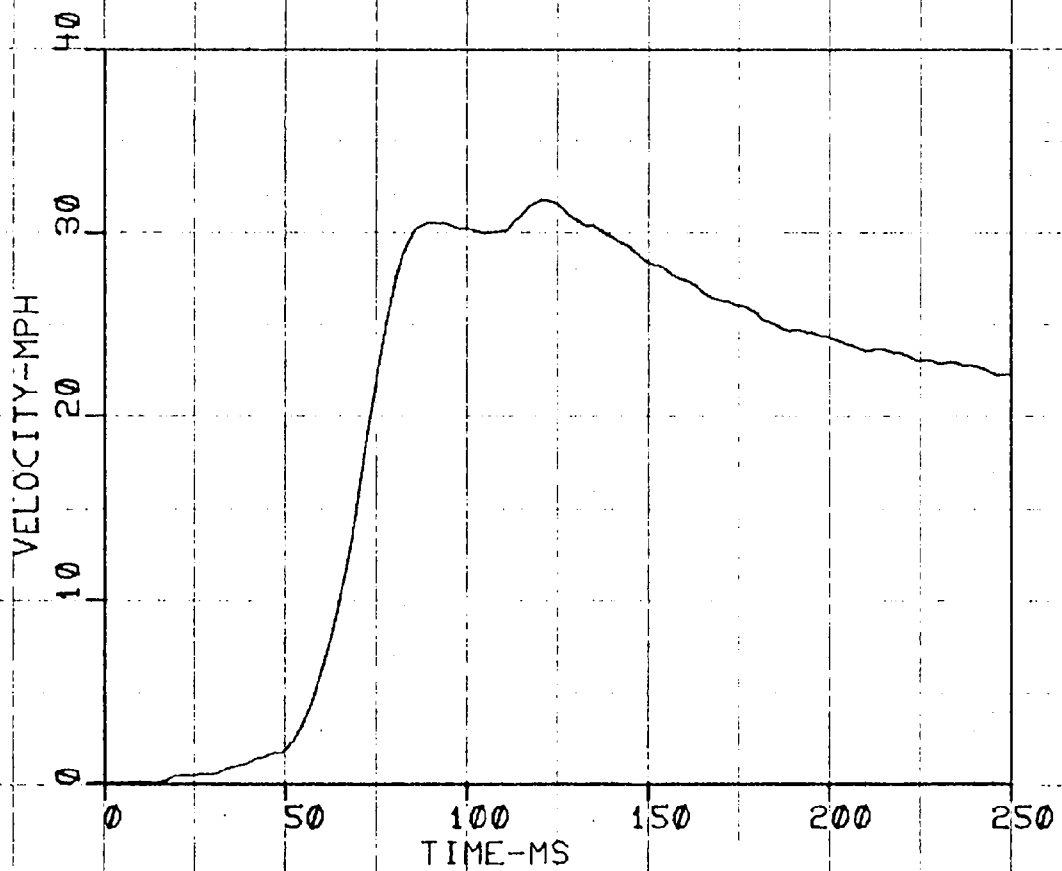


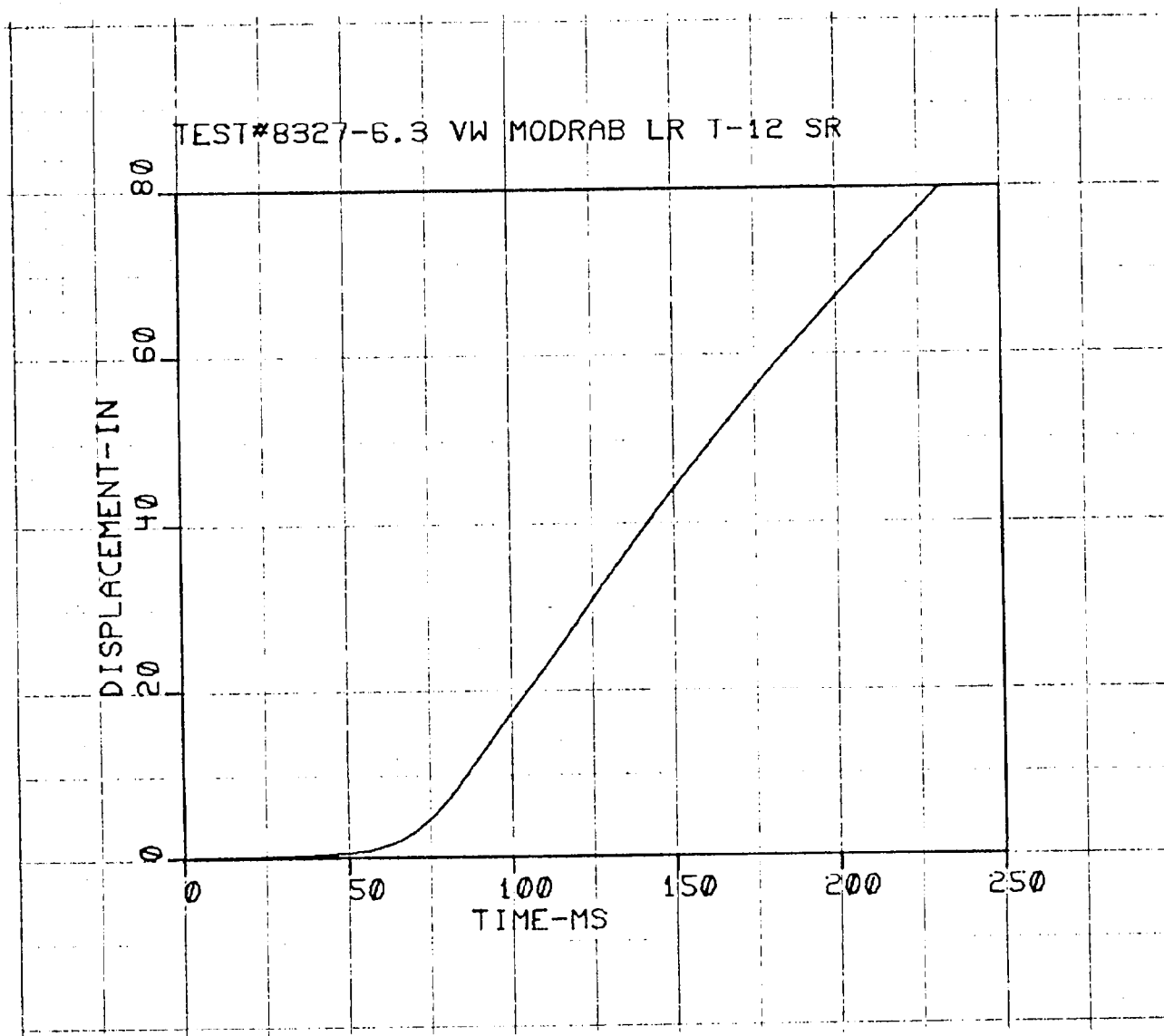


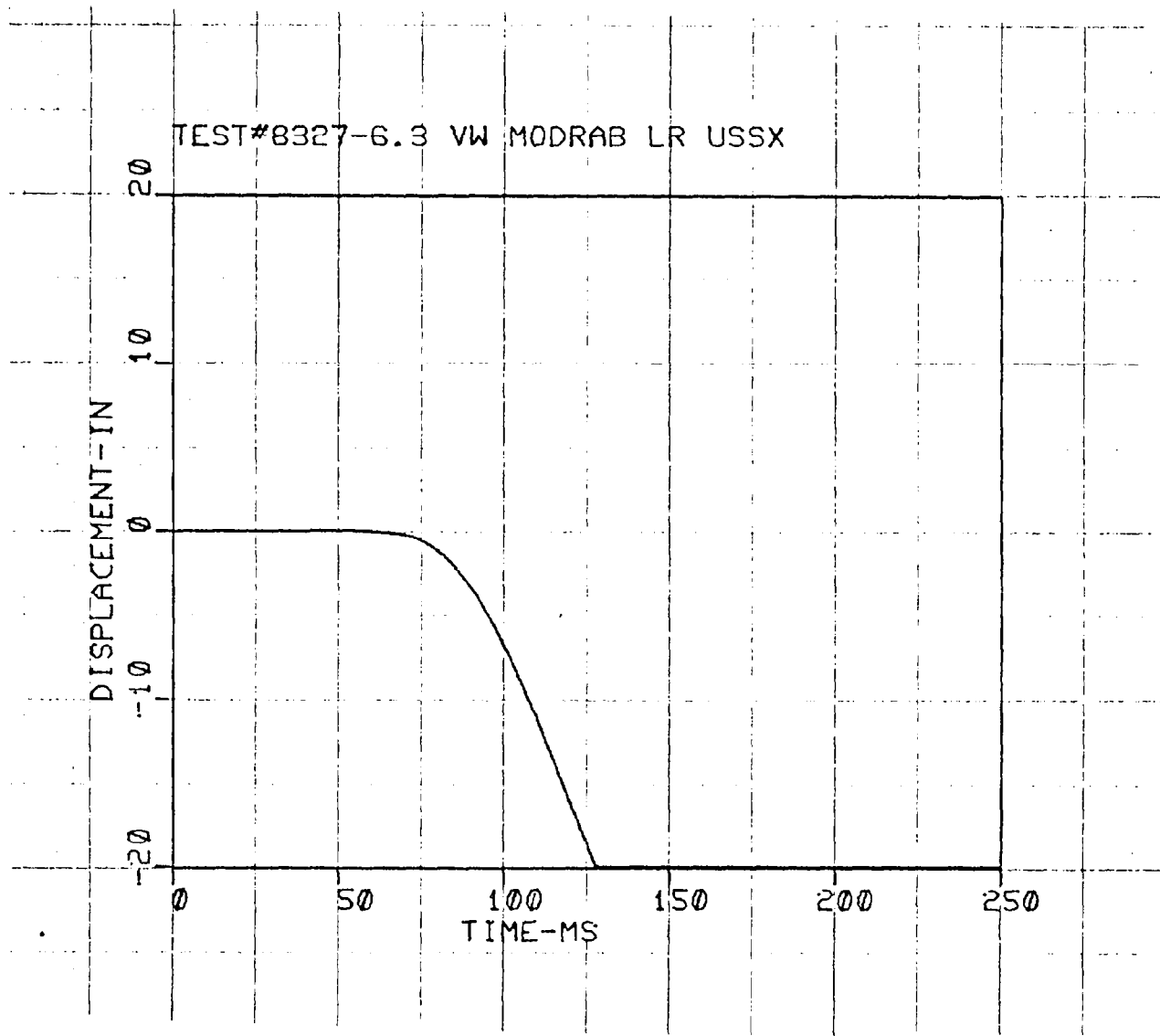
TEST#8327-6.3 VW MODRAB LR T-12 AR



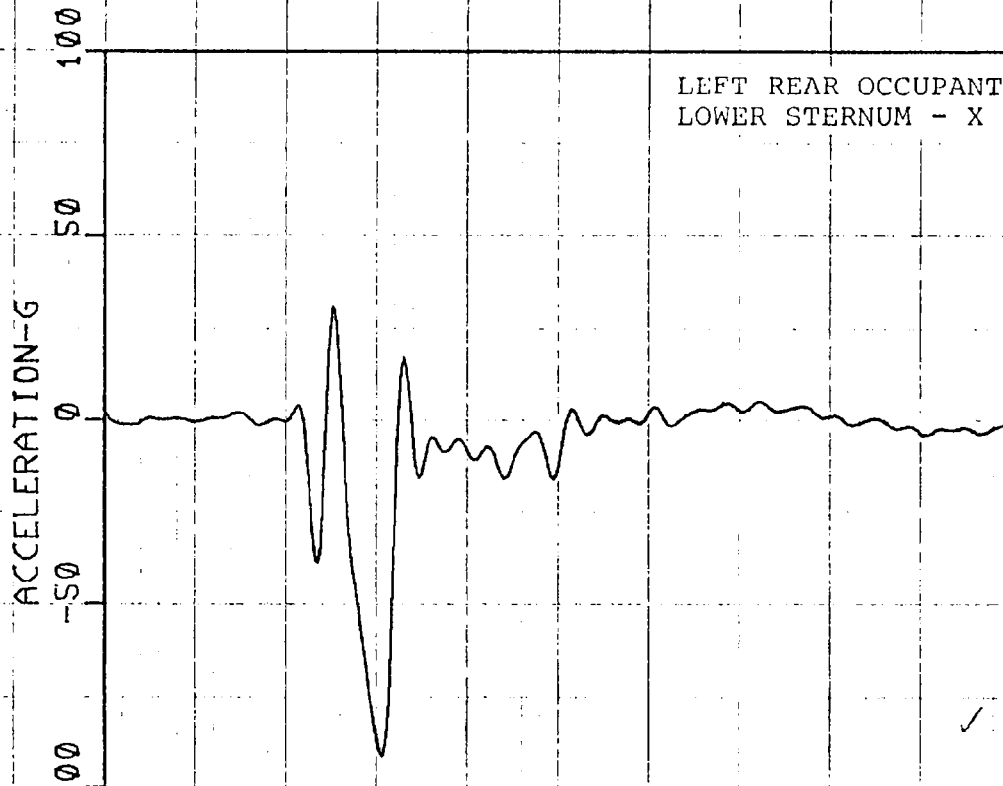
TEST#8327-6.3 VW MODRAB LR T-12 VR



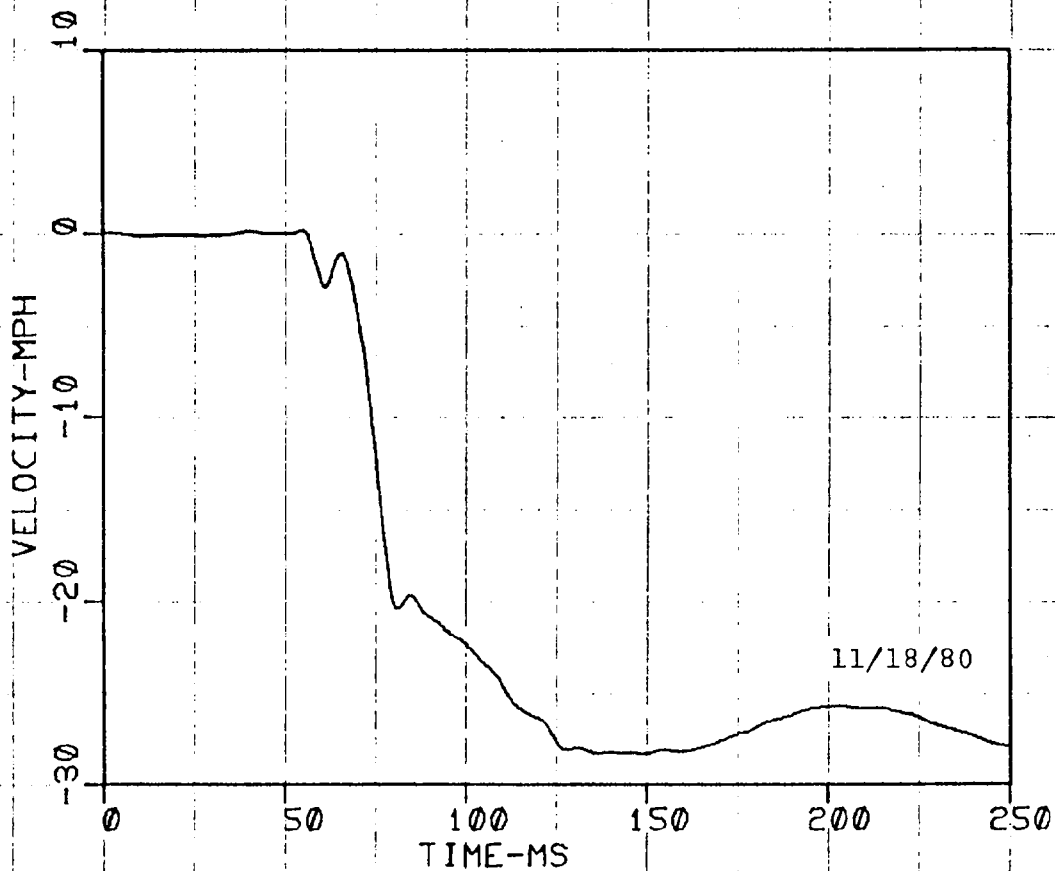


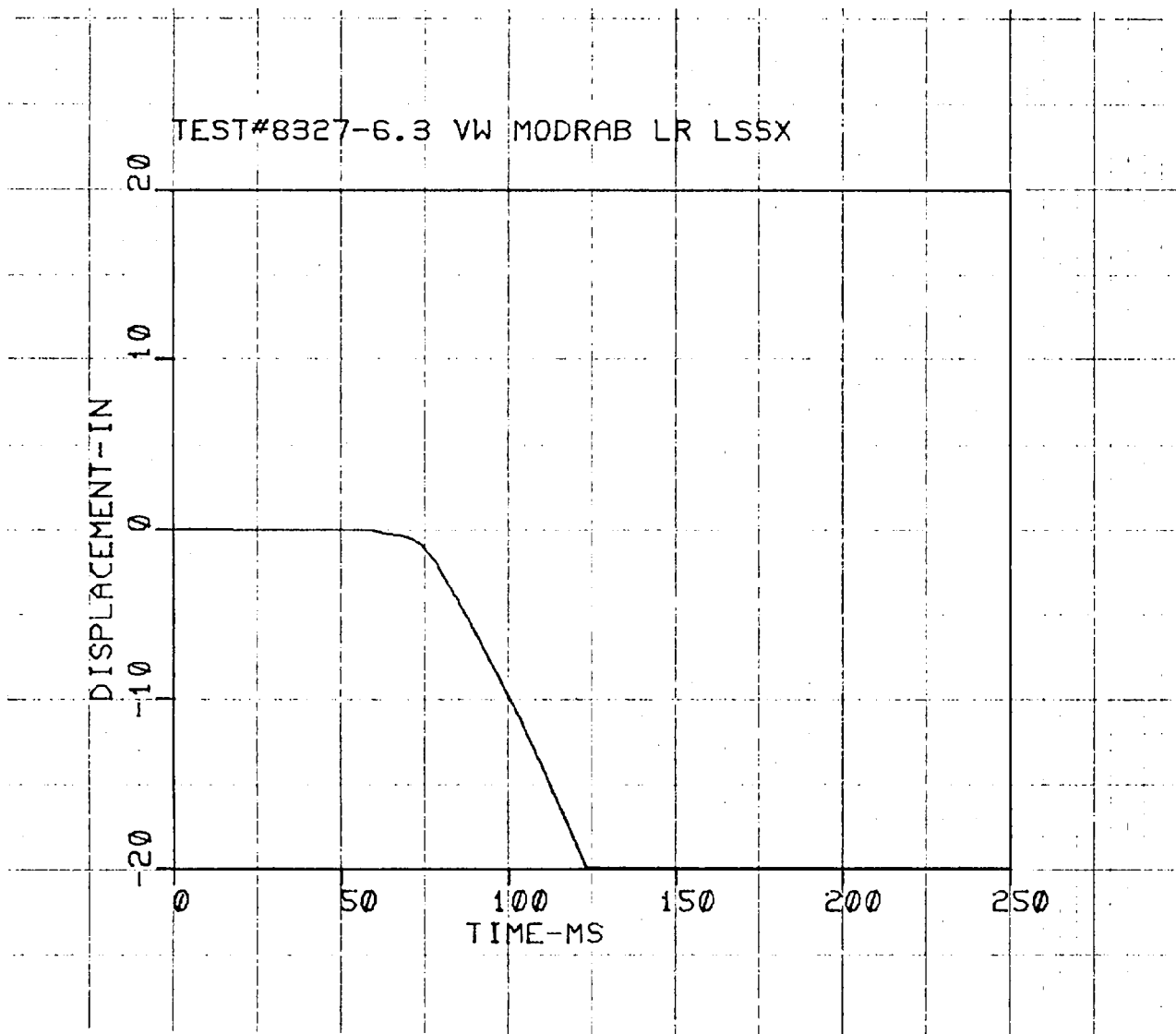


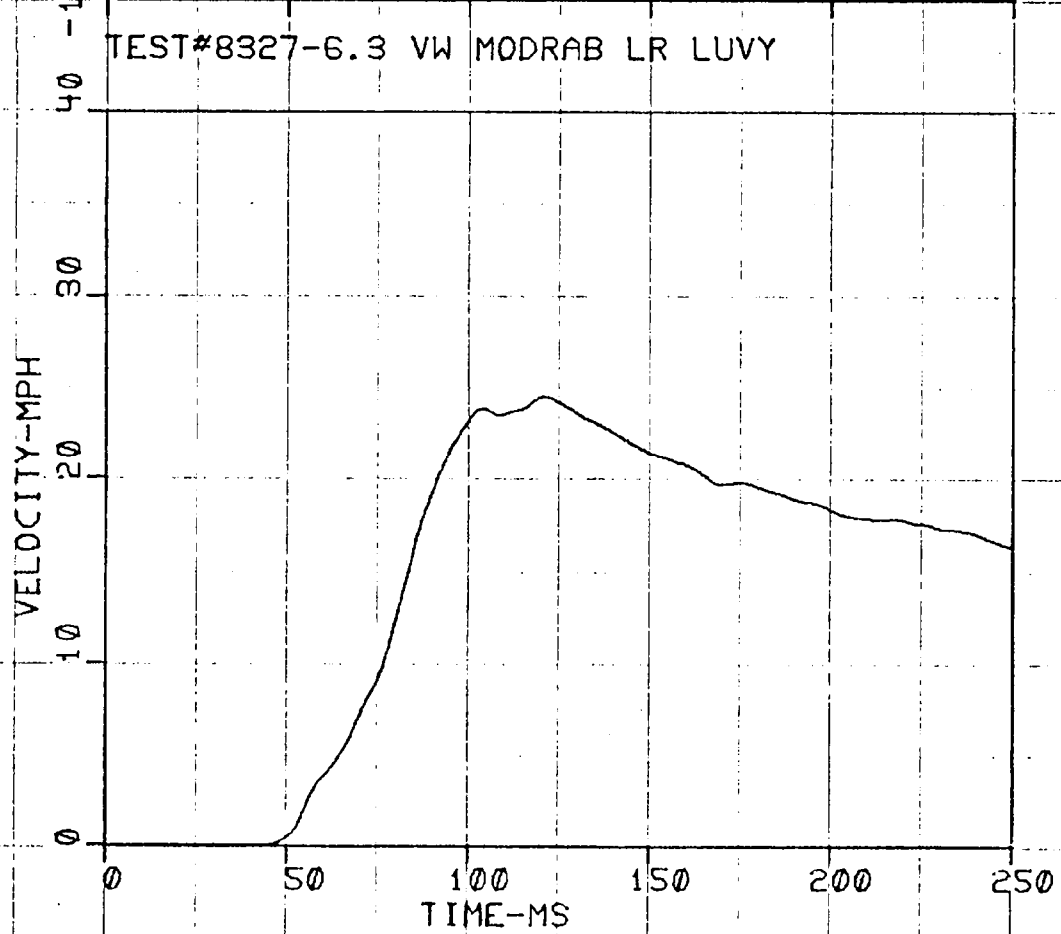
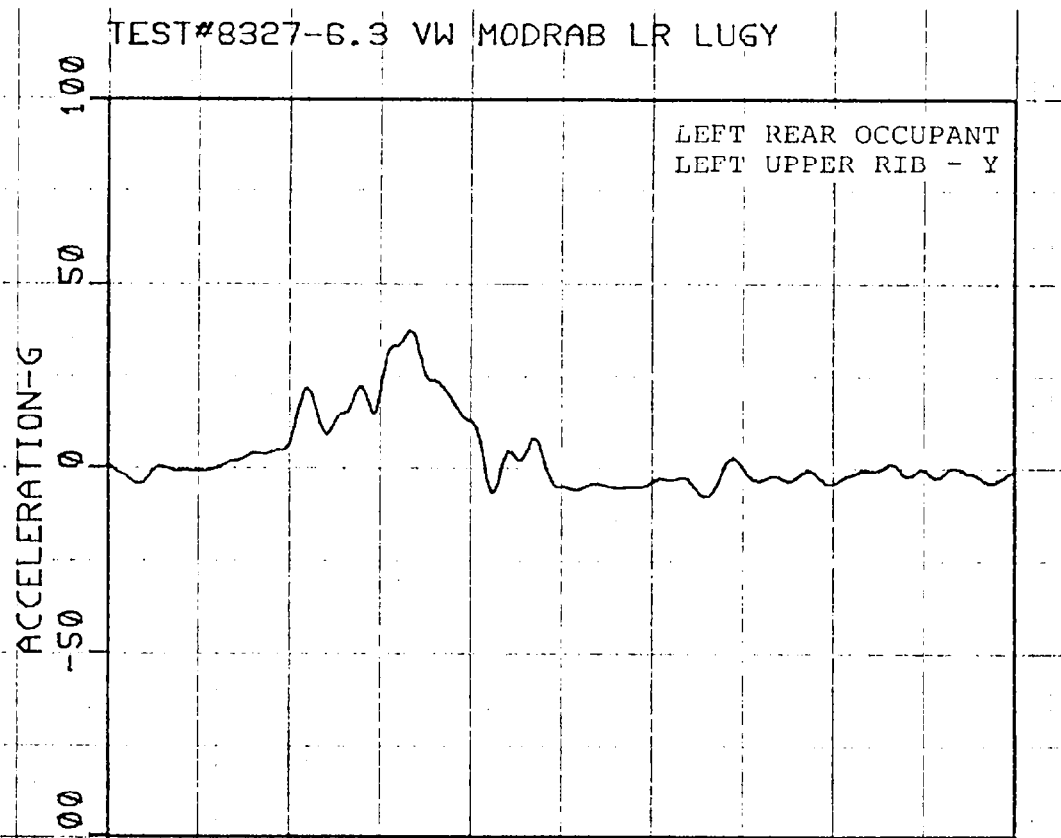
TEST#8327-6.3 VW MODRAB LR LSGX

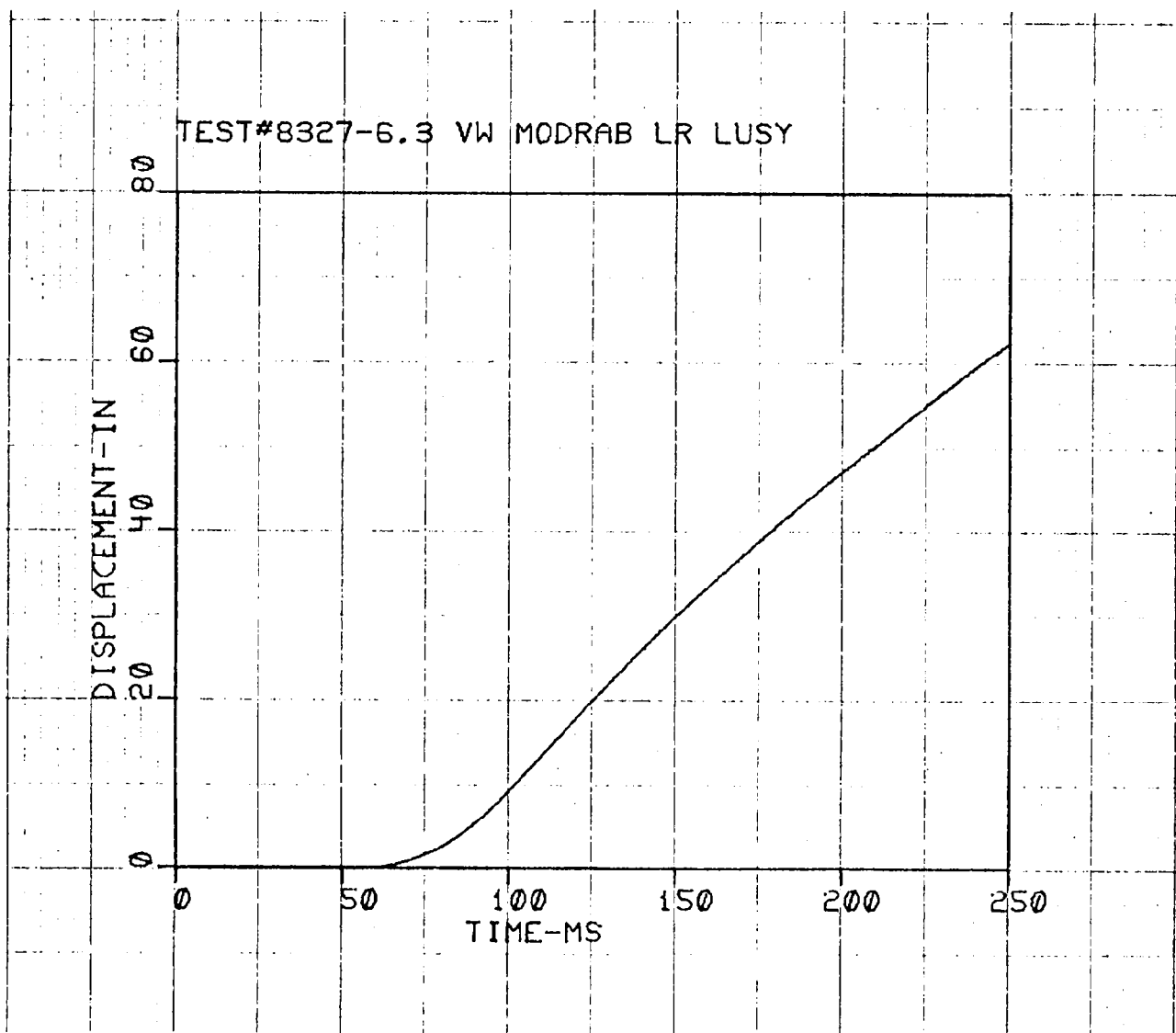


TEST#8327-6.3 VW MODRAB LR LSVX

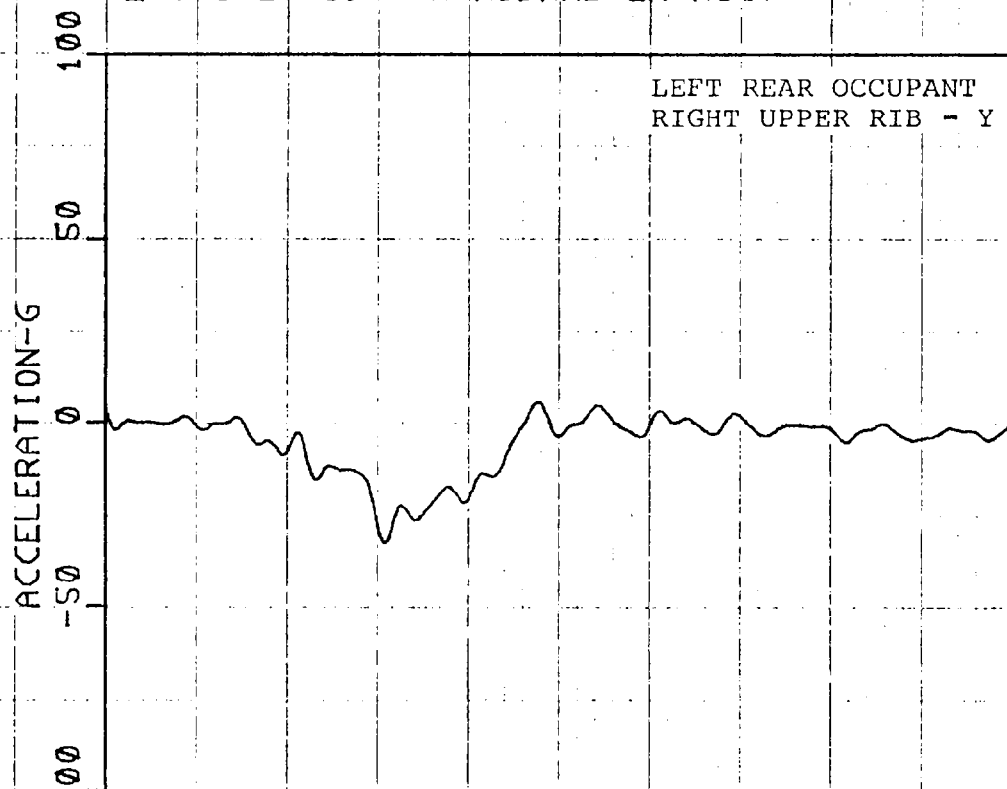




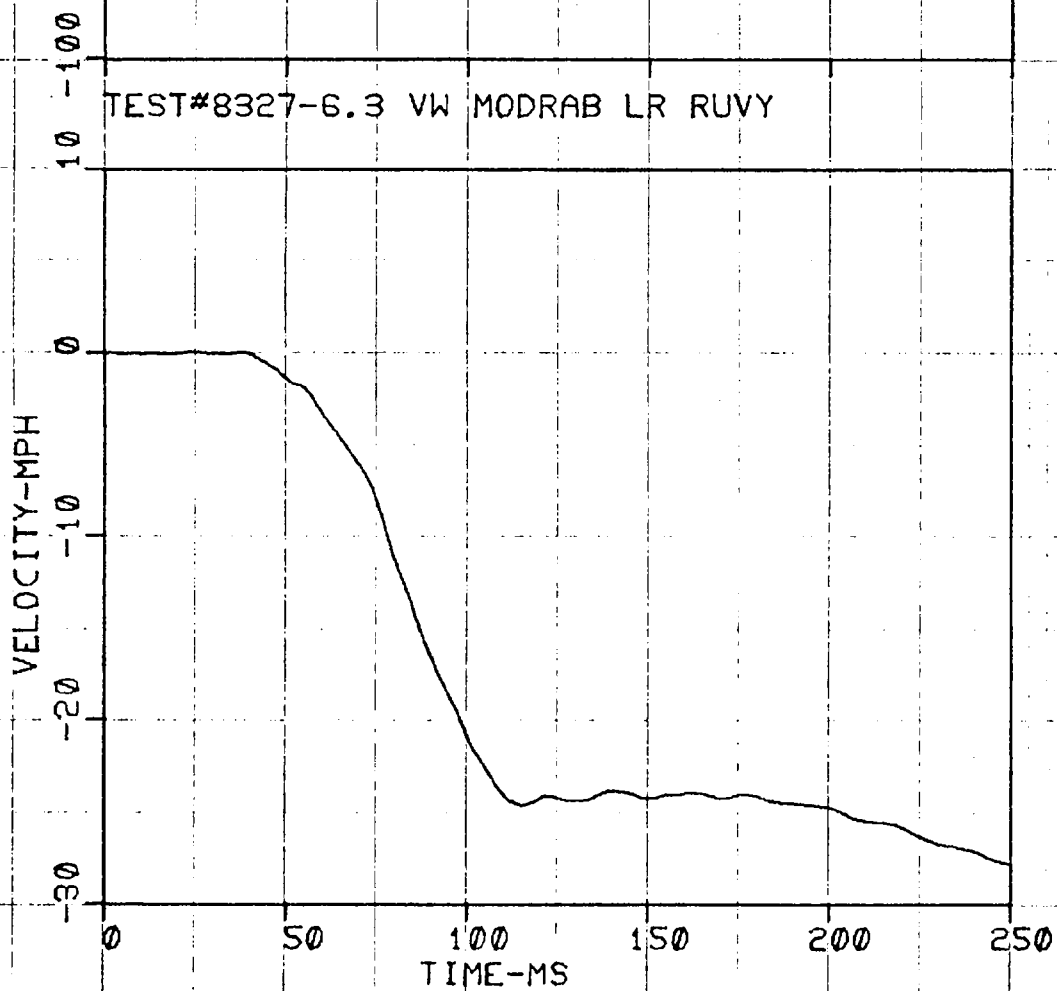


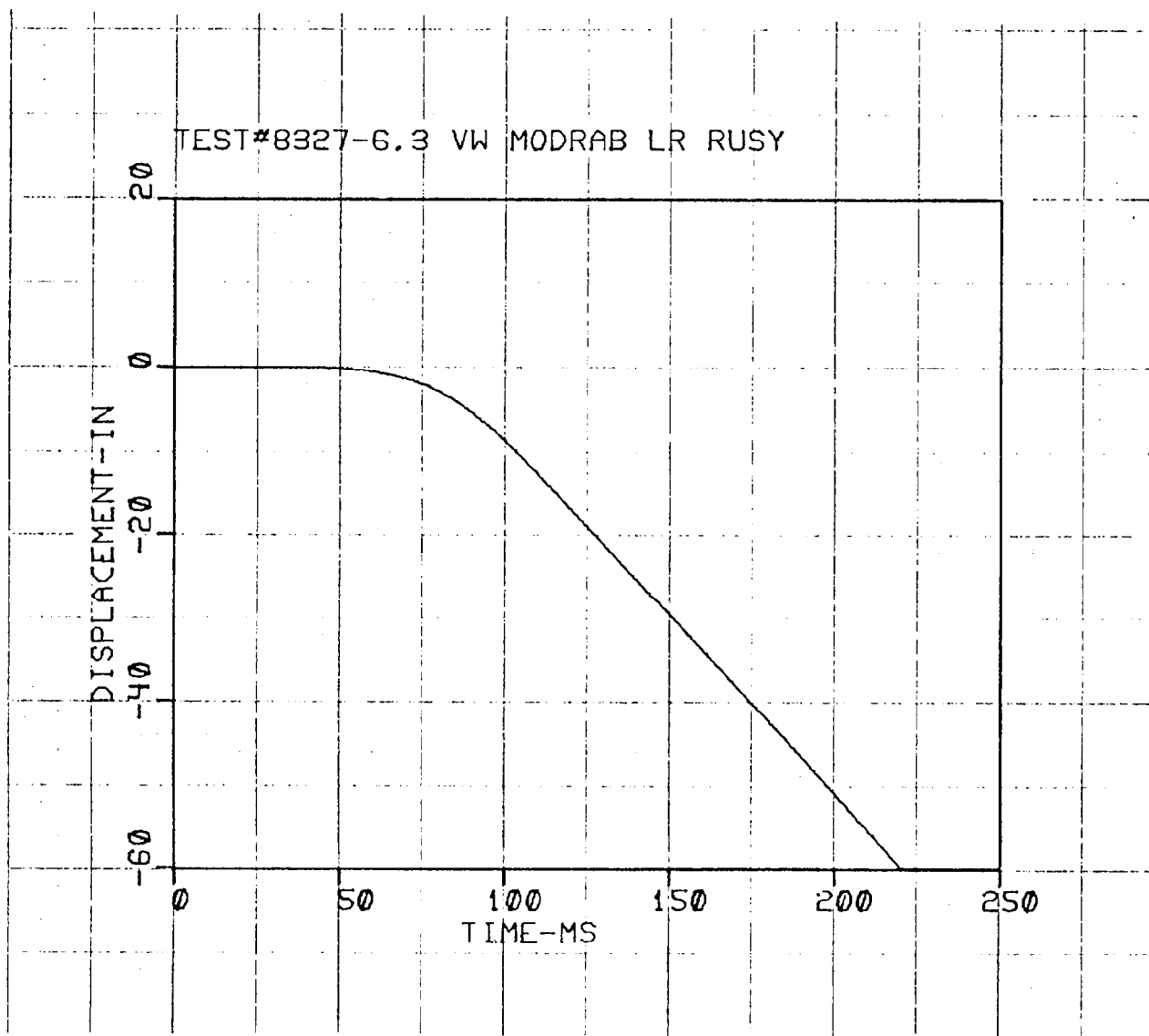


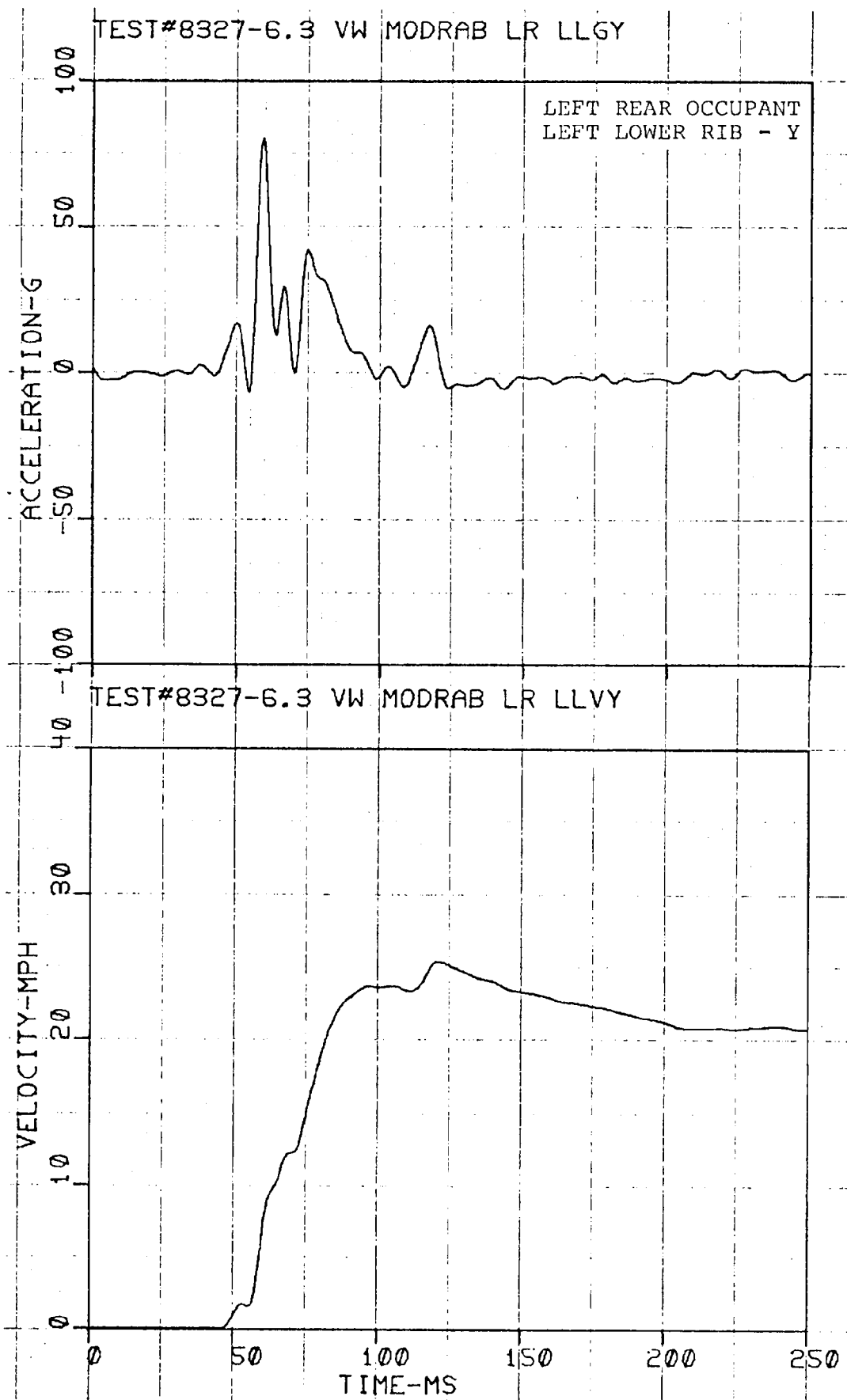
TEST#8327-6.3 VW MODRAB LR RUGY

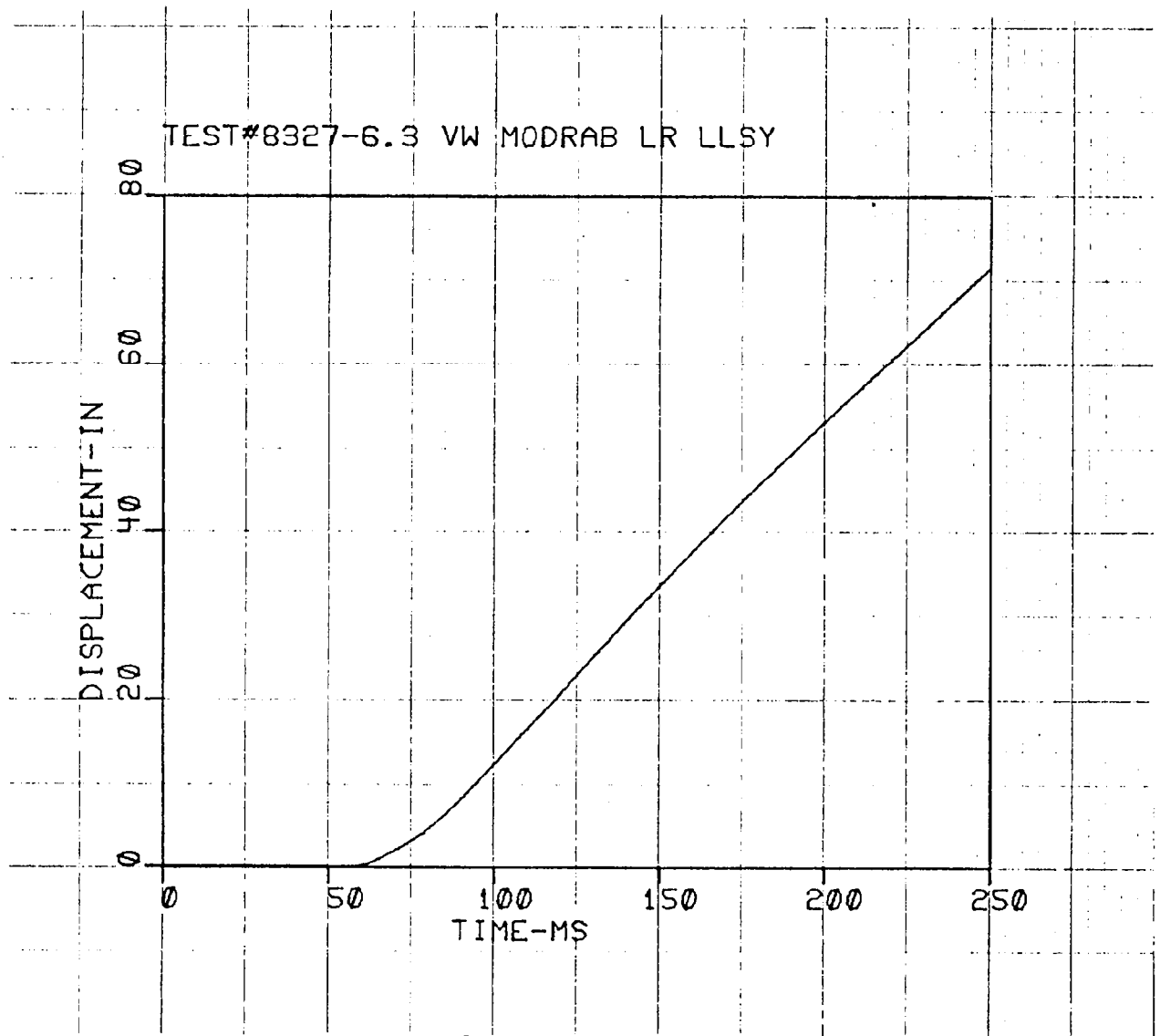


TEST#8327-6.3 VW MODRAB LR RUVY









TEST#8327-6.3 VW MODRAB LR RLGX

LEFT REAR OCCUPANT
RIGHT LOWER RIB - X

ACCELERATION-G

100

50

0

-50

-100

TEST#8327-6.3 VW MODRAB LR RLVX

10

VELOCITY-MPH

0

-10

-20

-30

TIME-MS

0

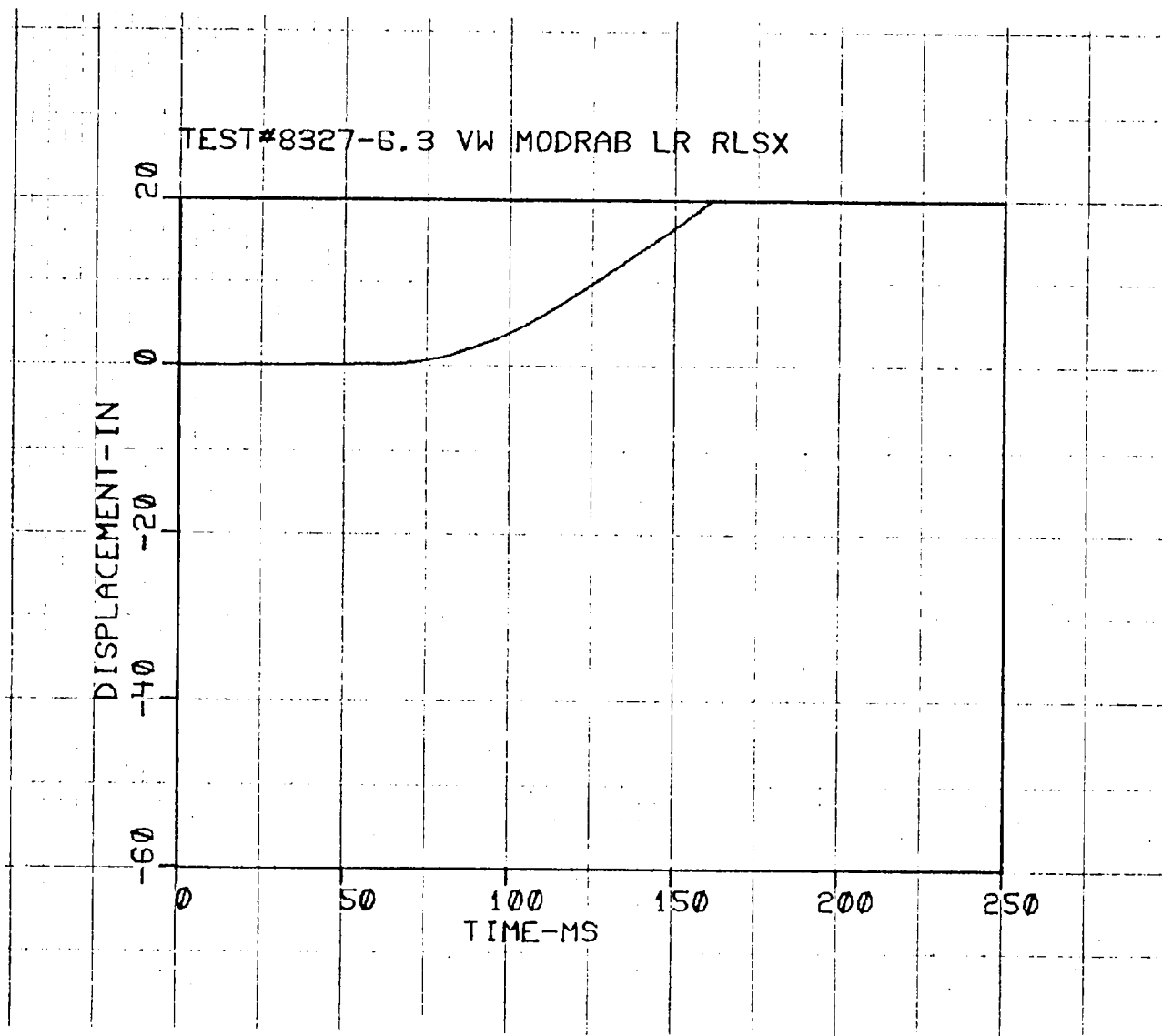
50

100

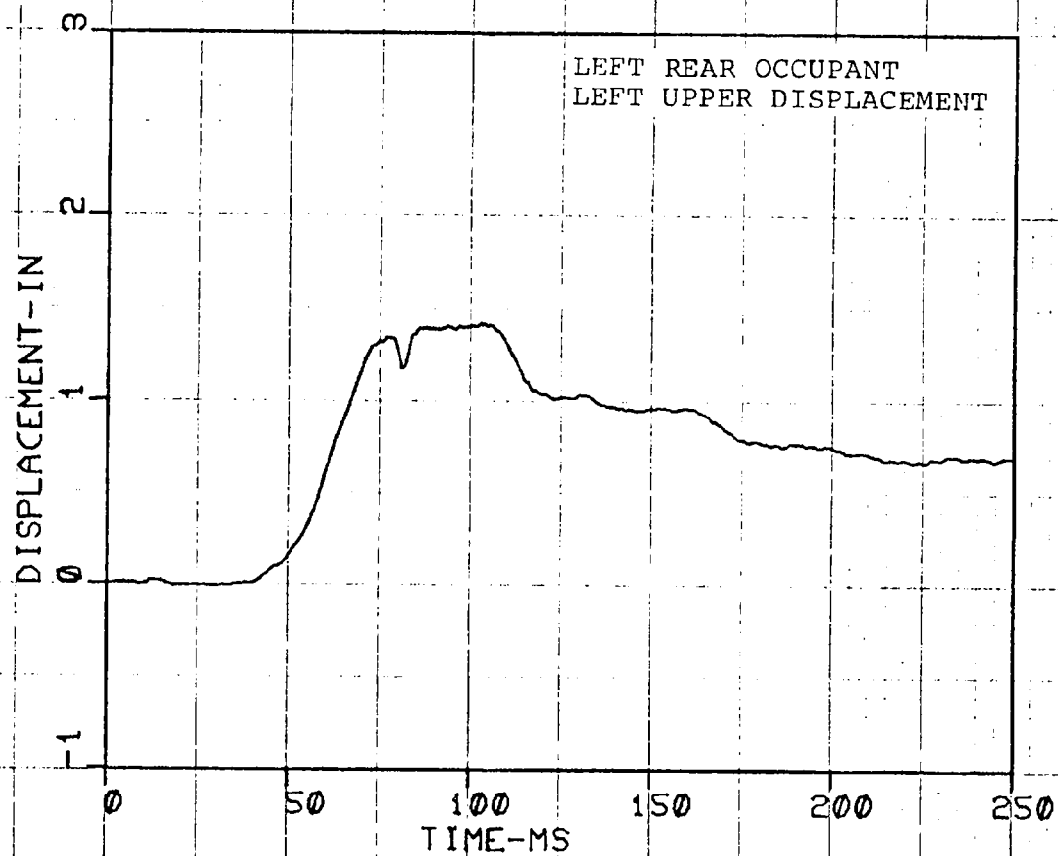
150

200

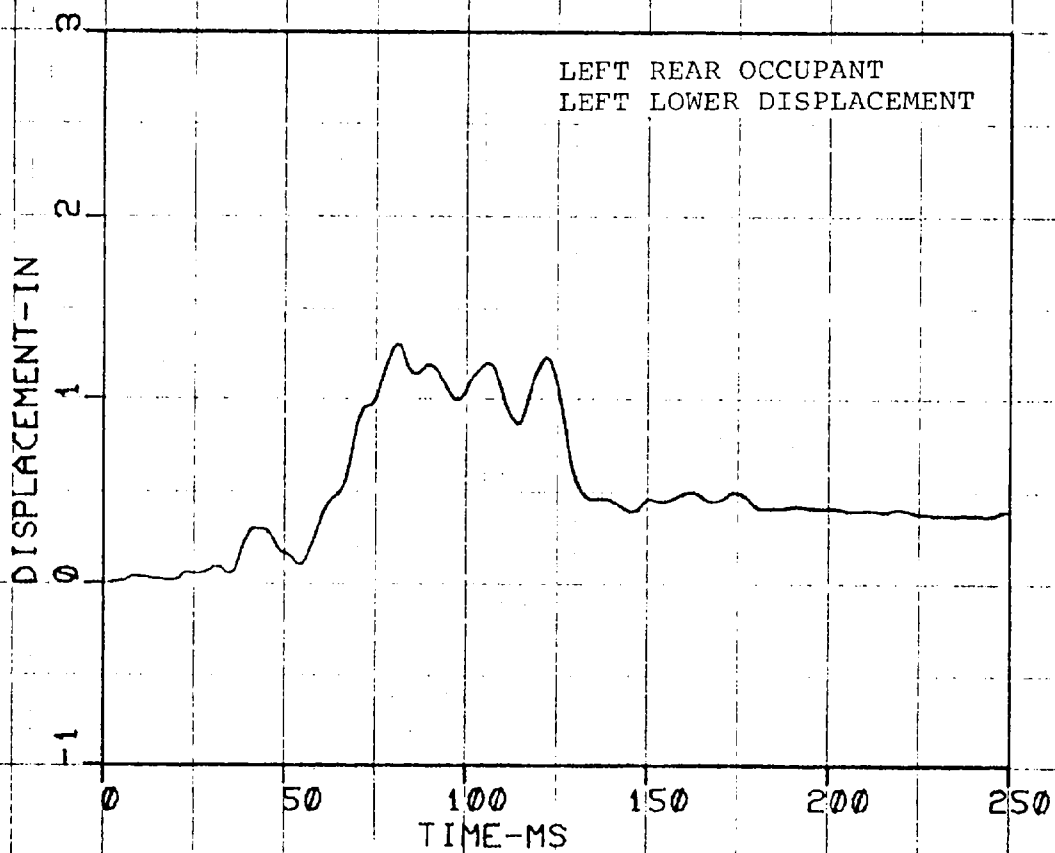
250



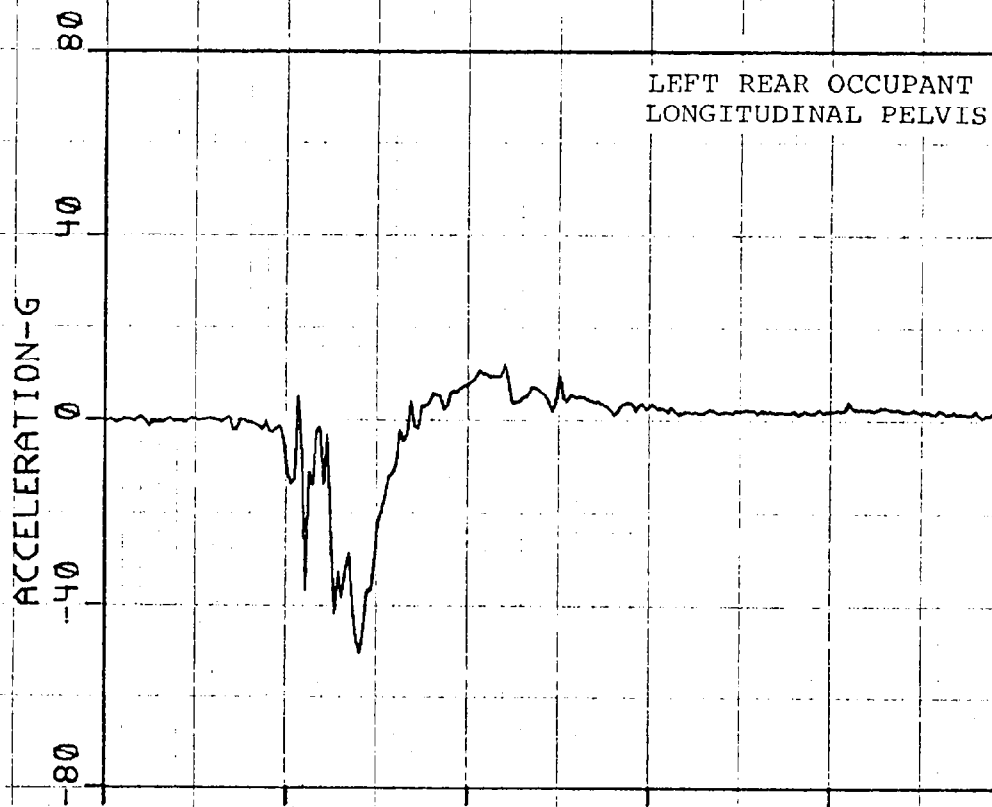
TEST#8327-6.3 VW MODRAB LR LUDY



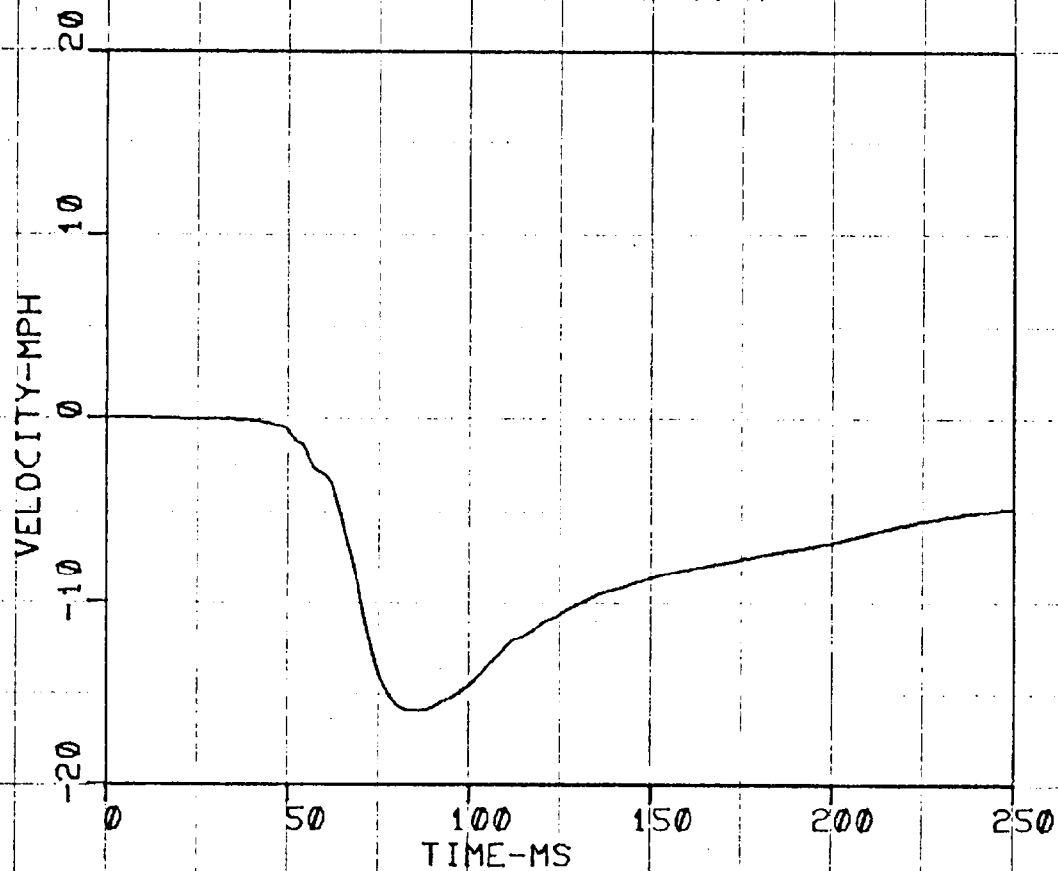
TEST#8327-6.3 VW MODRAB LR LLDY

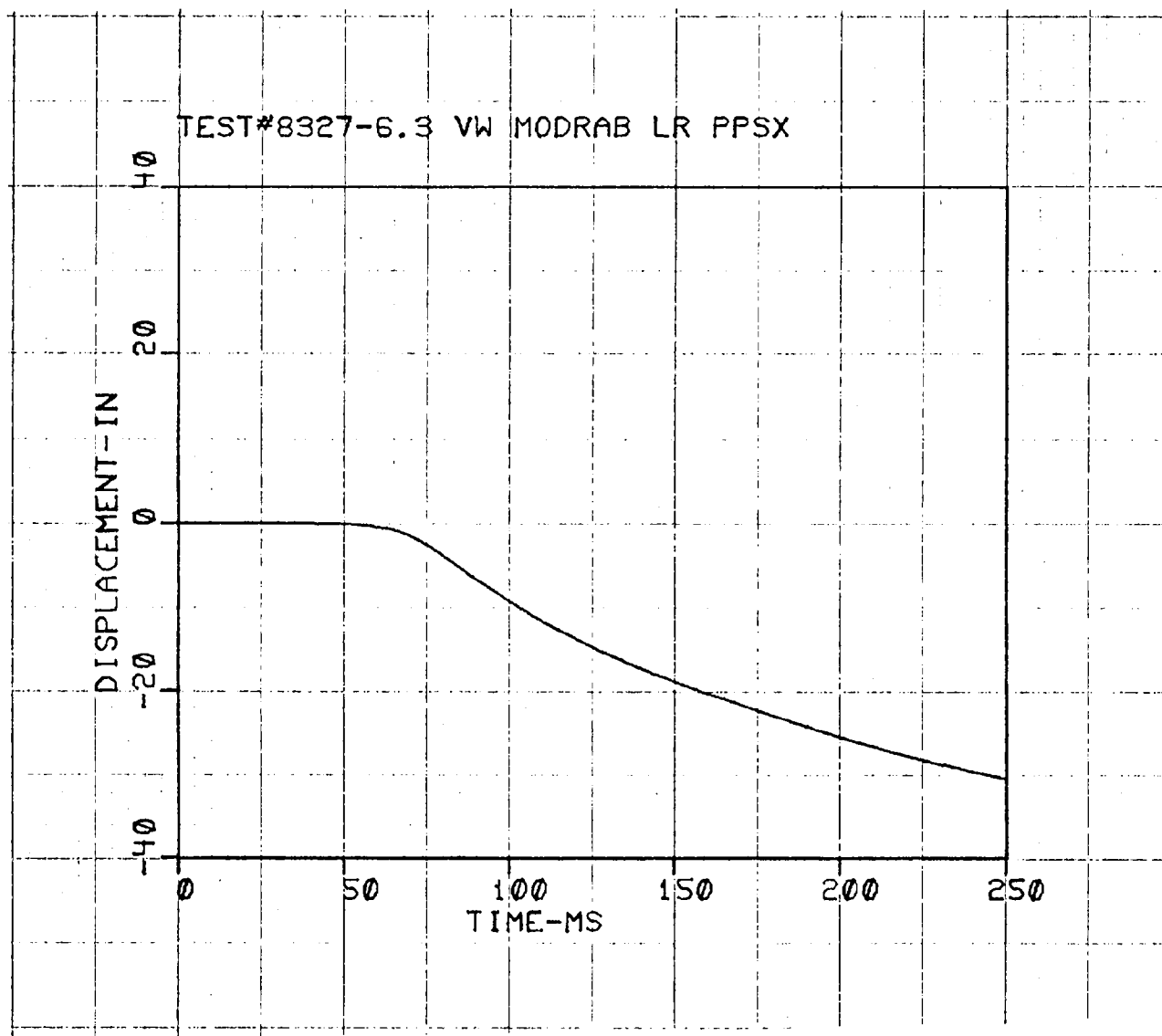


TEST#8327-6.3 VW MODRAB LR PPGX

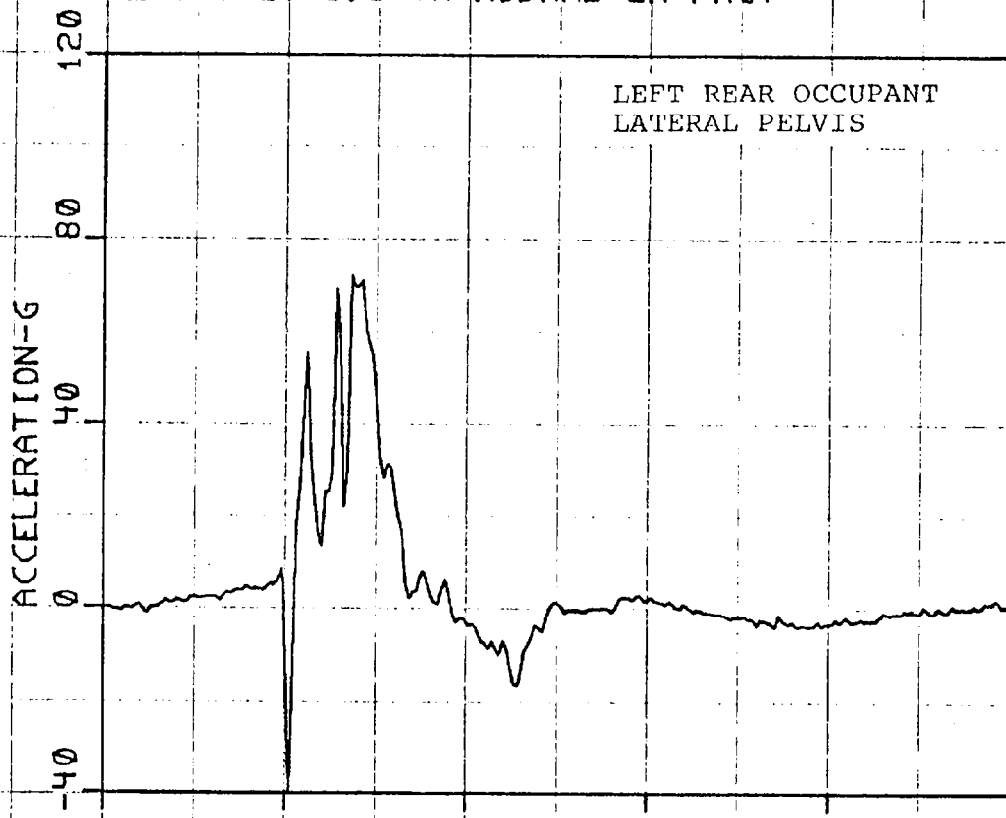


TEST#8327-6.3 VW MODRAB LR PPVX

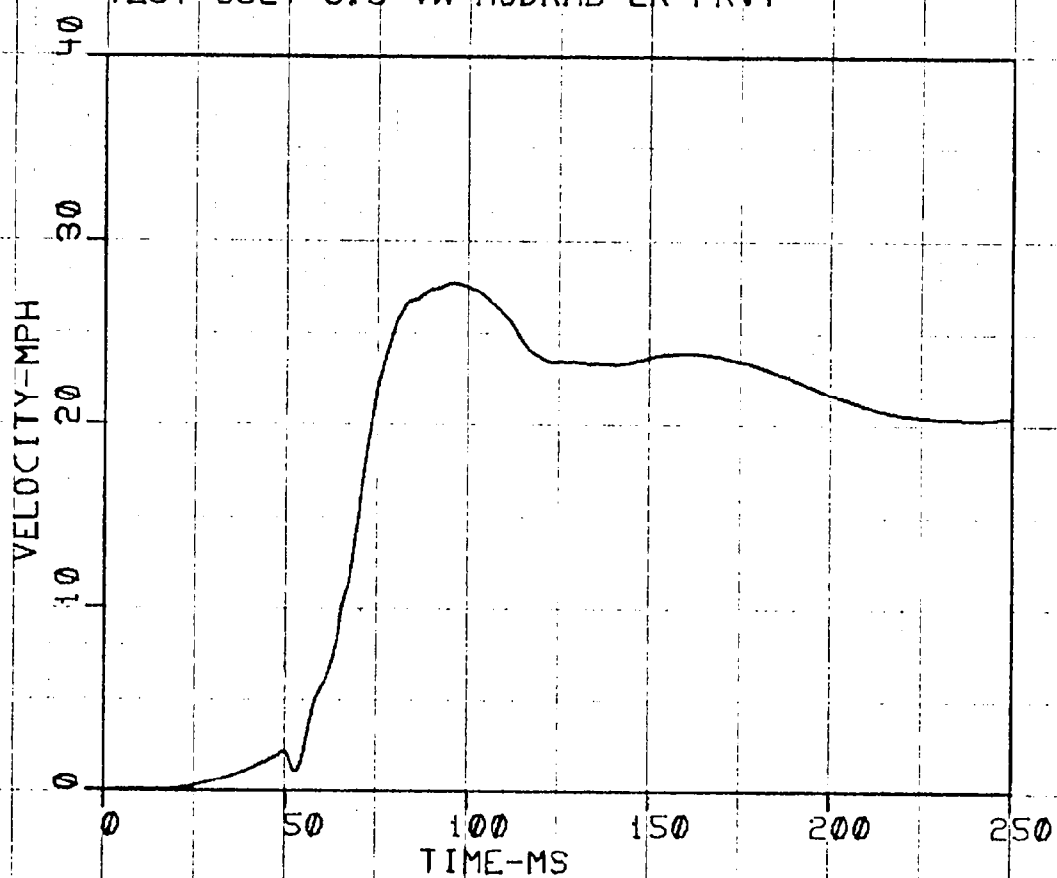


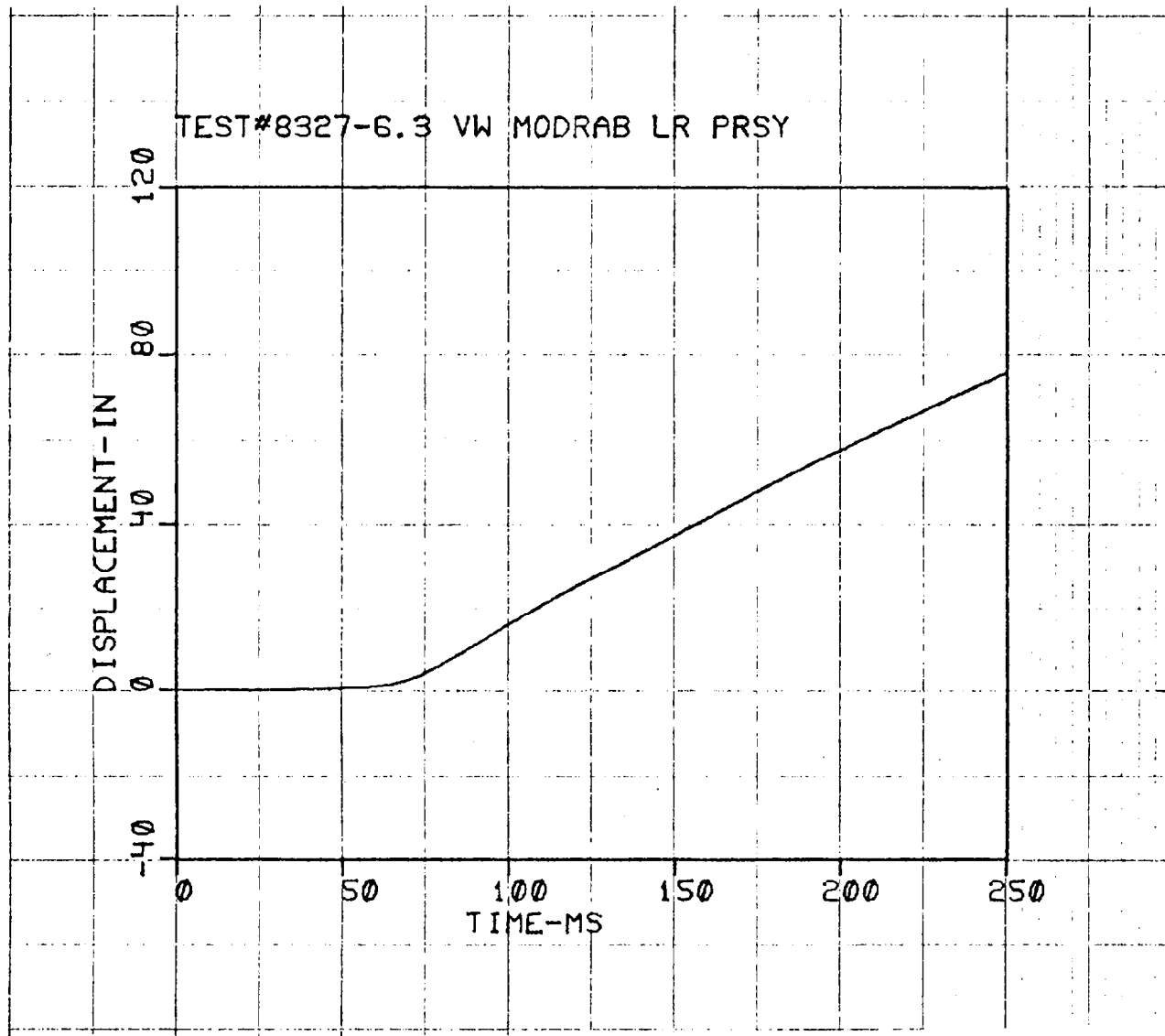


TEST#8327-6.3 VW MODRAB LR PRGY

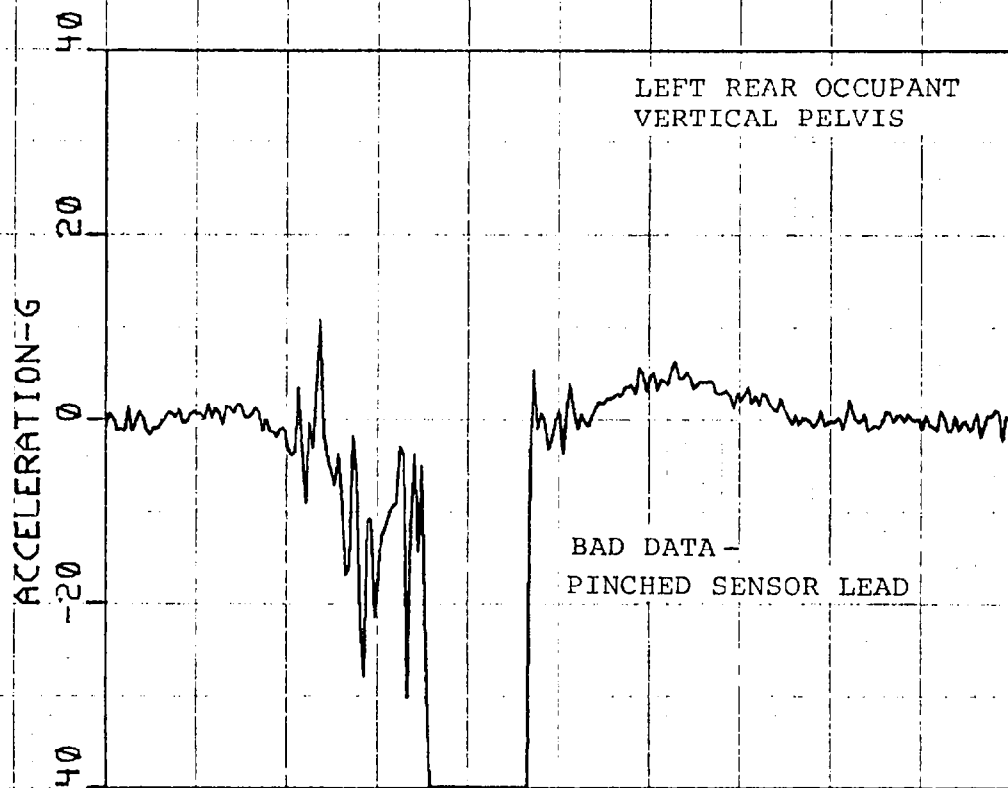


TEST#8327-6.3 VW MODRAB LR PRVY

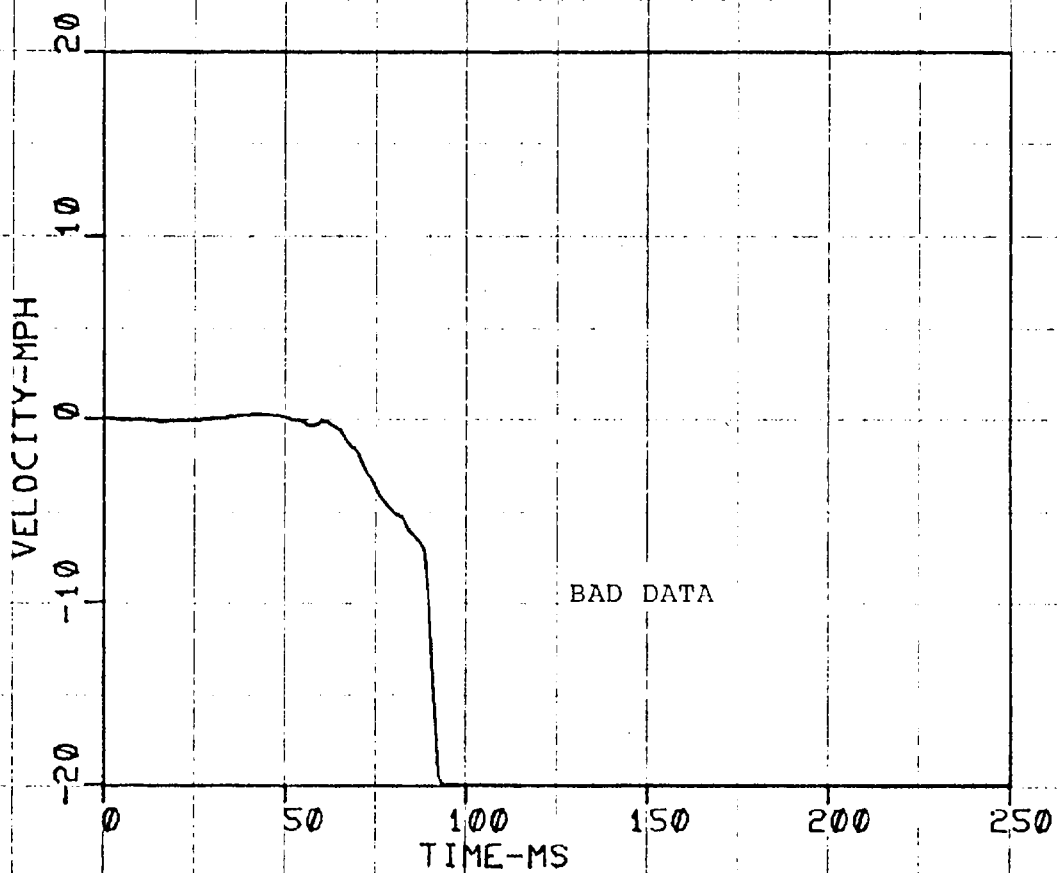


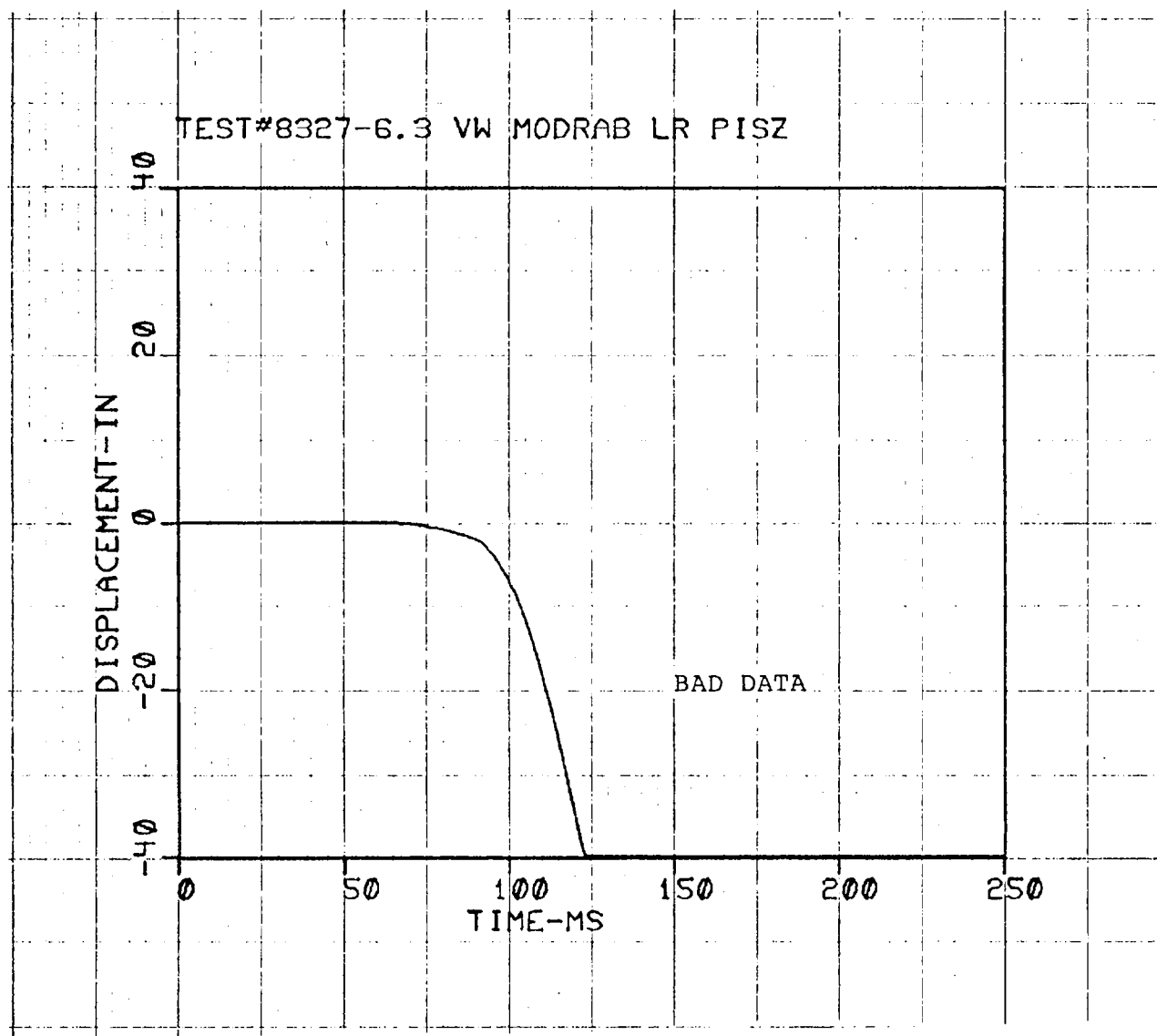


TEST#8327-6.3 VW MODRAB LR PIGZ

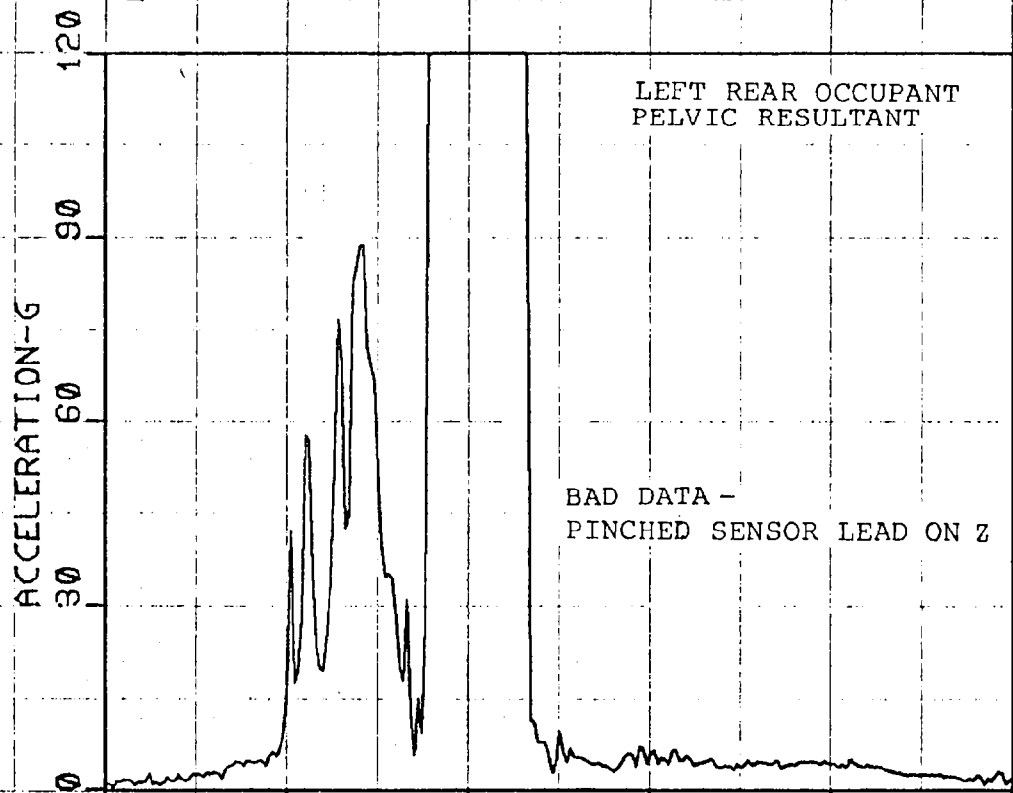


TEST#8327-6.3 VW MODRAB LR PIVZ

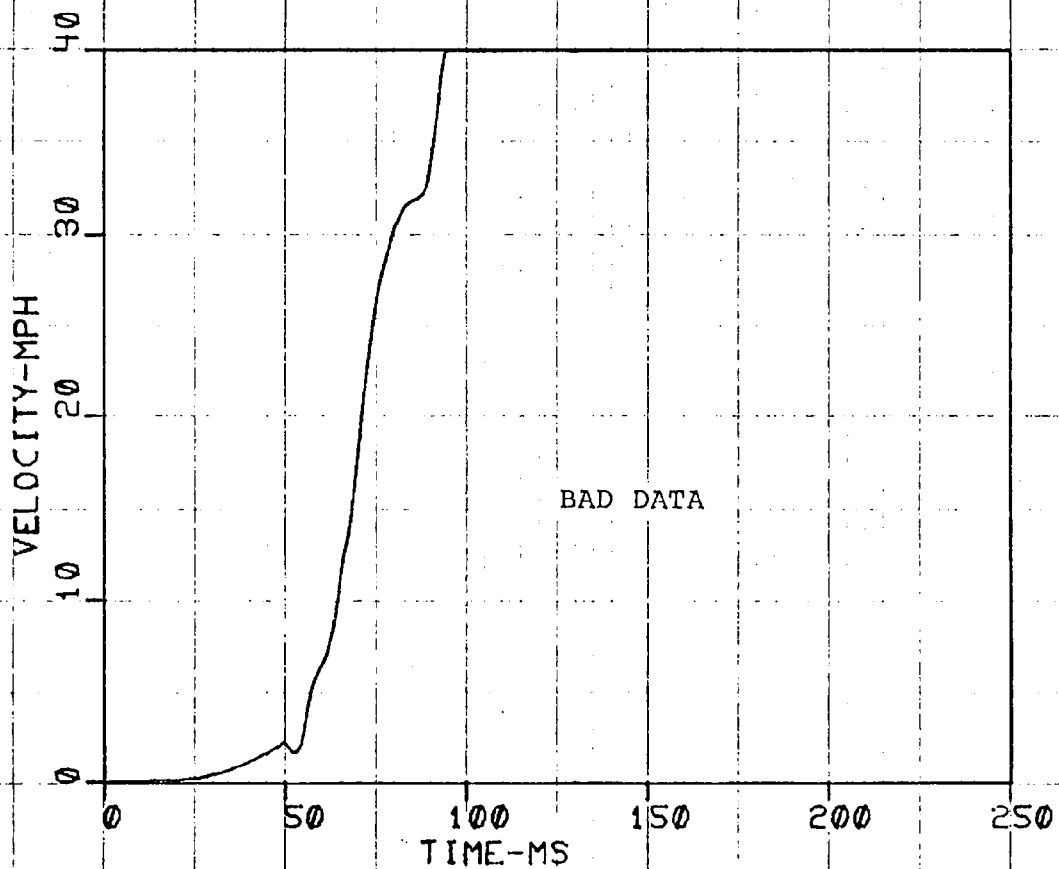


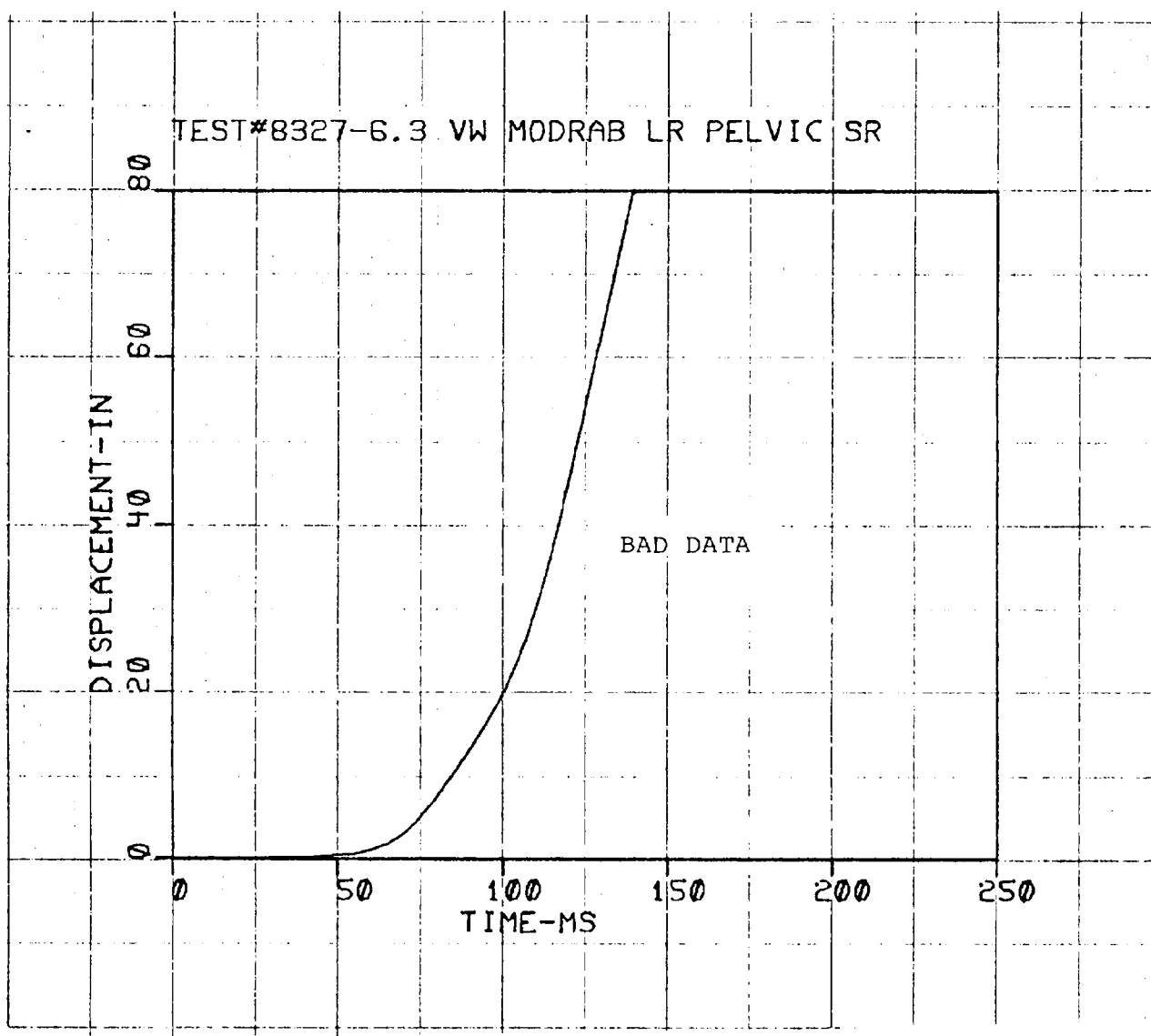


TEST#8327-6.3 VW MODRAB LR PELVIC AR



TEST#8327-6.3 VW MODRAB LR PELVIC VR



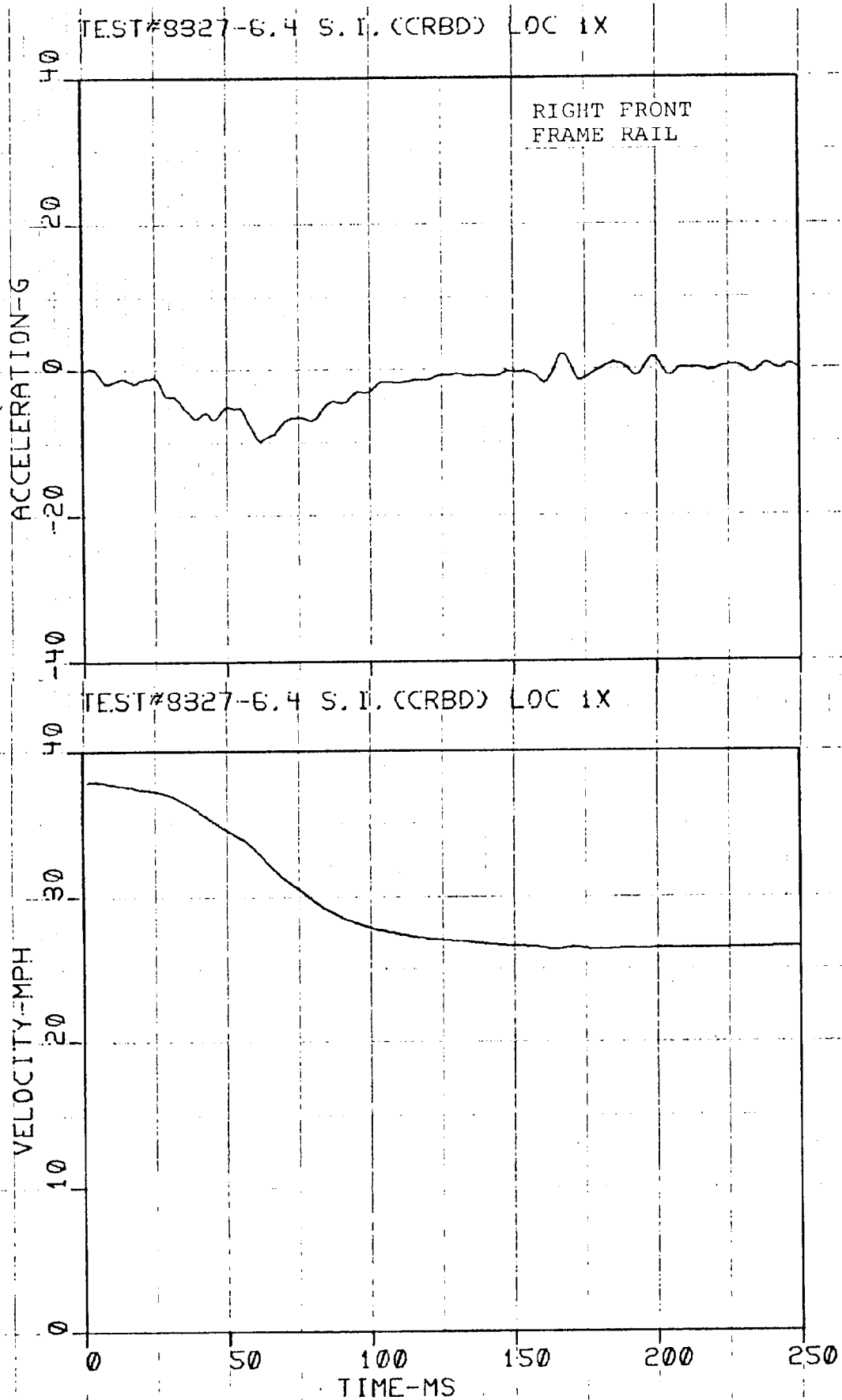


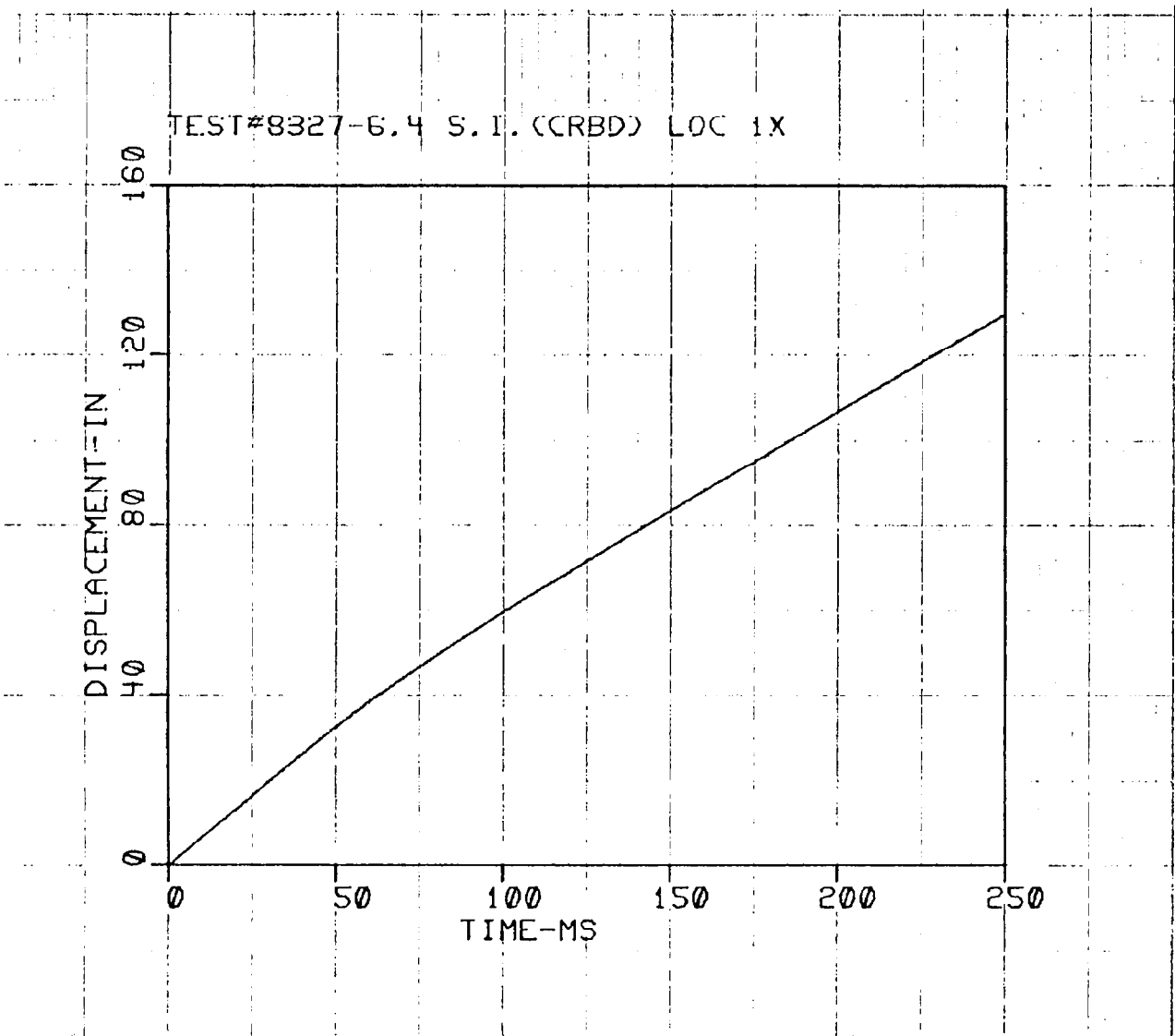
APPENDIX E

CALCOMP PLOTS
FOR TEST 8327-6.4

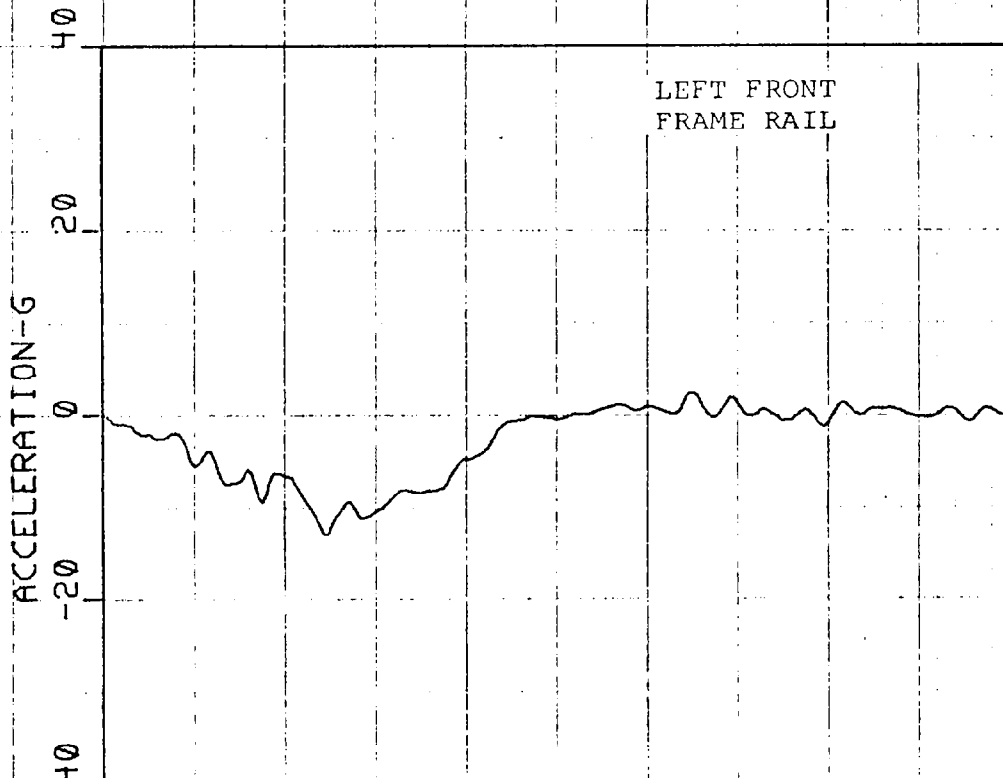
CRABBED SIDE IMPACTOR-INTO-
1980 VW RABBIT AT 60°
BULLET VEHICLE SPEED = 40.1 MPH

(FRONT: SID - REAR: PART 572)

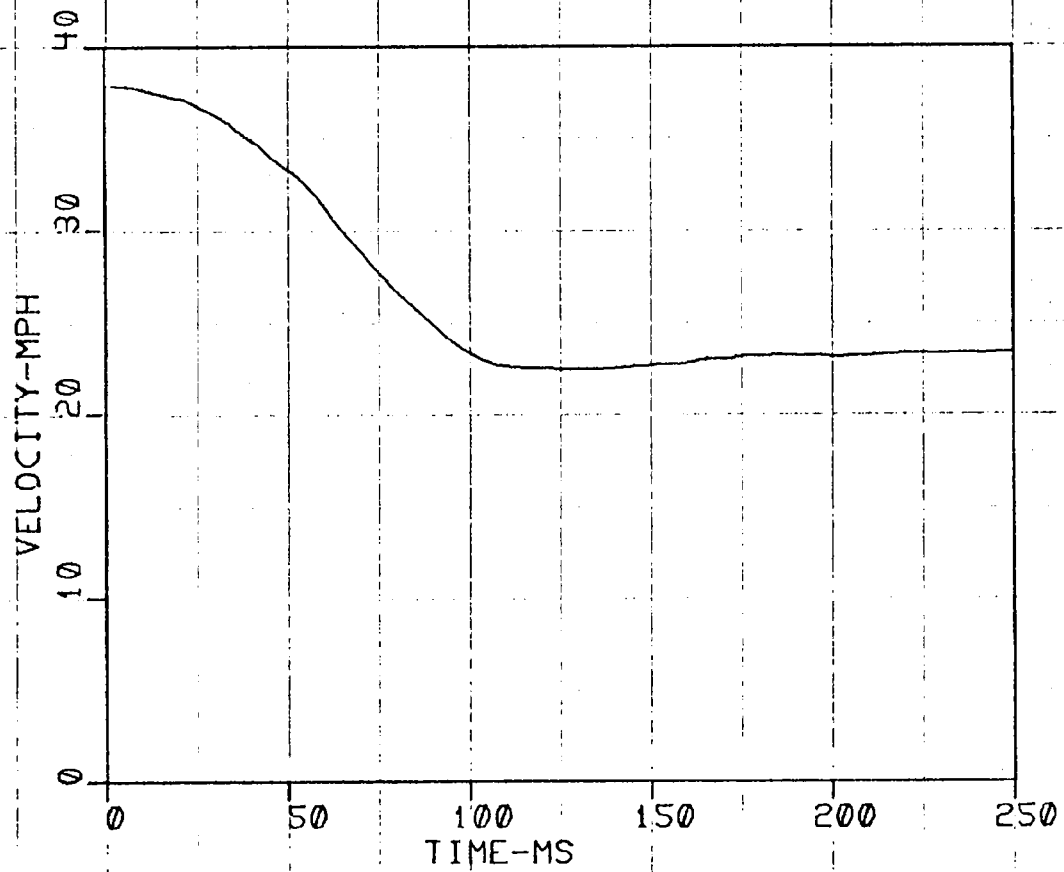


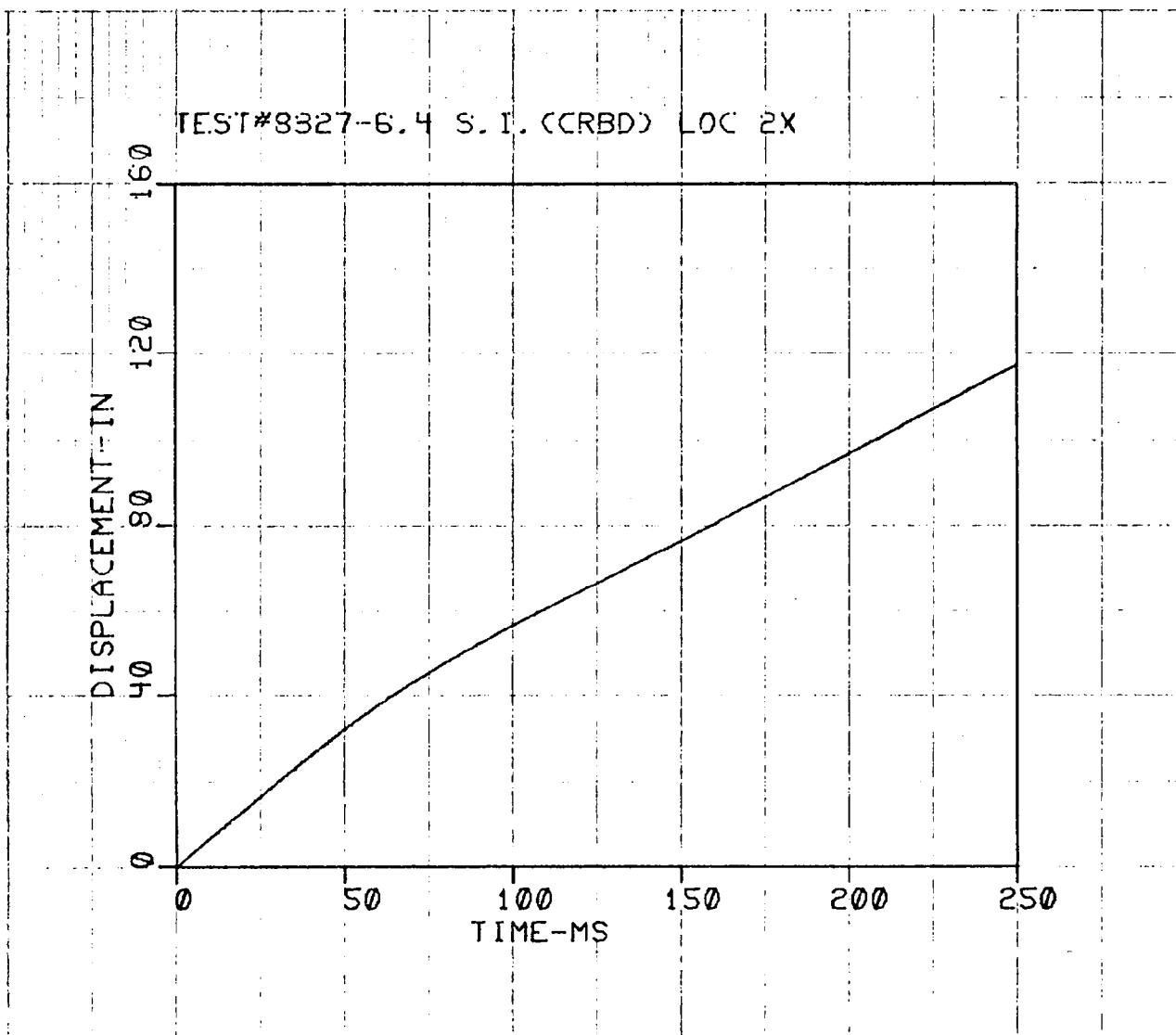


TEST#8327-6.4 S.I. (CRBD) LOC 2X

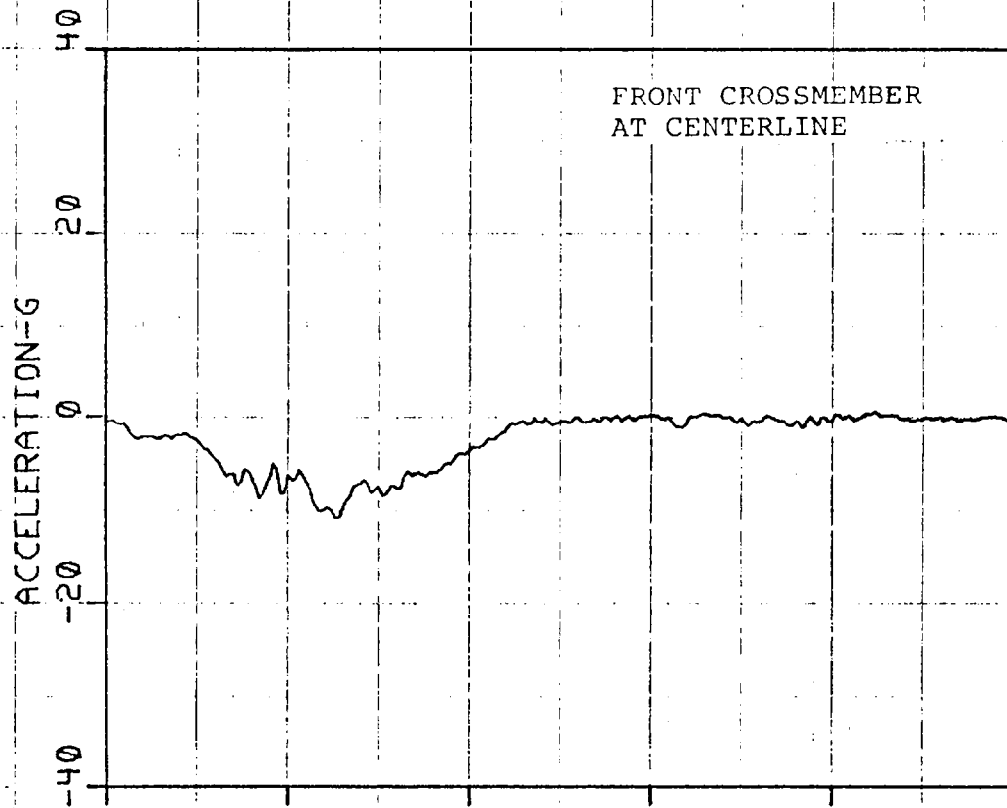


TEST#8327-6.4 S.I. (CRBD) LOC 2X

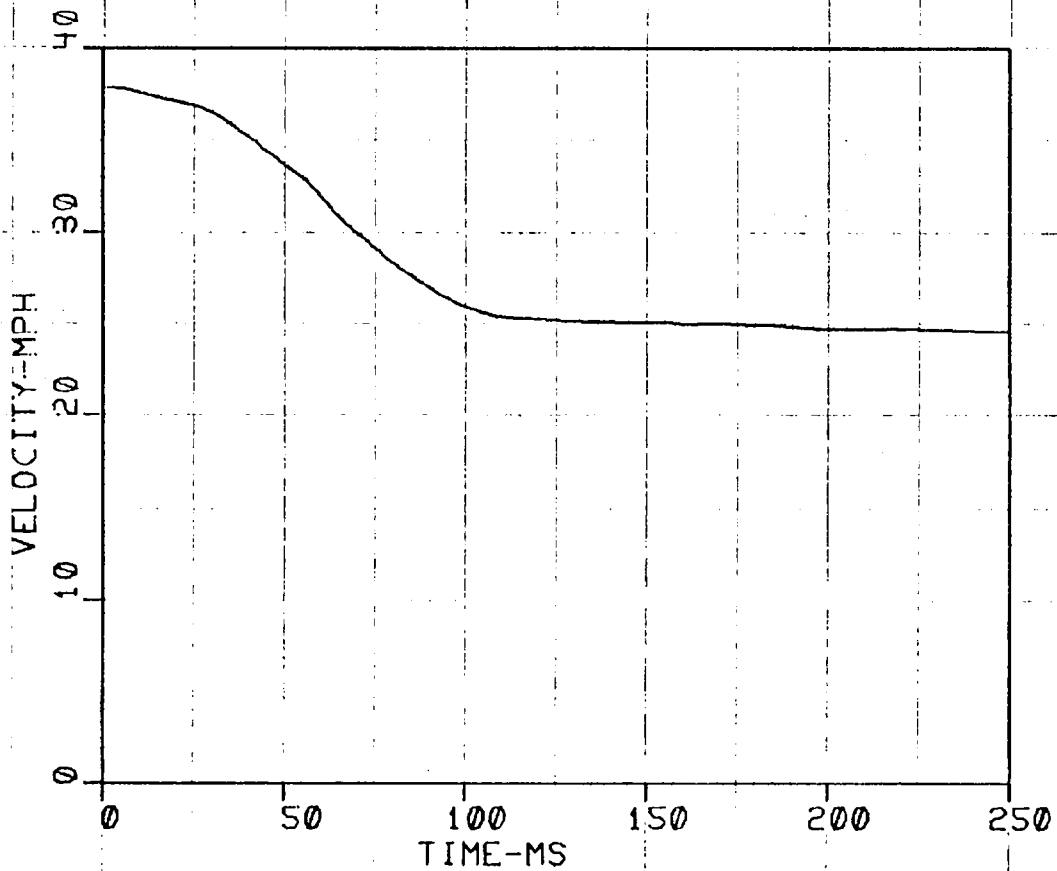


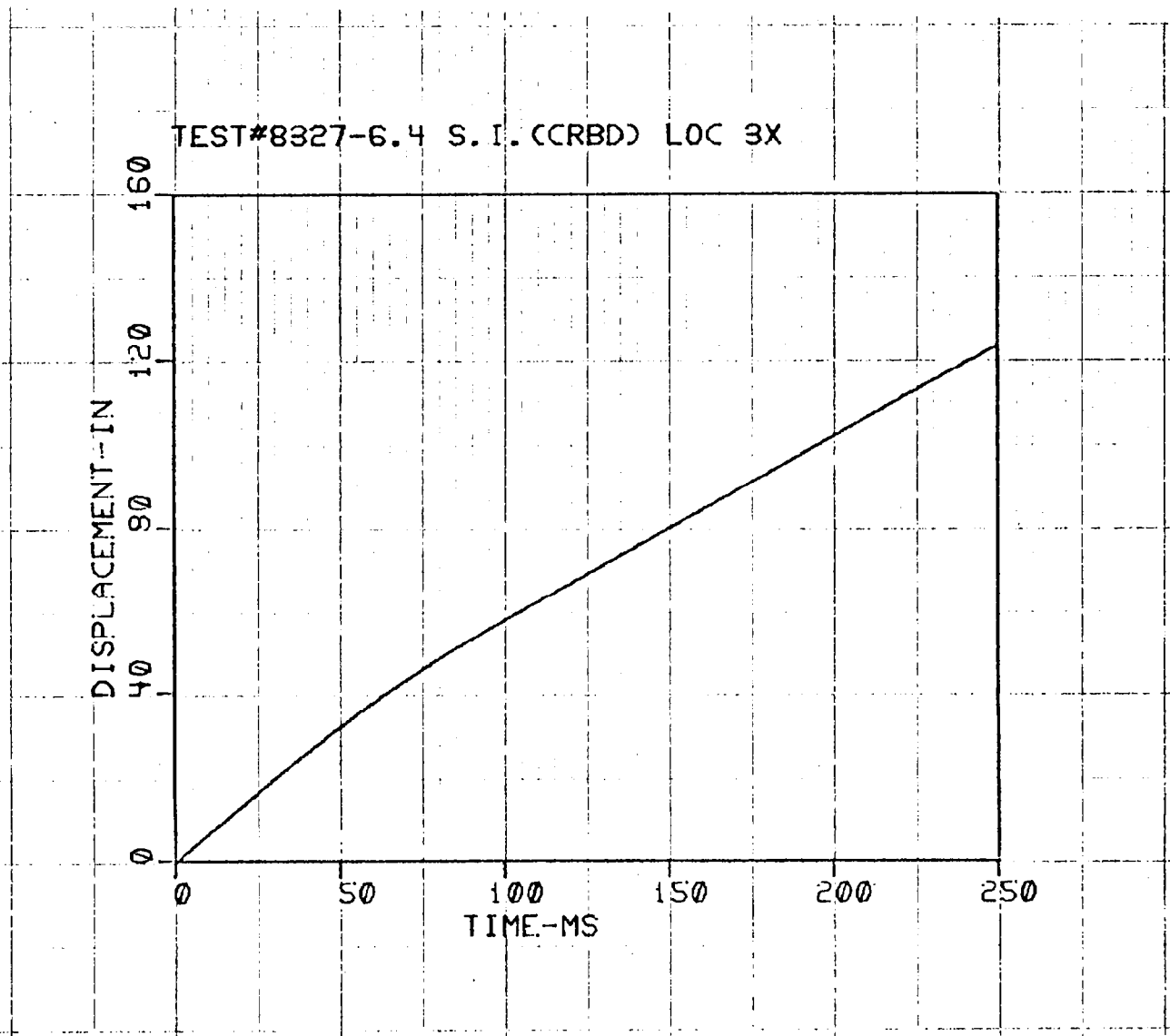


TEST#8327-6.4 S.I. (CRBD) LOC 3X

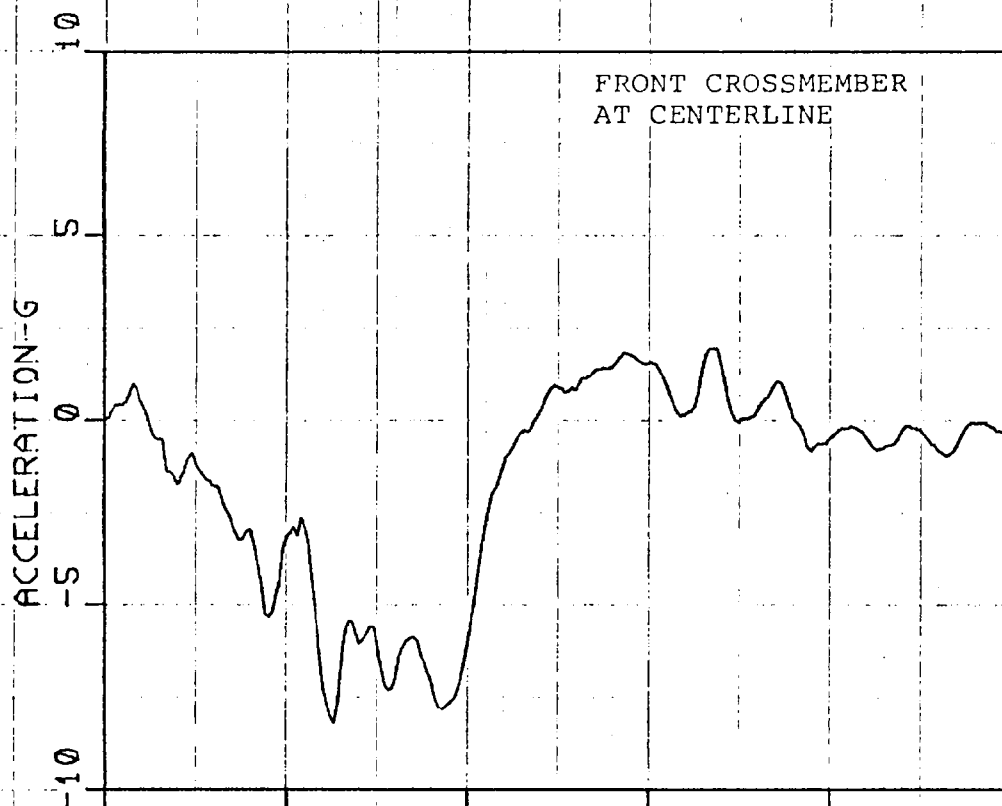


TEST#8327-6.4 S.I. (CRBD) LOC 3X

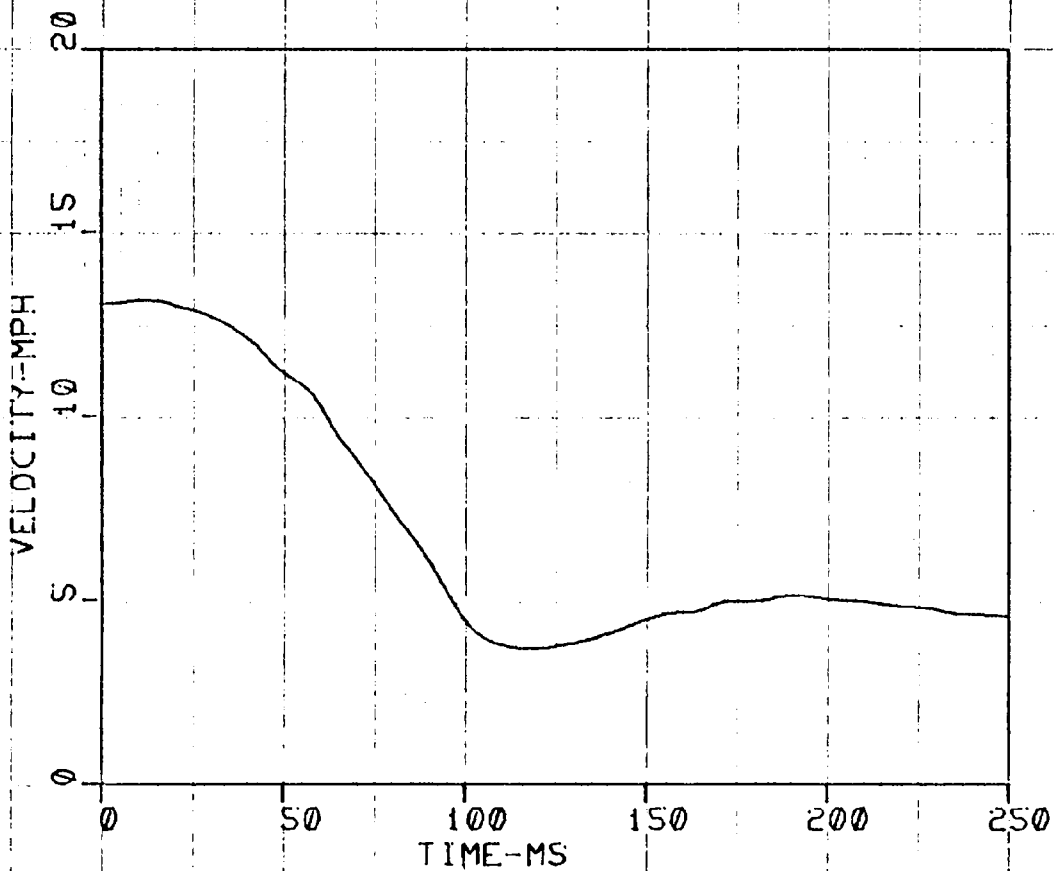




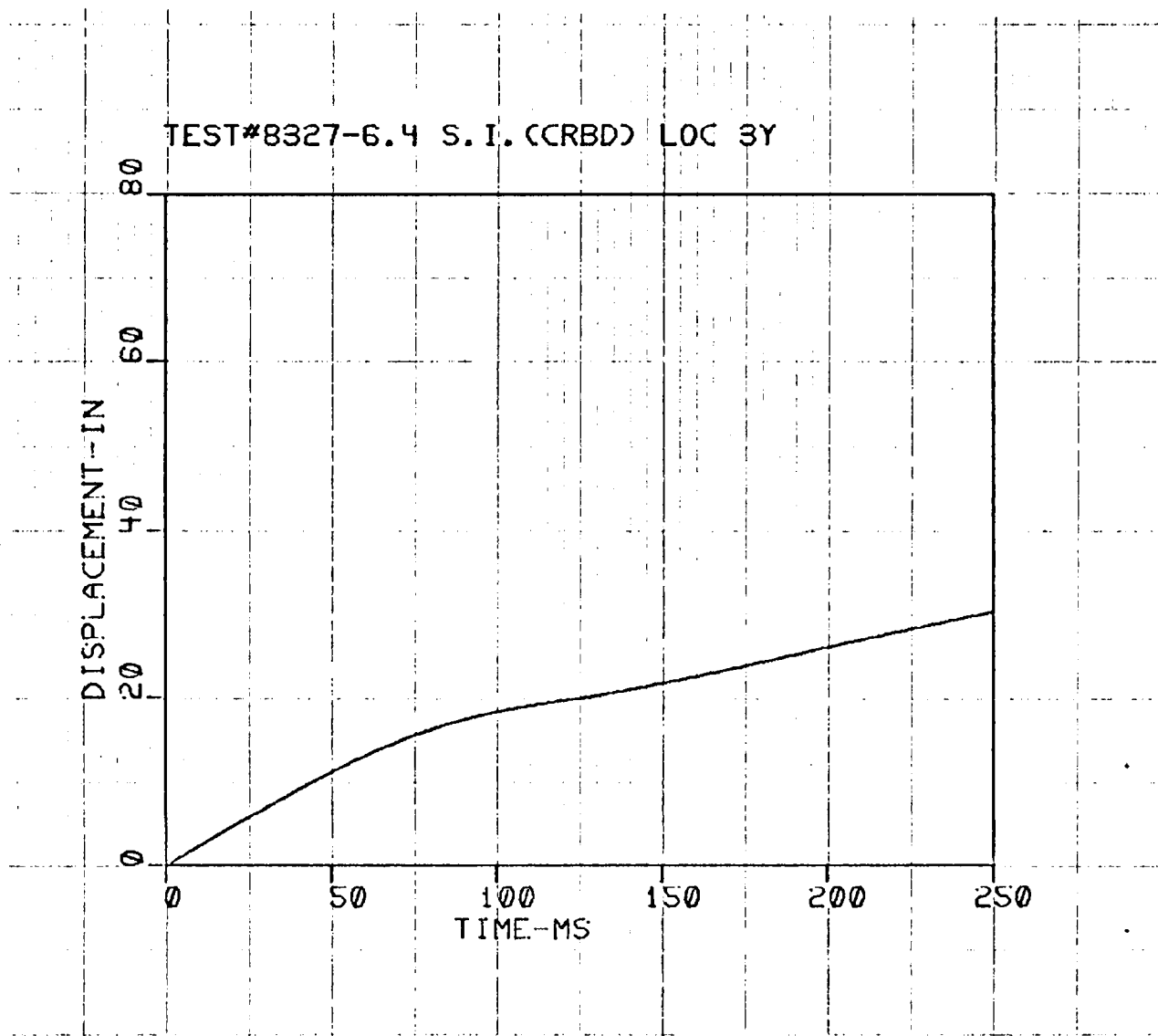
TEST#8327-6.4 S.I.(CRBD) LOC 3Y



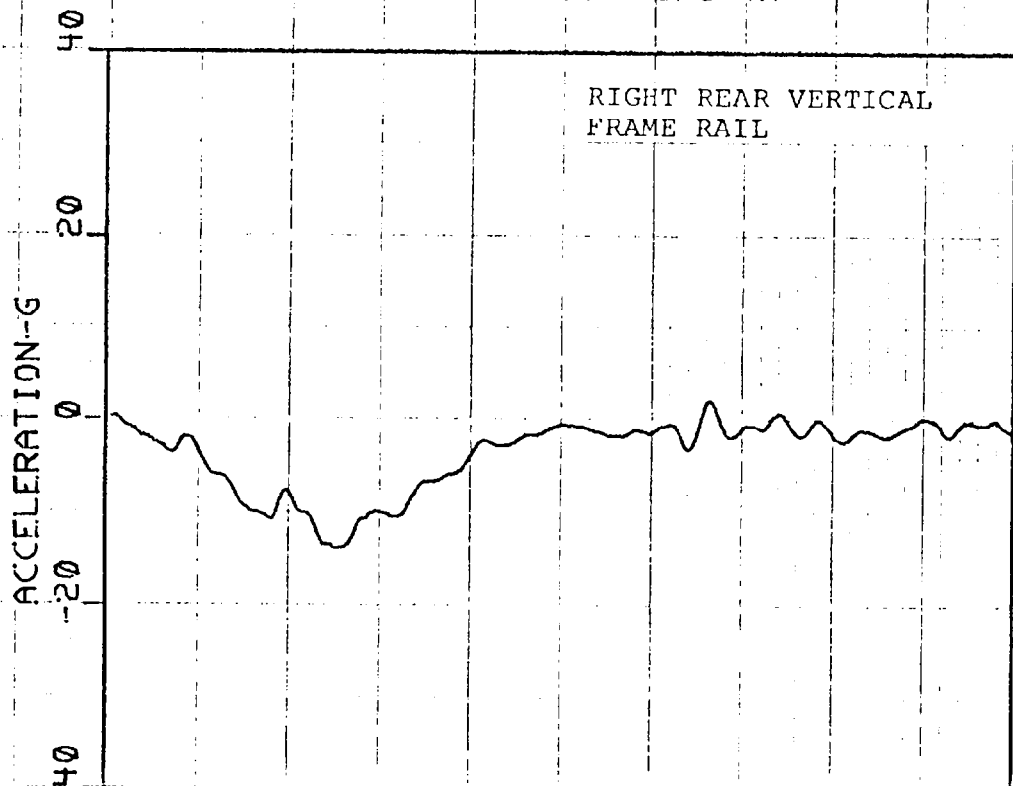
TEST#8327-6.4 S.I.(CRBD) LOC 3Y



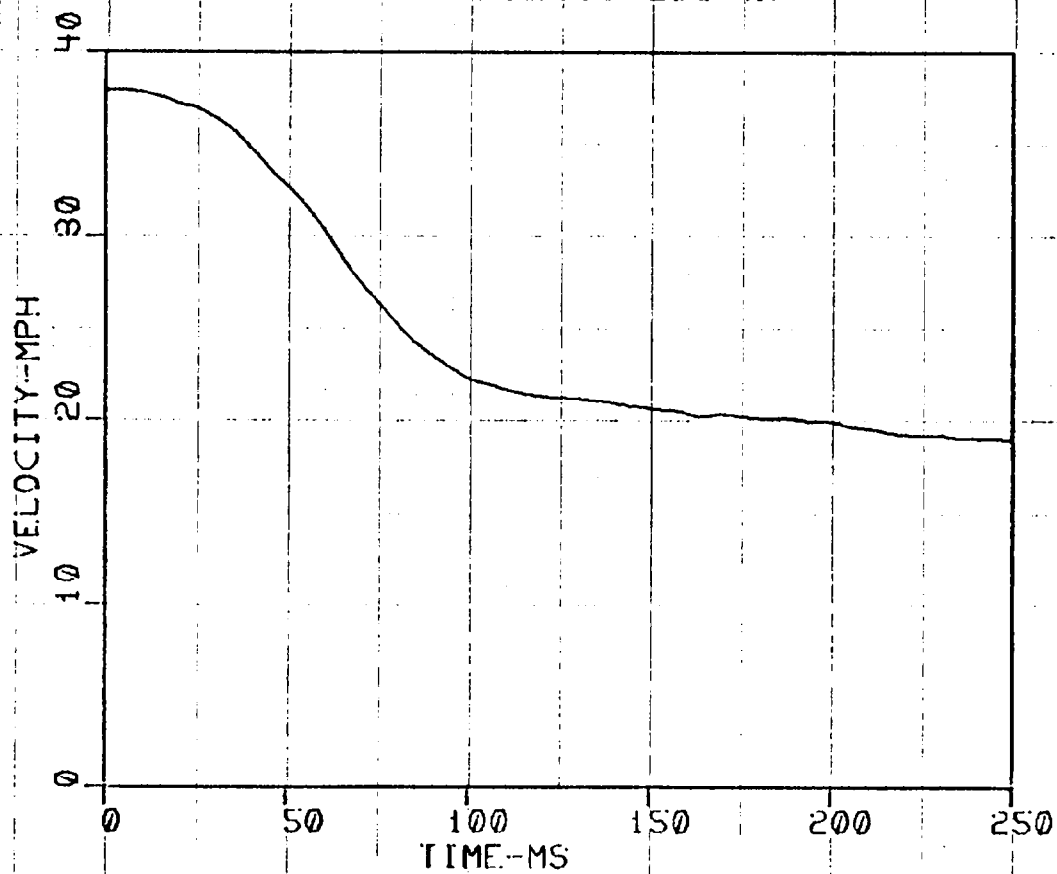
E-8

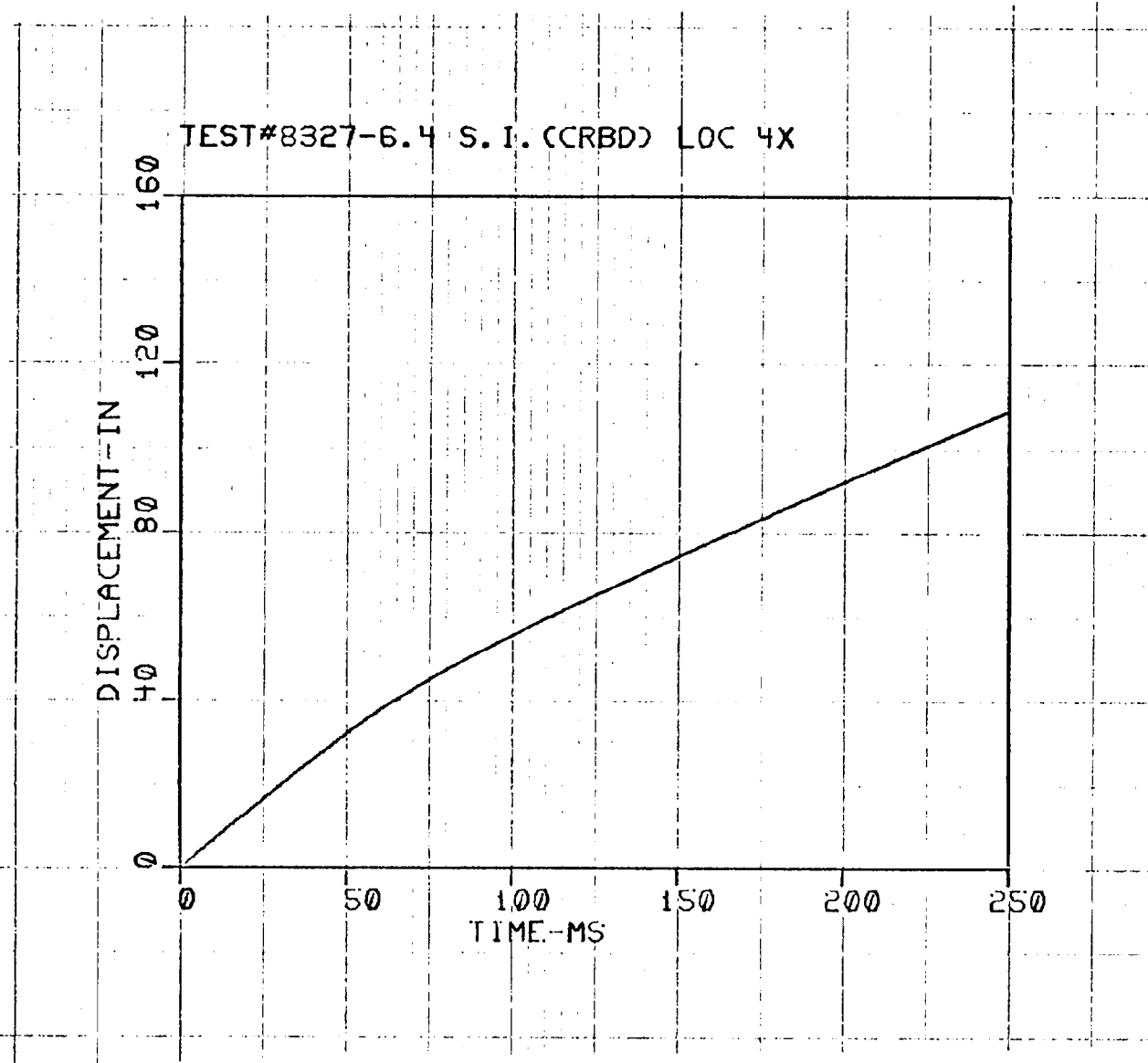


TEST#8327-6.4 S.I. (CRBD) LOC 4X

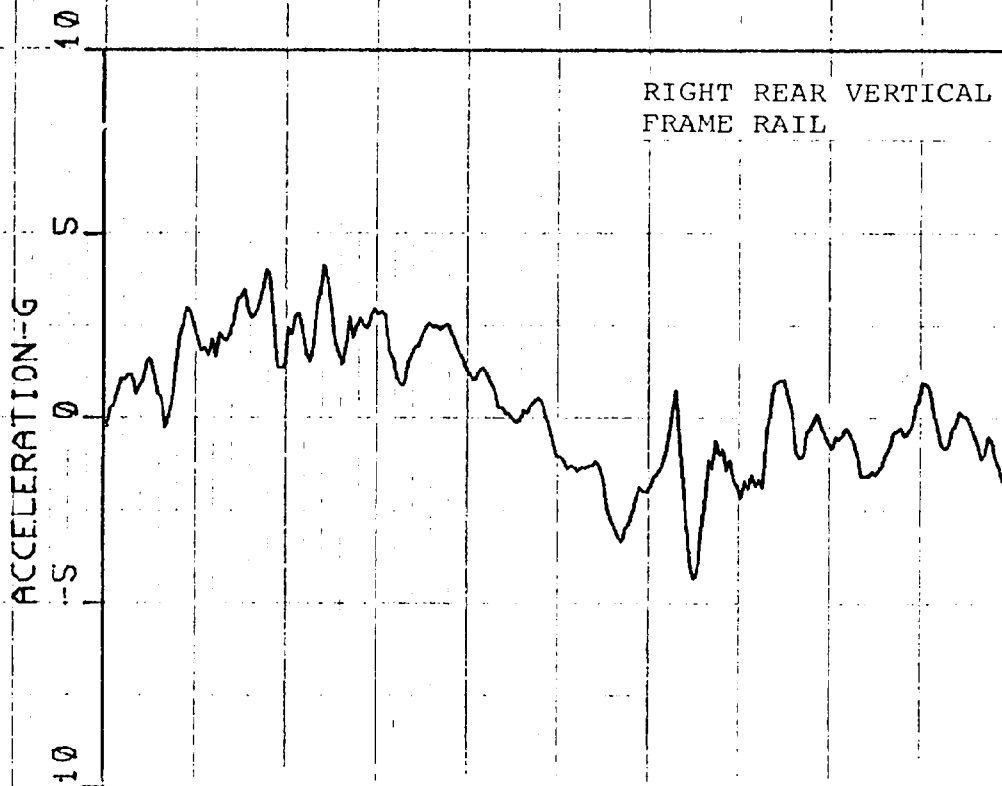


TEST#8327-6.4 S.I. (CRBD) LOC 4X

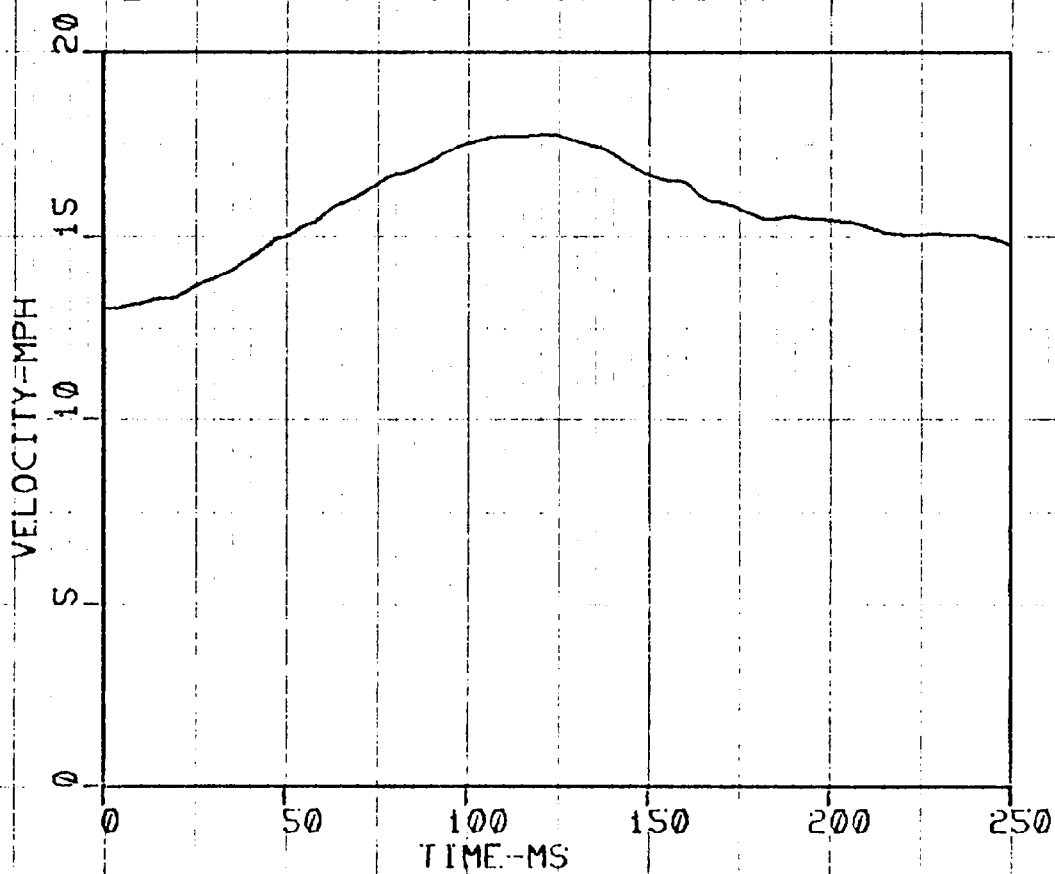


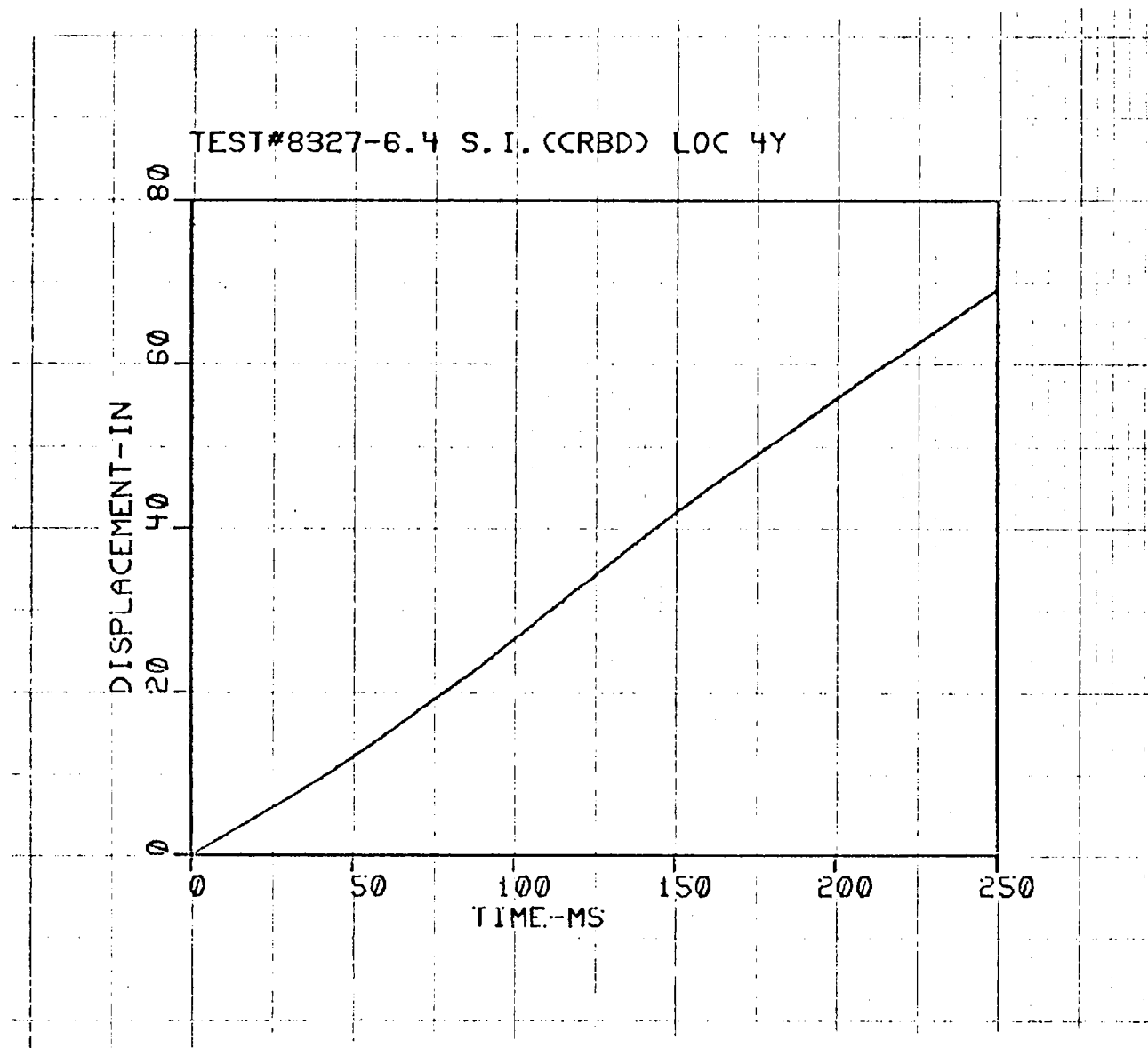


TEST#8327-6.4 S.I. (CRBD) LOC 4Y

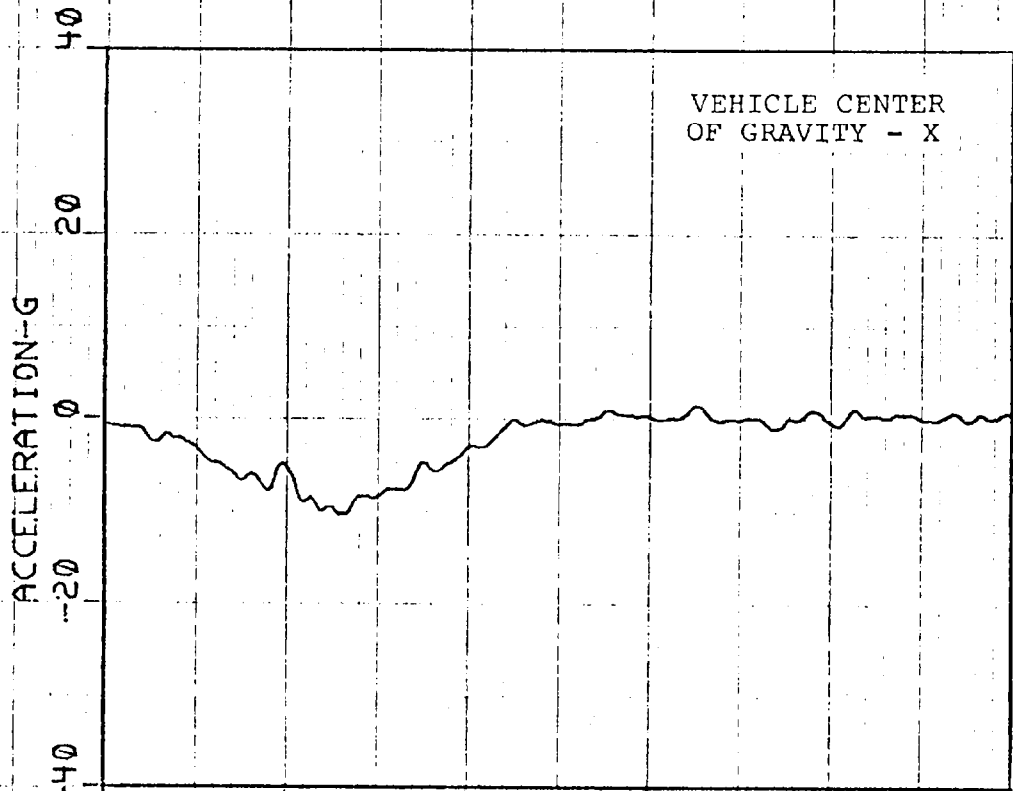


TEST#8327-6.4 S.I. (CRBD) LOC 4Y

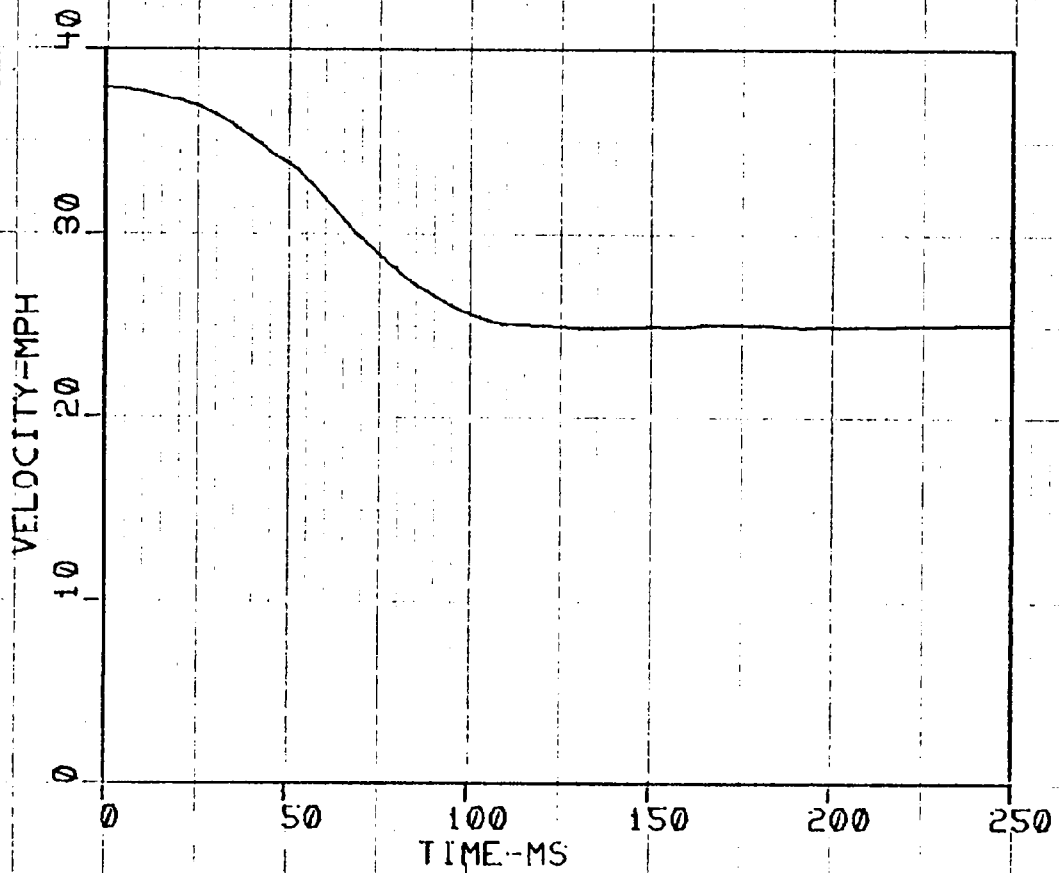


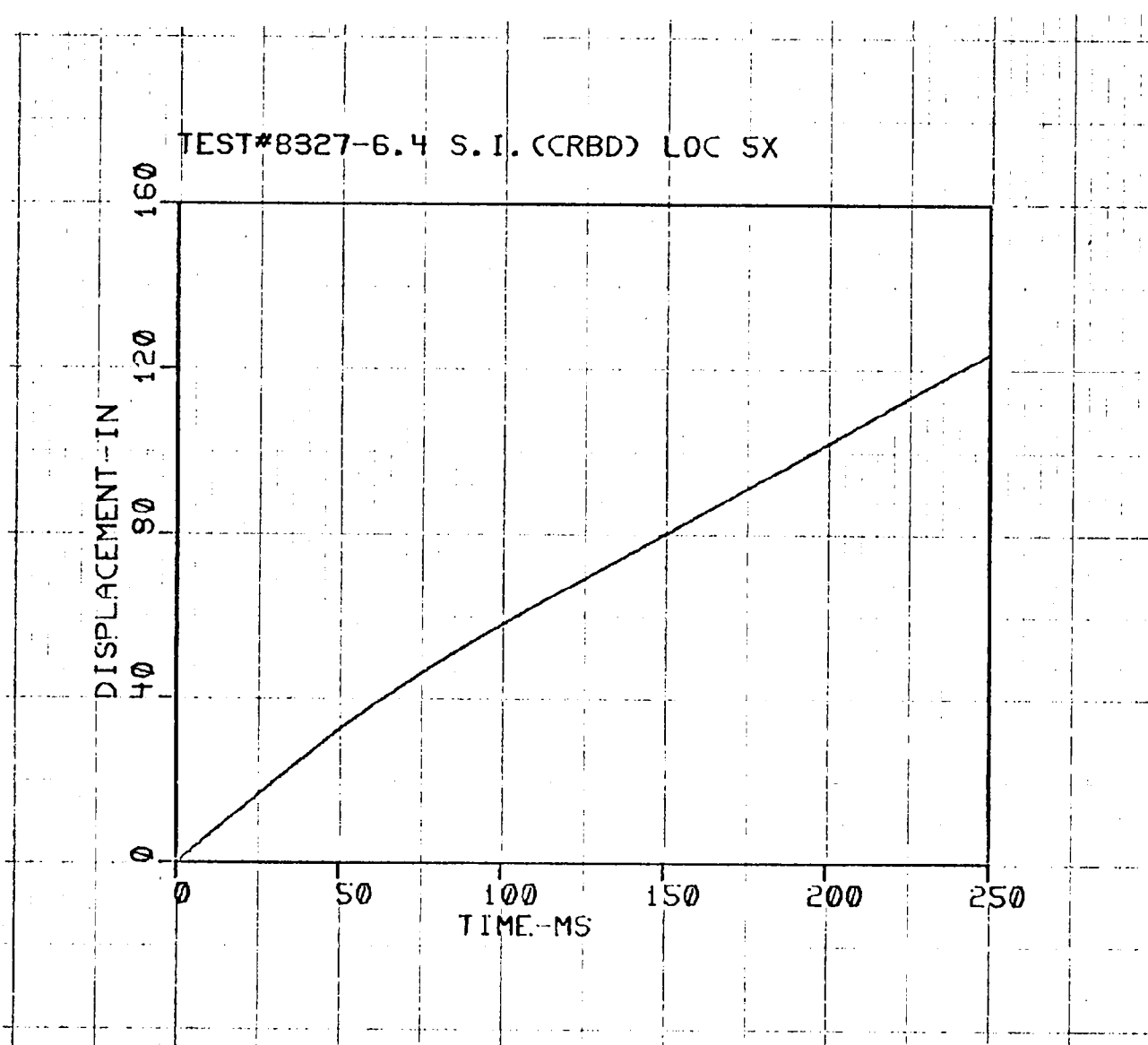


TEST#8327-6.4 S.I. (CRBD) LOC 5X

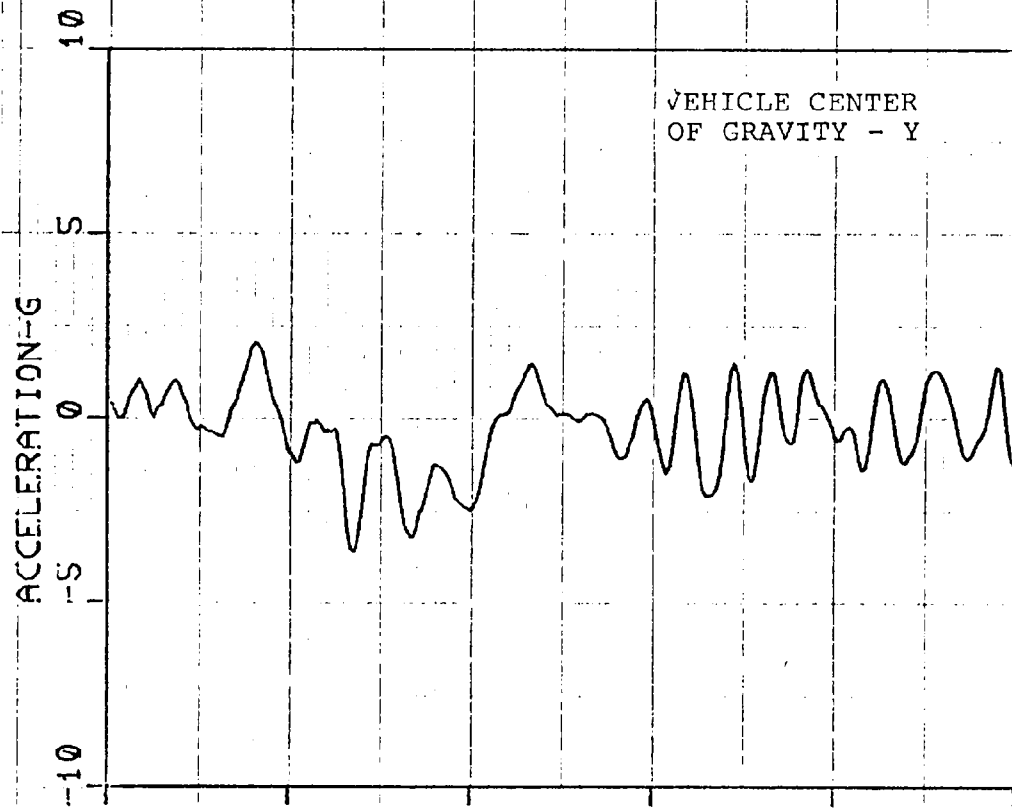


TEST#8327-6.4 S.I. (CRBD) LOC 5X

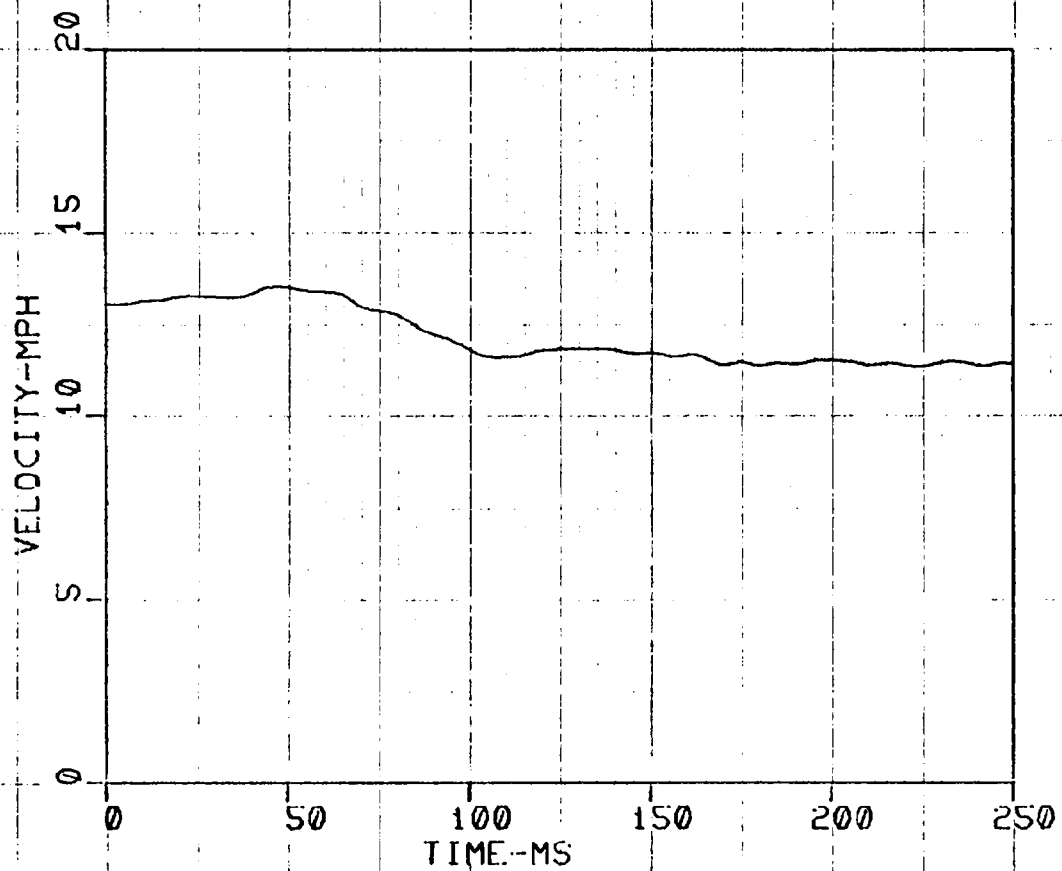


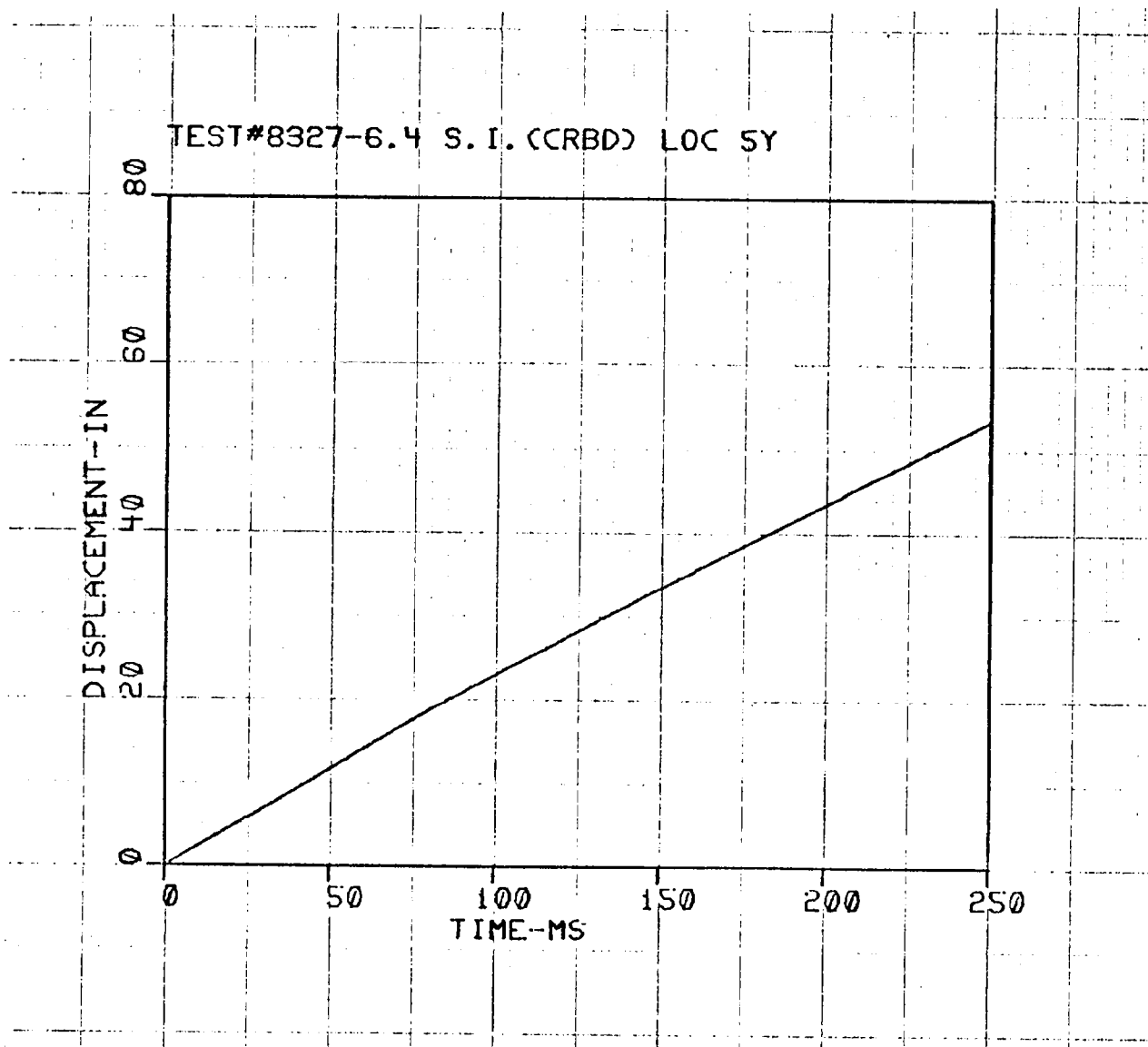


TEST#8327-6.4 S.I. (CRBD) LOC 5Y

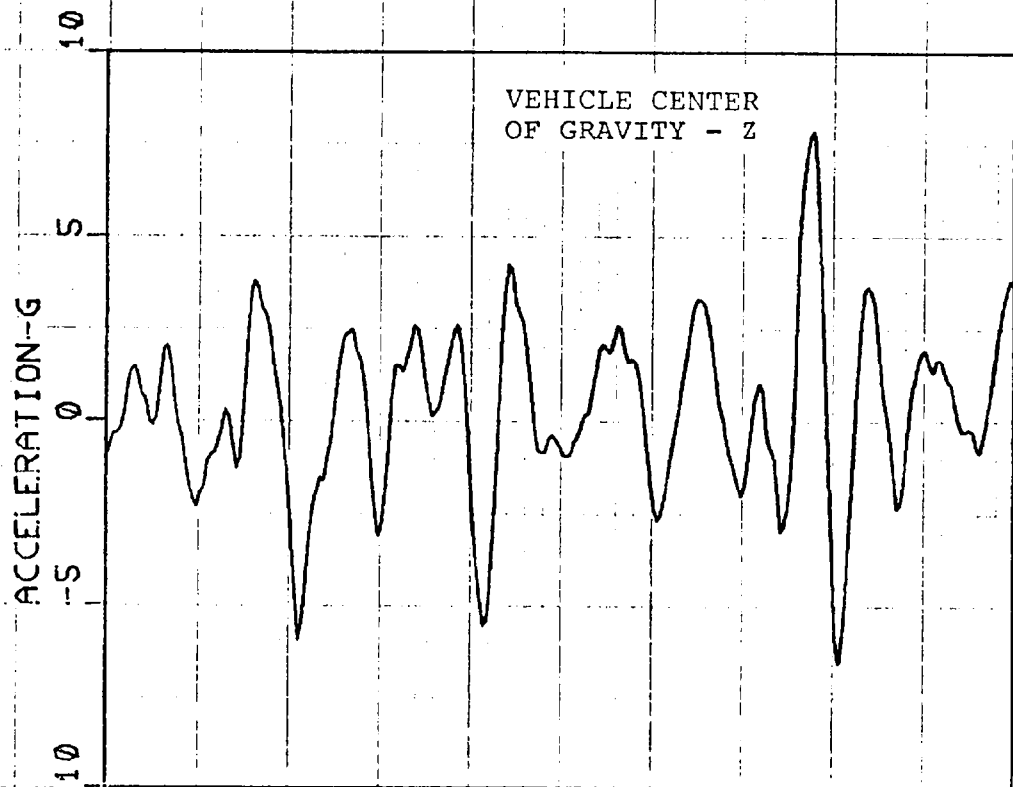


TEST#8327-6.4 S.I. (CRBD) LOC 5Y

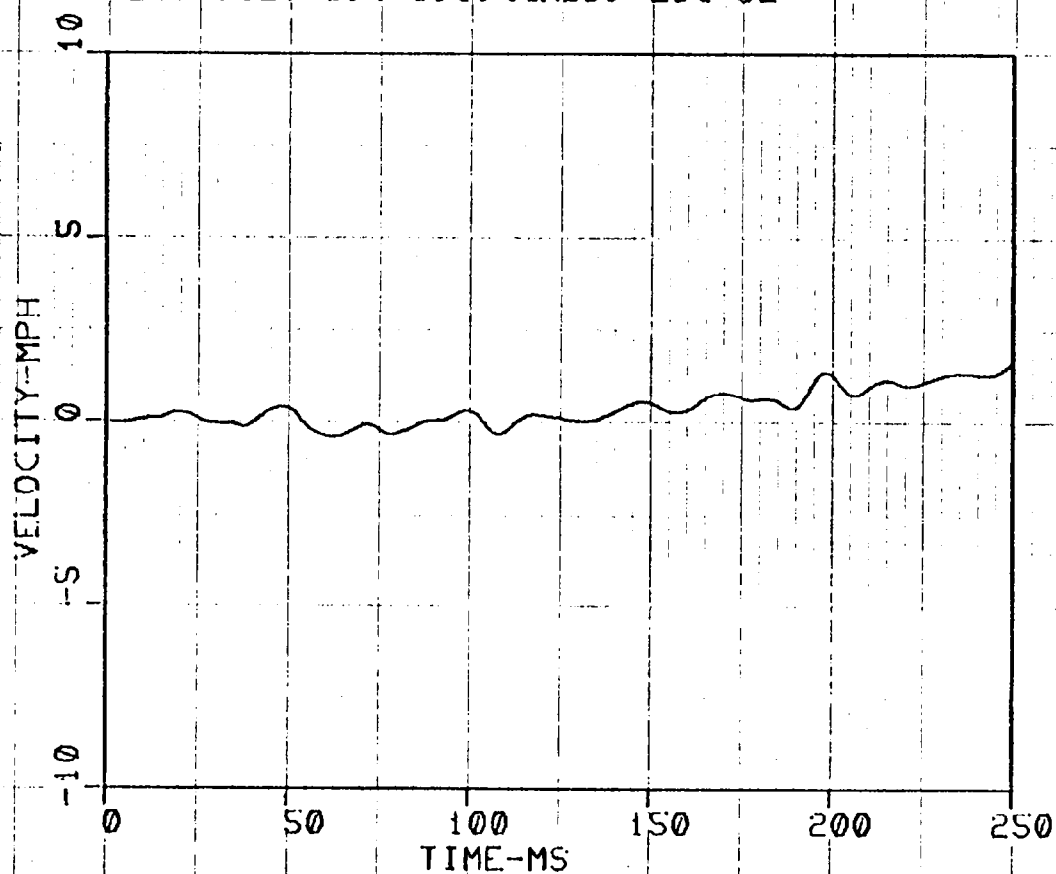


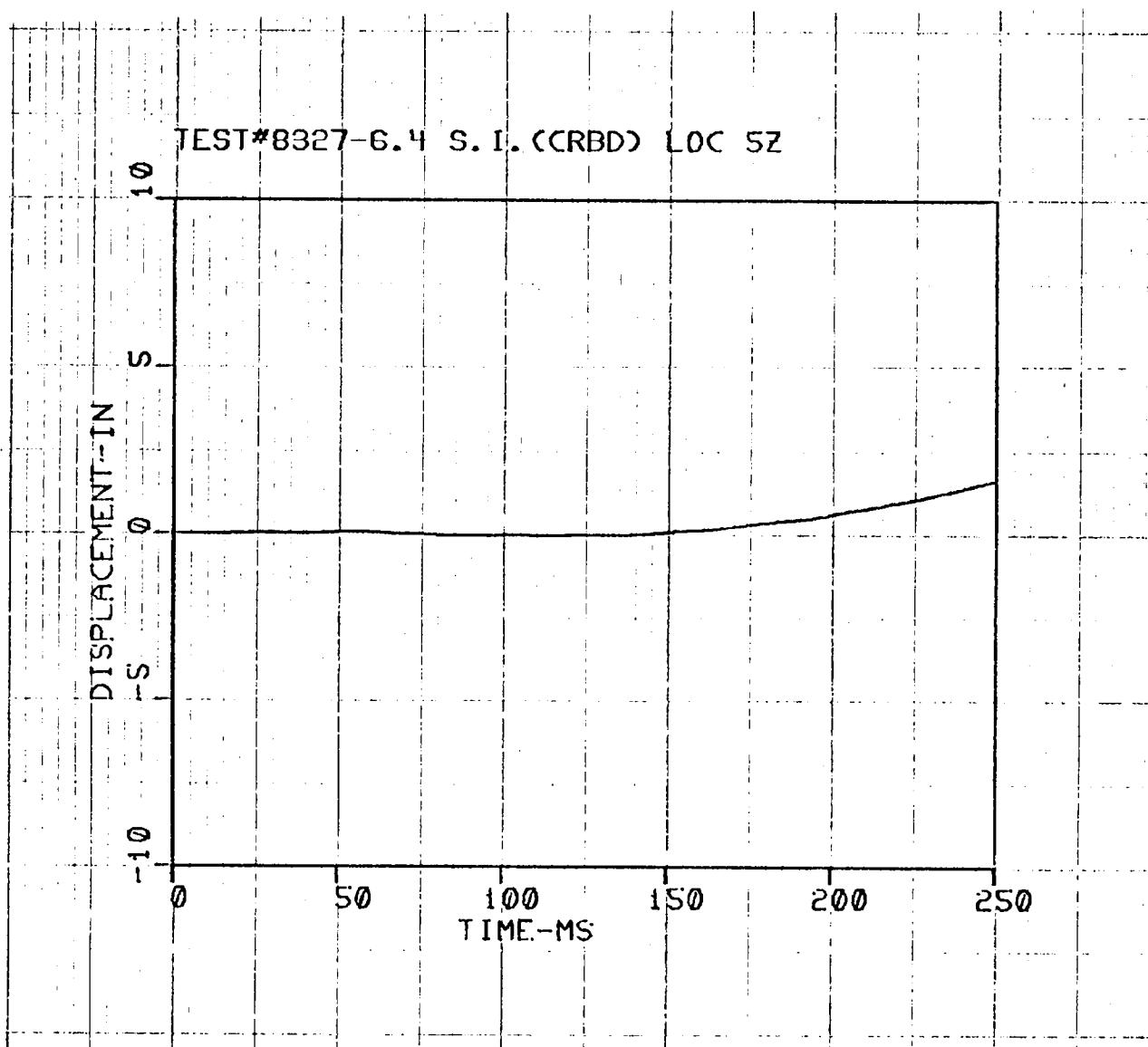


TEST#8327-6.4 S.I. (CRBD) LOC 5Z

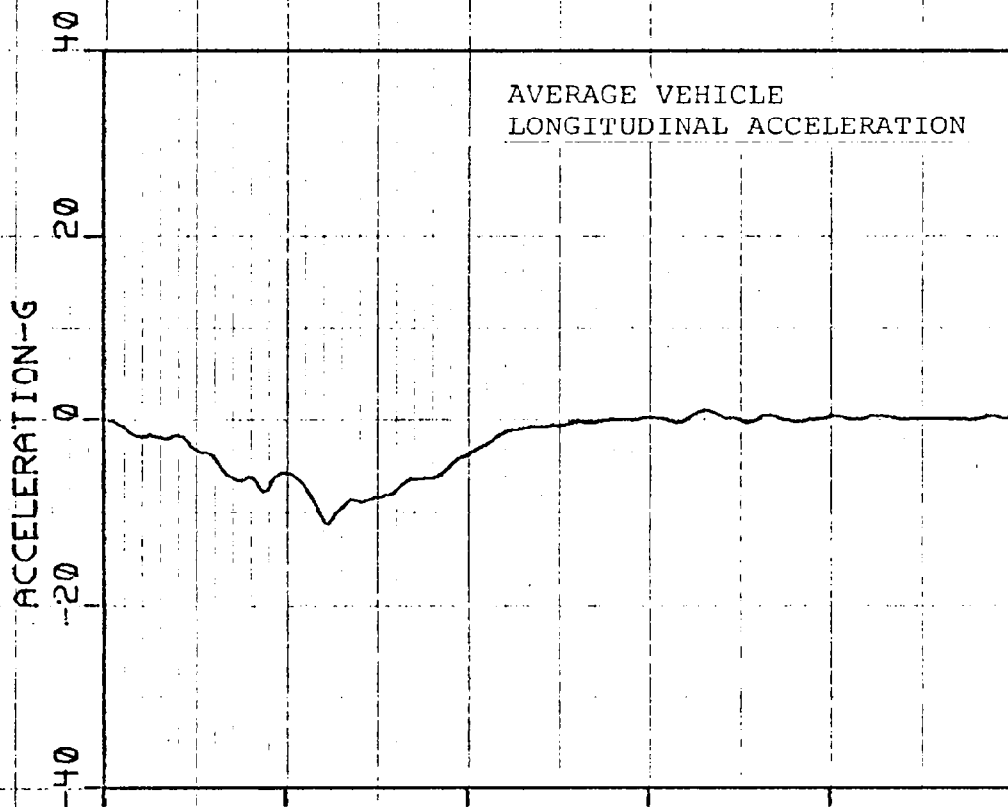


TEST#8327-6.4 S.I. (CRBD) LOC 5Z

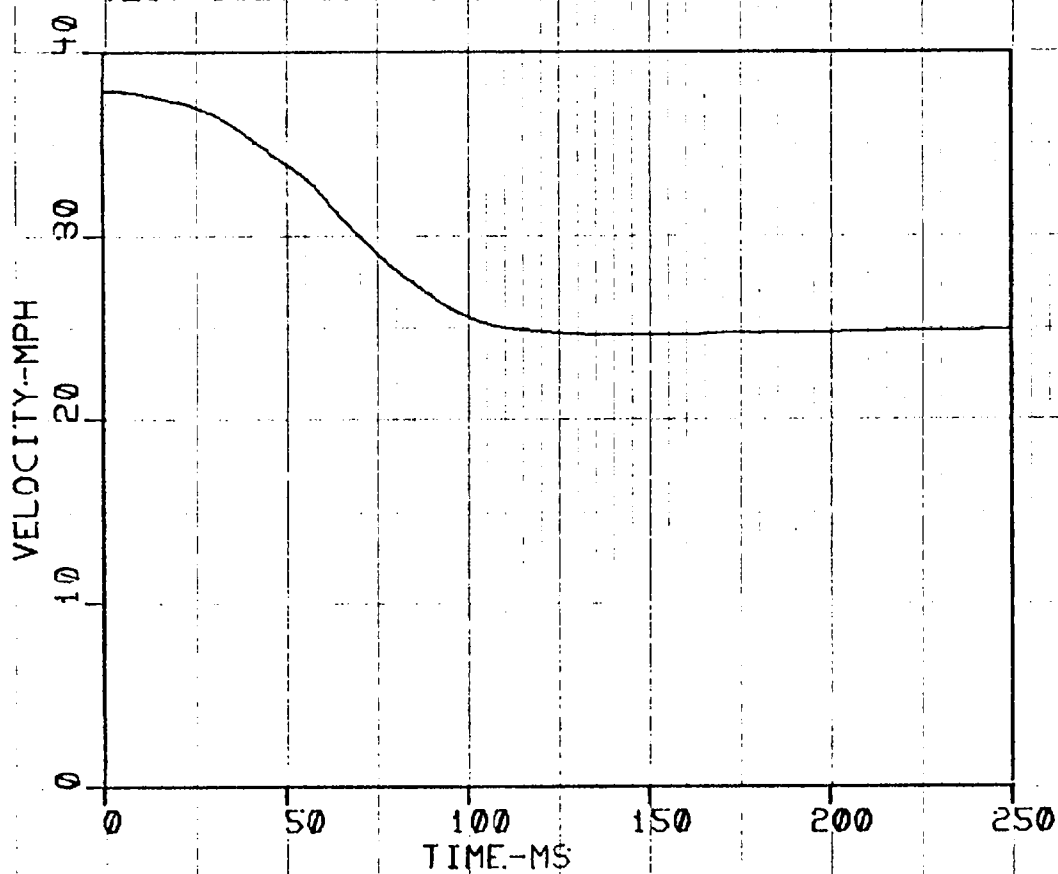


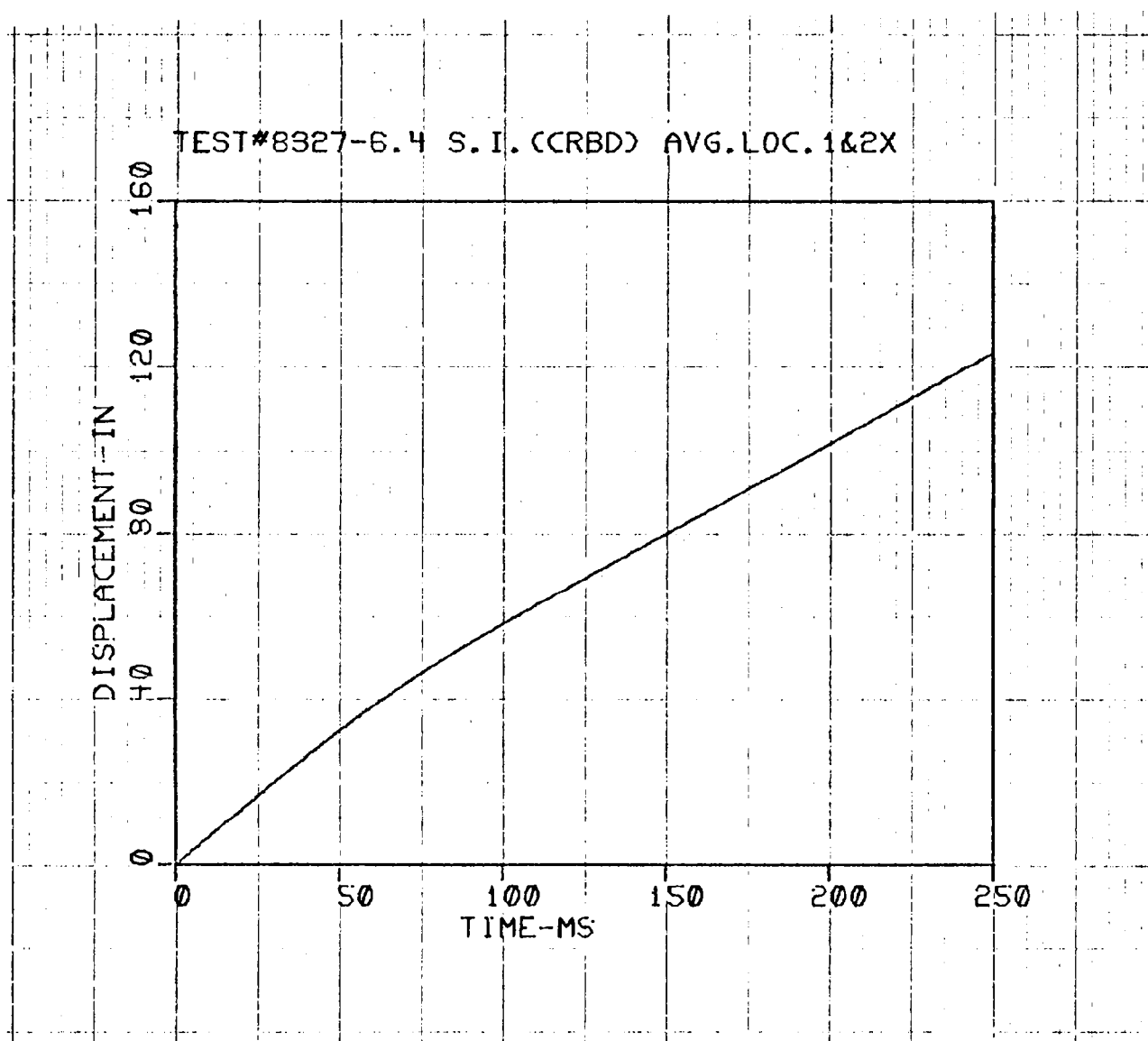


TEST#8327-6.4 S.I. (CRBD) AVG.LOC.1&2X

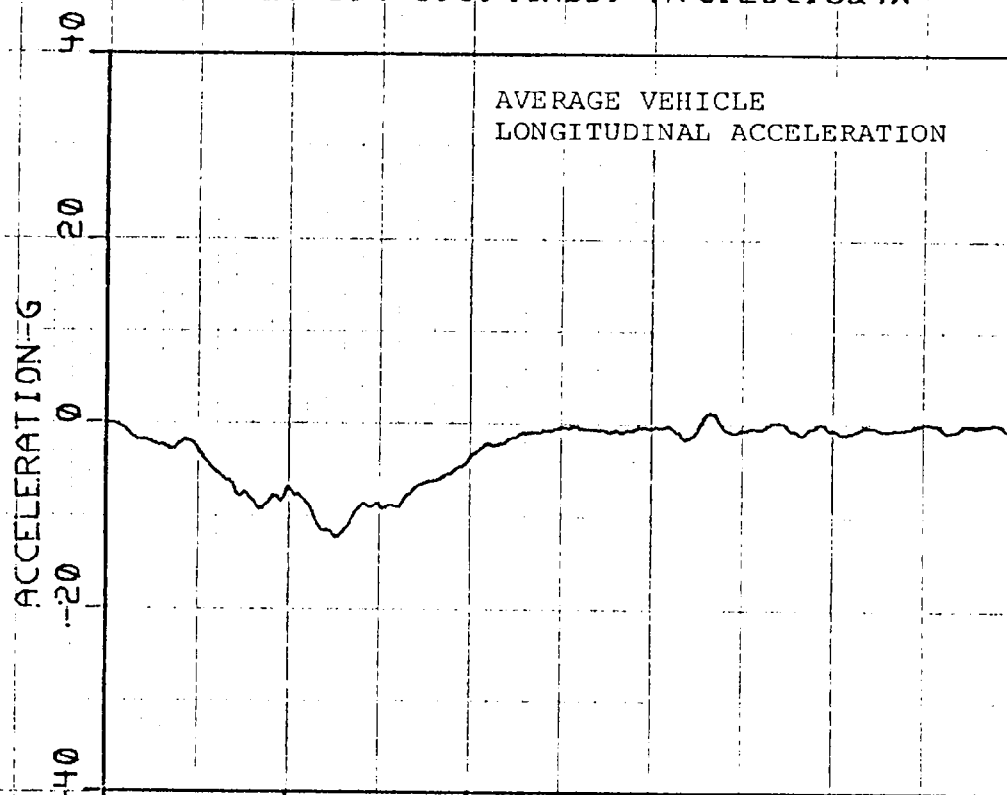


TEST#8327-6.4 S.I. (CRBD) AVG.LOC.1&2X

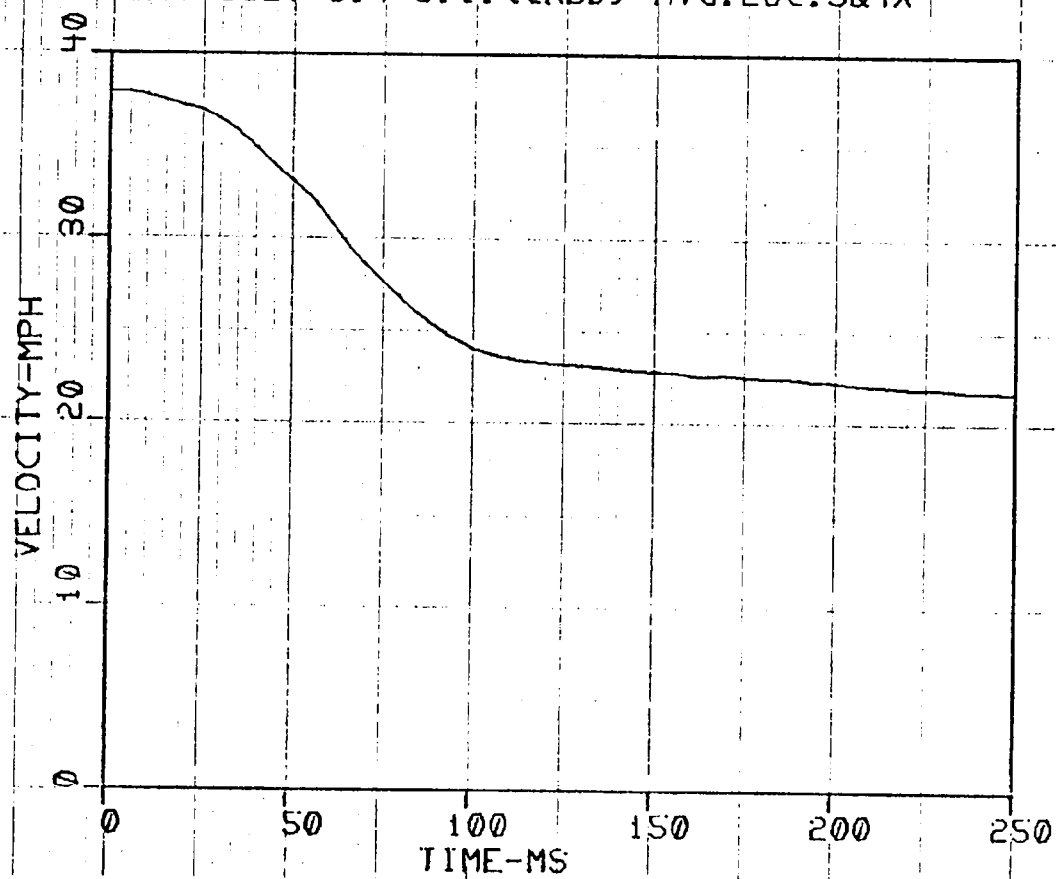




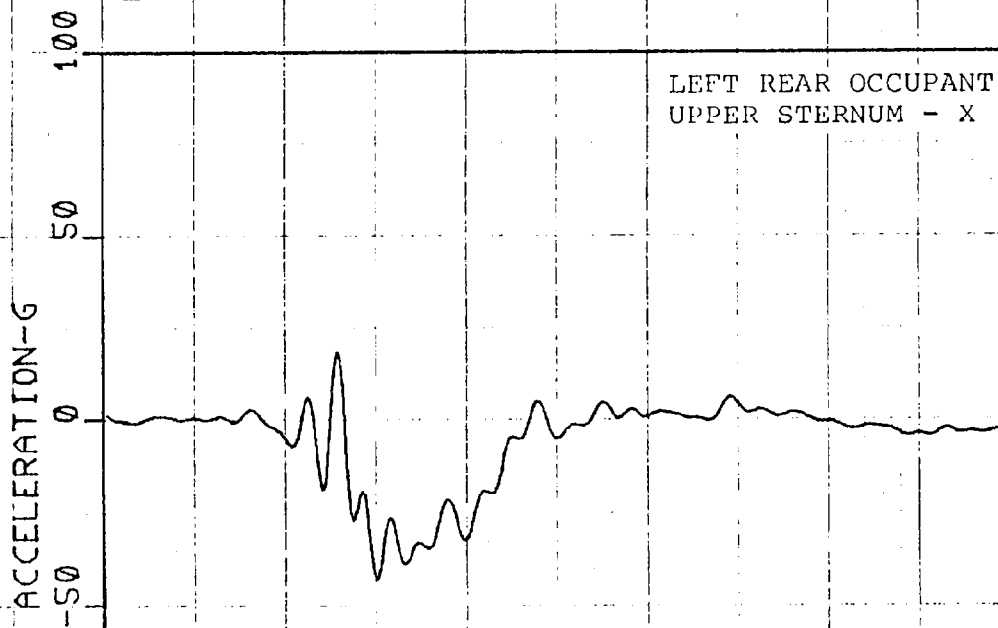
TEST#8327-6.4 S.I.(CRBD) AVG.LOC.3&4X



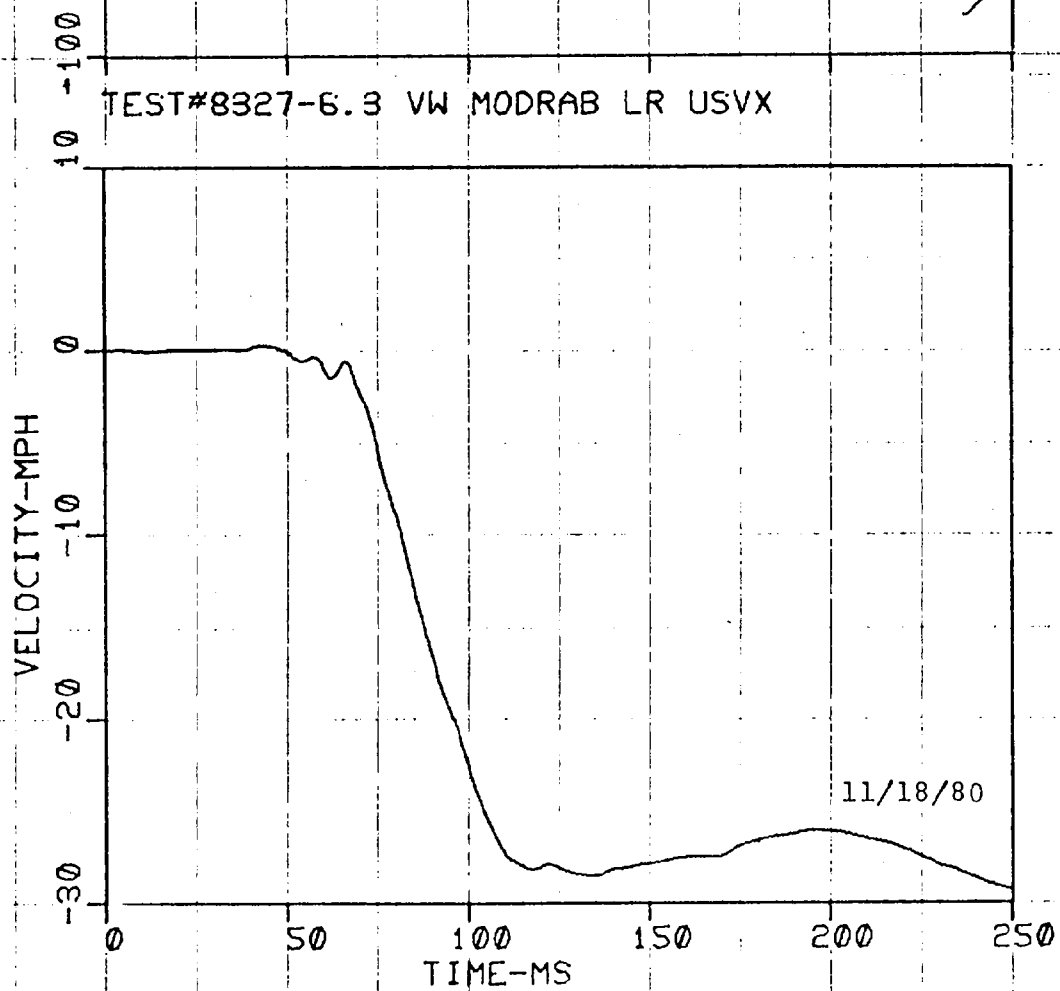
TEST#8327-6.4 S.I.(CRBD) AVG.LOC.3&4X



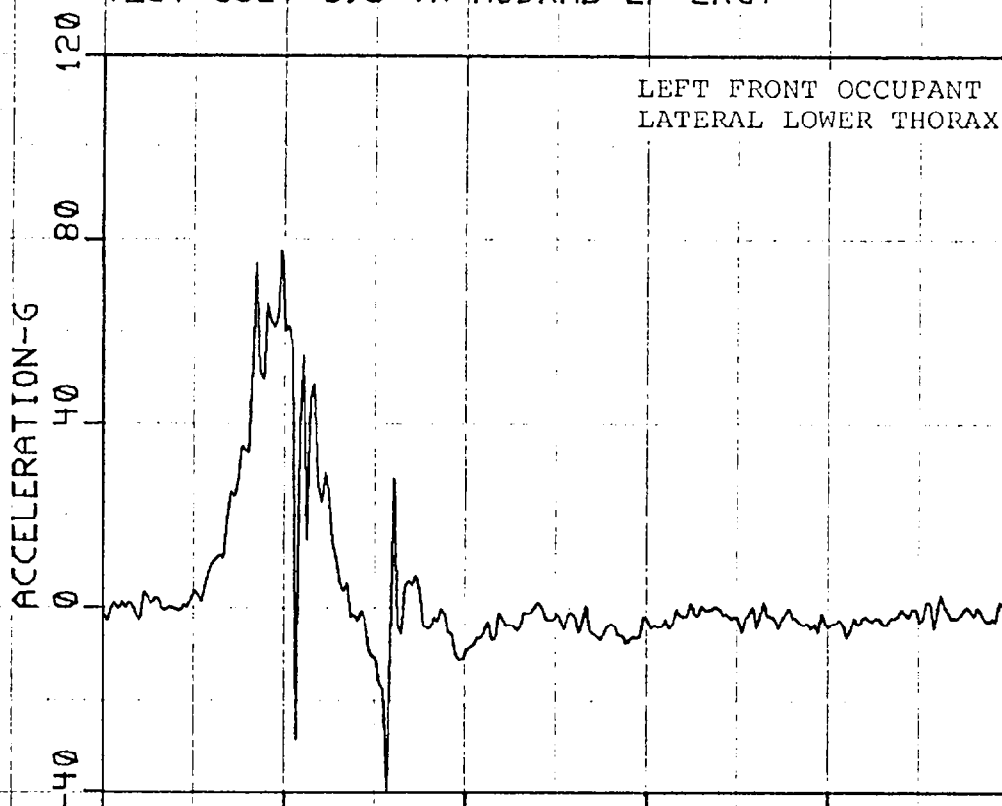
TEST#8327-6.3 VW MODRAB LR USGX



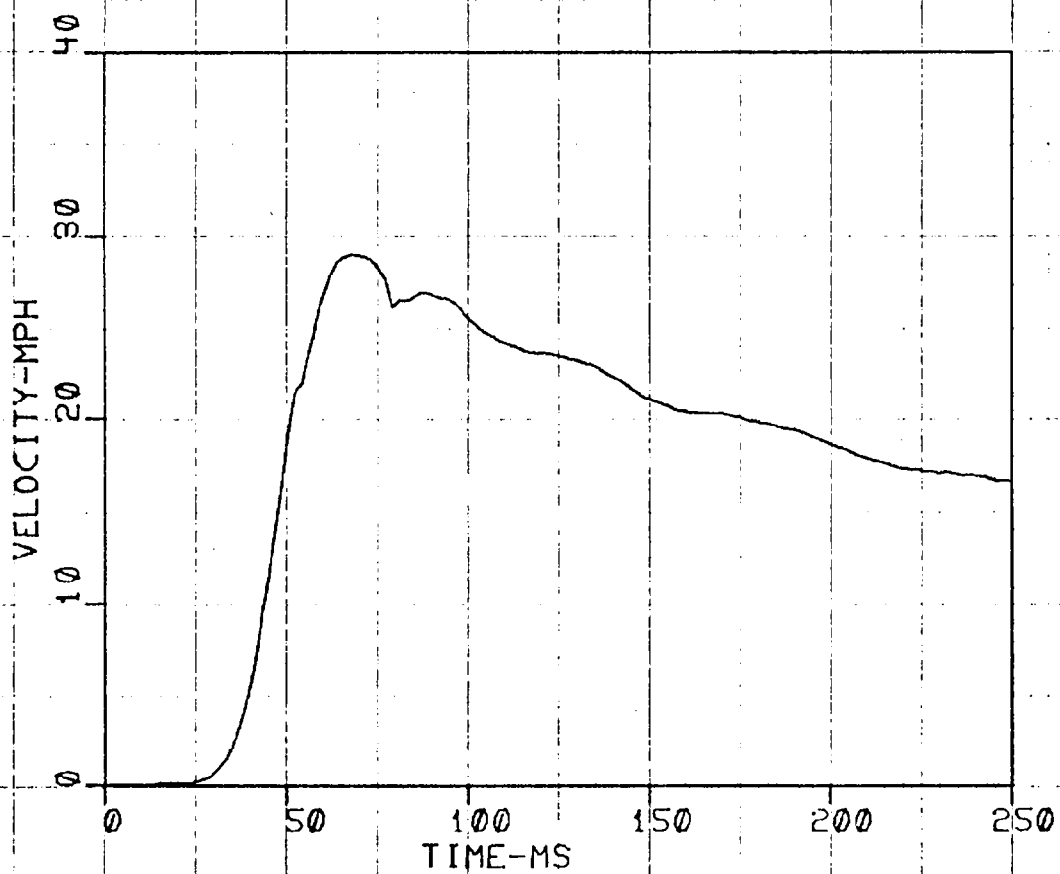
TEST#8327-6.3 VW MODRAB LR USVX

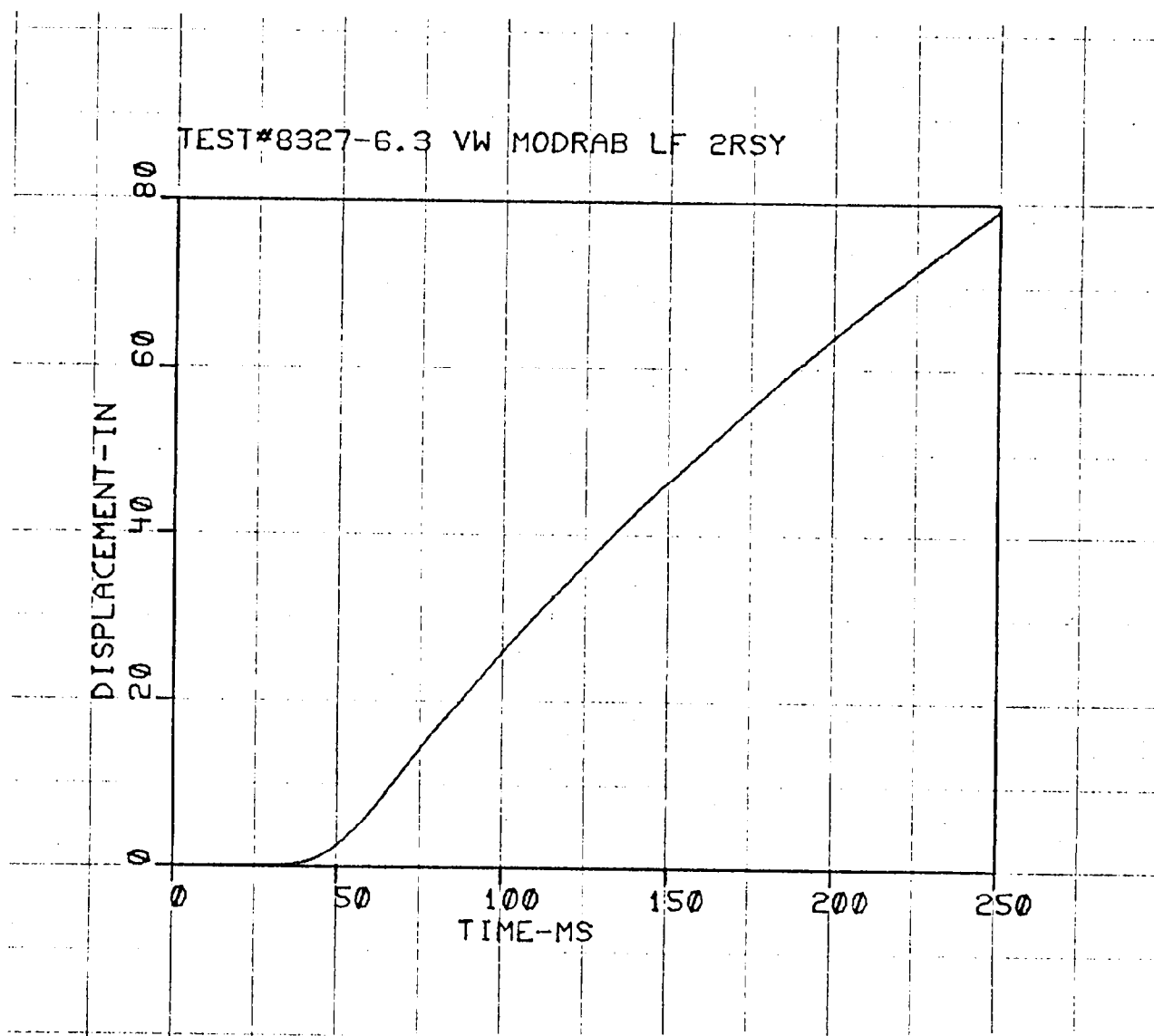


TEST#8327-6.3 VW MODRAB LF 2RGY

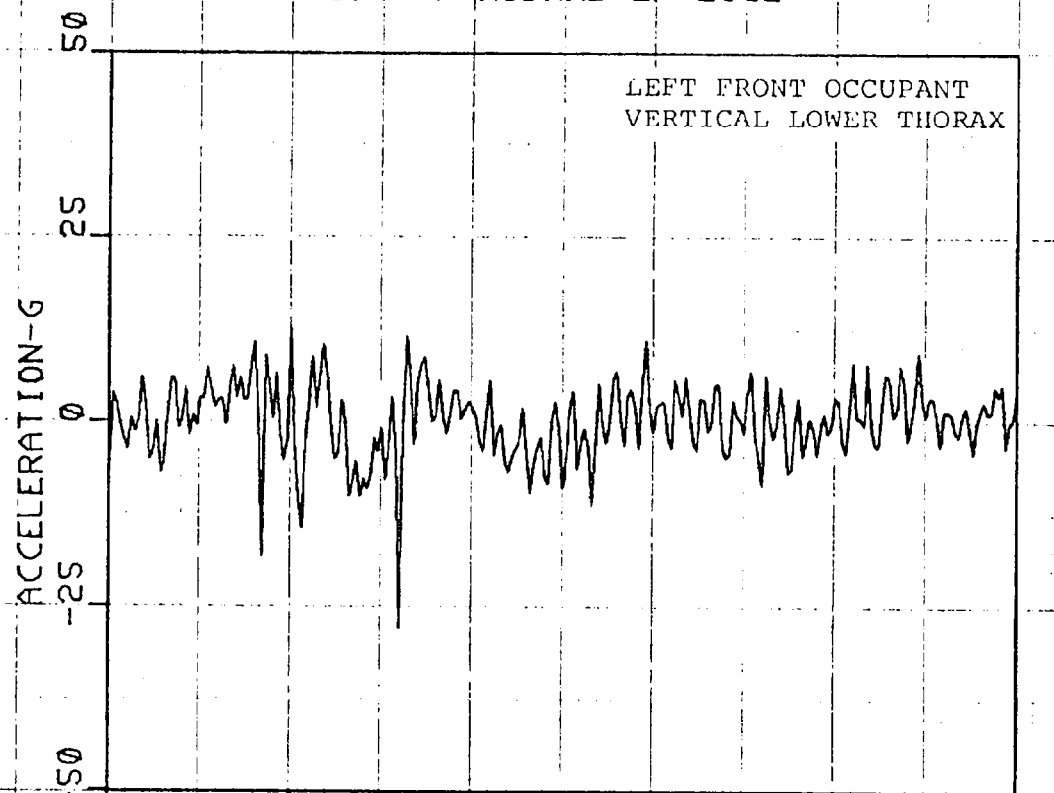


TEST#8327-6.3 VW MODRAB LF 2RVY

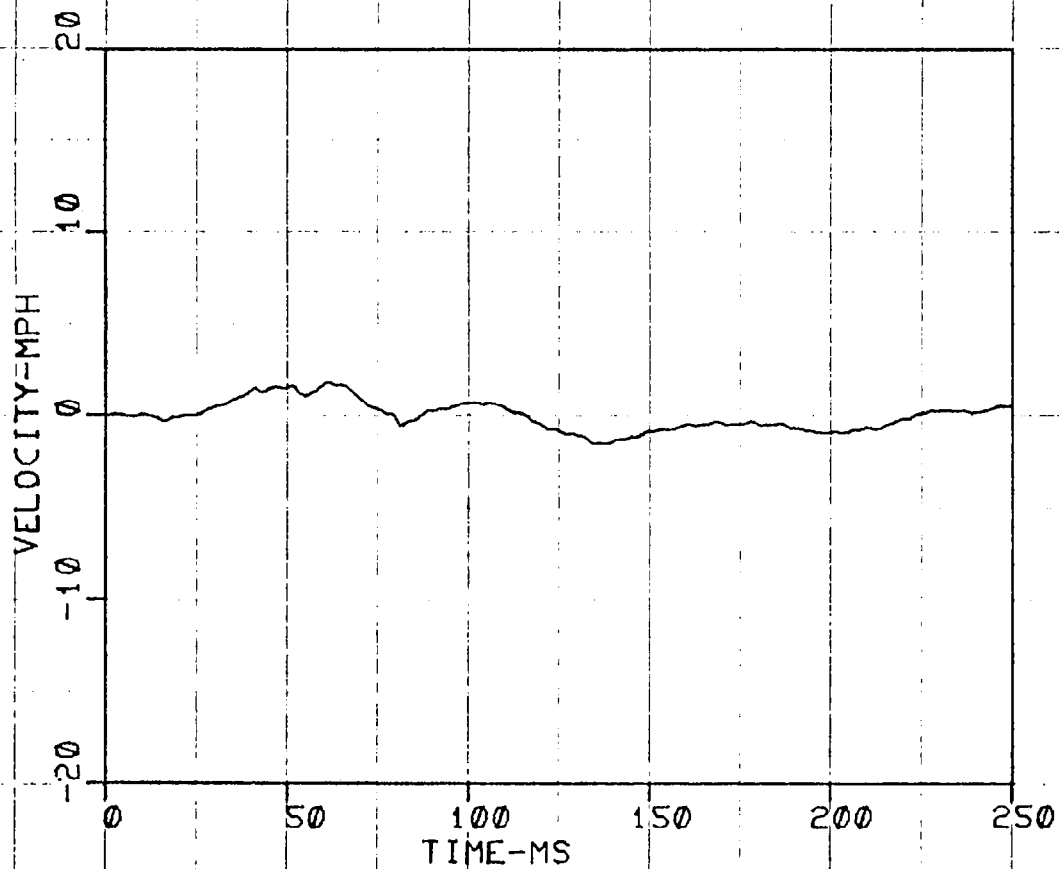


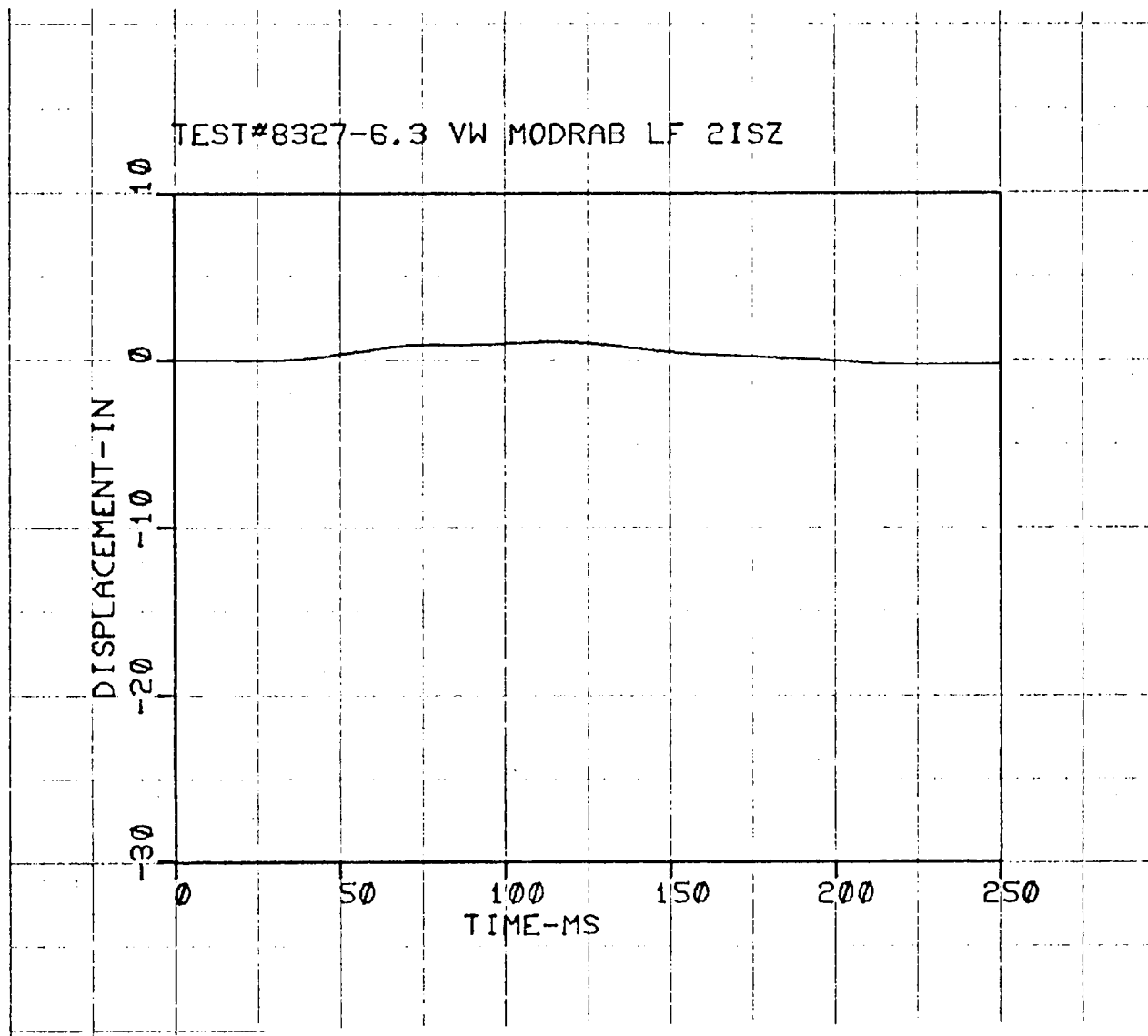


TEST#8327-6.3 VW MODRAB LF 2IGZ

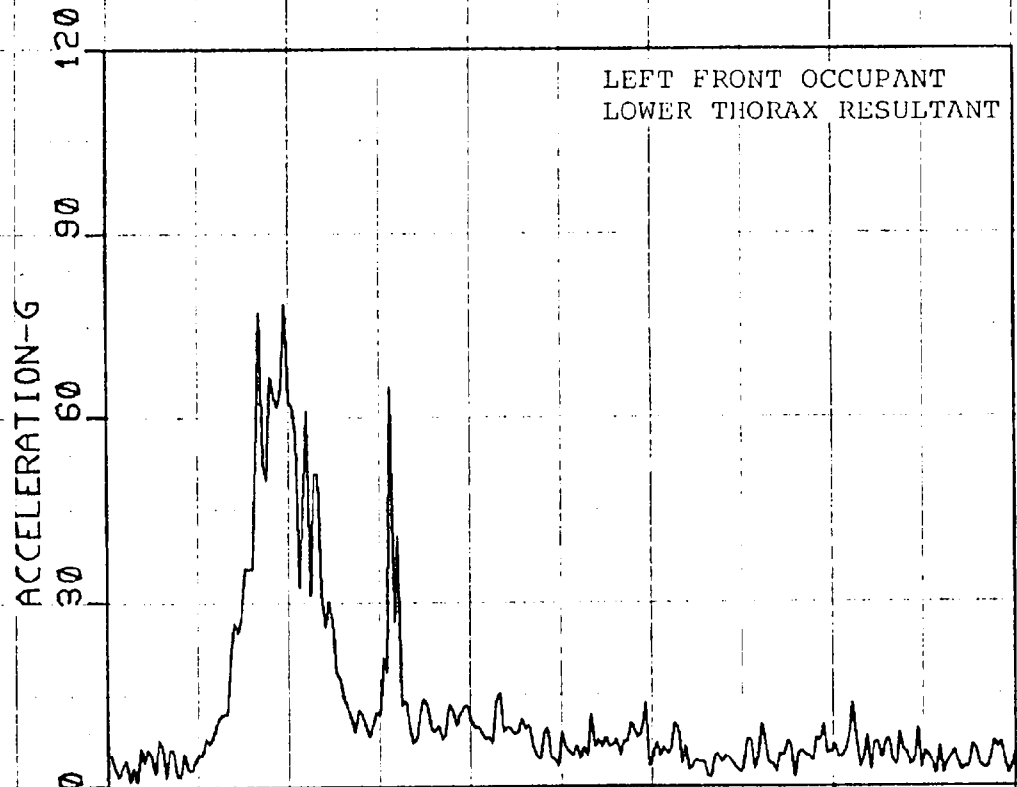


TEST#8327-6.3 VW MODRAB LF 2IVZ

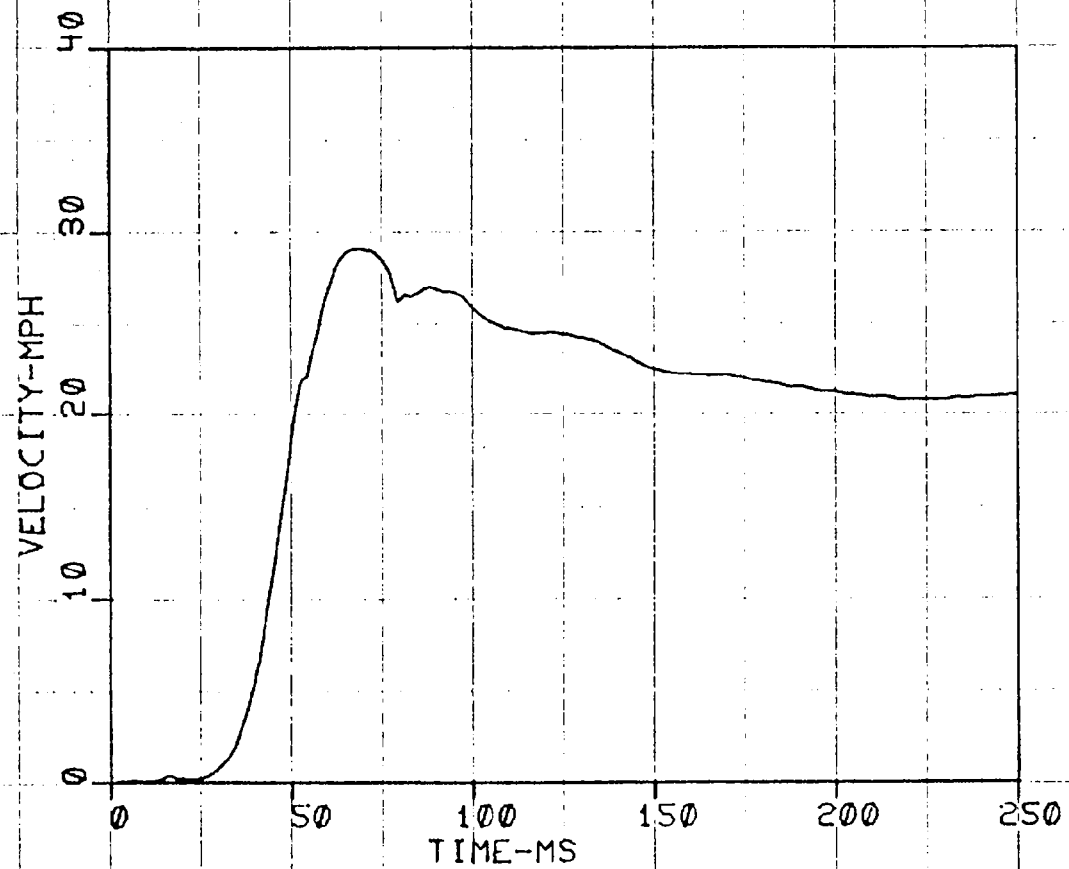


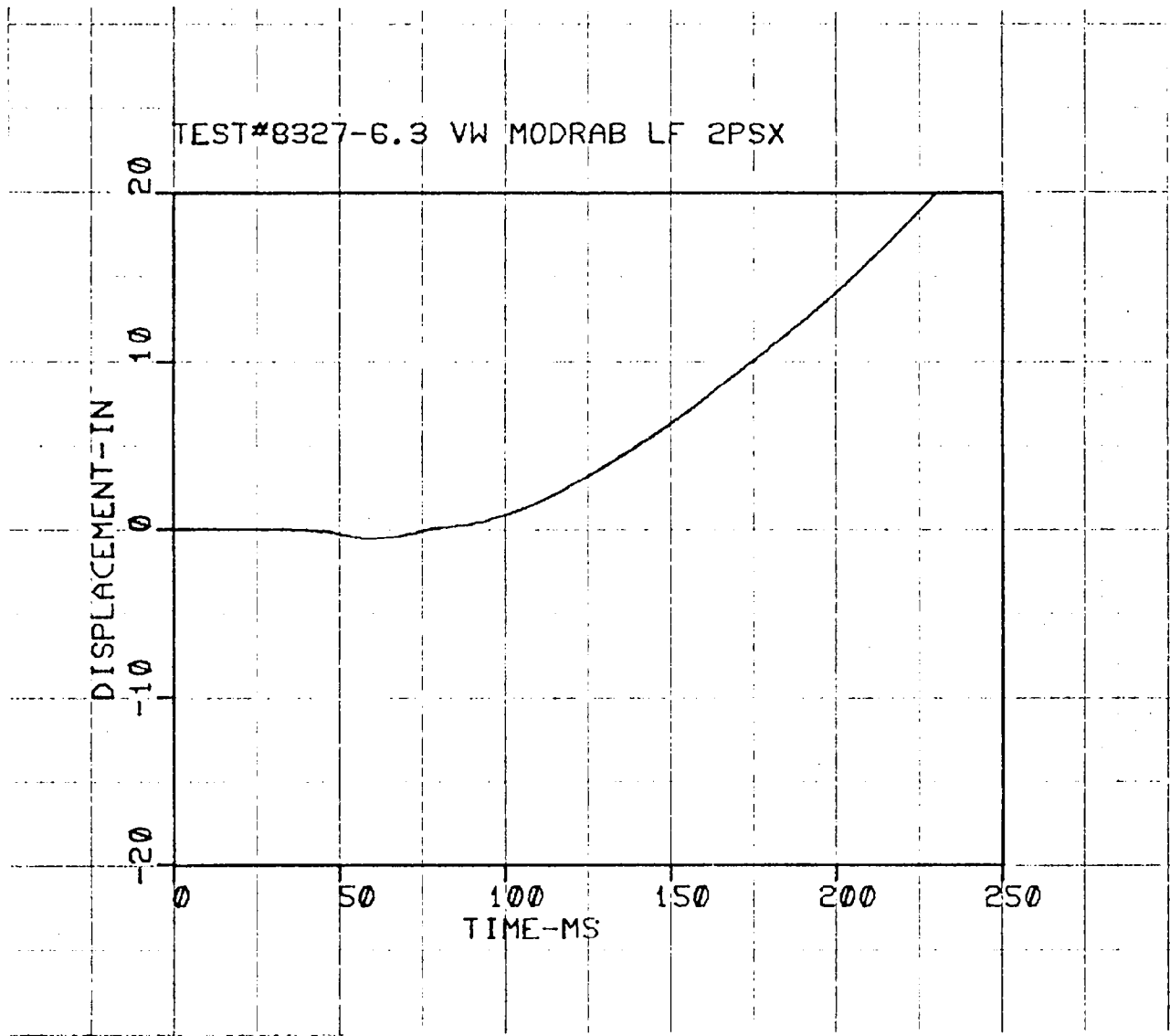


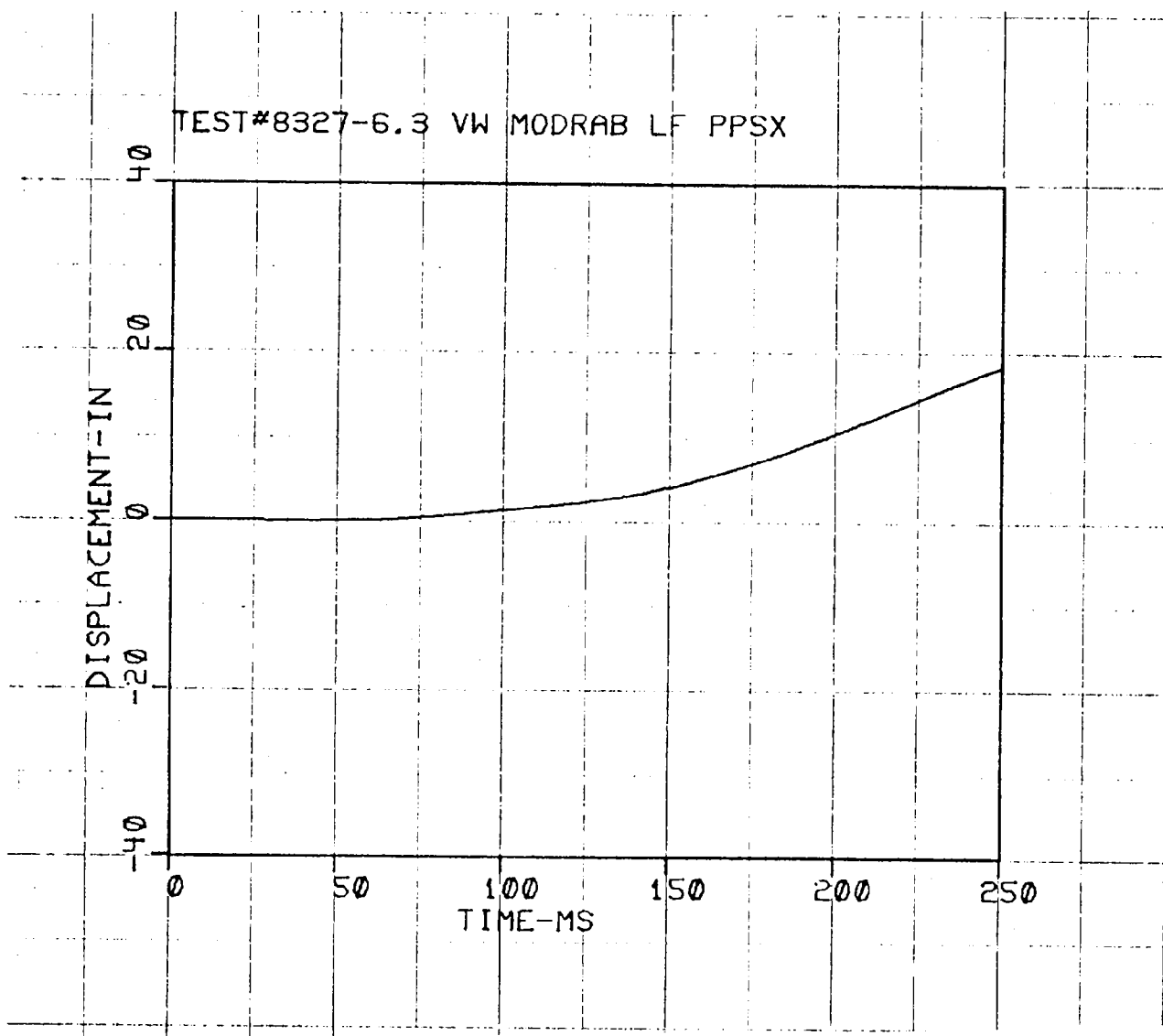
TEST#8327-6.3 VW MODRAB LF T-12 AR

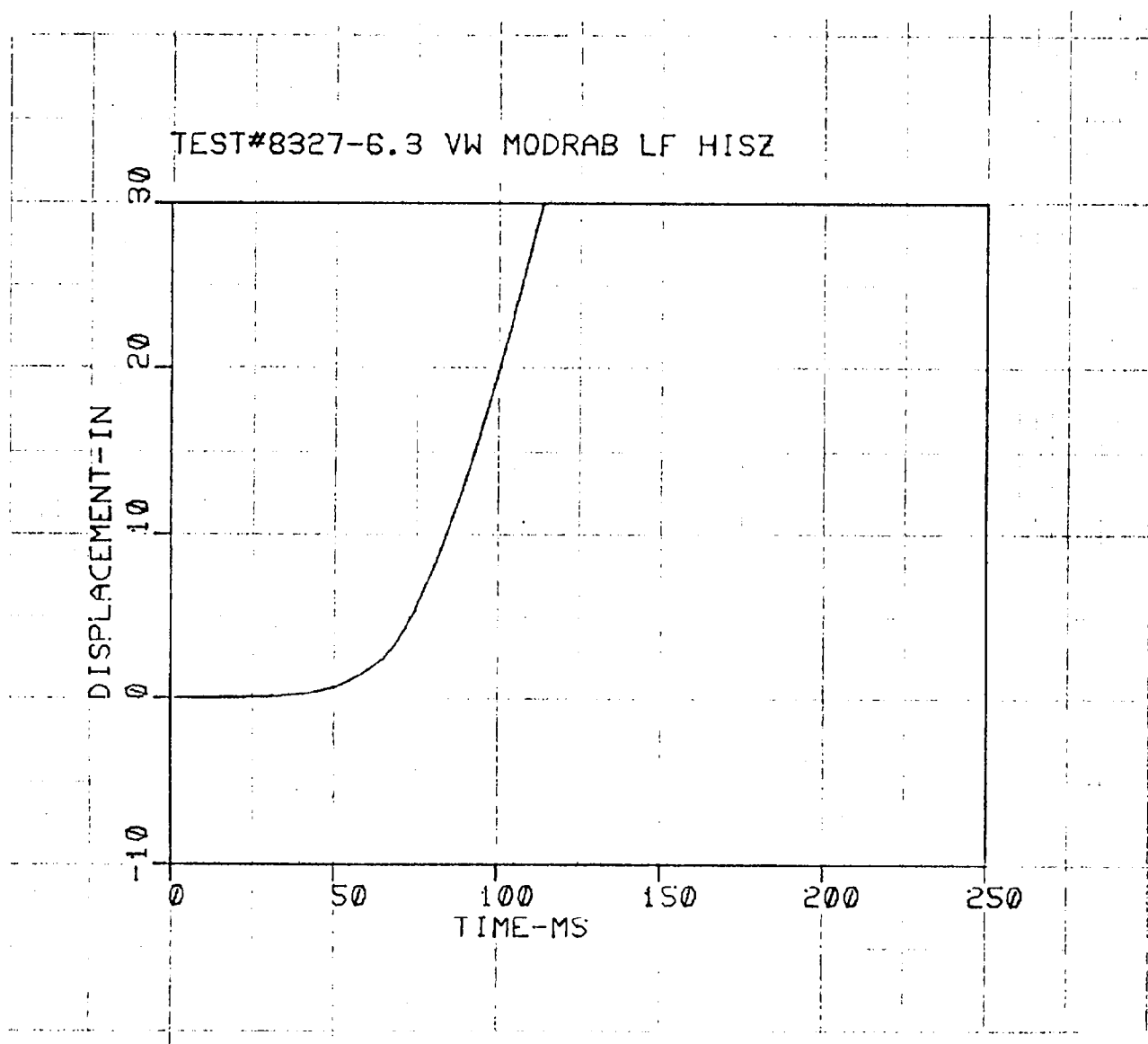


TEST#8327-6.3 VW MODRAB LF T-12 VR

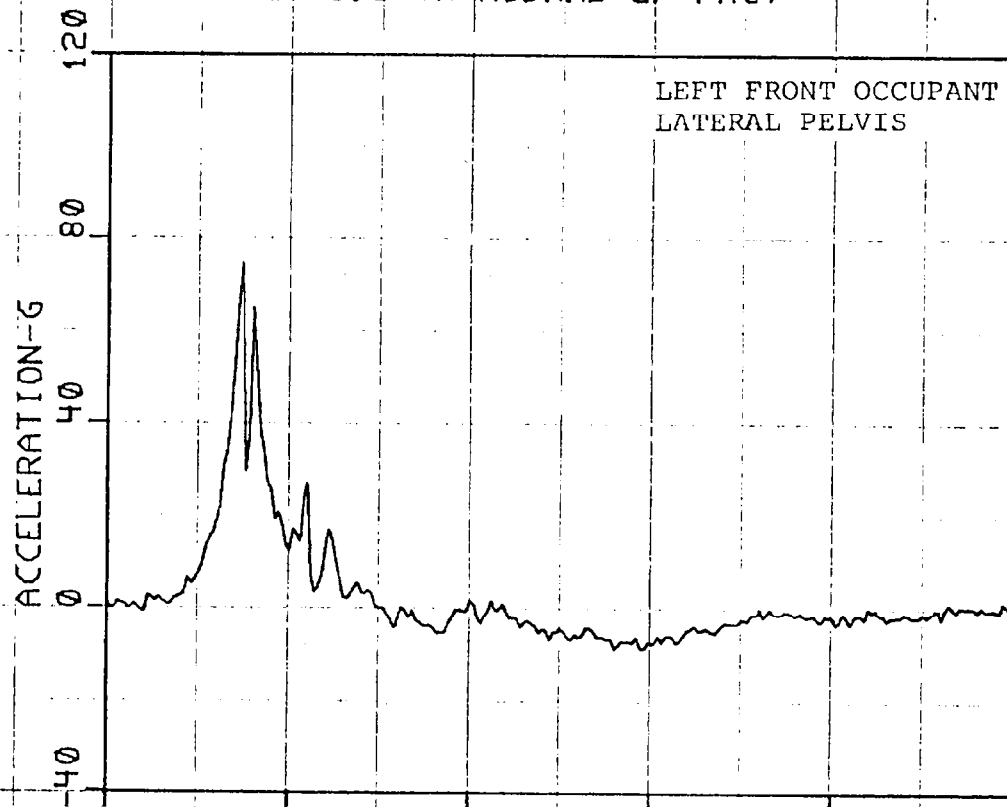




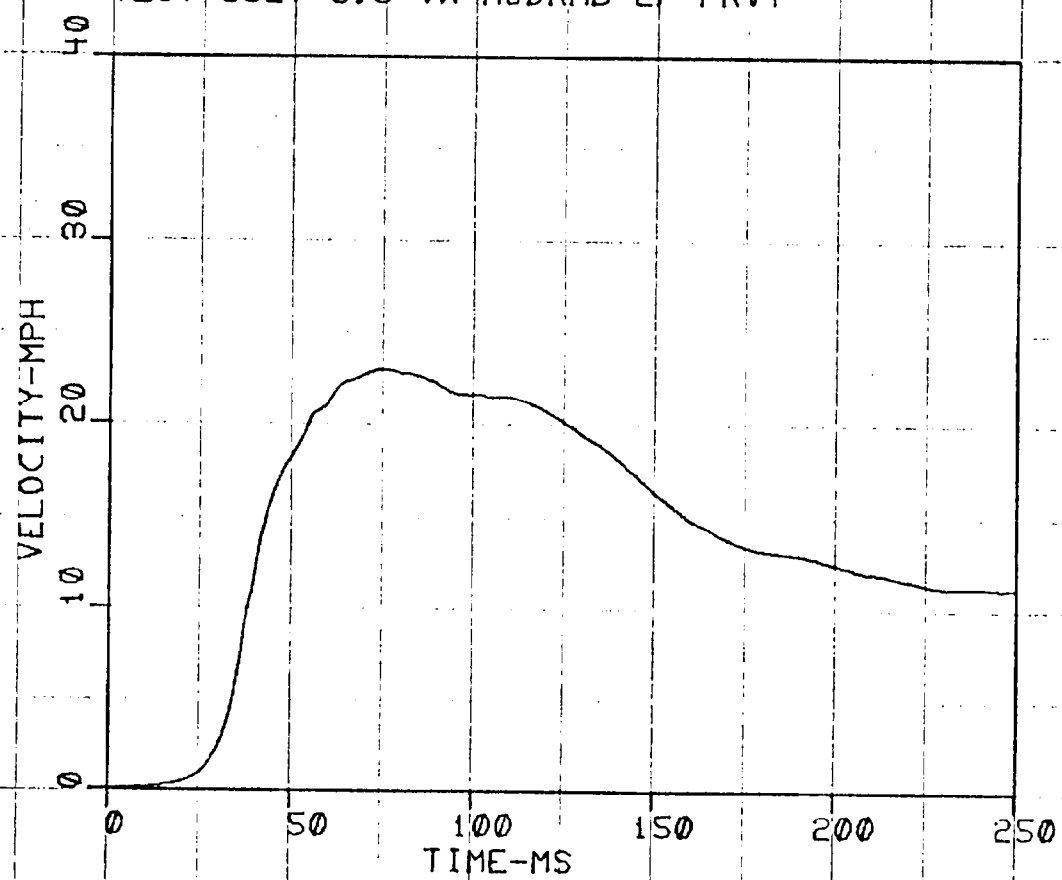


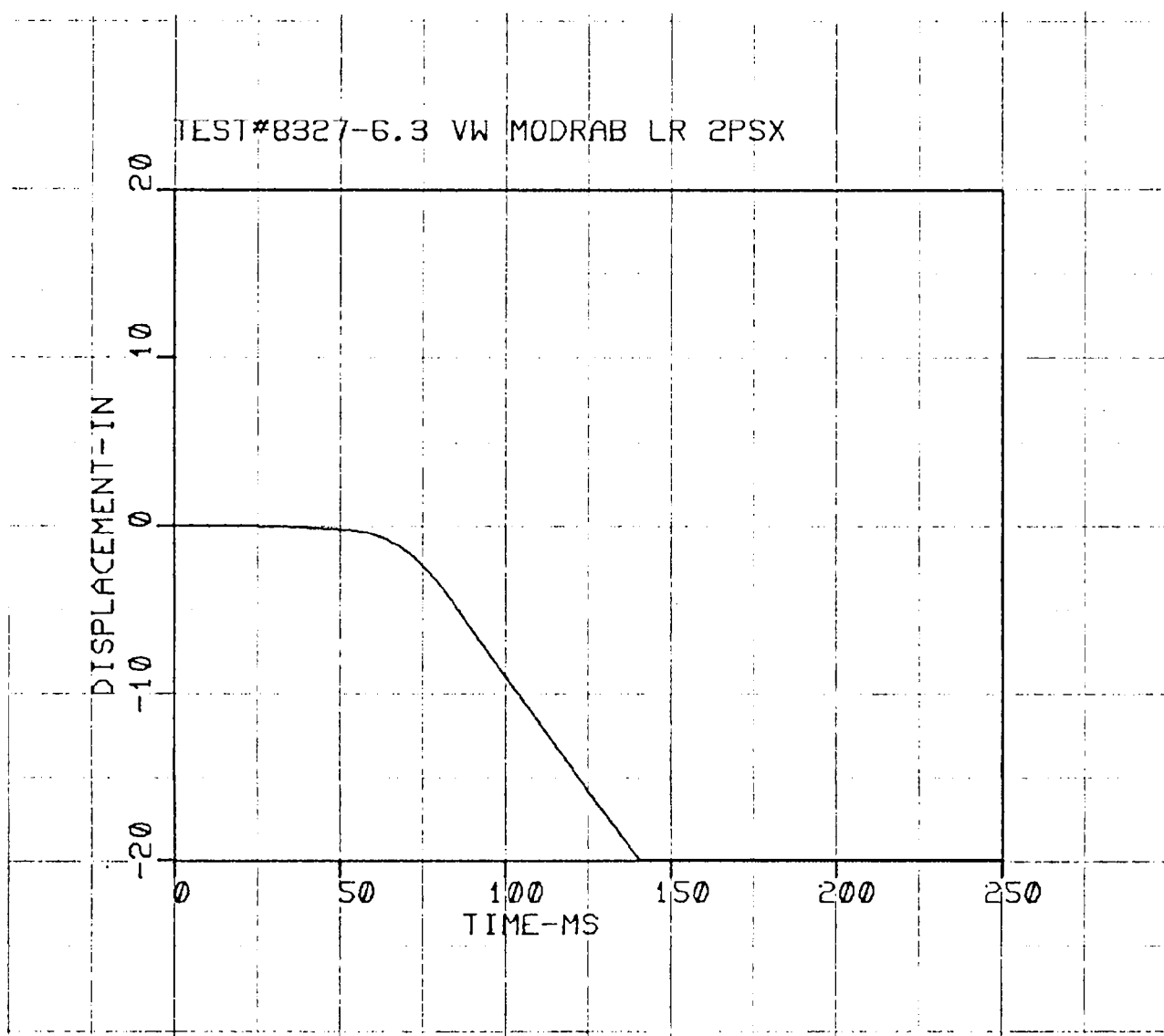


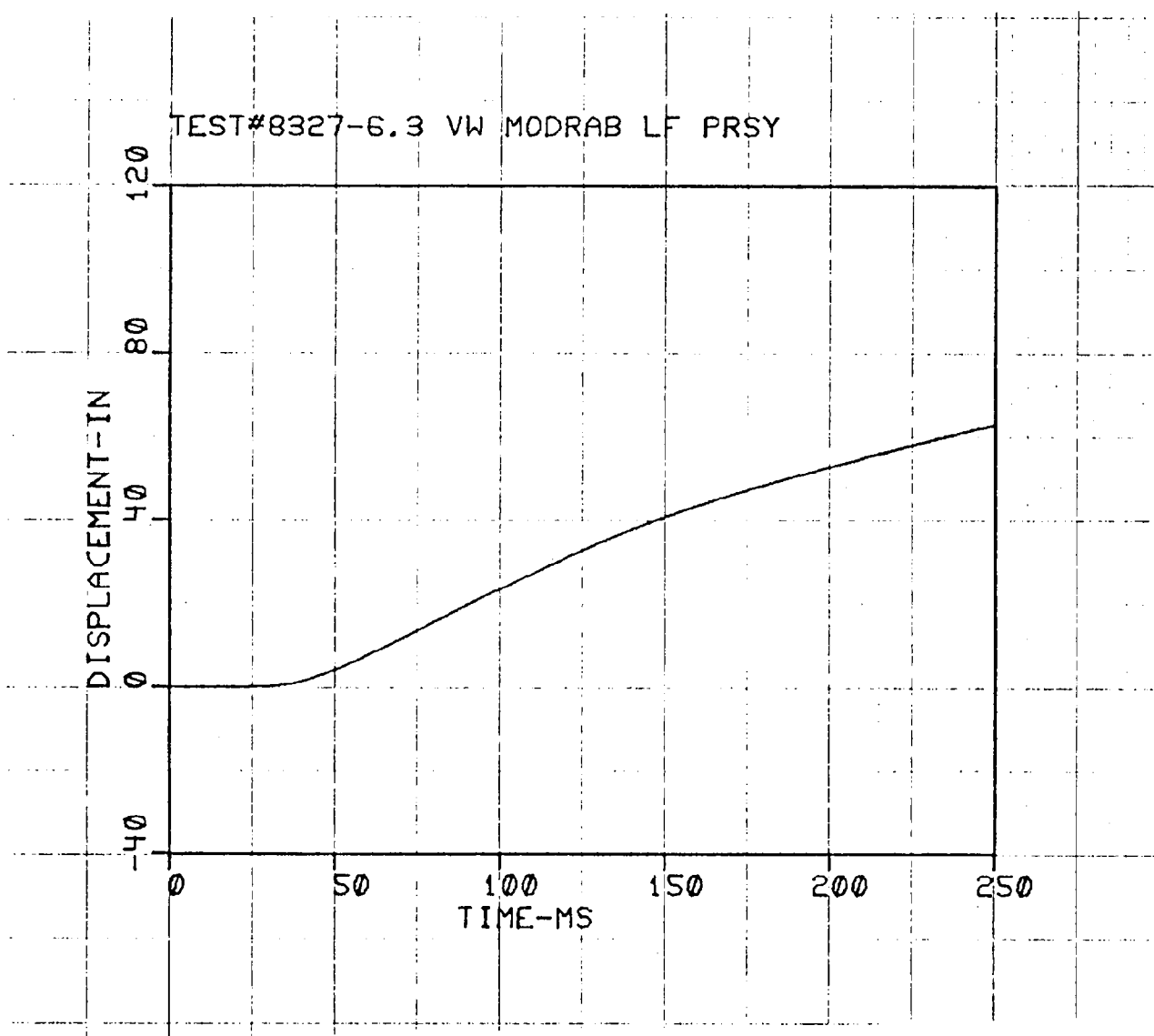
TEST#8327-6.3 VW MODRAB LF PRGY



TEST#8327-6.3 VW MODRAB LF PRVY







TEST#8327-6.3 VW MOKDRAB LF PIGZ

LEFT FRONT OCCUPANT
VERTICAL PELVIS

ACCELERATION-G

40

20

0

-20

-40

TEST#8327-6.3 VW MODRAB LF PIVZ

20

10

0

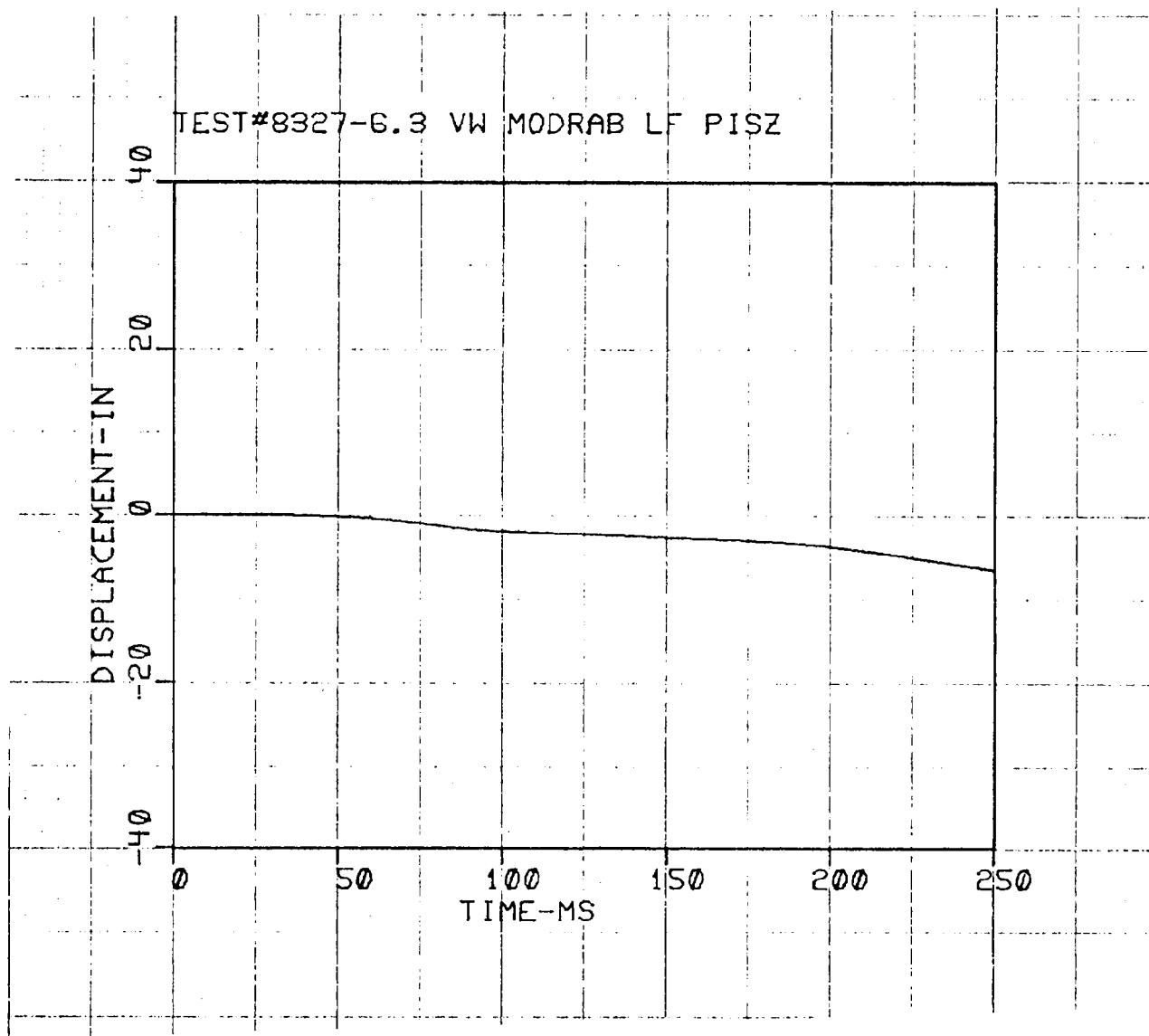
-10

-20

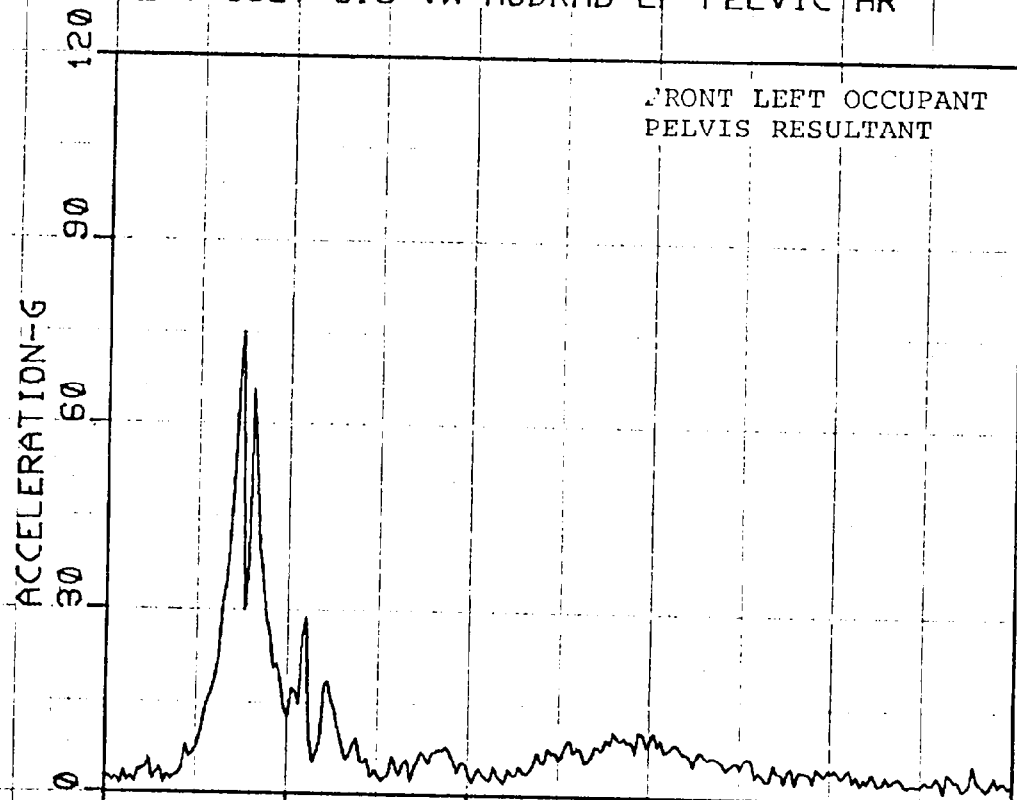
VELOCITY-MPH

TIME-MS

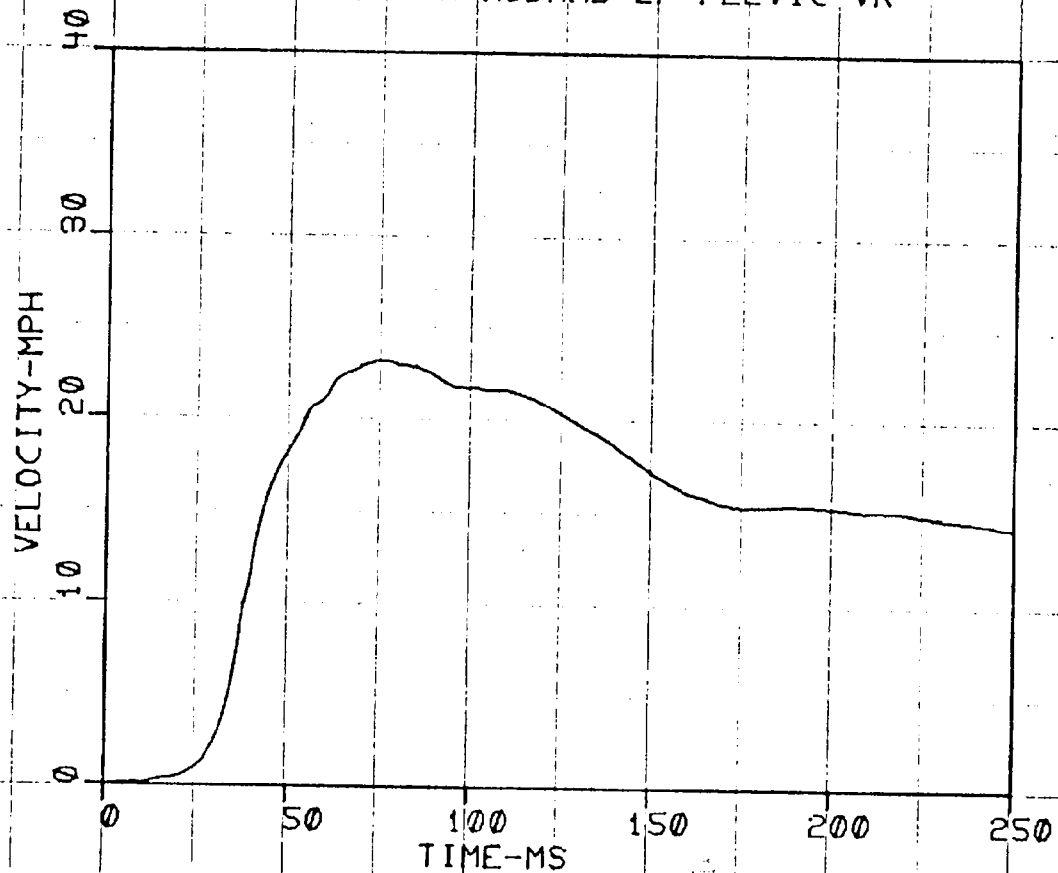
D-110

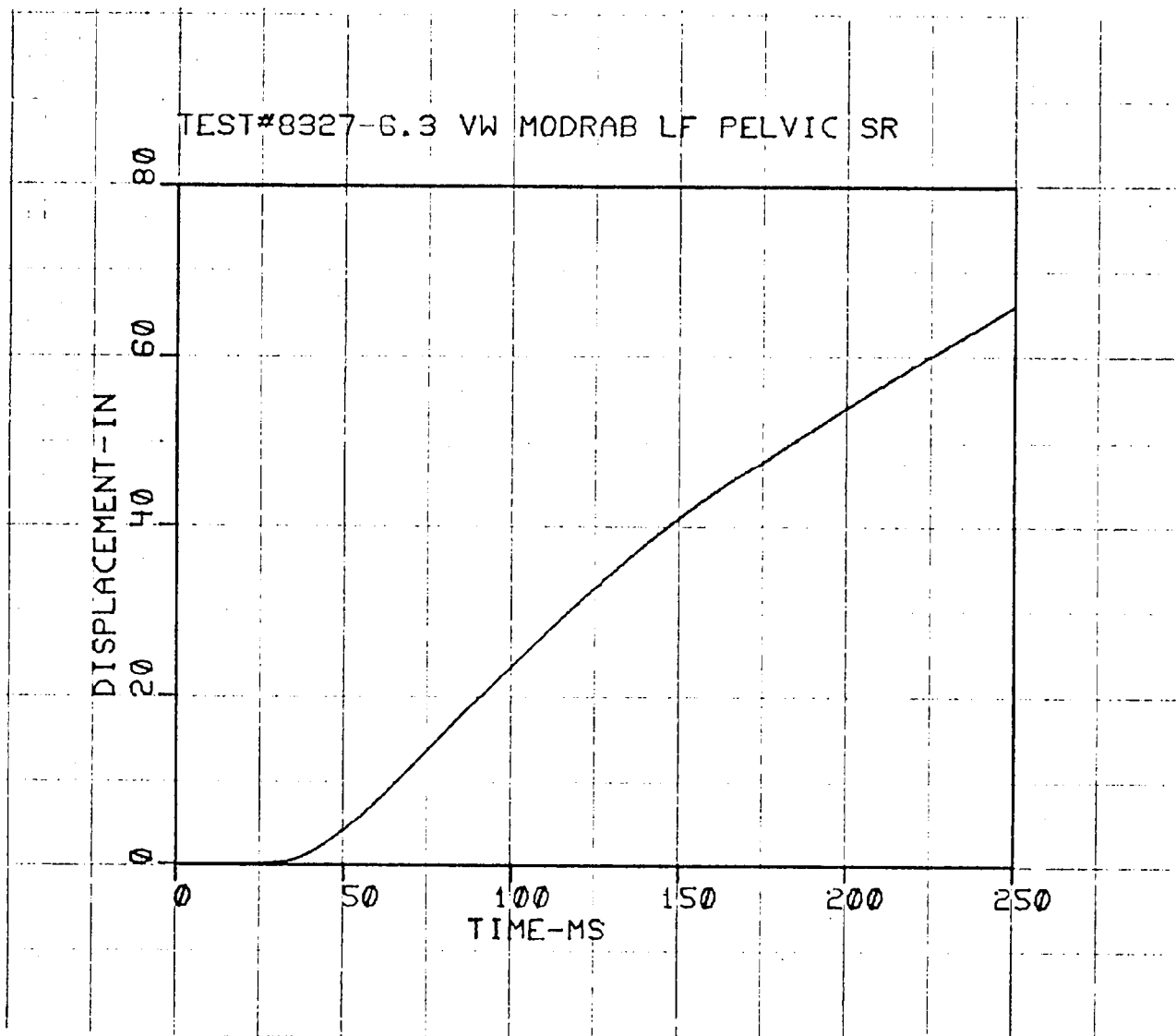


TEST#8327-6.3 VW MODRAB LF PELVIC AR

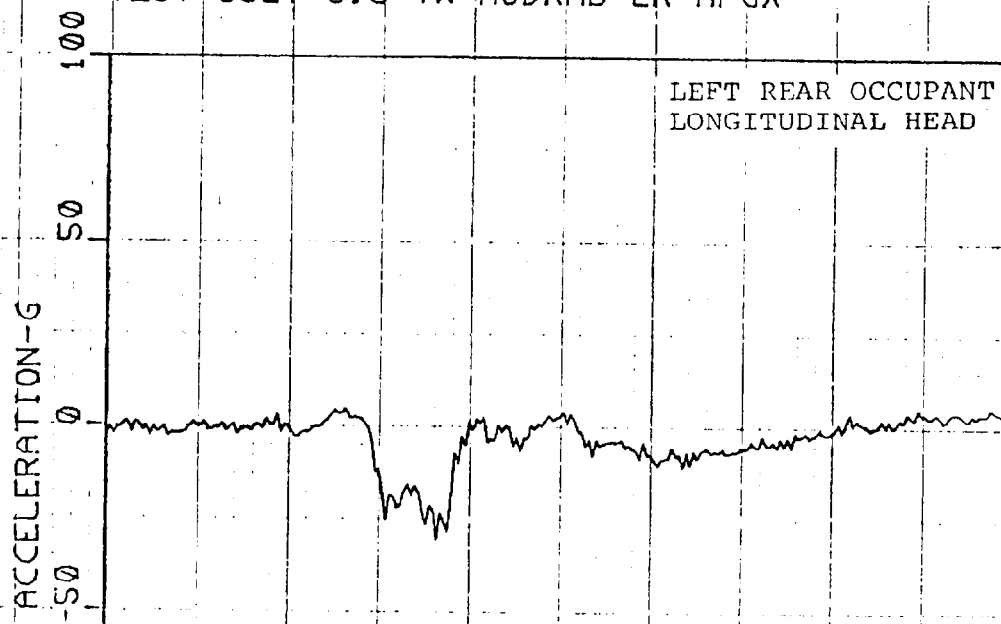


TEST#8327-6.3 VW MODRAB LF PELVIC VR

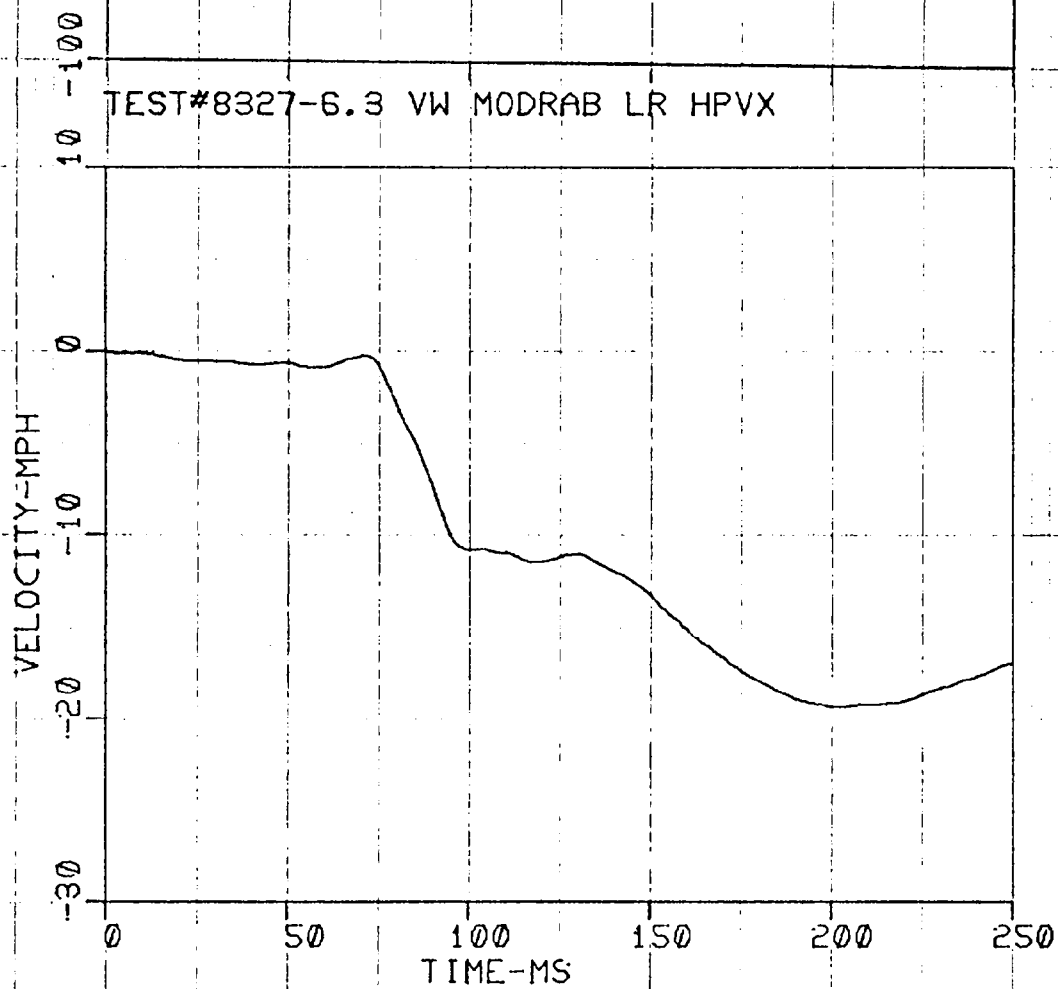


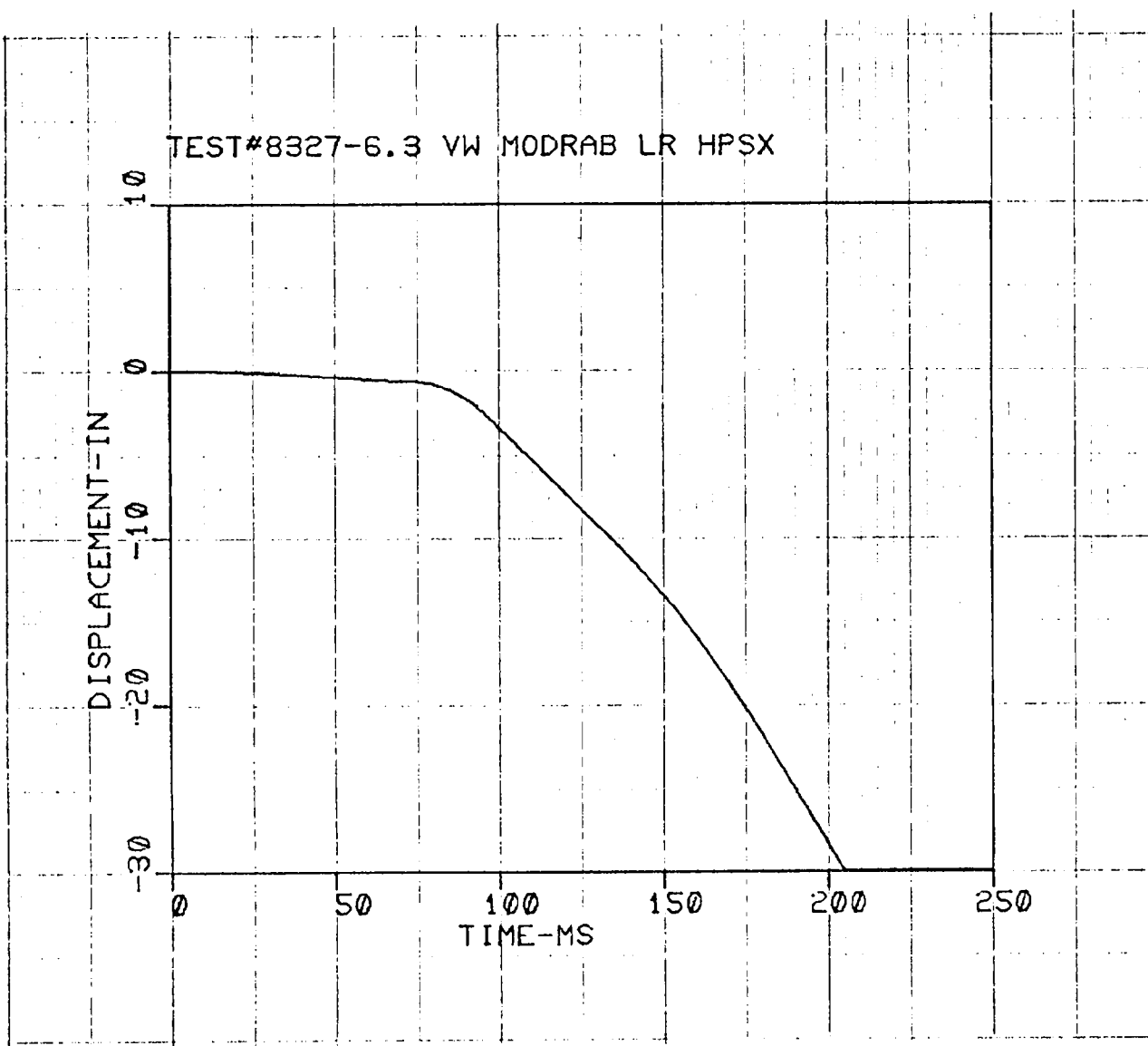


TEST#8327-6.3 VW MODRAB LR HPGX

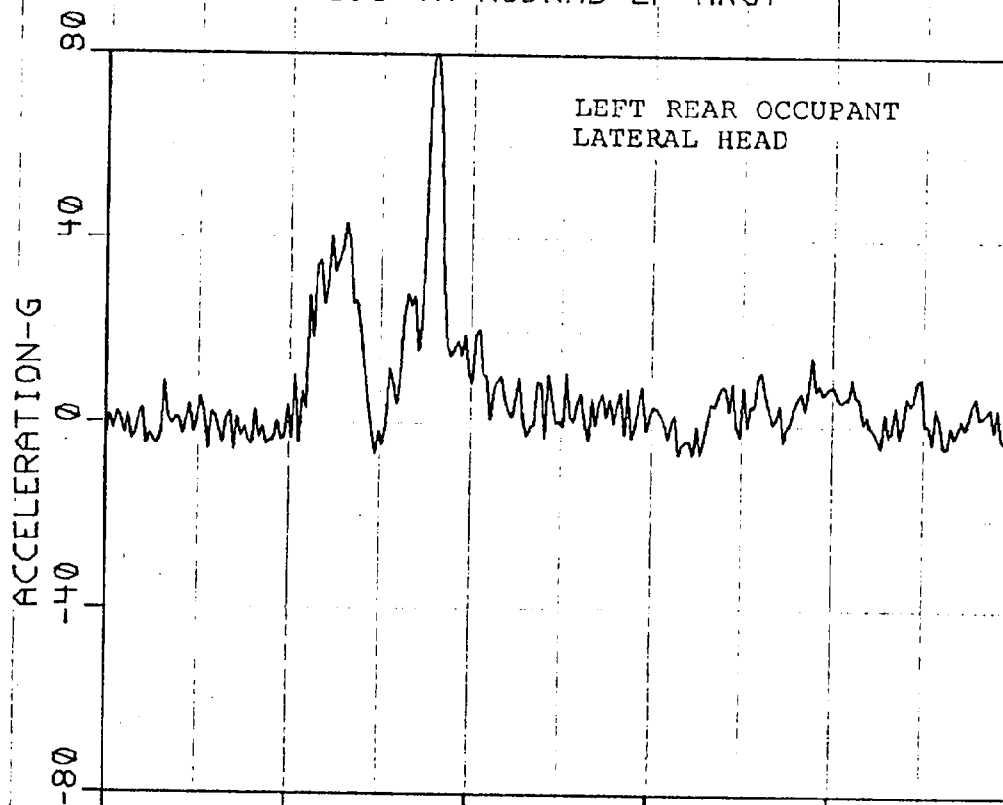


TEST#8327-6.3 VW MODRAB LR HPVX

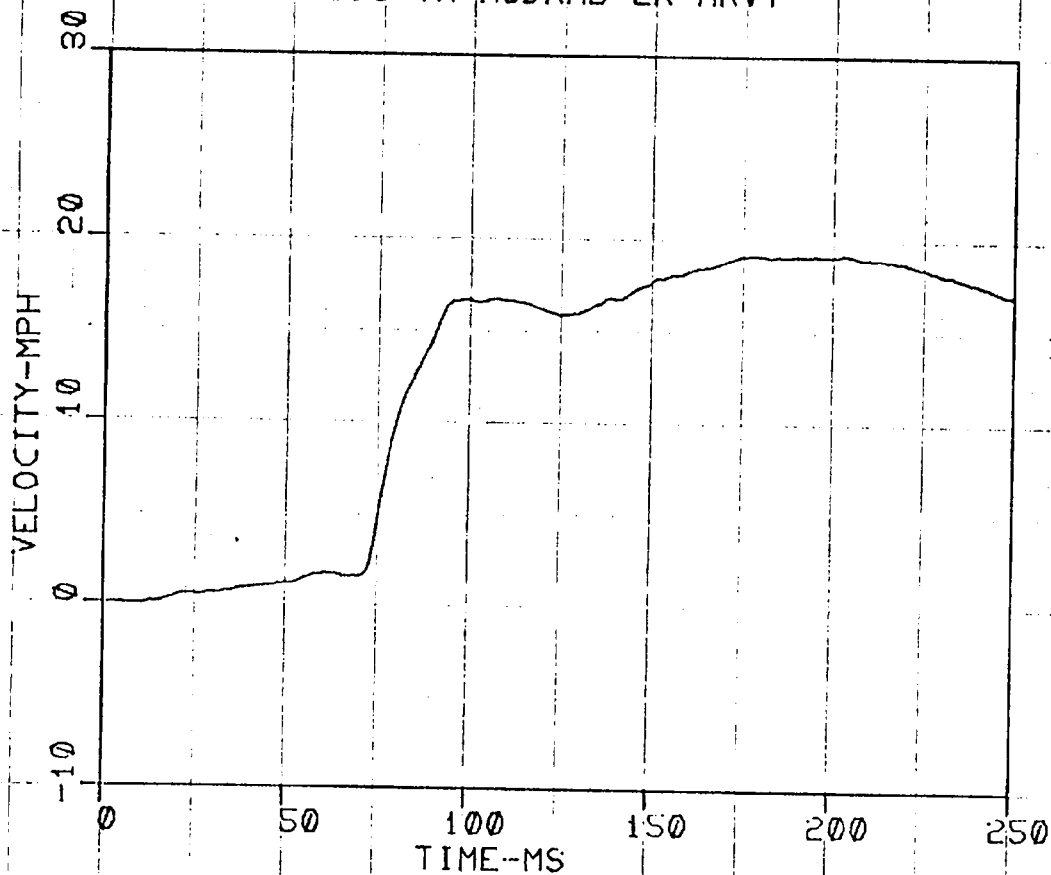


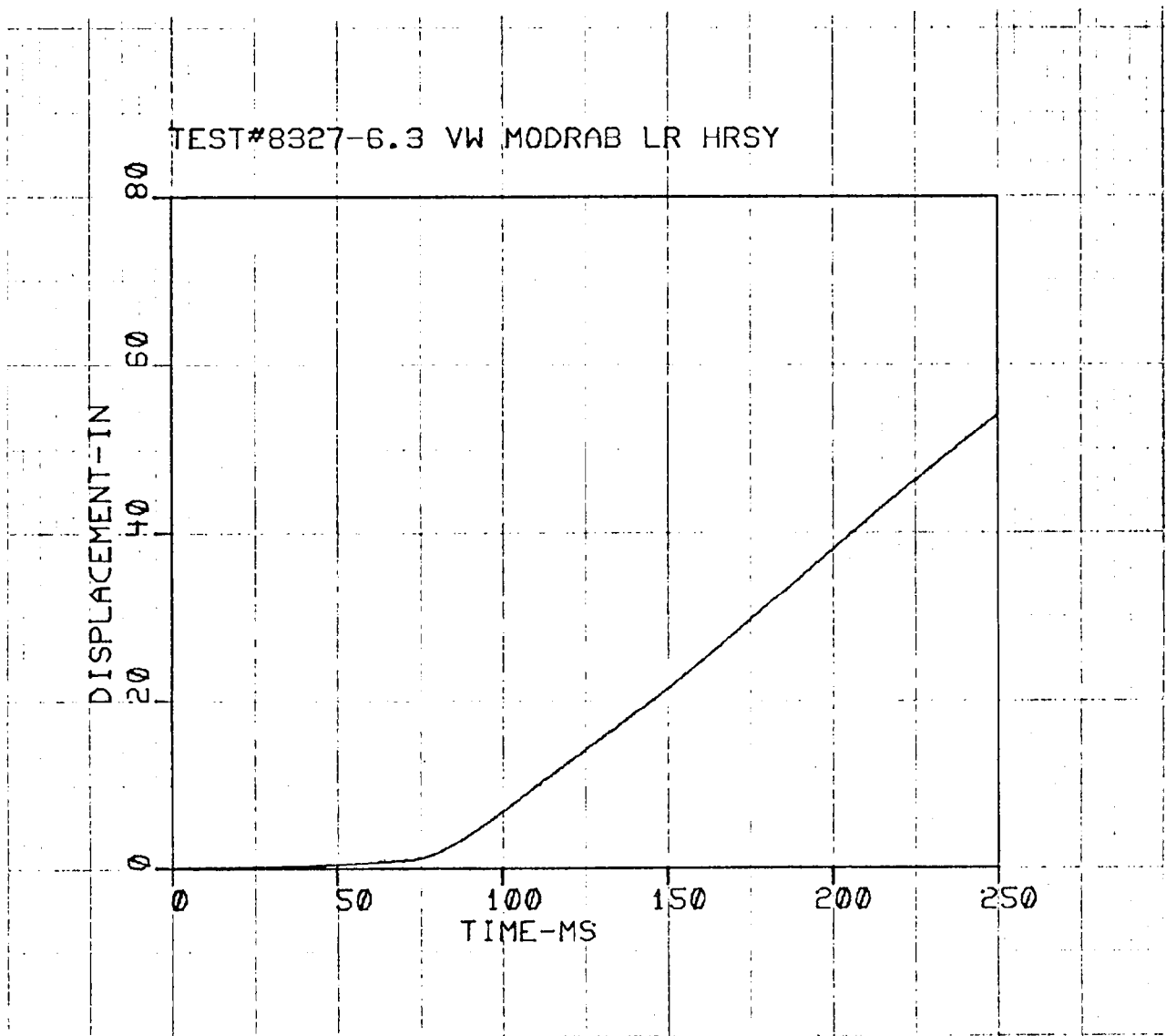


TEST#8327-6.3 VW MODRAB LF HRGY

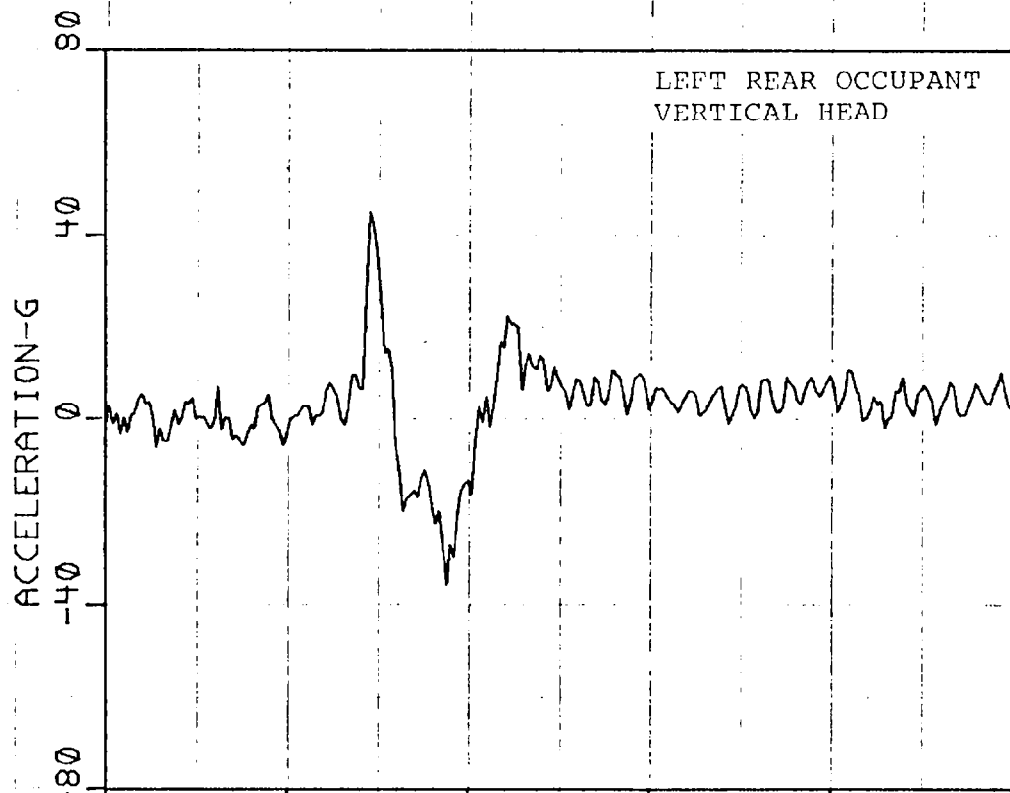


TEST#8327-6.3 VW MODRAB LR HRVY

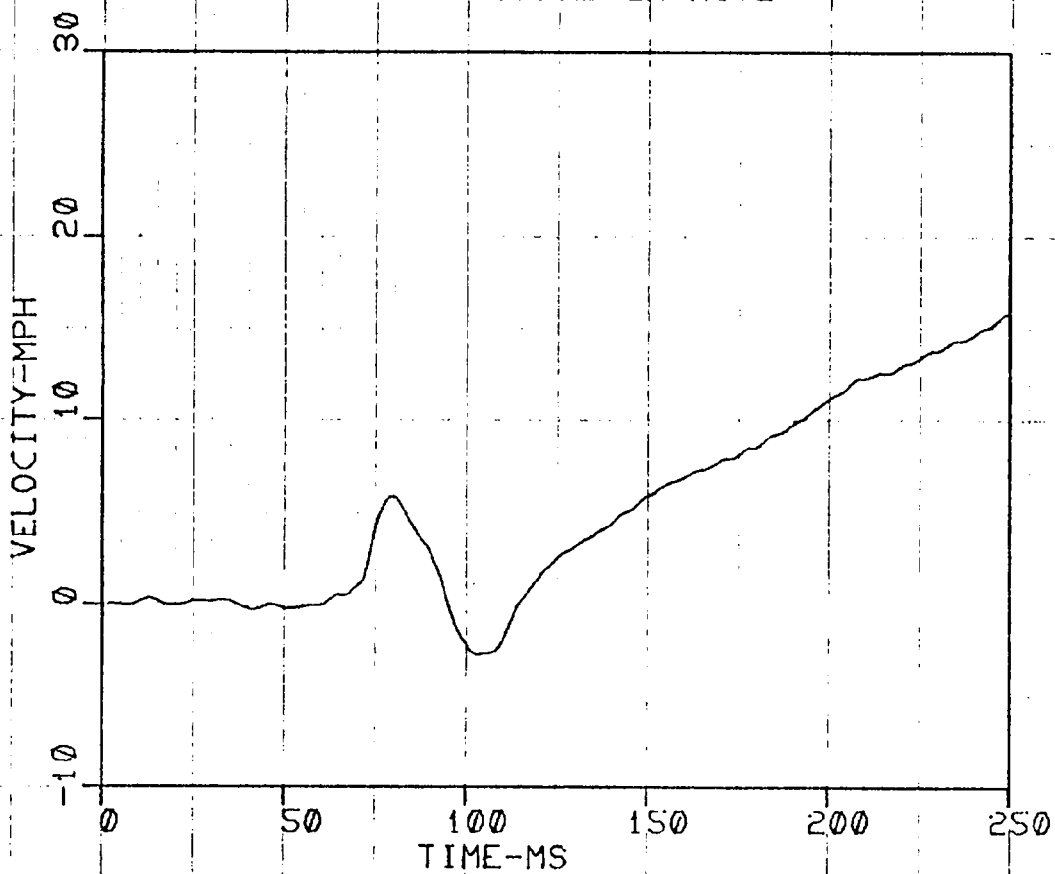


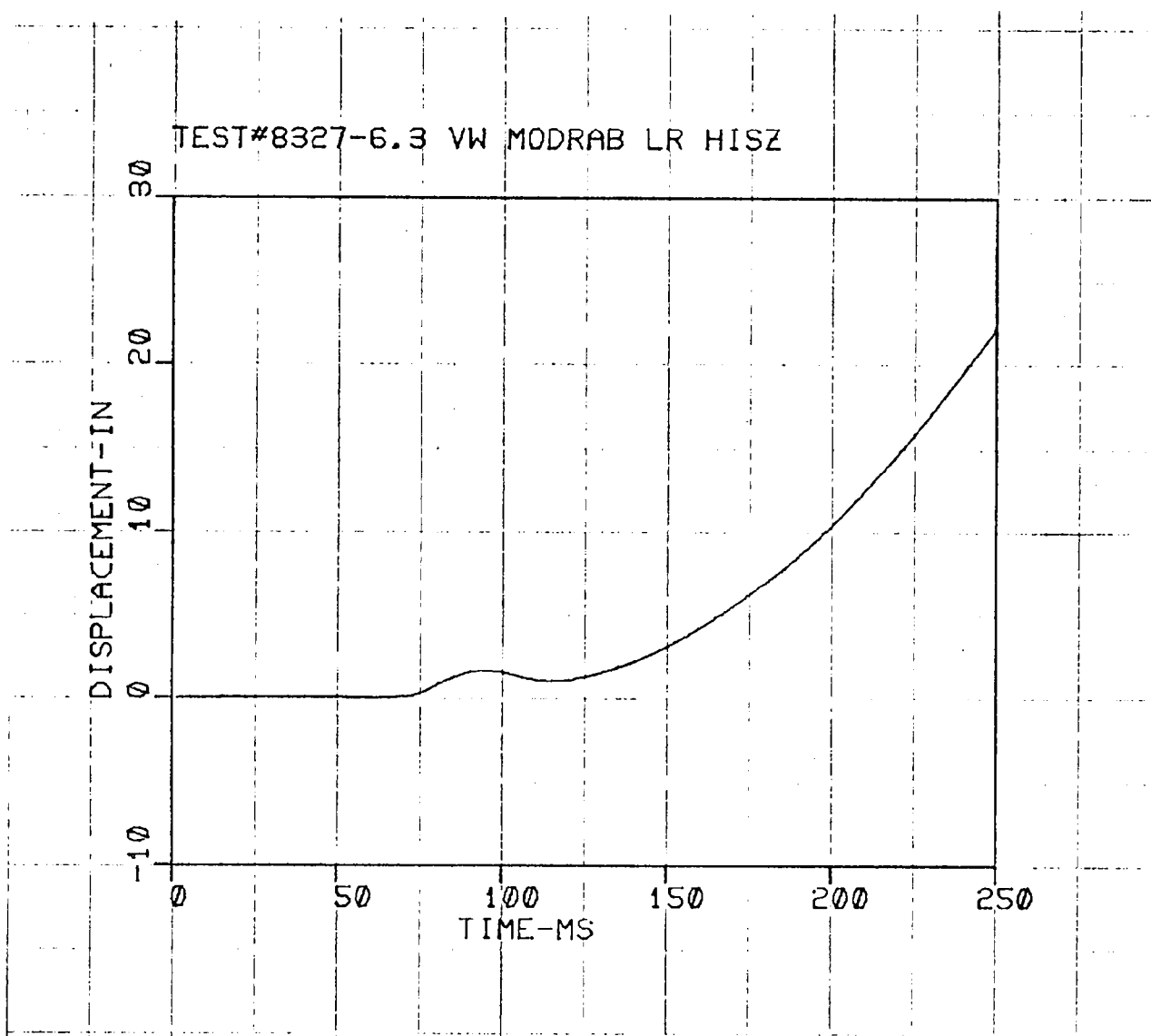


TEST#8327-6.3 VW MODRAB LR HIGZ

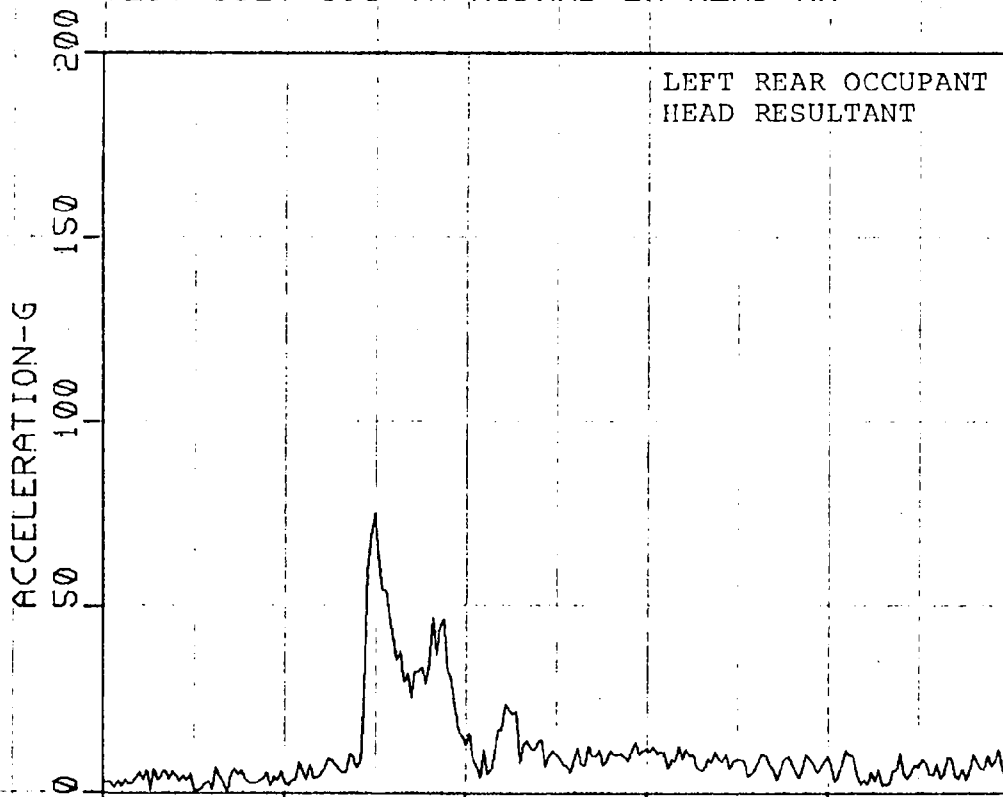


TEST#8327-6.3 VW MODRAB LR HIVZ

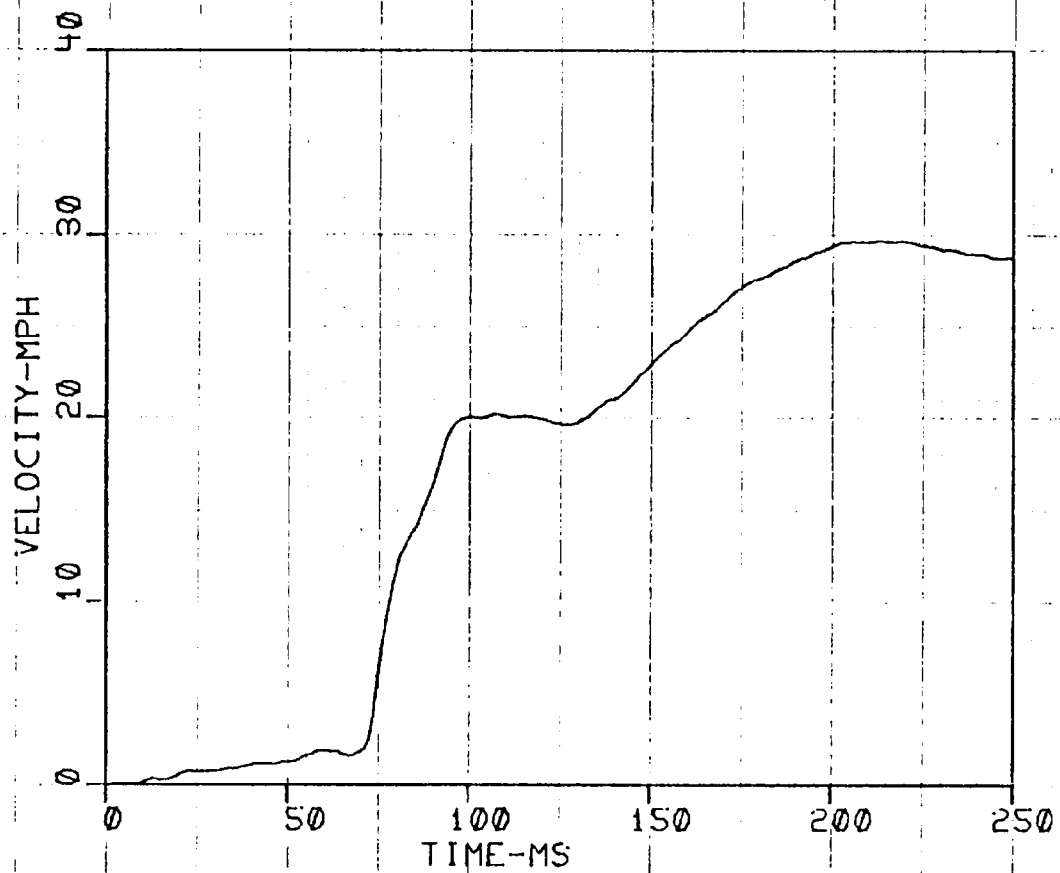


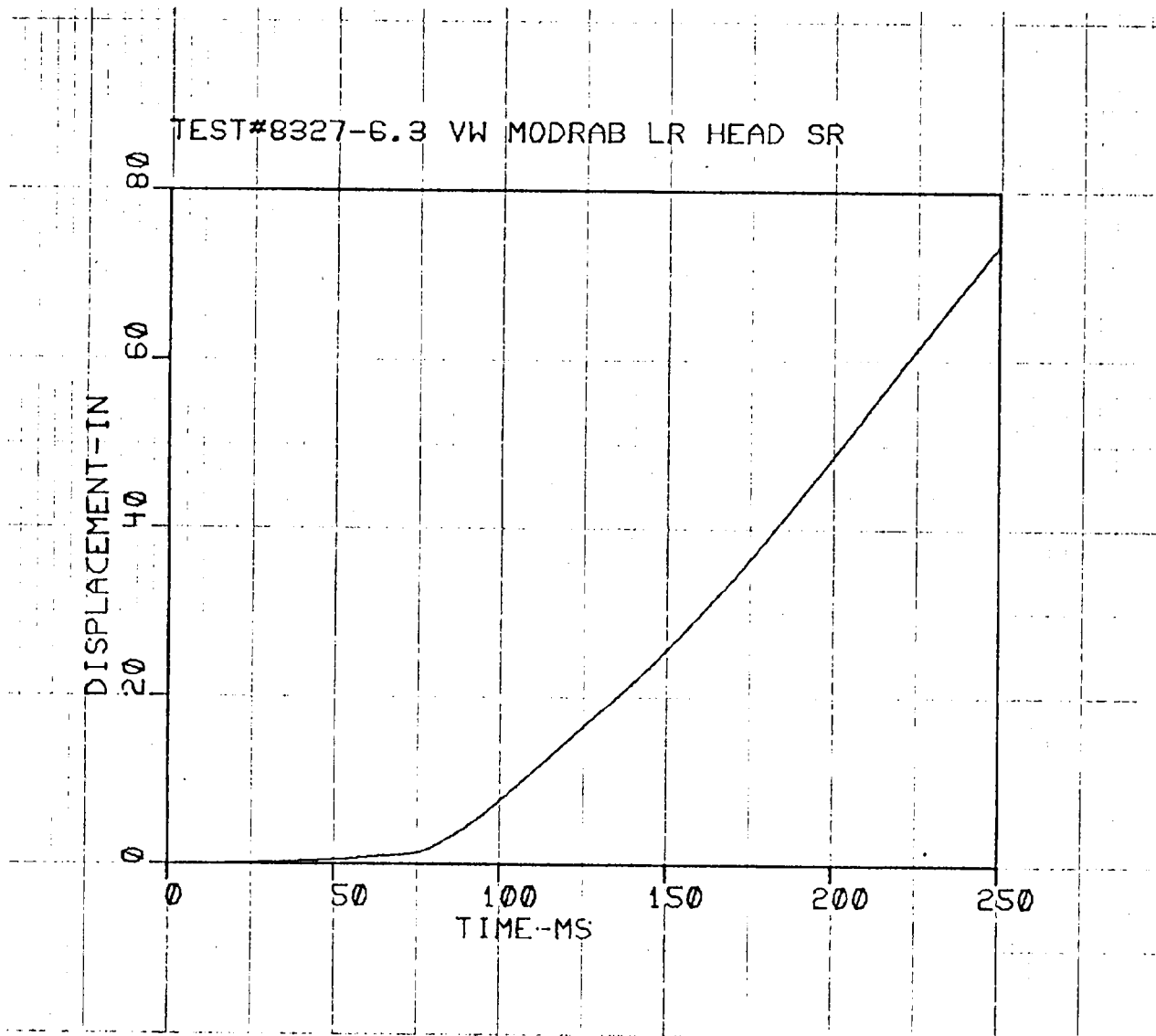


TEST#8327-6.3 VW MODRAB LR HEAD AR

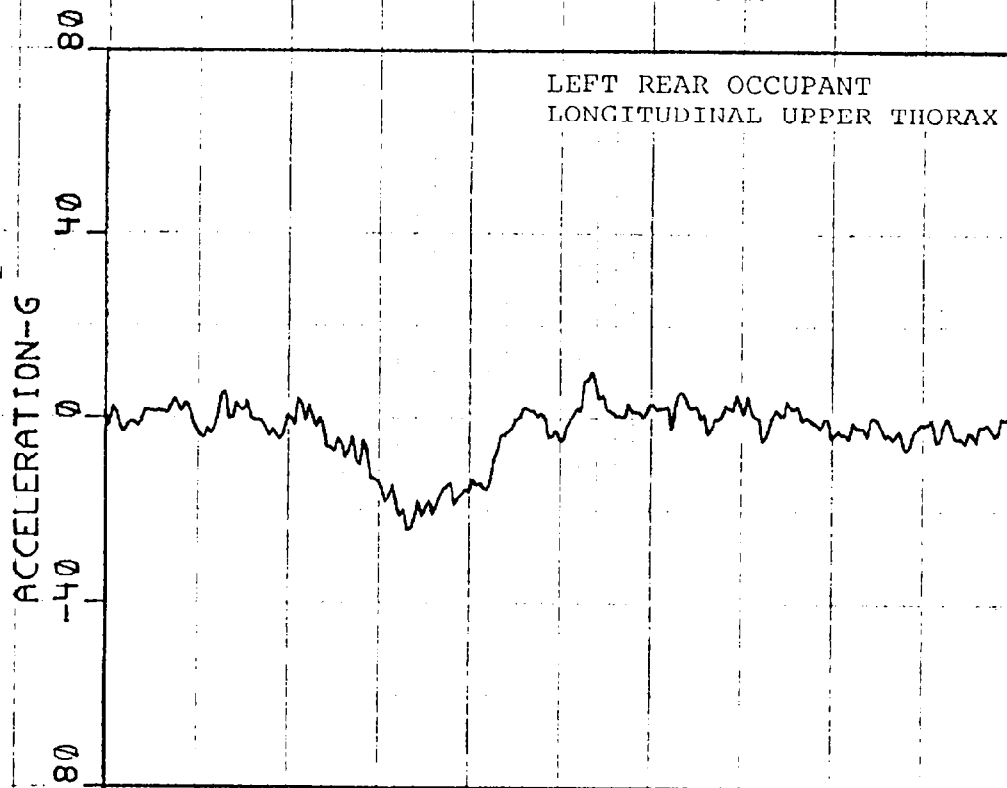


TEST#8327-6.3 VW MODRAB LR HEAD VR

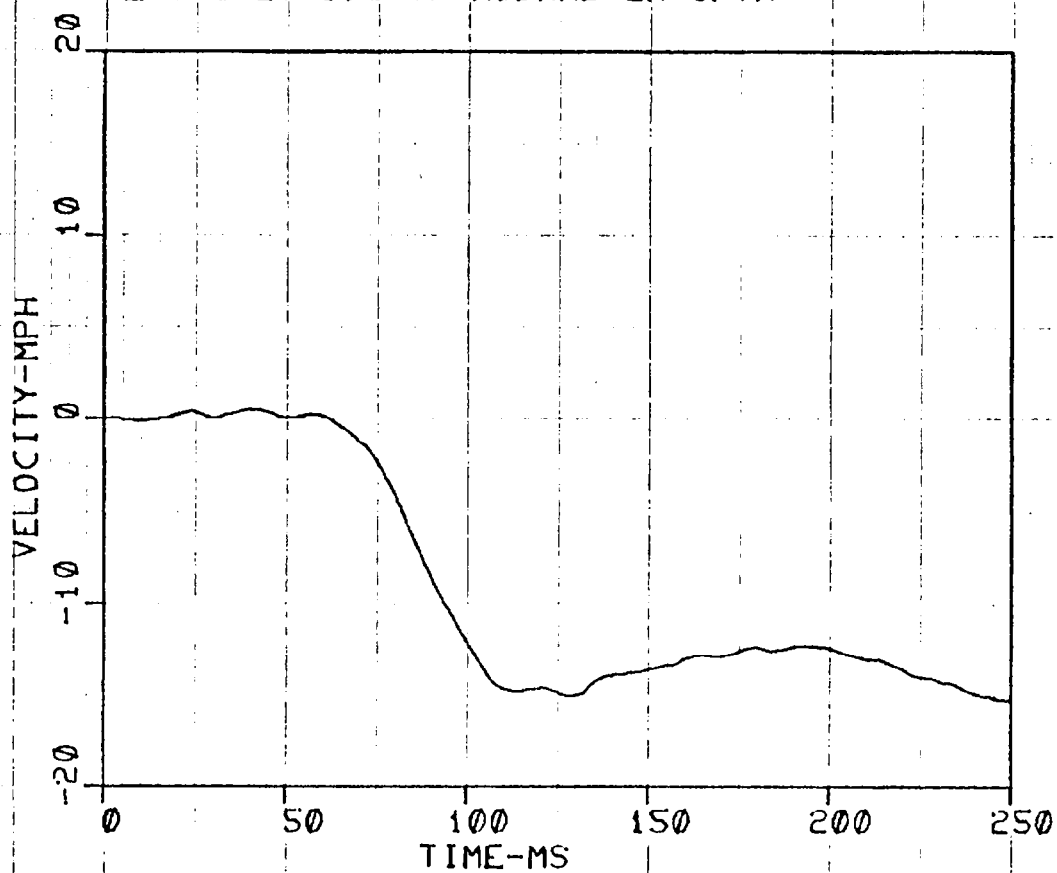


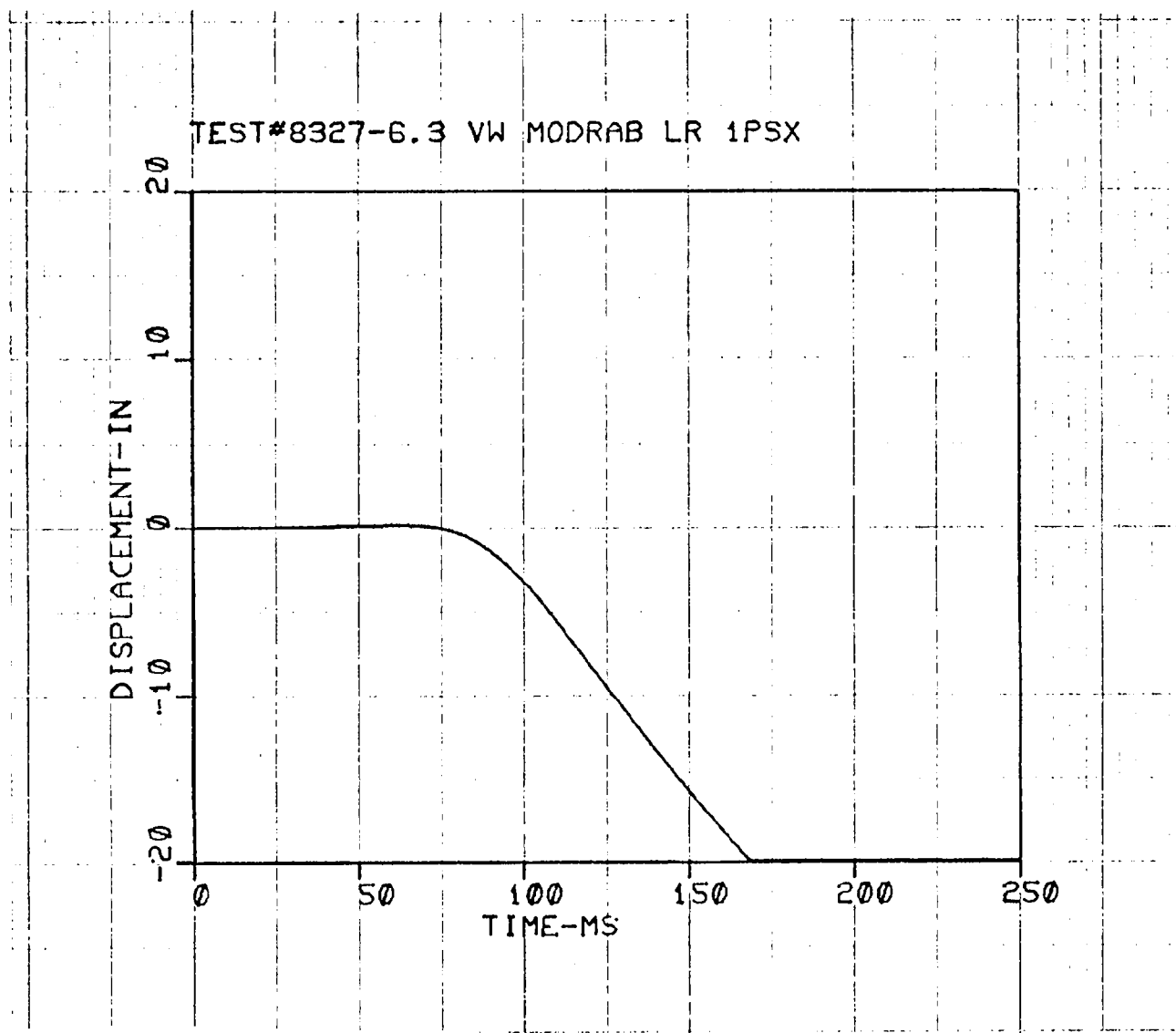


TEST#8327-6.3 VW MODRAB LR 1PGX

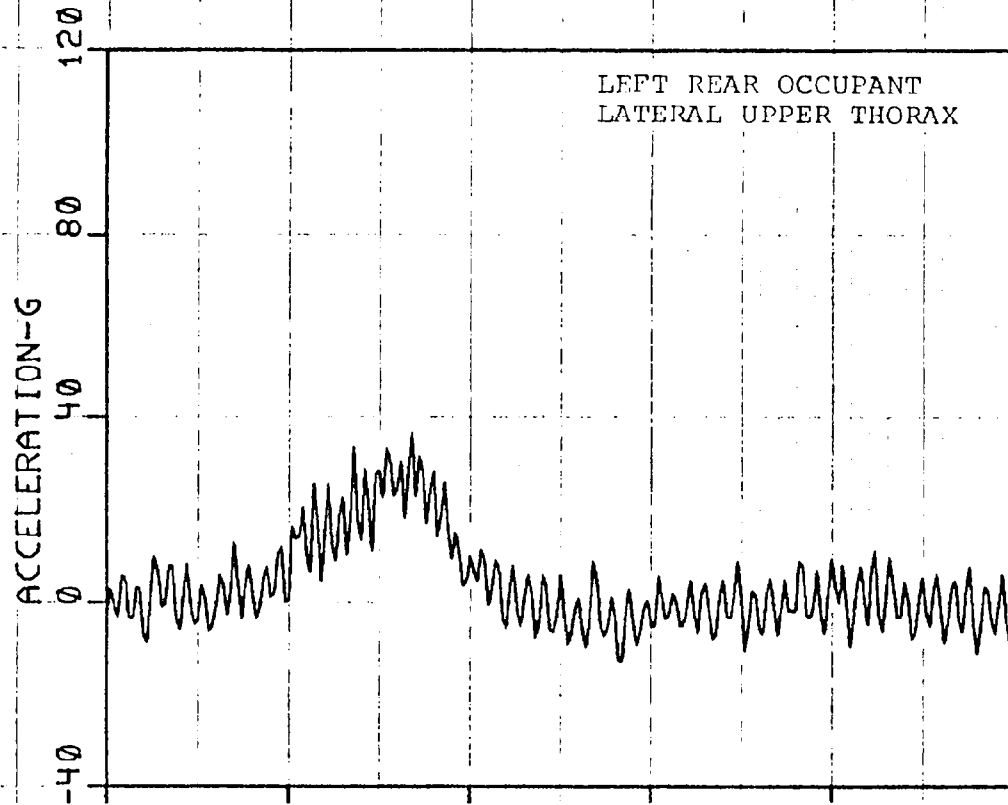


TEST#8327-6.3 VW MODRAB LR 1PVX

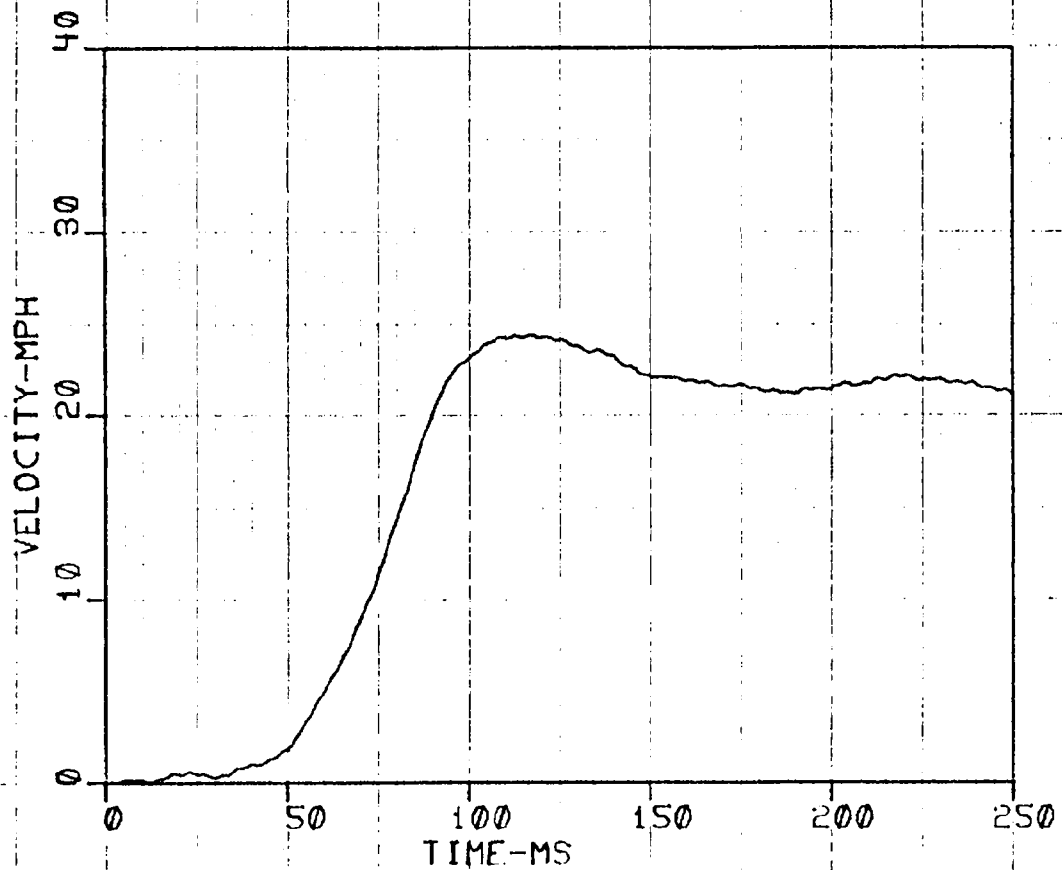


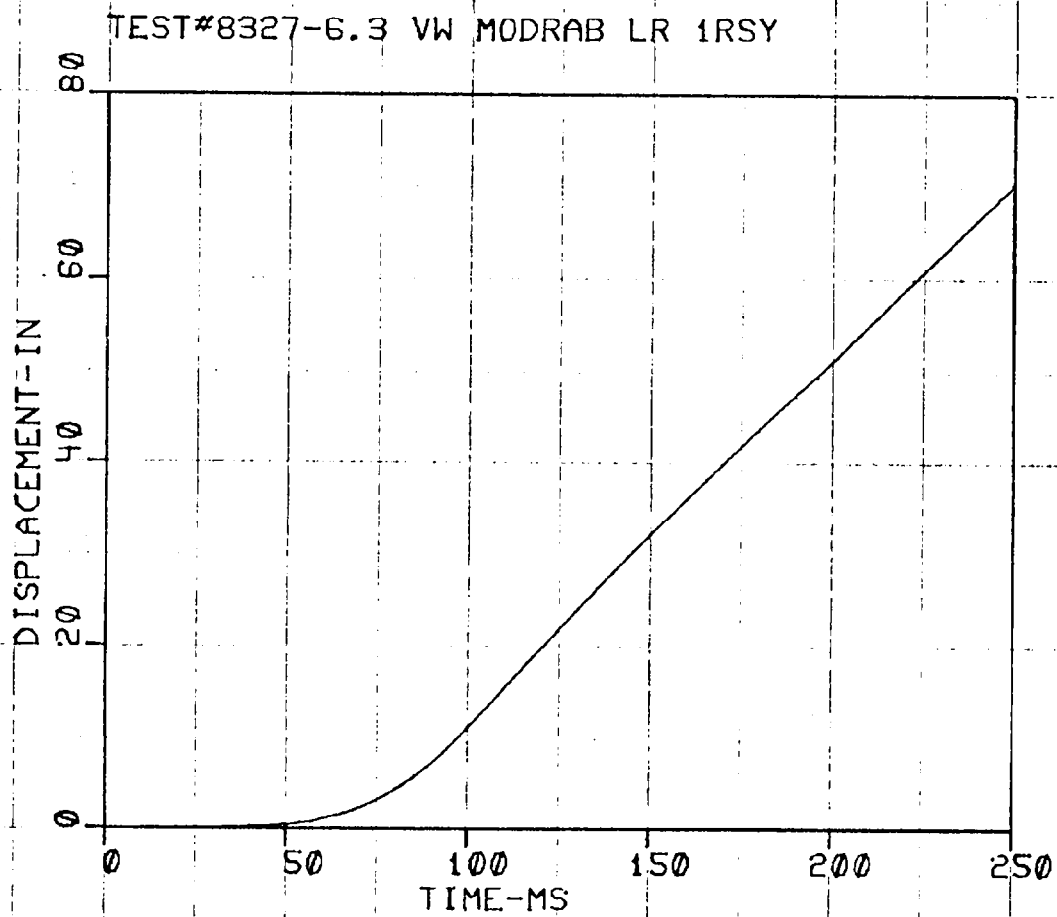


TEST#8327-6.3 VW MODRAB LR 1RGY

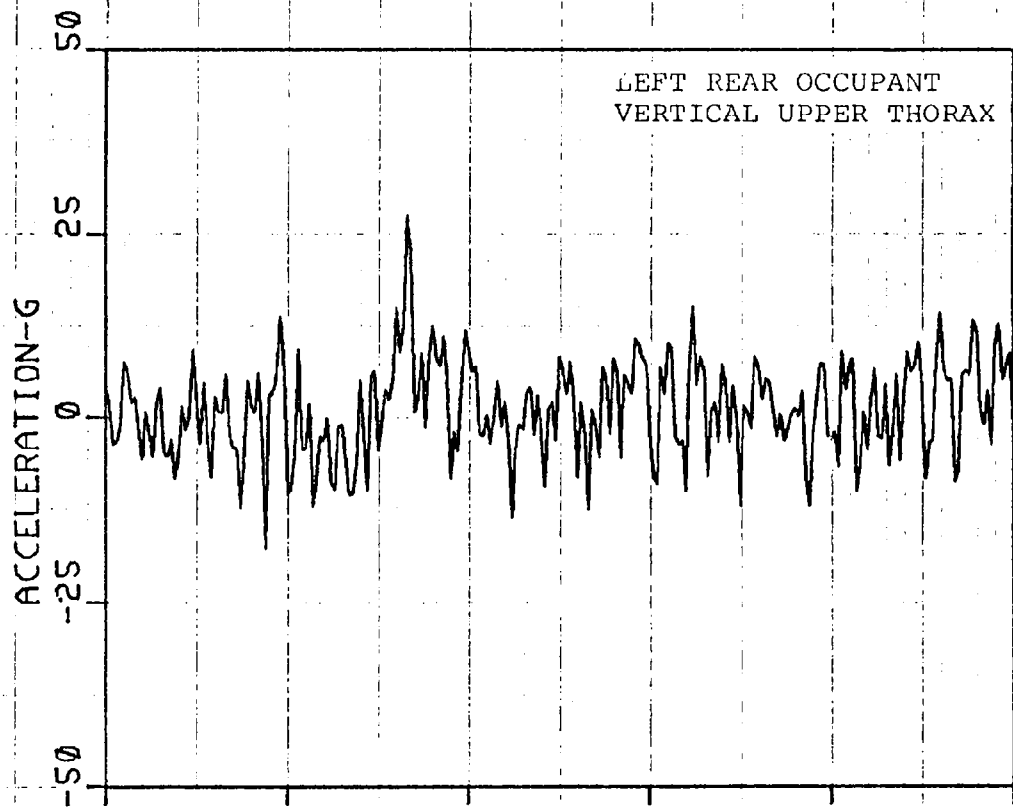


TEST#8327-6.3 VW MODRAB LR 1RVY

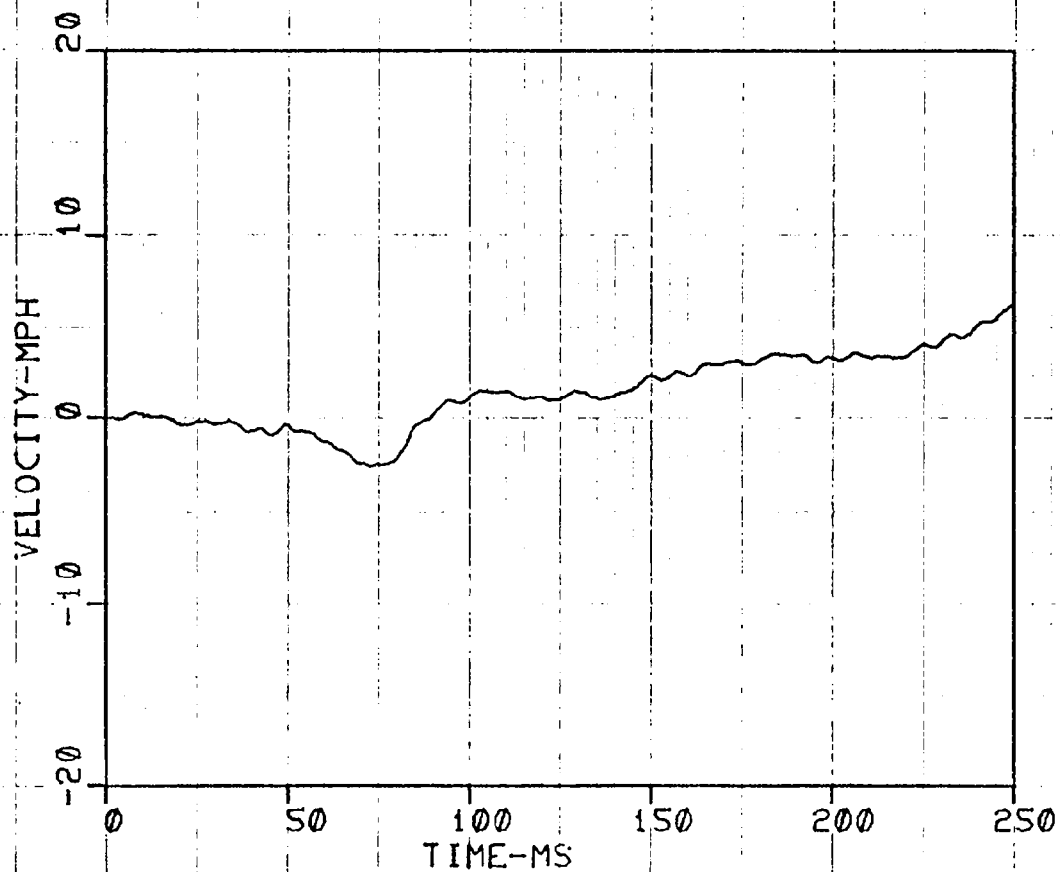


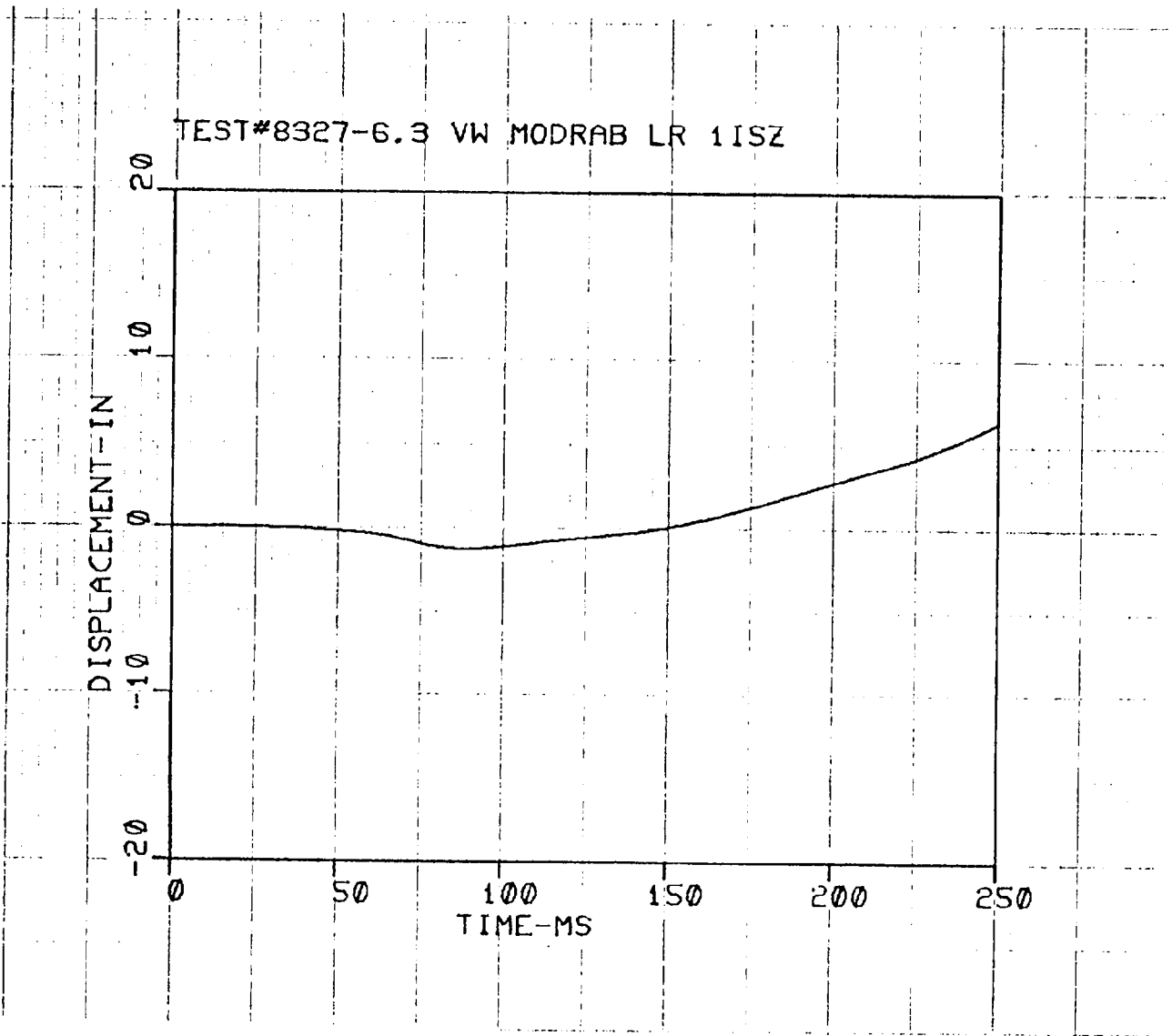


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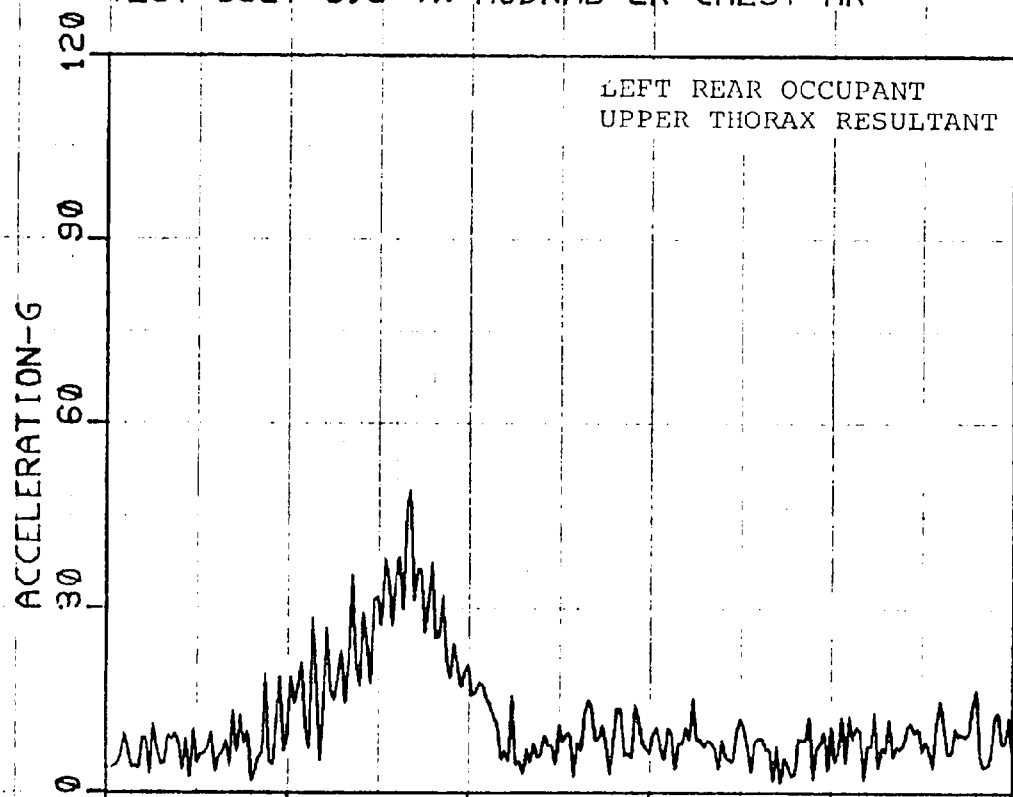


TEST#8327-6.3 VW MODRAB LR 1IVZ

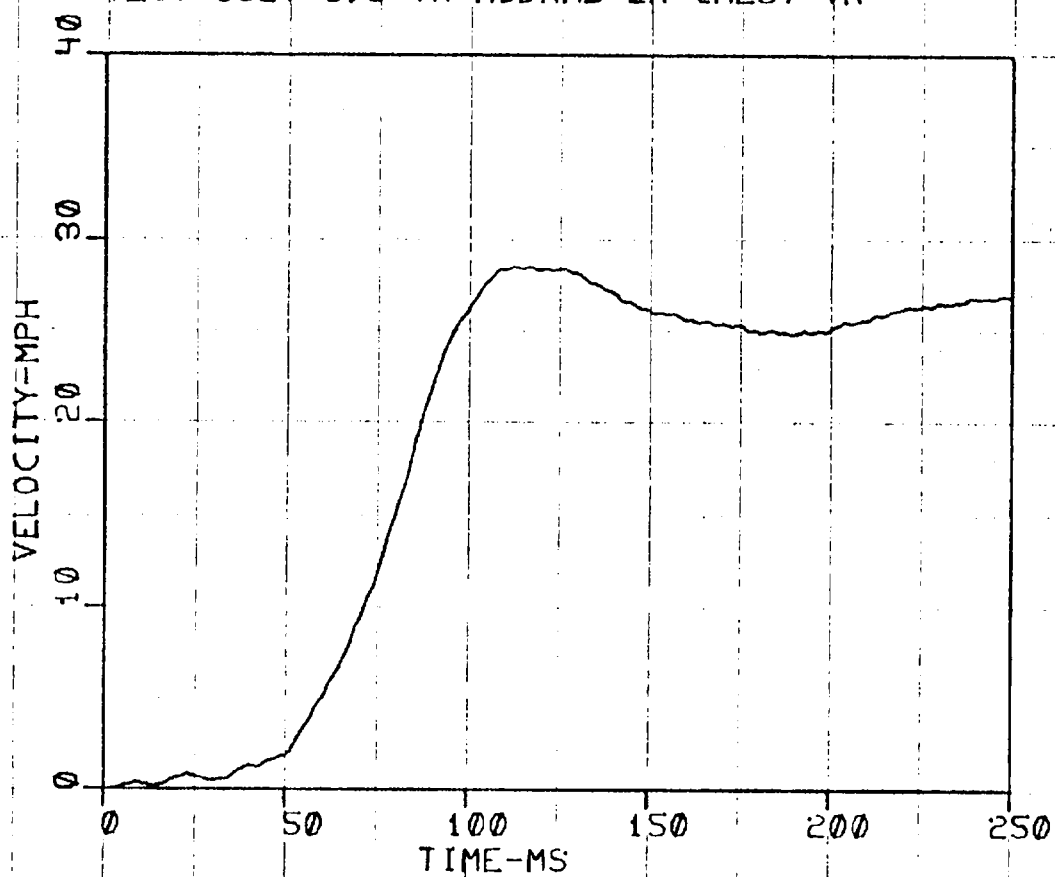


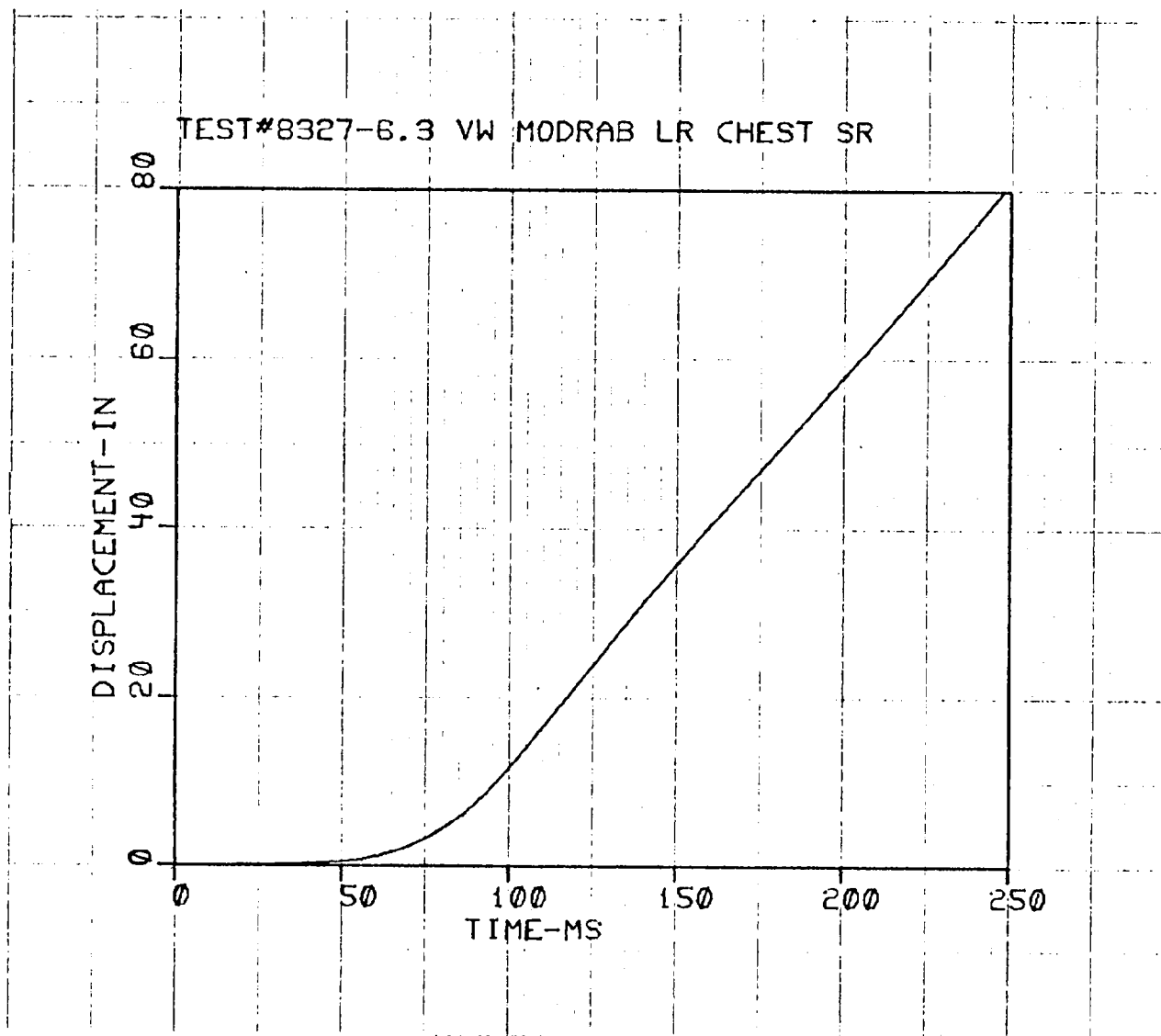


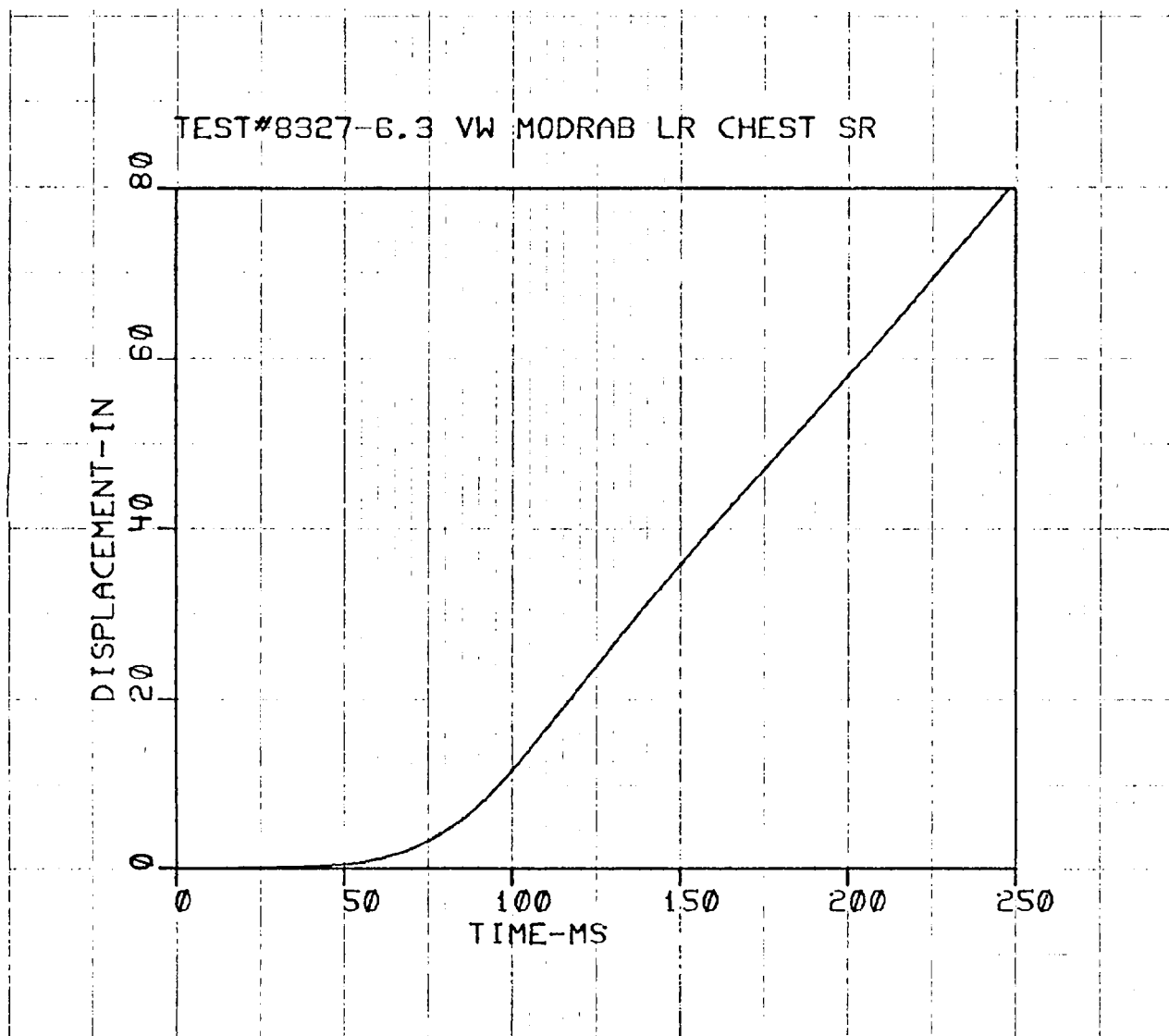
TEST#8327-6.3 VW MODRAB LR CHEST AR



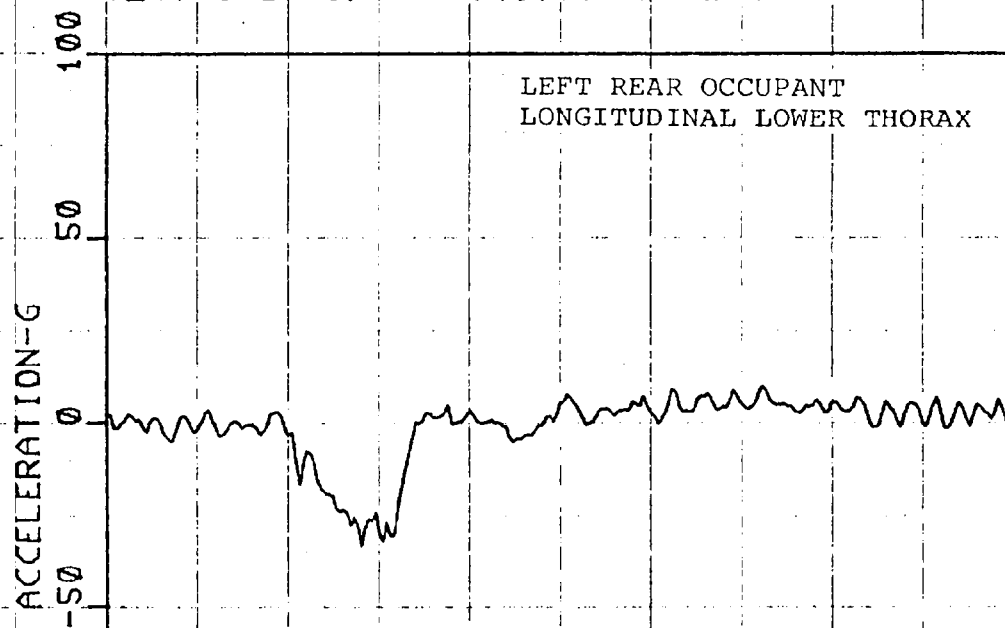
TEST#8327-6.3 VW MODRAB LR CHEST VR



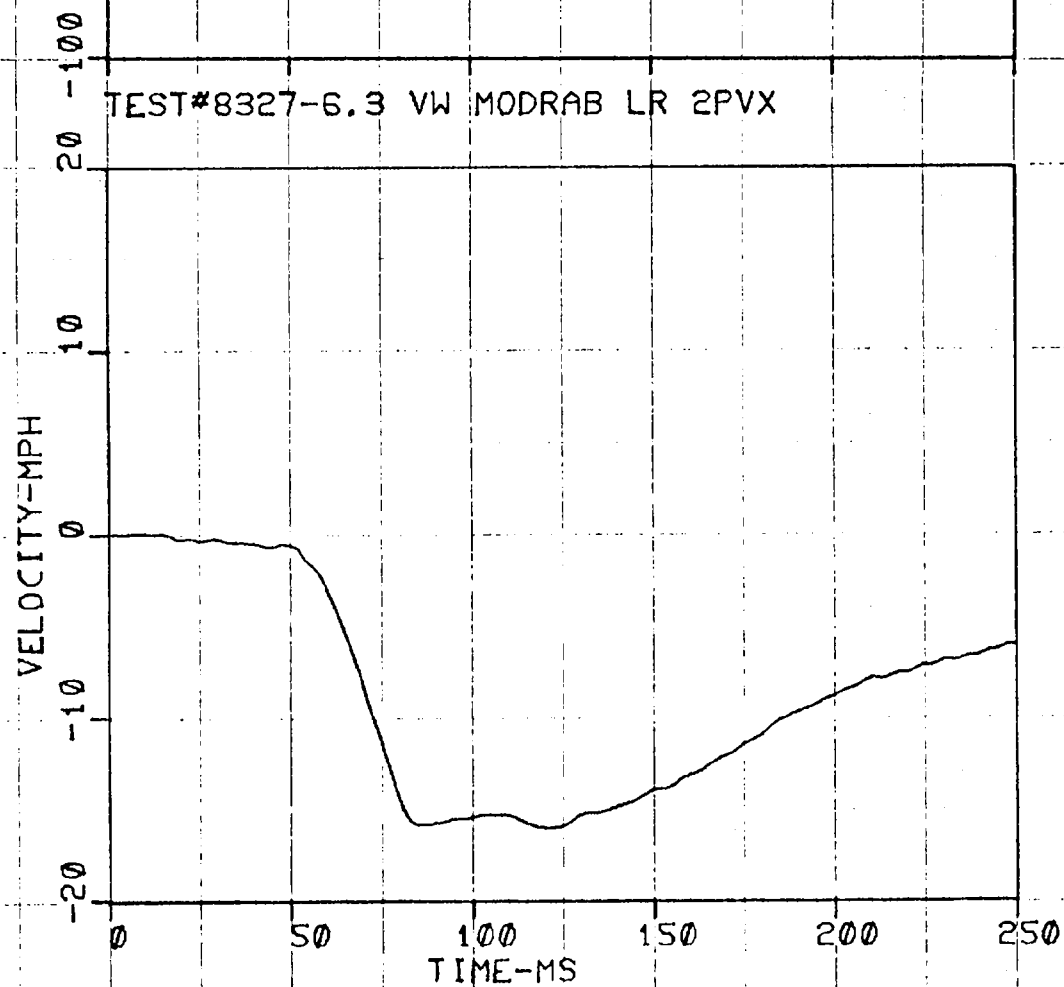


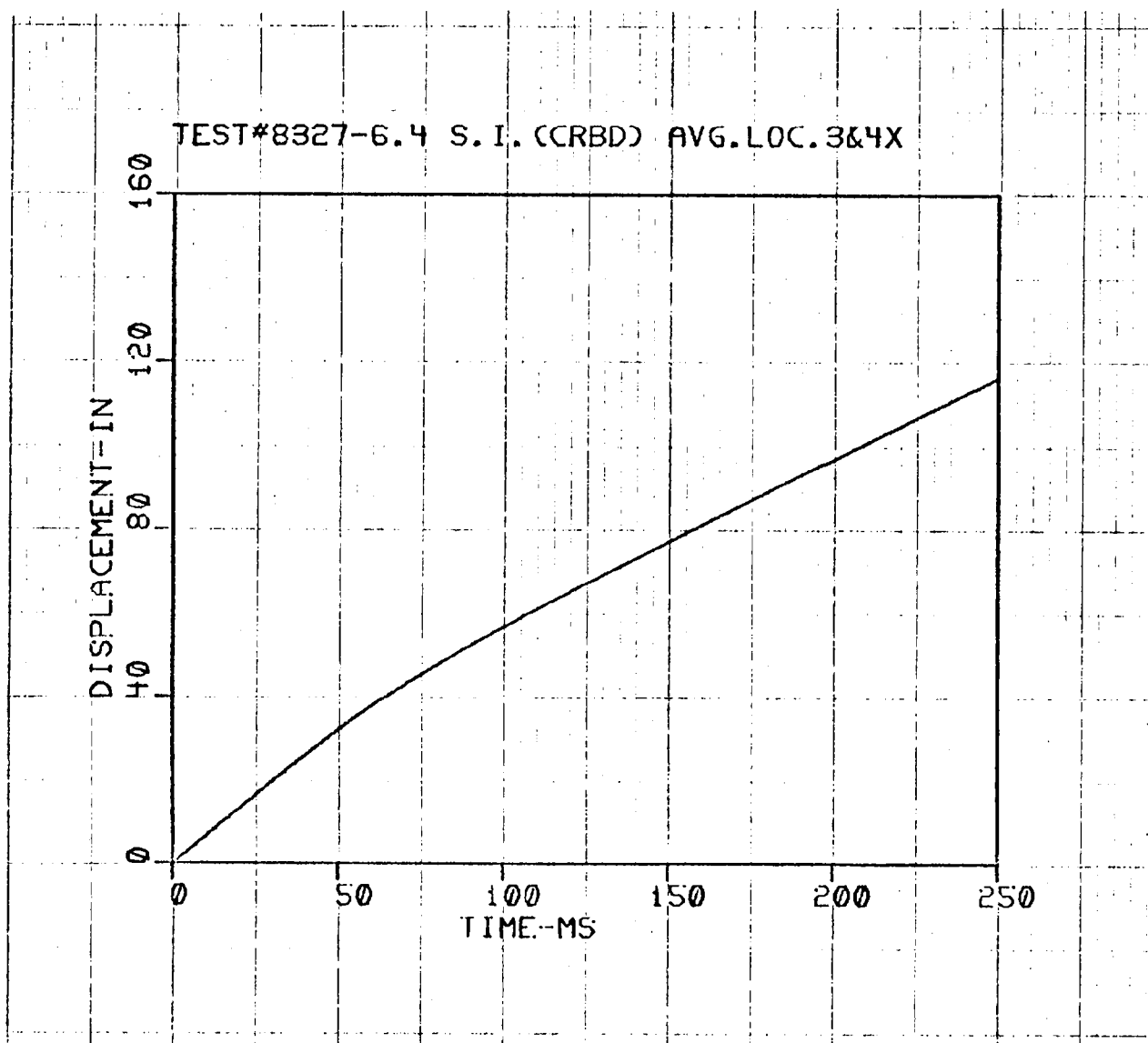


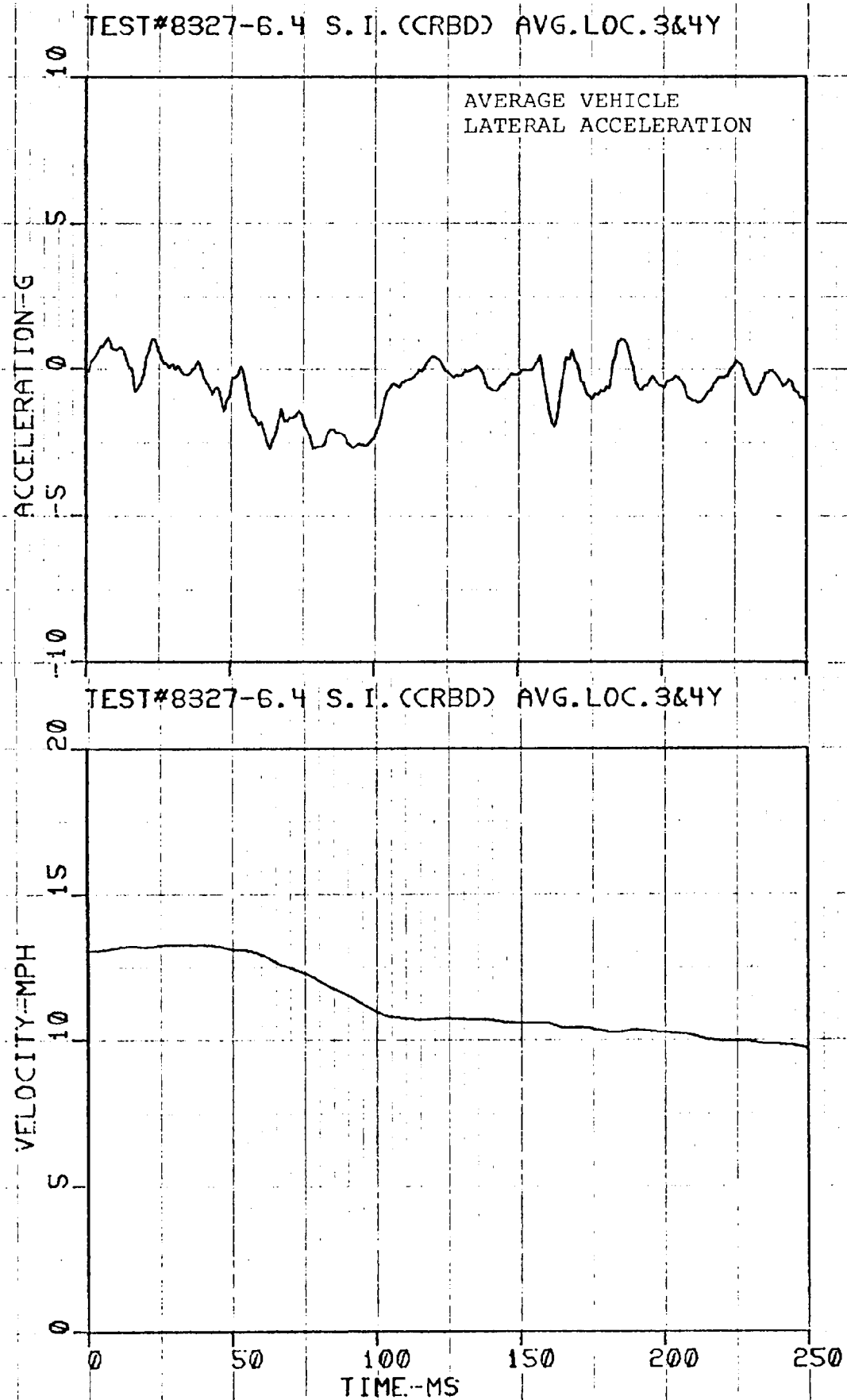
TEST#8327-6.3 VW MODRAB LR 2PGX

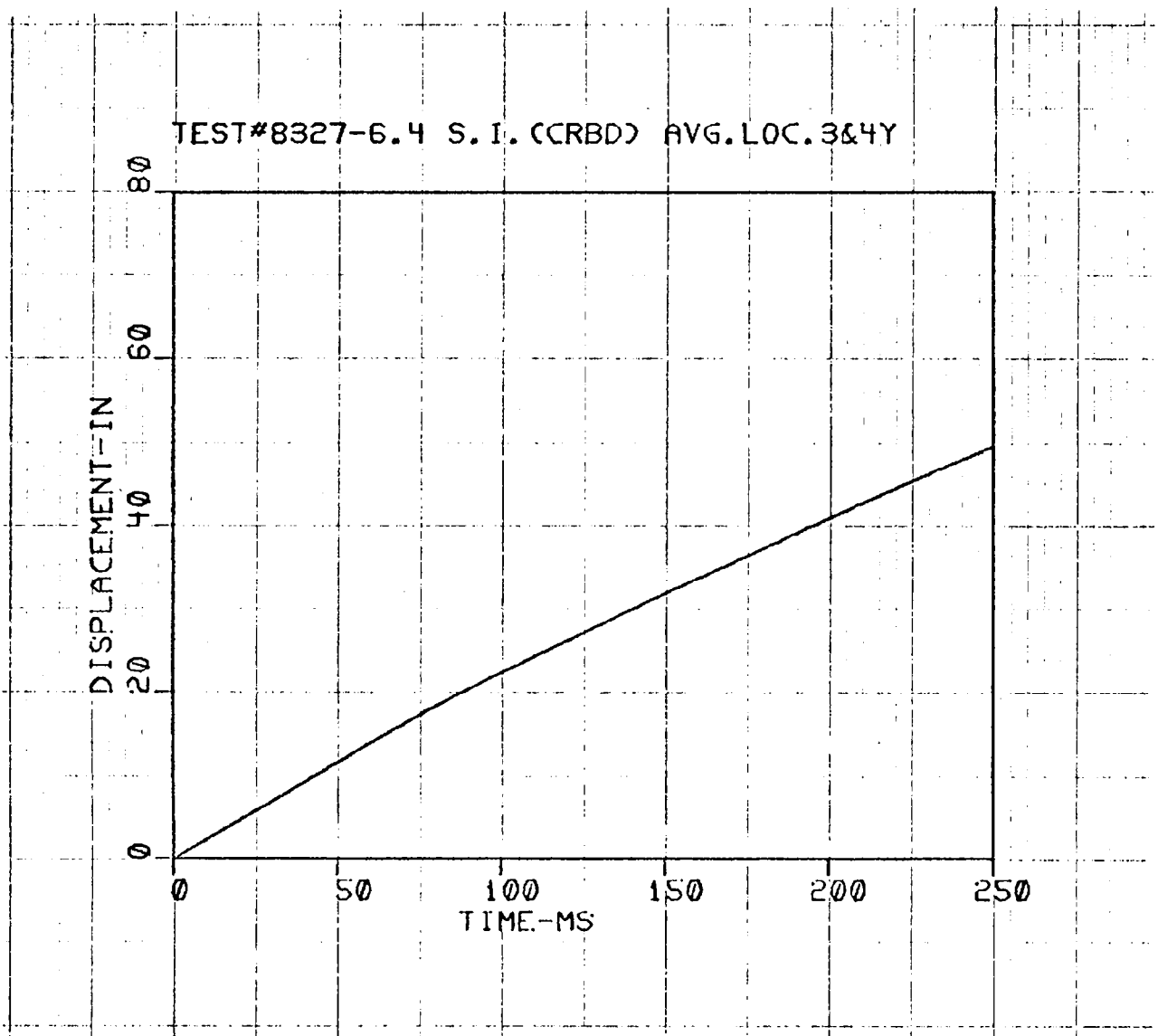


TEST#8327-6.3 VW MODRAB LR 2PVX

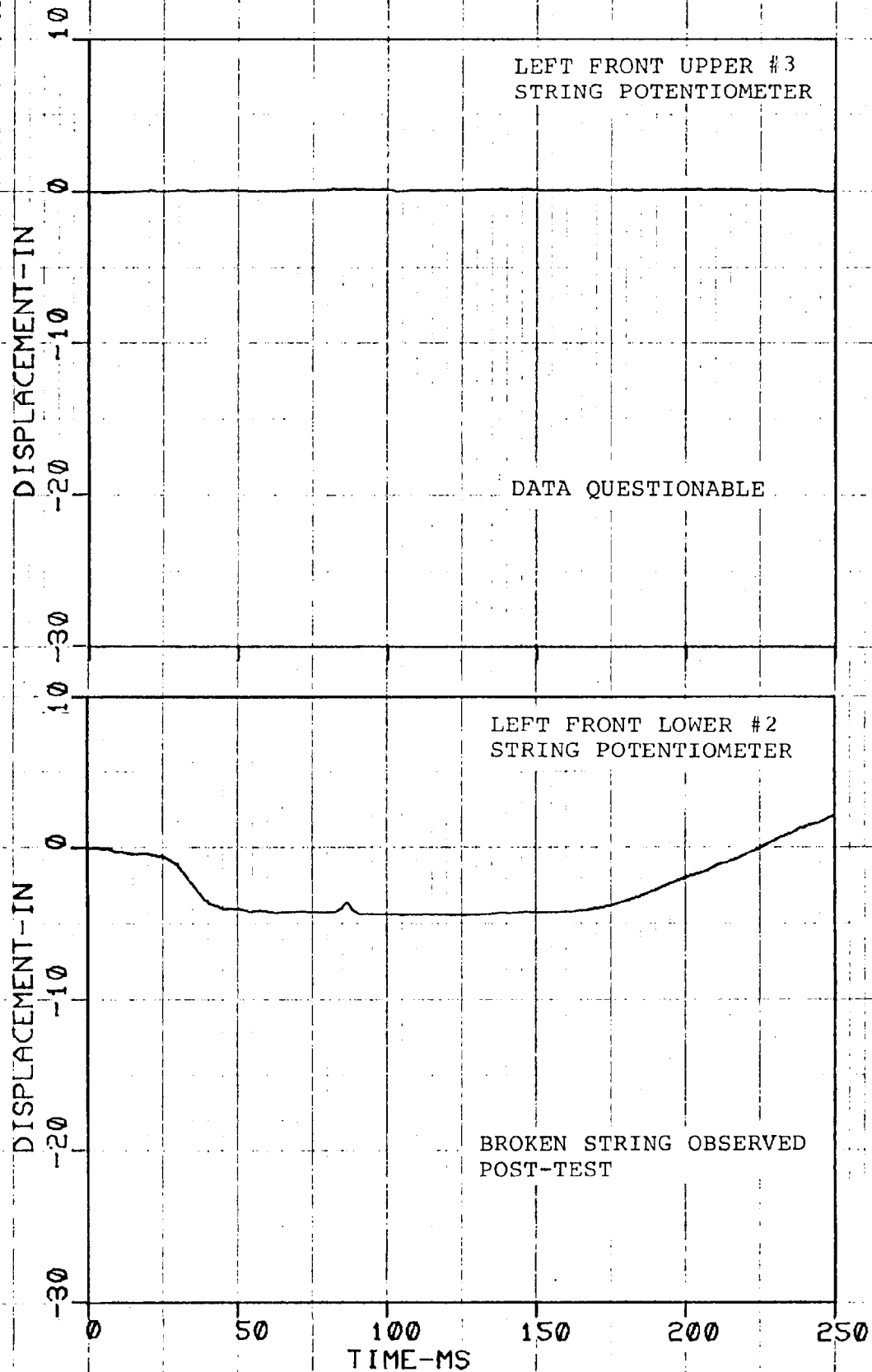


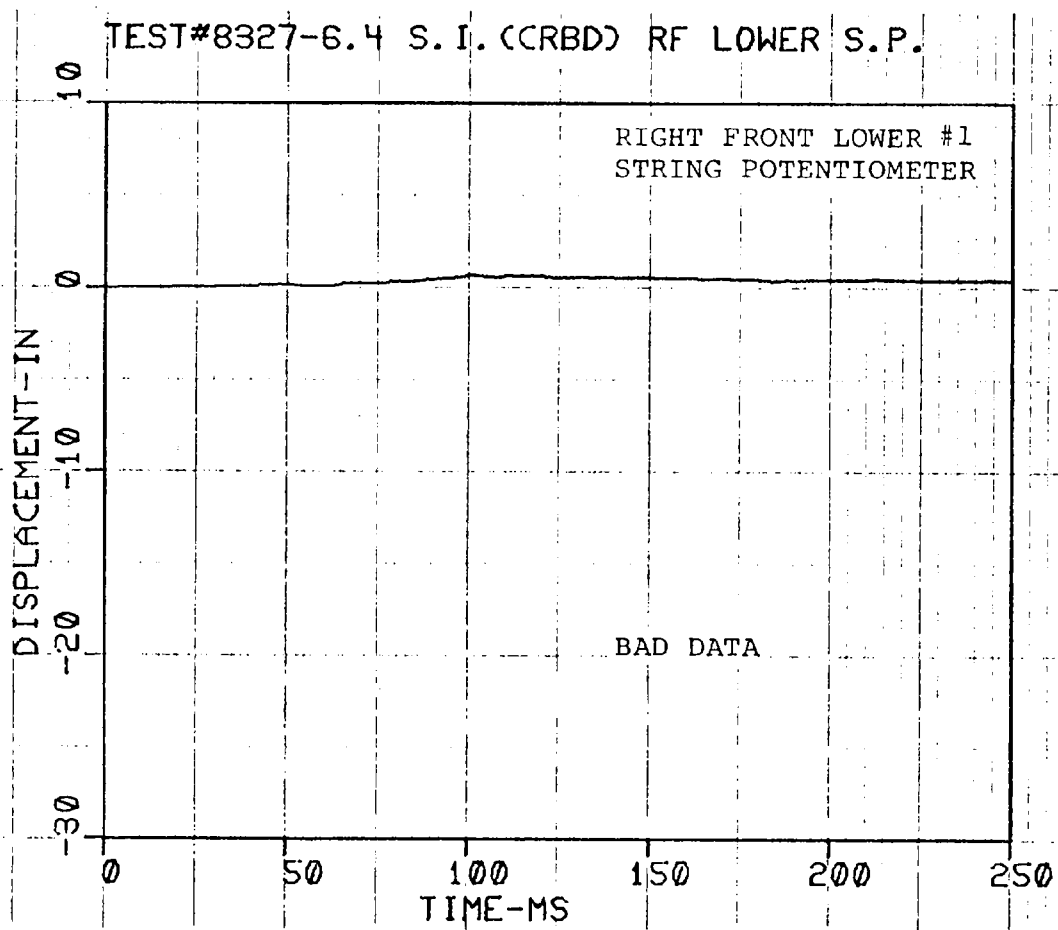


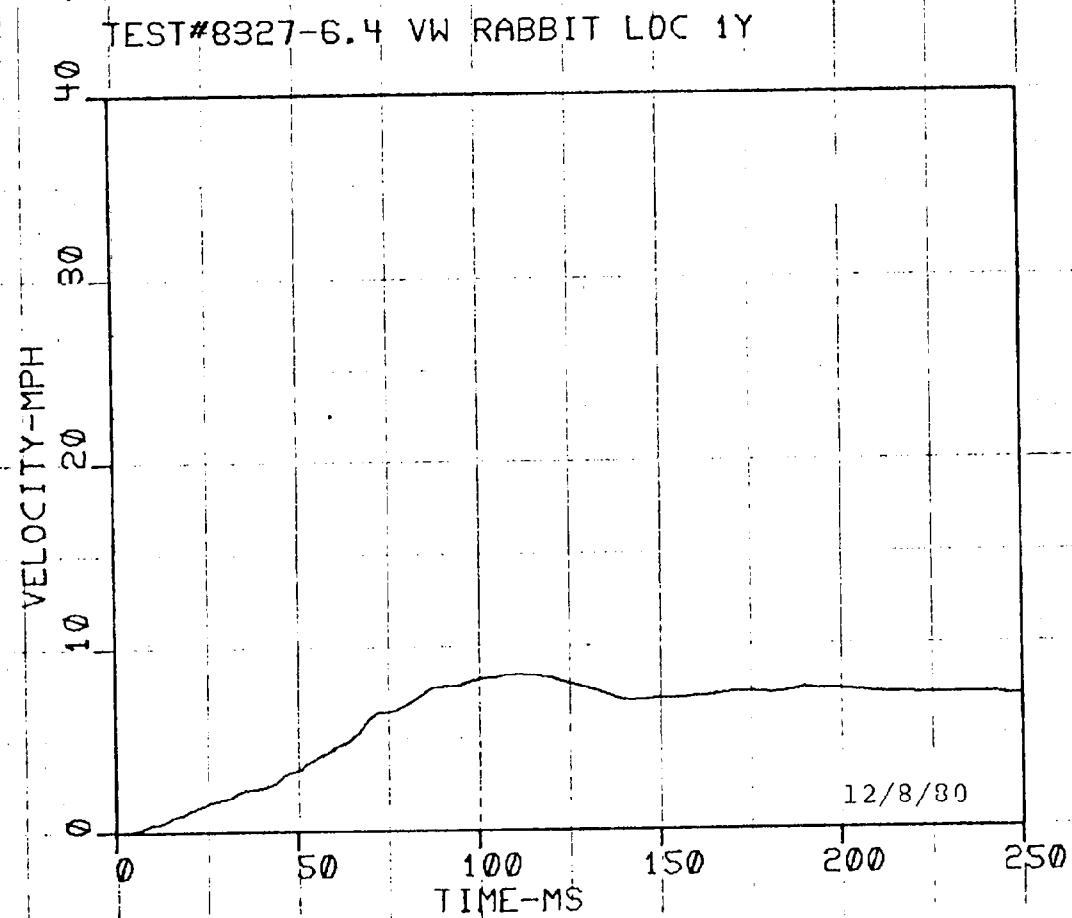
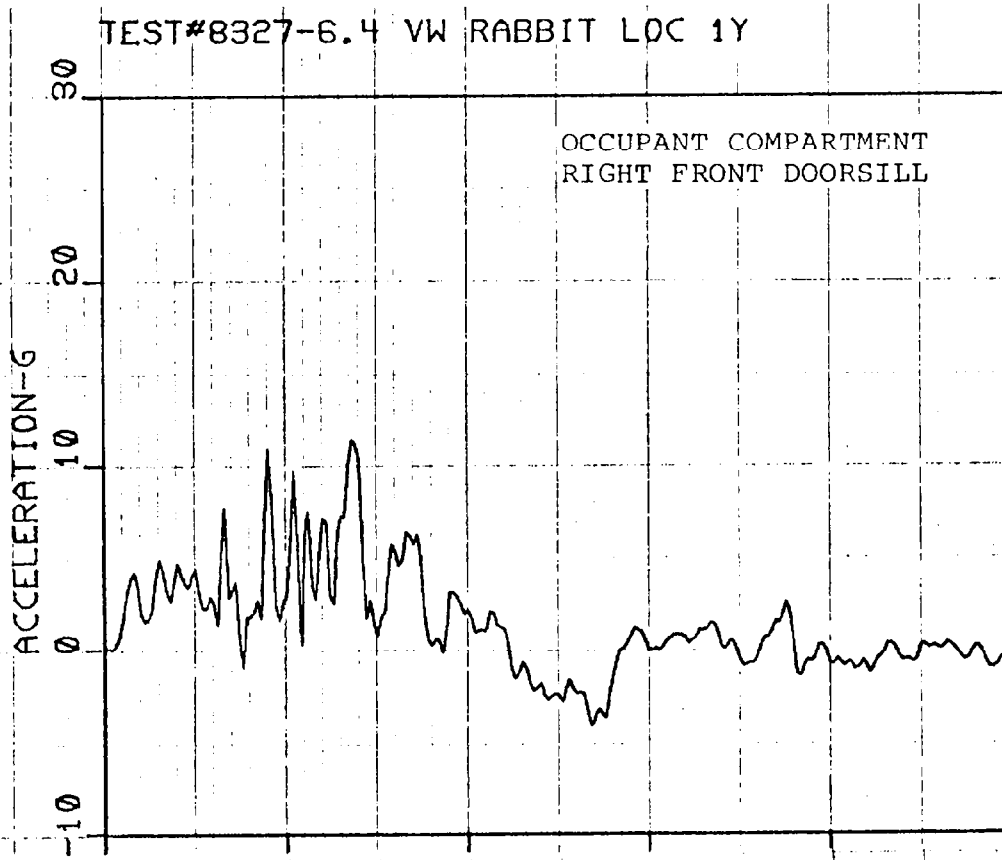


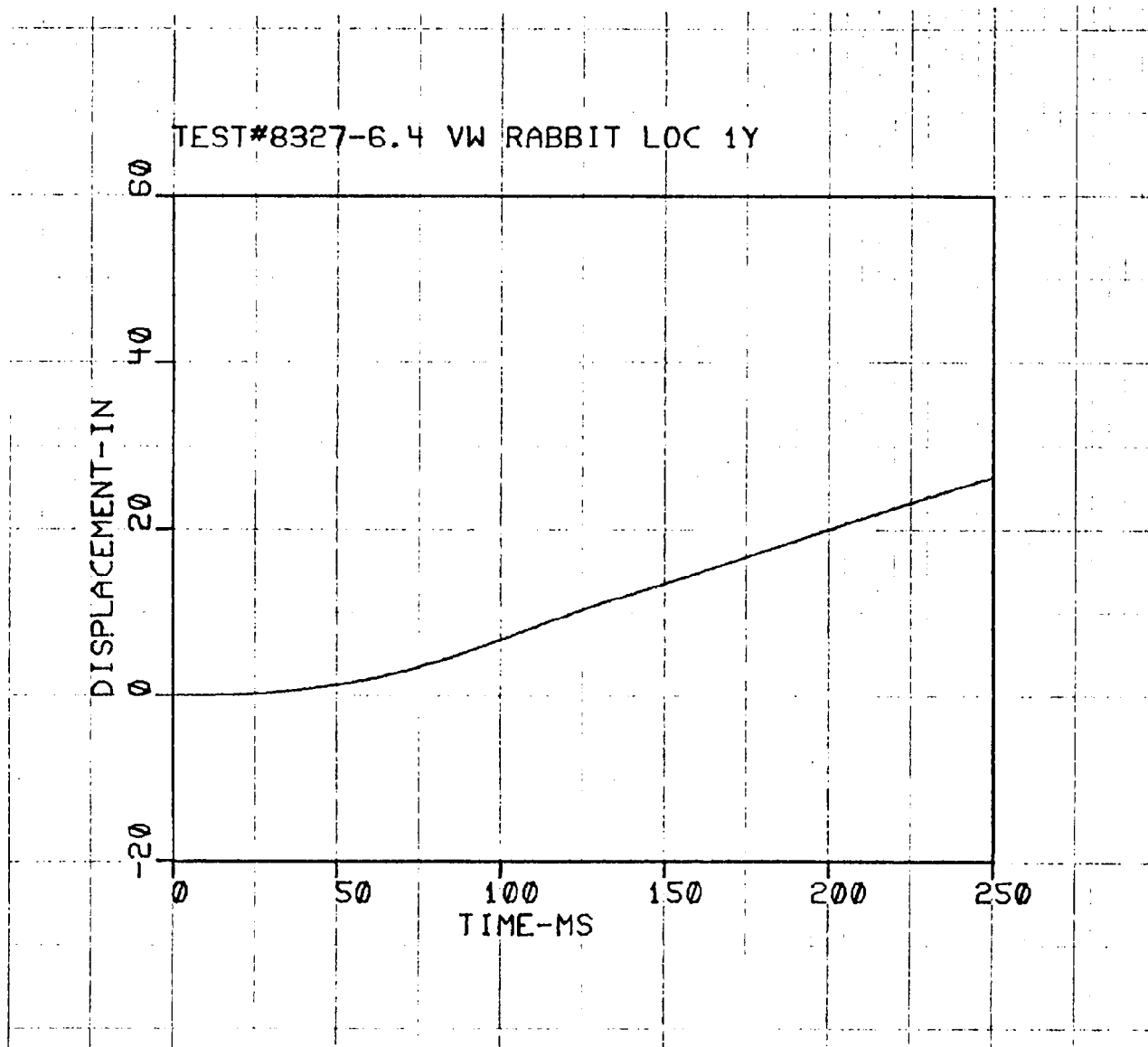


TEST#8327-6.4 S.I. (CRBD) LF UPPER S.P.

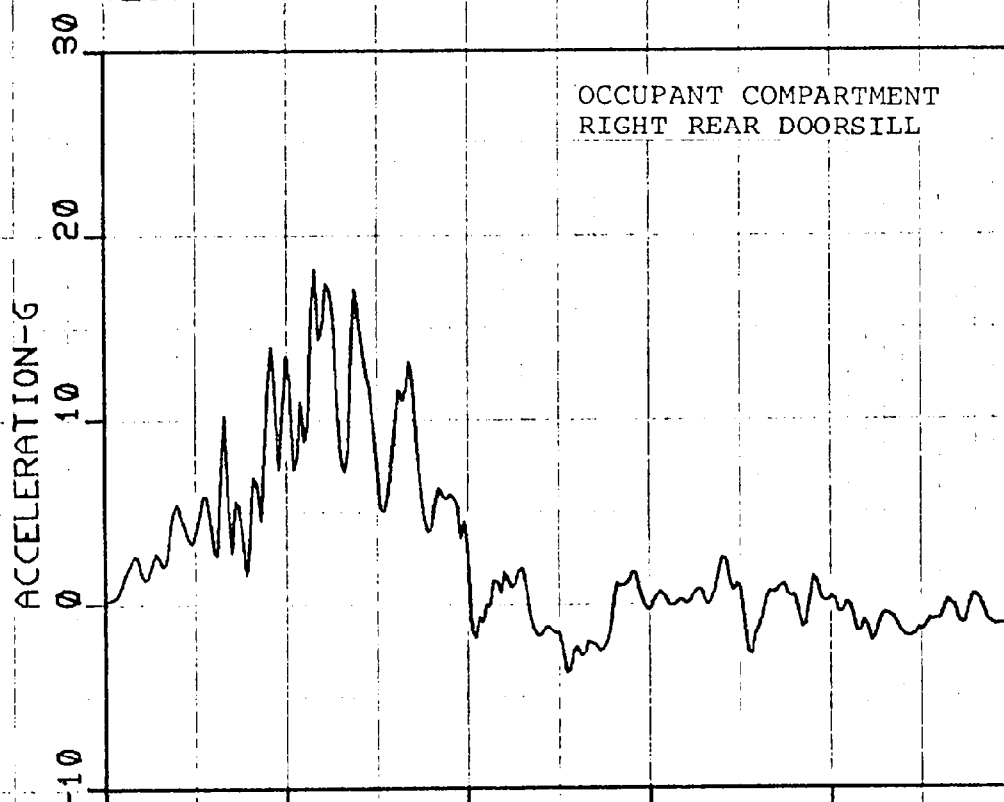




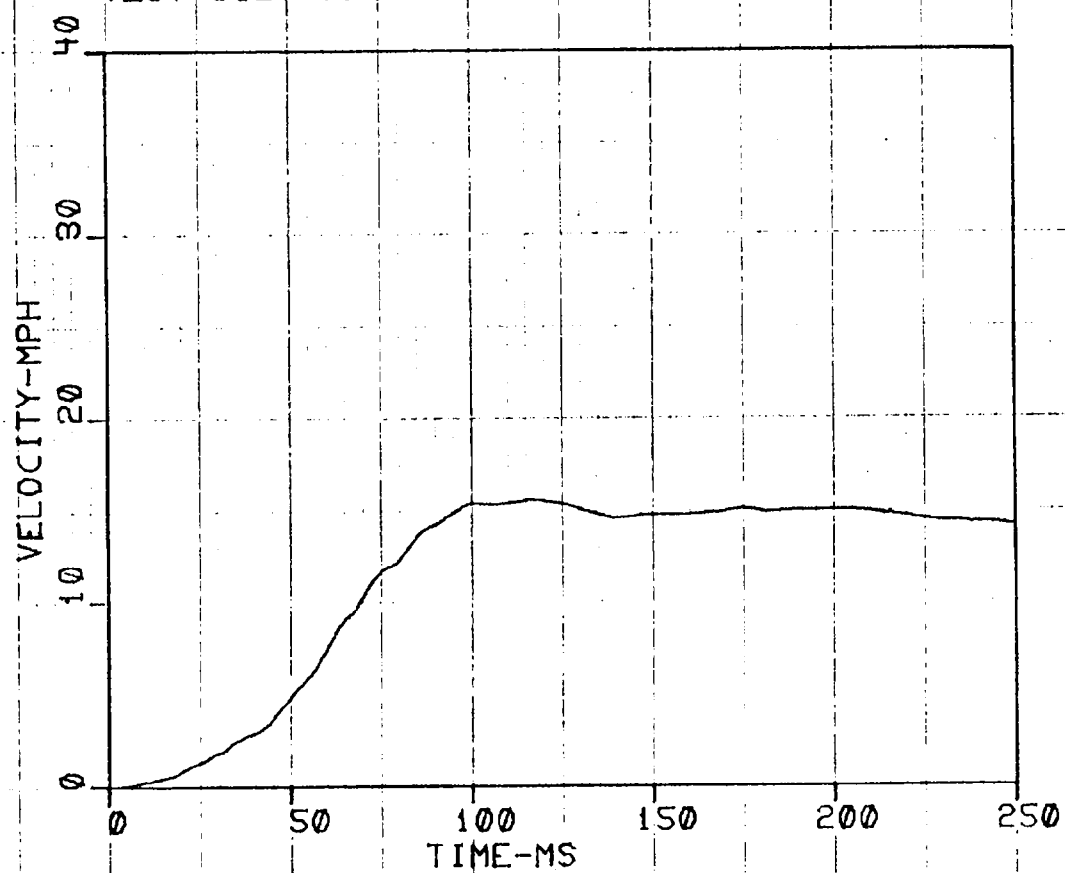


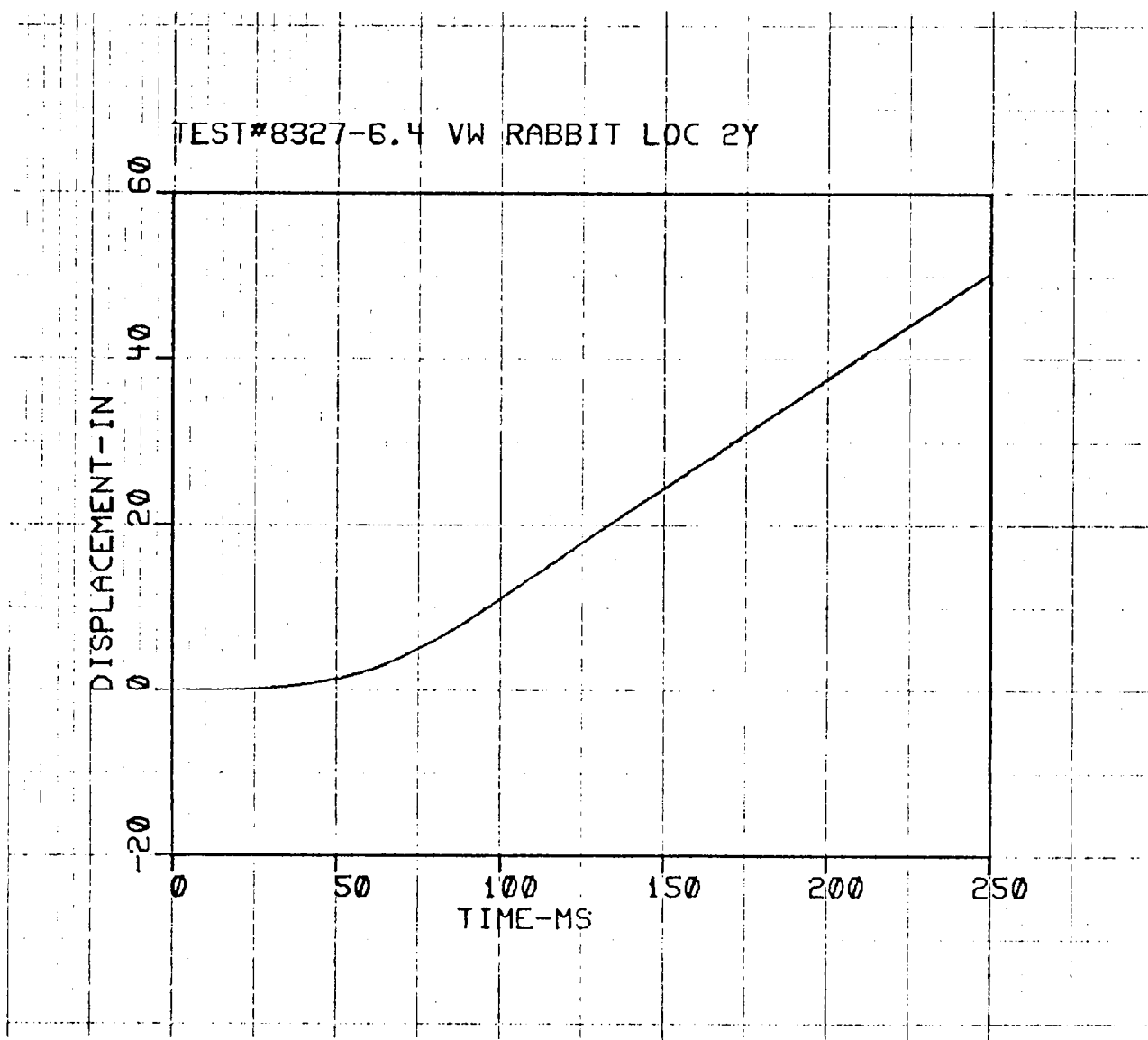


TEST#8327-6.4 VW RABBIT LOC 2Y

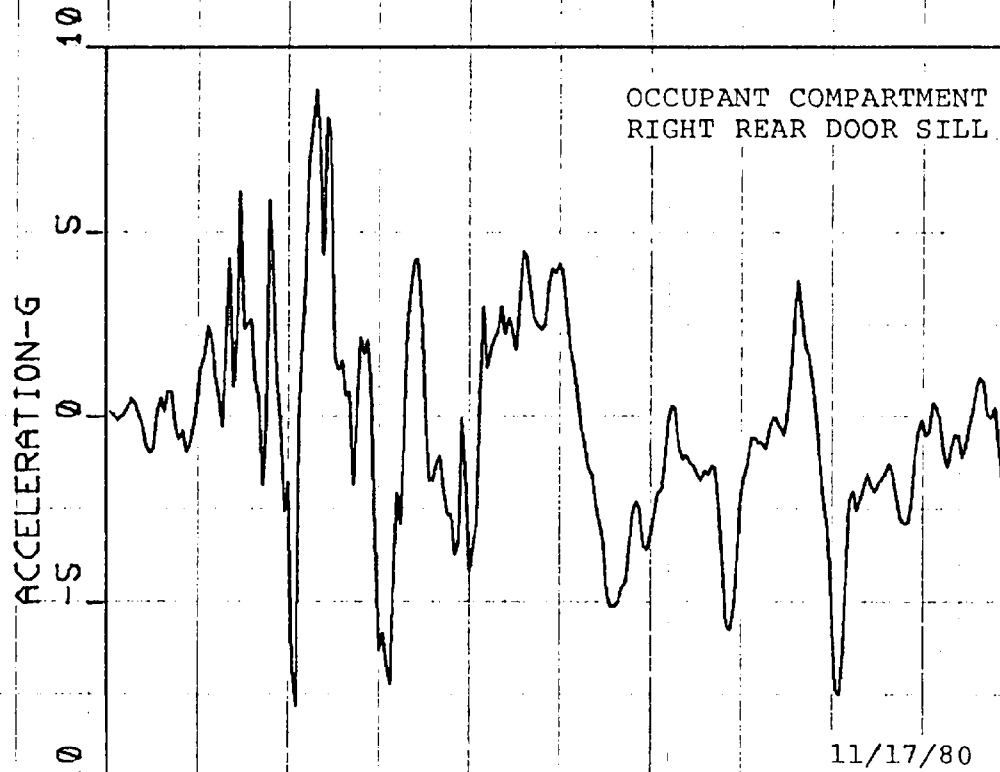


TEST#8327-6.4 VW RABBIT LOC 2Y

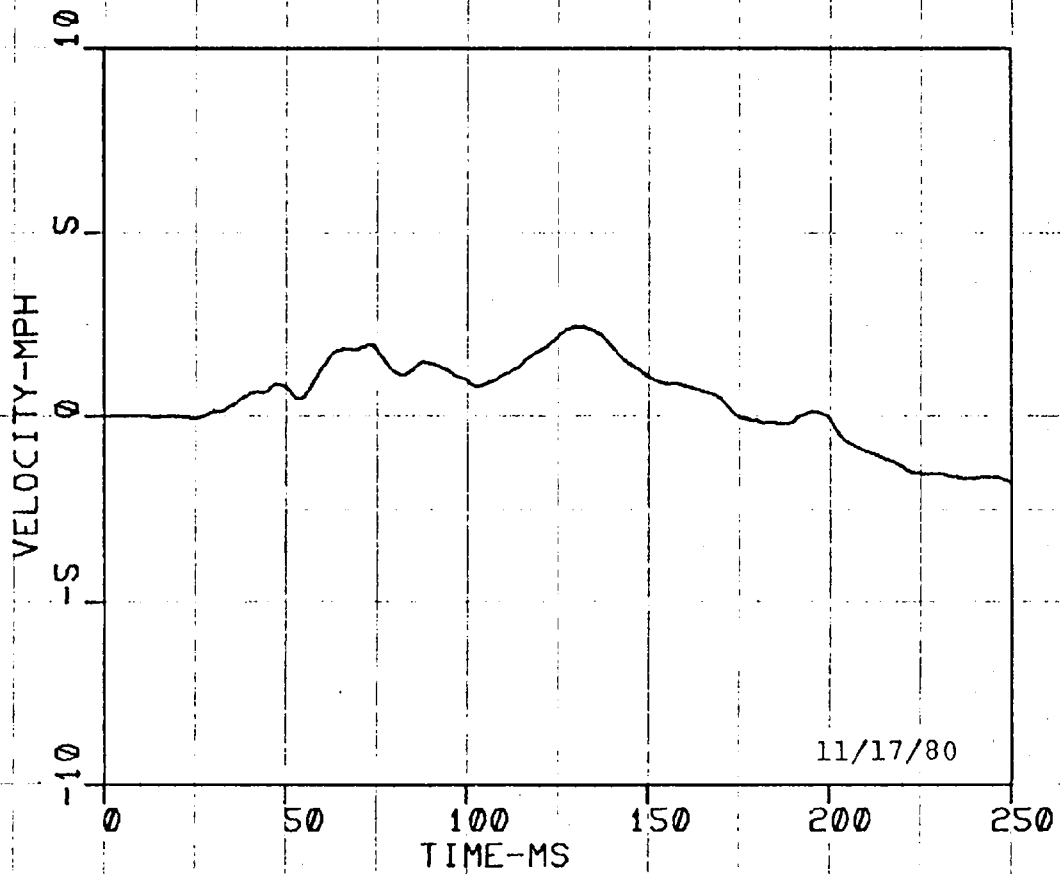


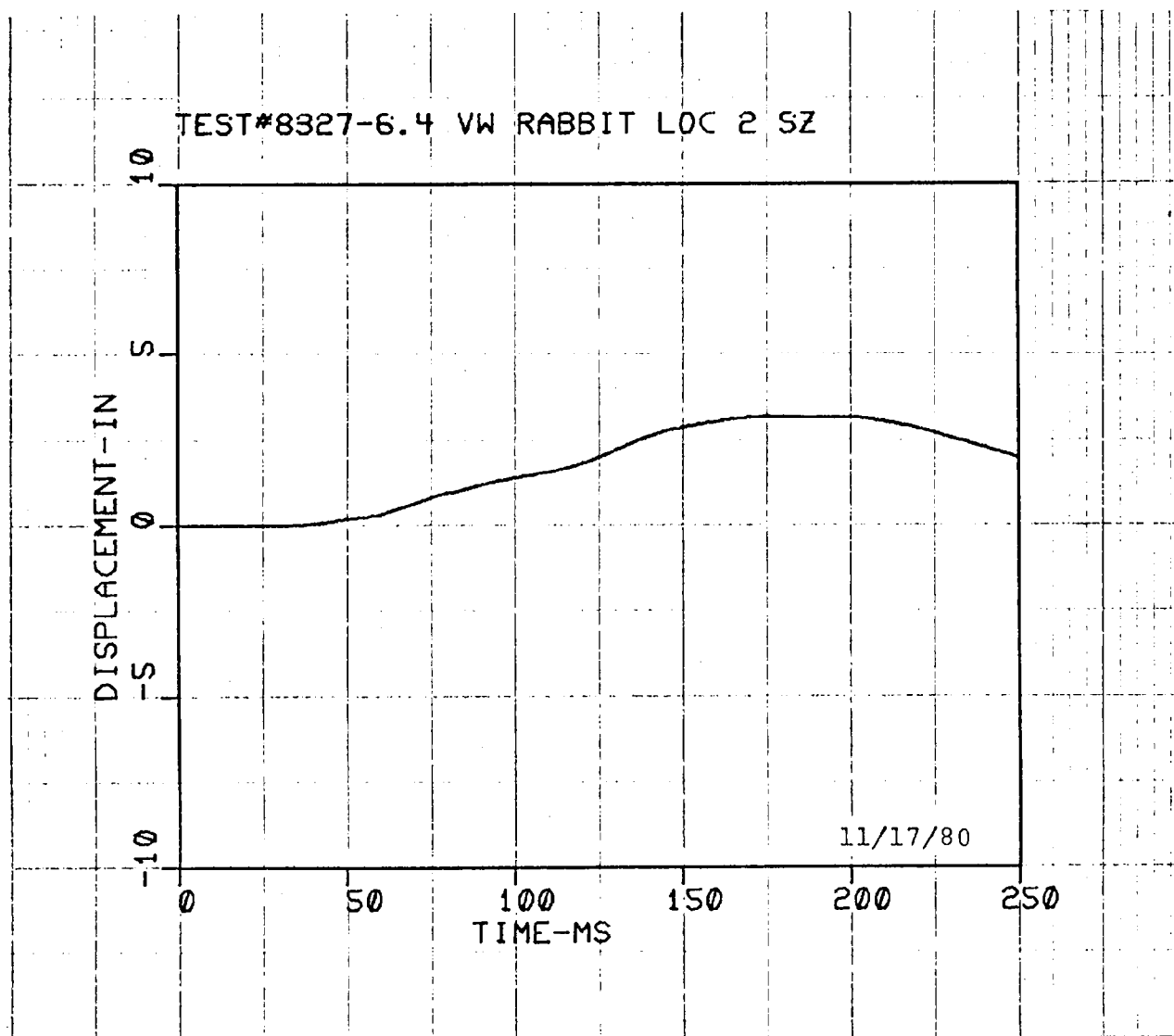


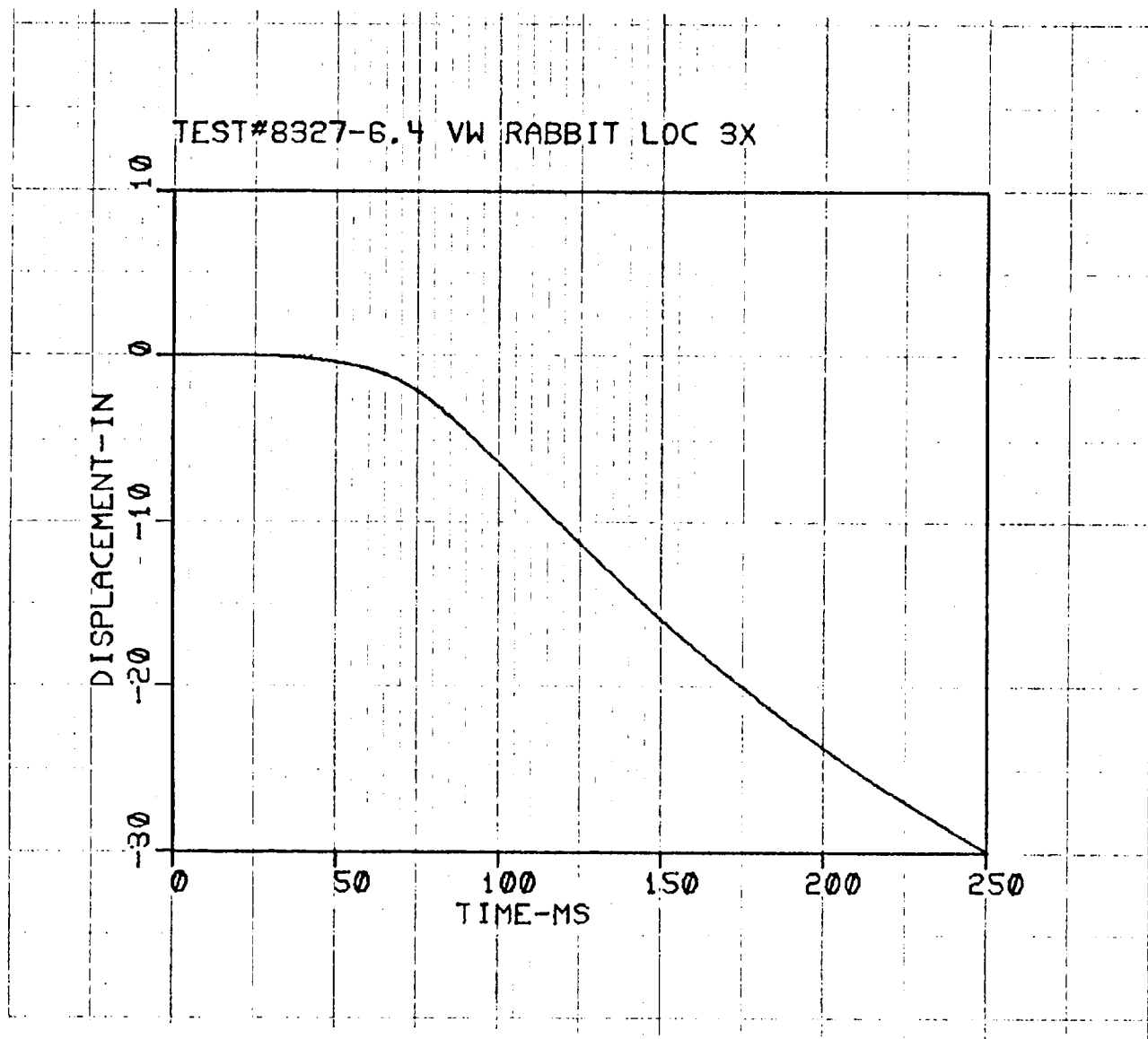
TEST#8327-6.4 VW RABBIT LOC 2 AZ



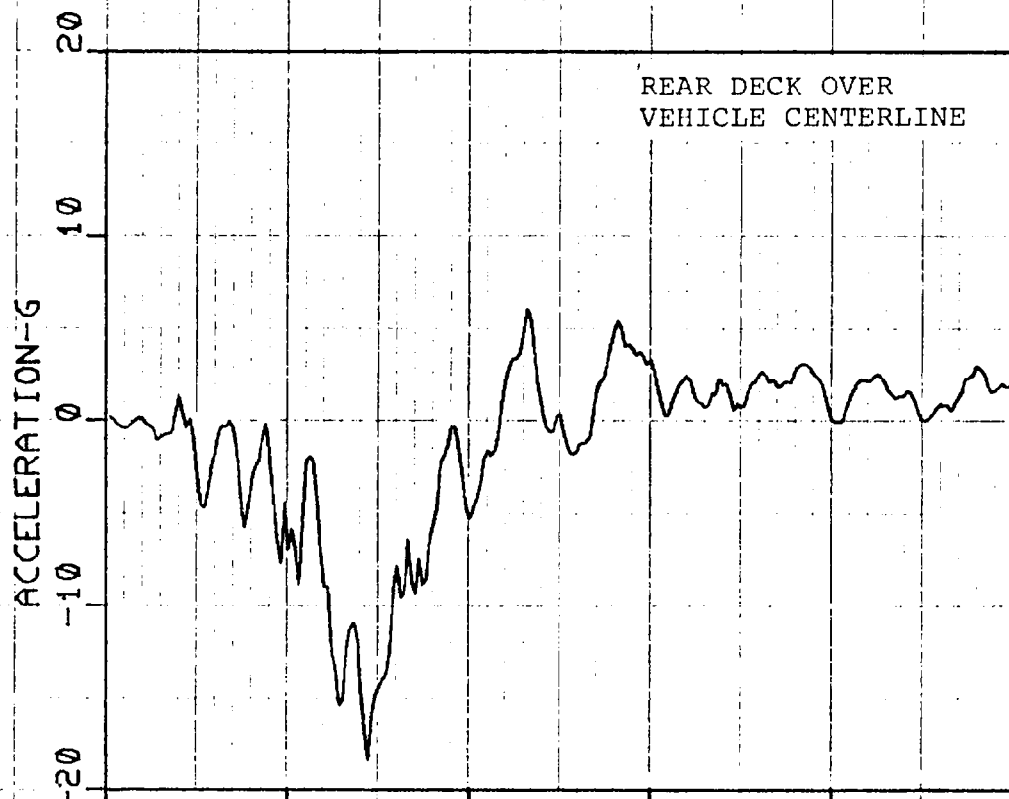
TEST#8327-6.4 VW RABBIT LOC 2 VZ



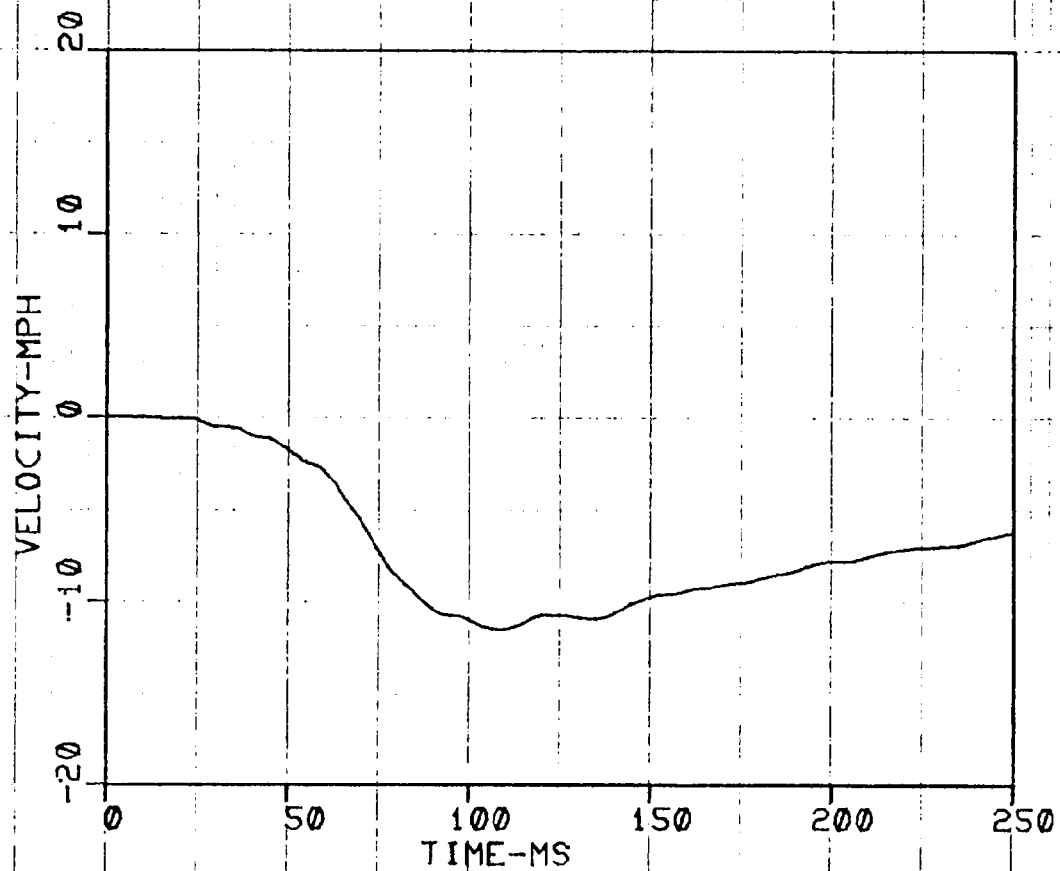




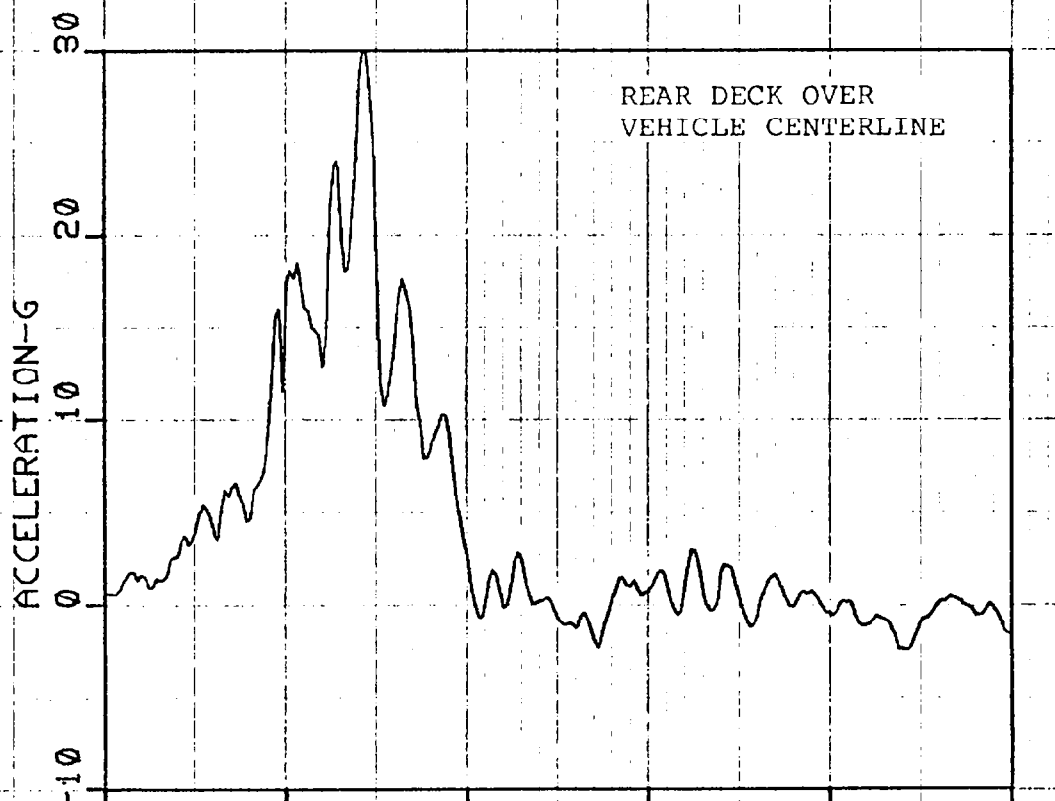
TEST#8327-6.4 VW RABBIT LOC 3X



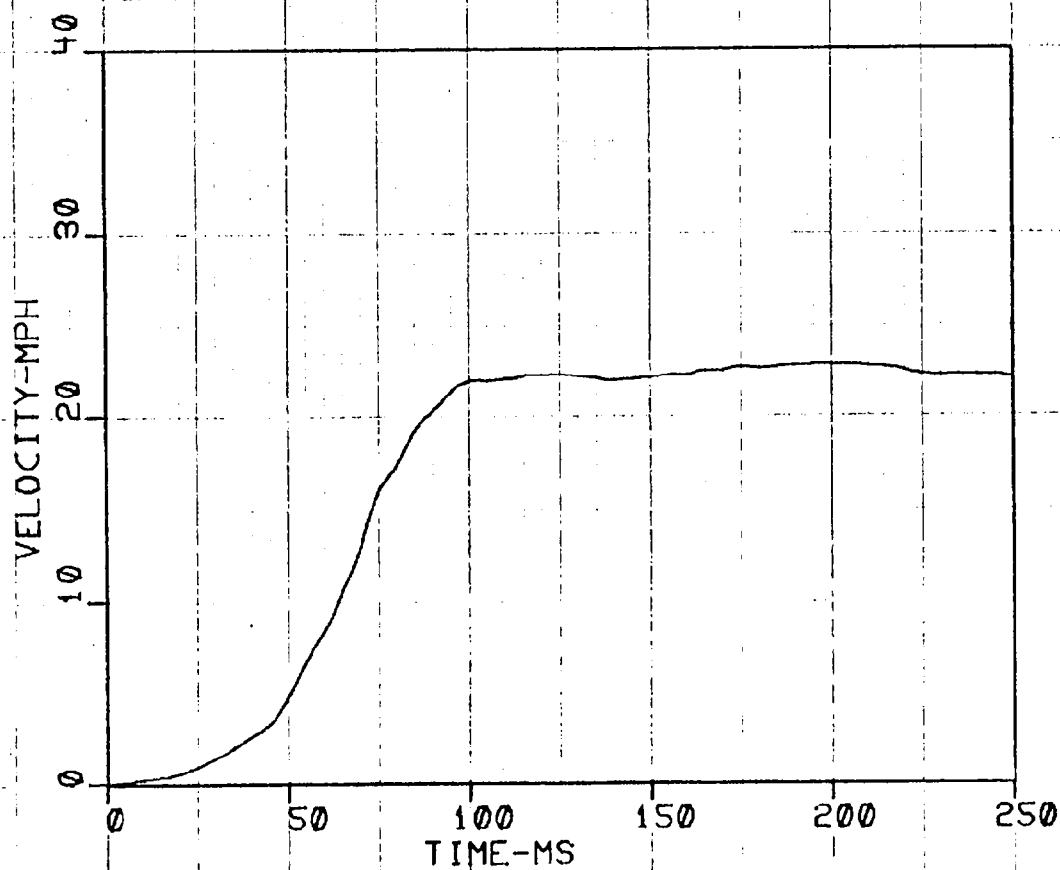
TEST#8327-6.4 VW RABBIT LOC 3X

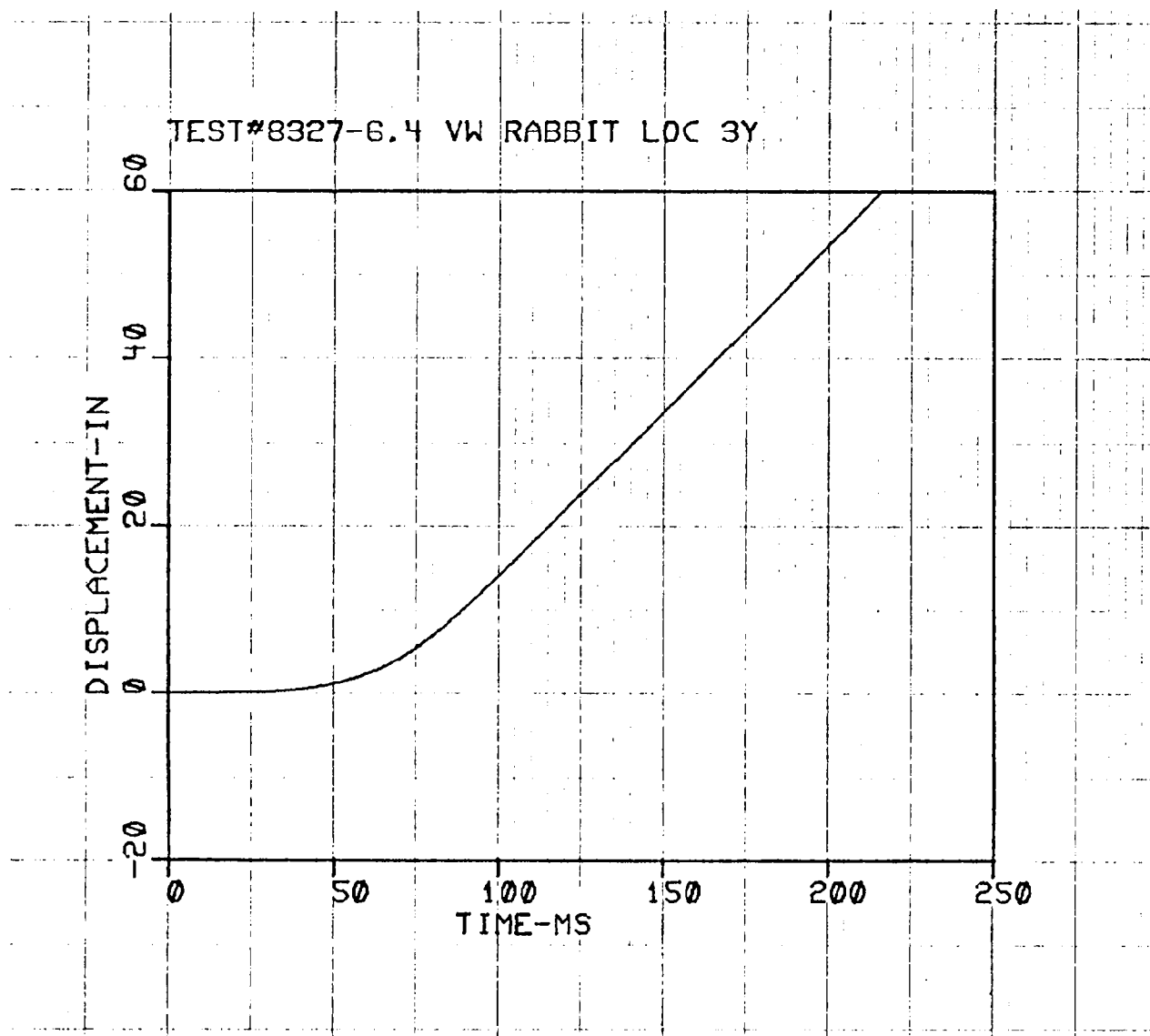


TEST#8327-6.4 VW RABBIT LOC 3Y

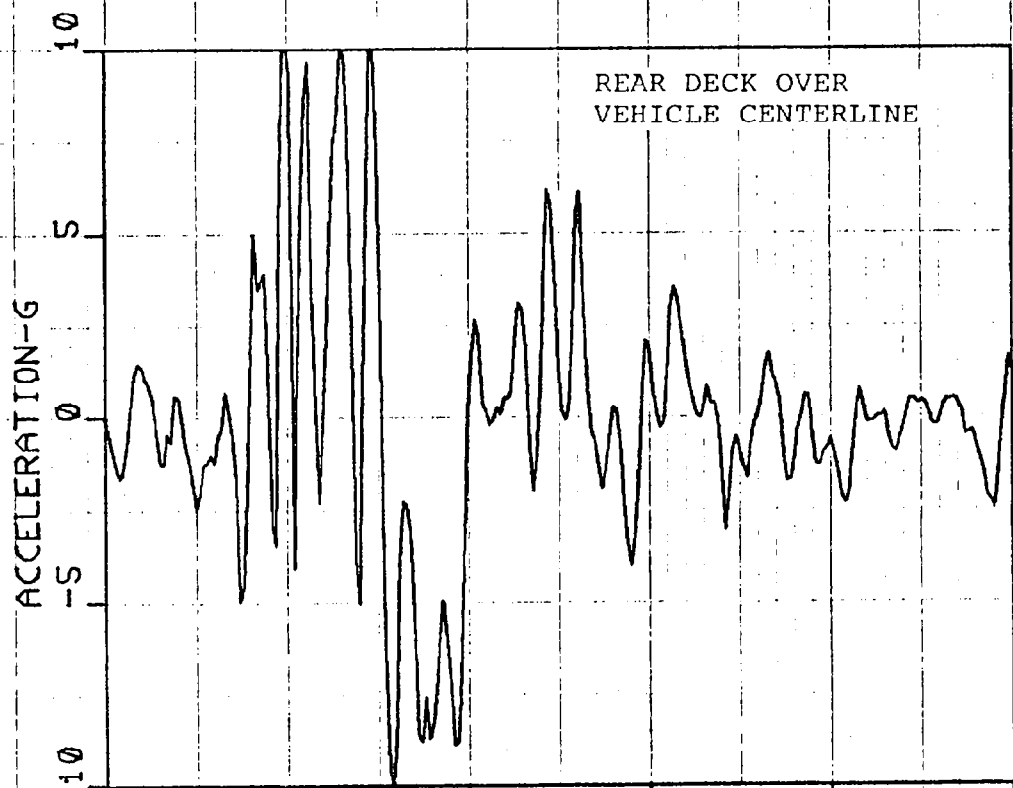


TEST#8327-6.4 VW RABBIT LOC 3Y

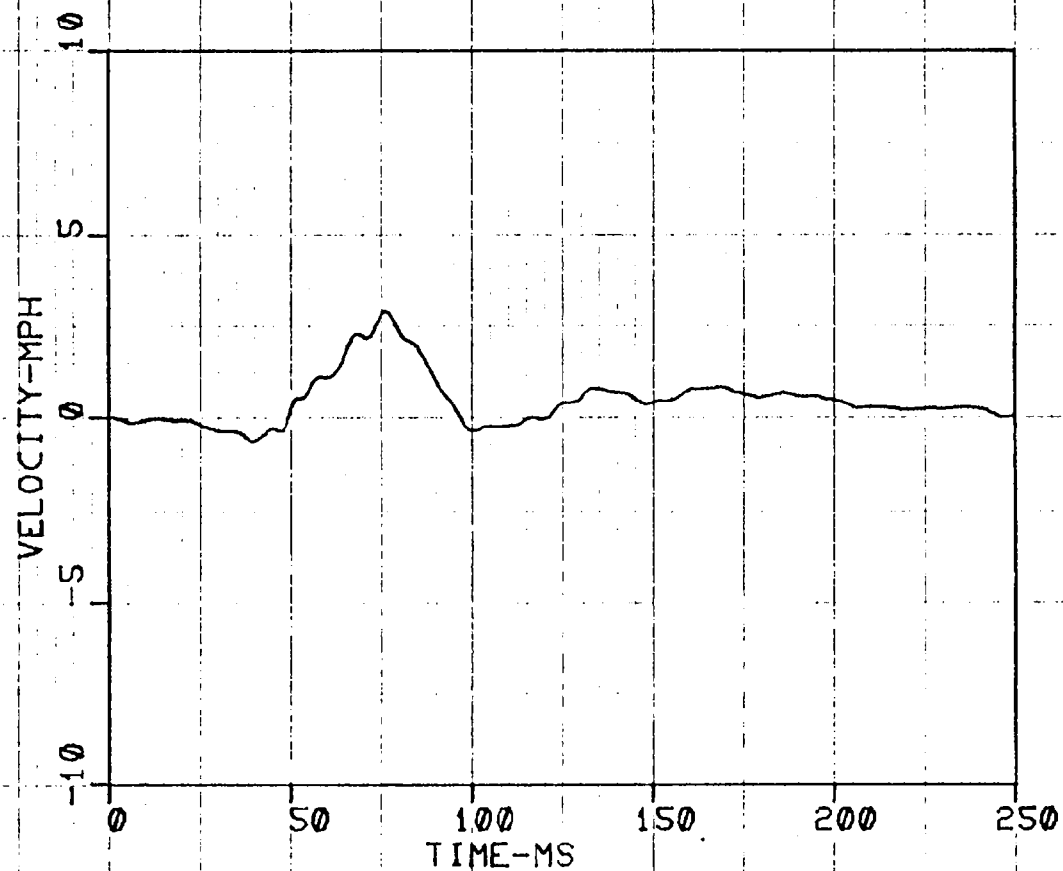


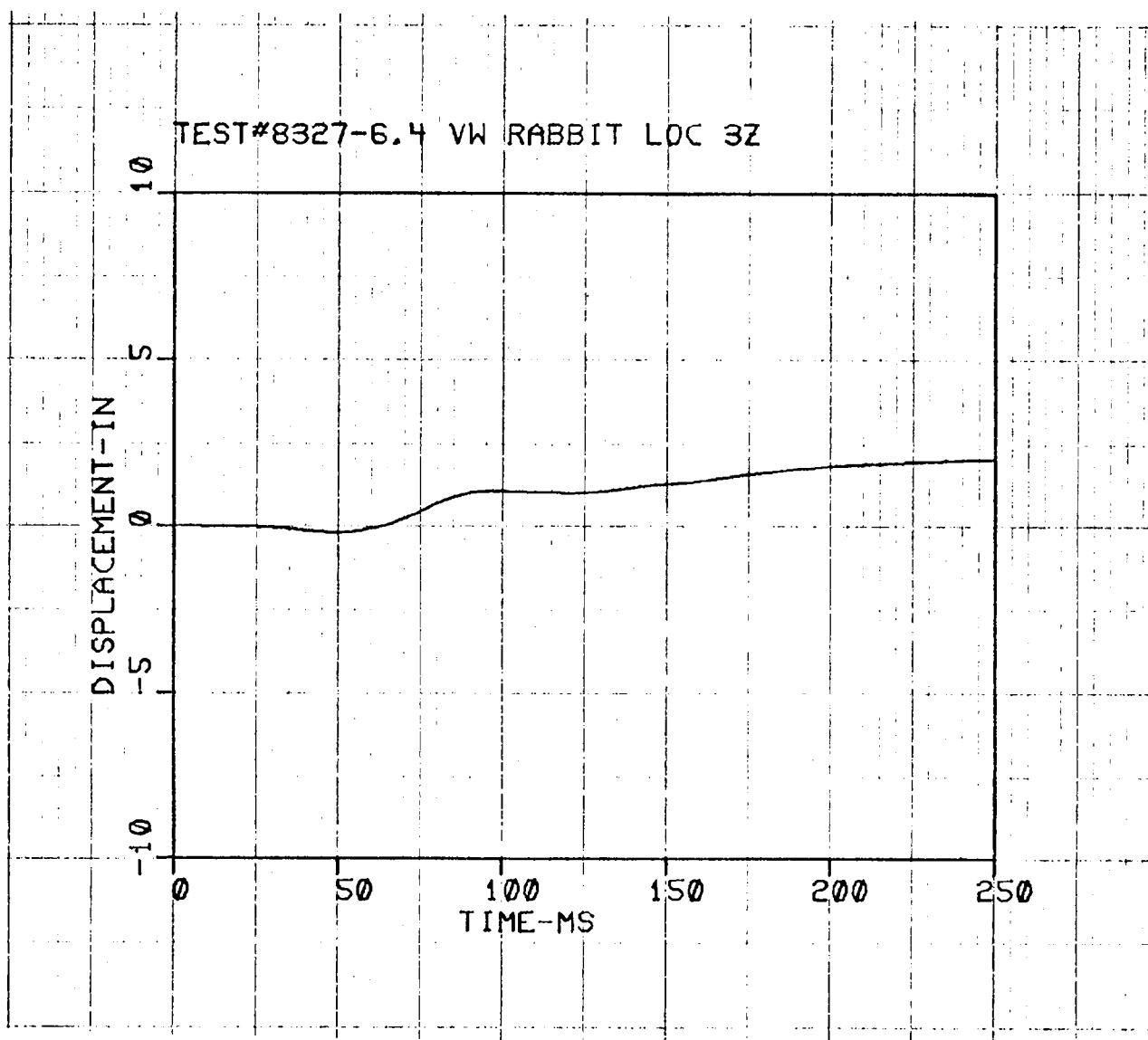


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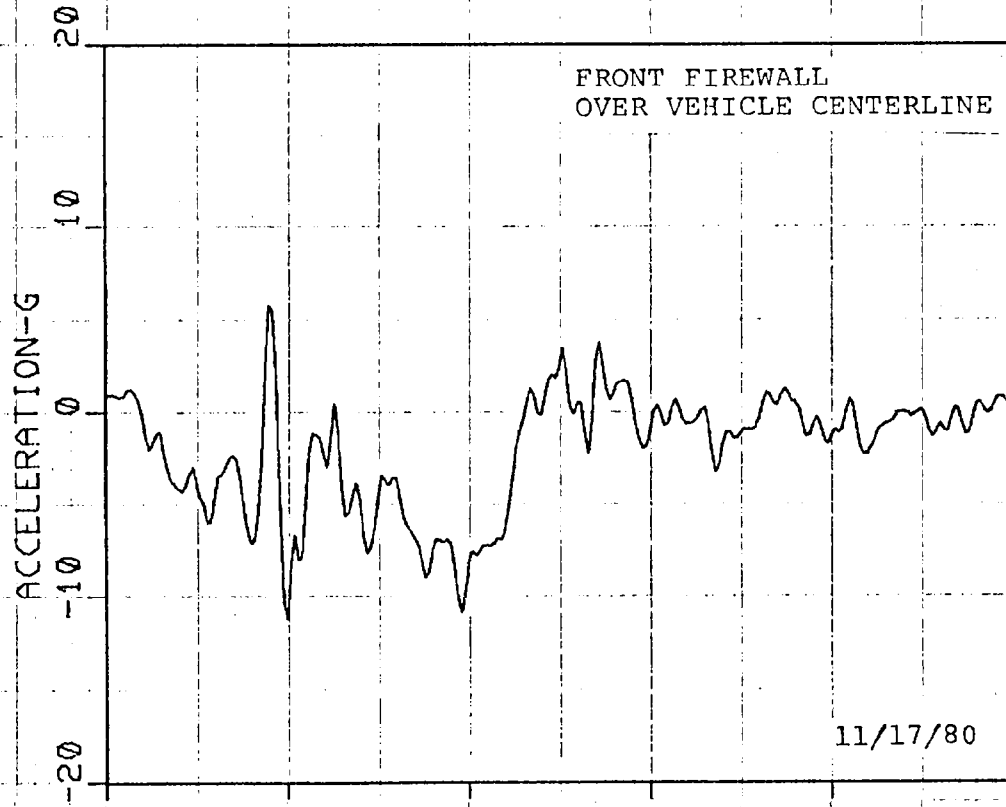


TEST#8327-6.4 VW RABBIT LOC 3Z

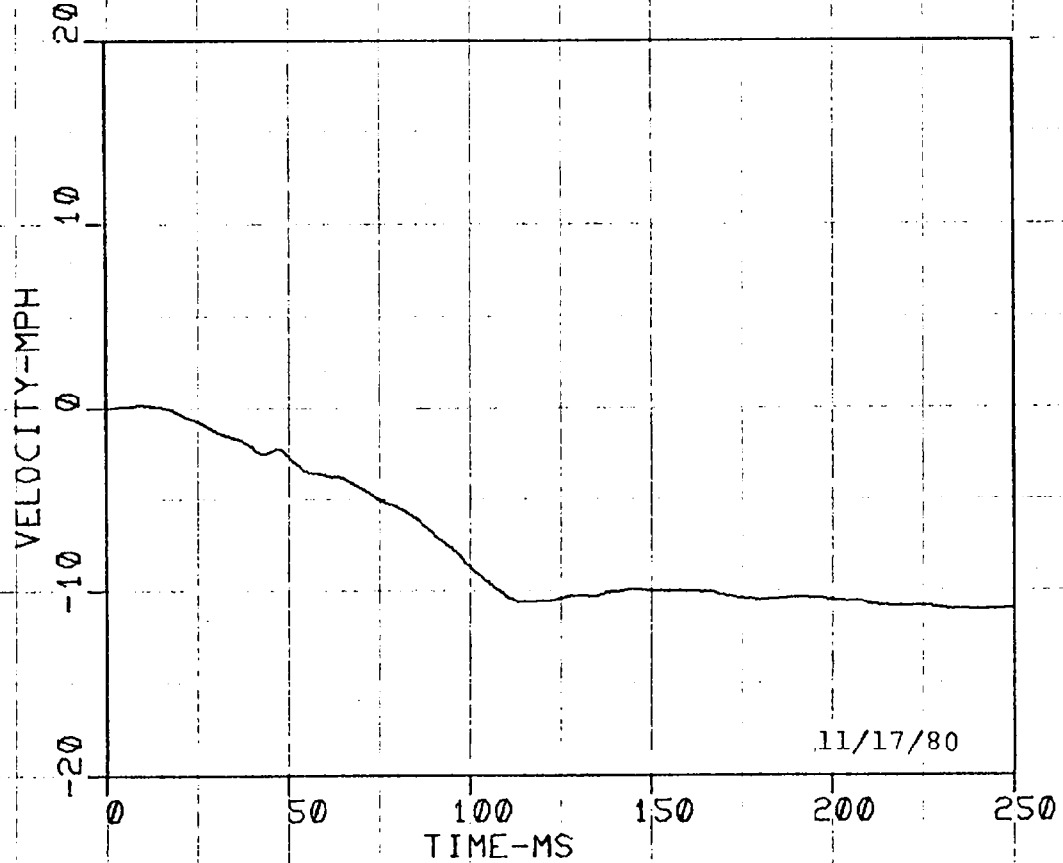


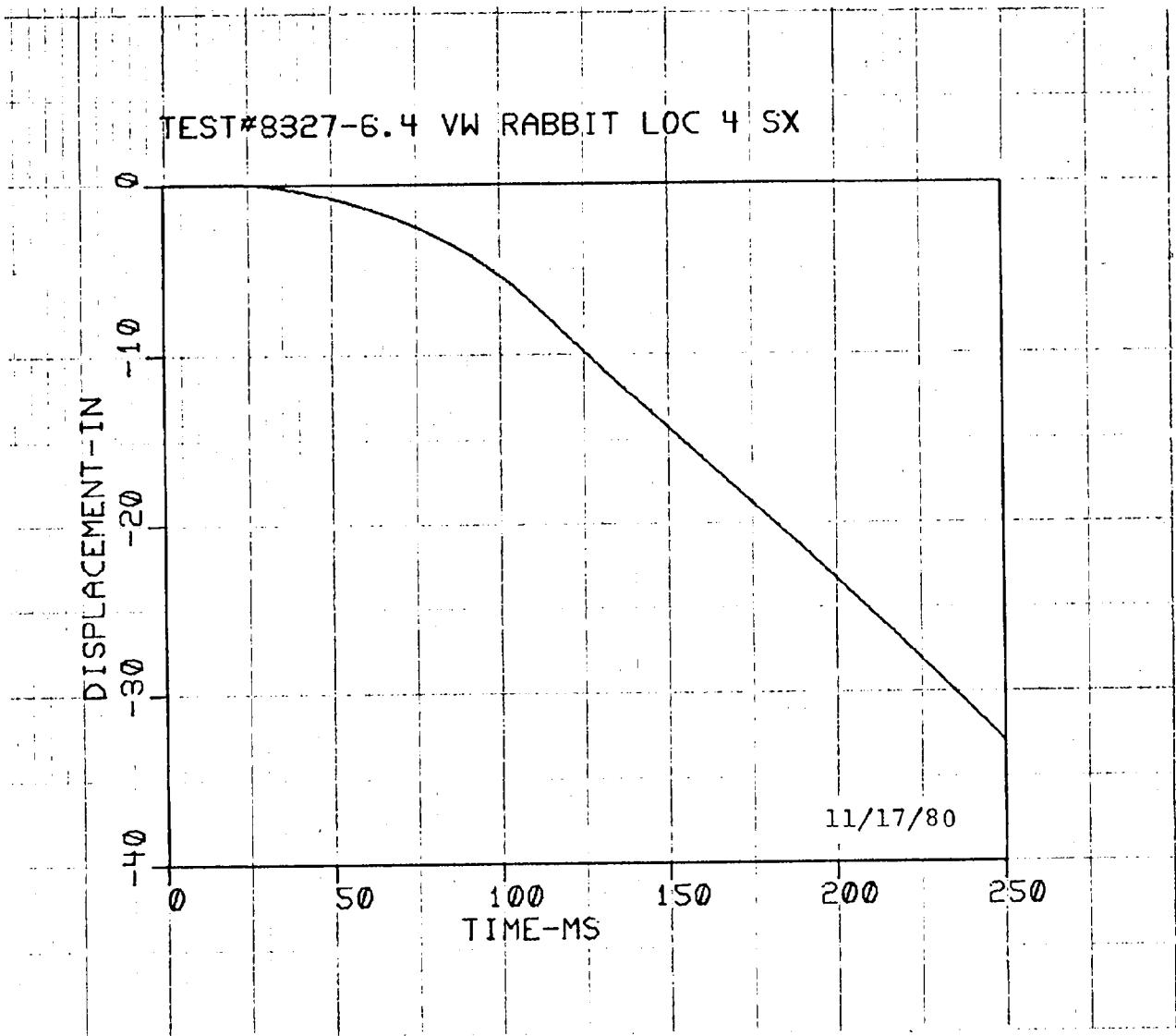


TEST#8327-6.4 VW RABBIT LOC 4 AX

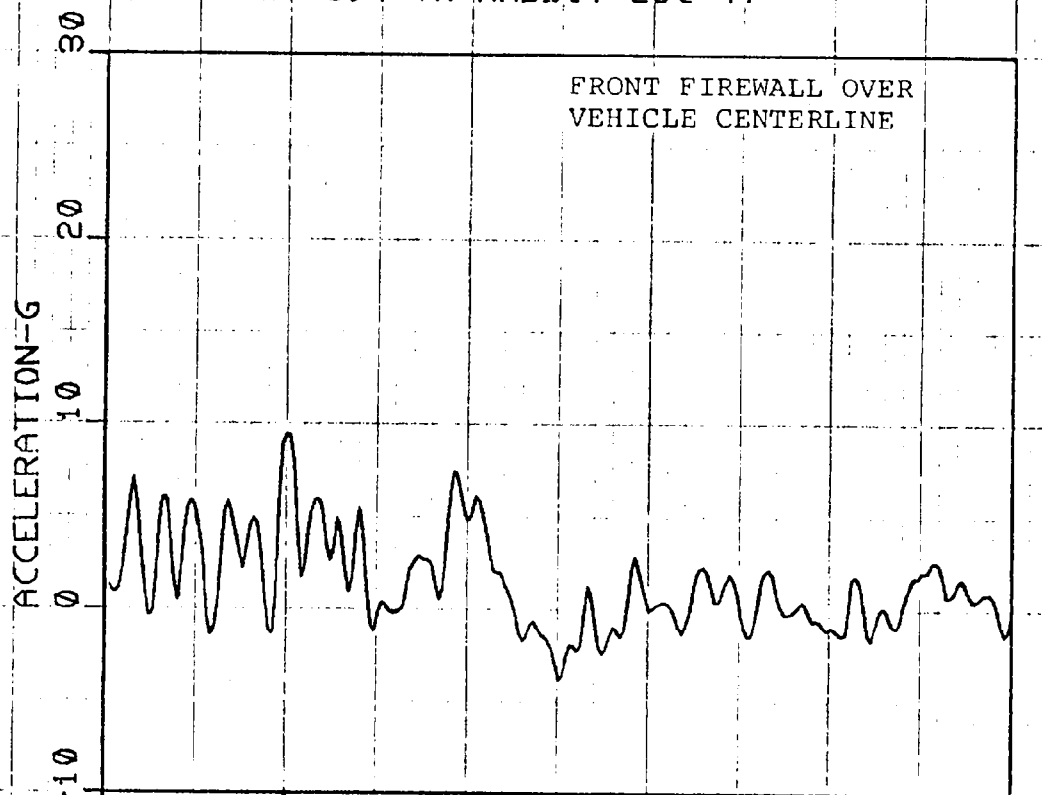


TEST#8327-6.4 VW RABBIT LOC 4 VX

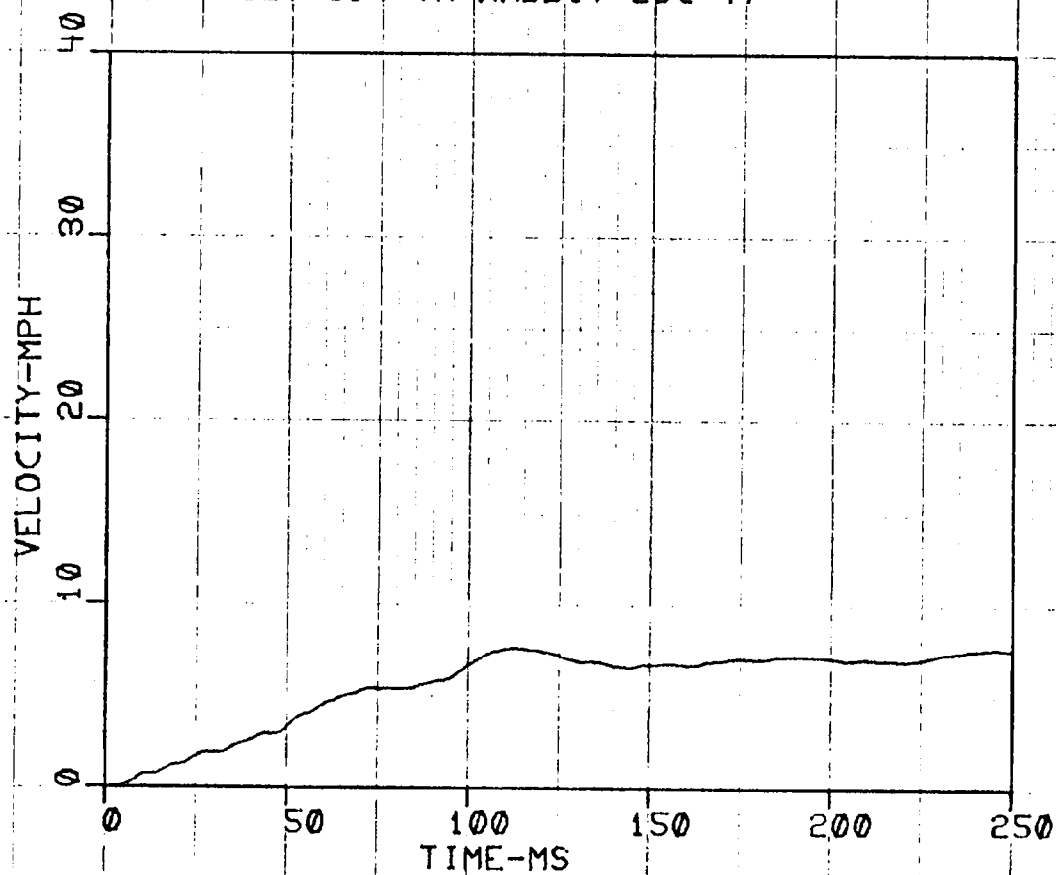


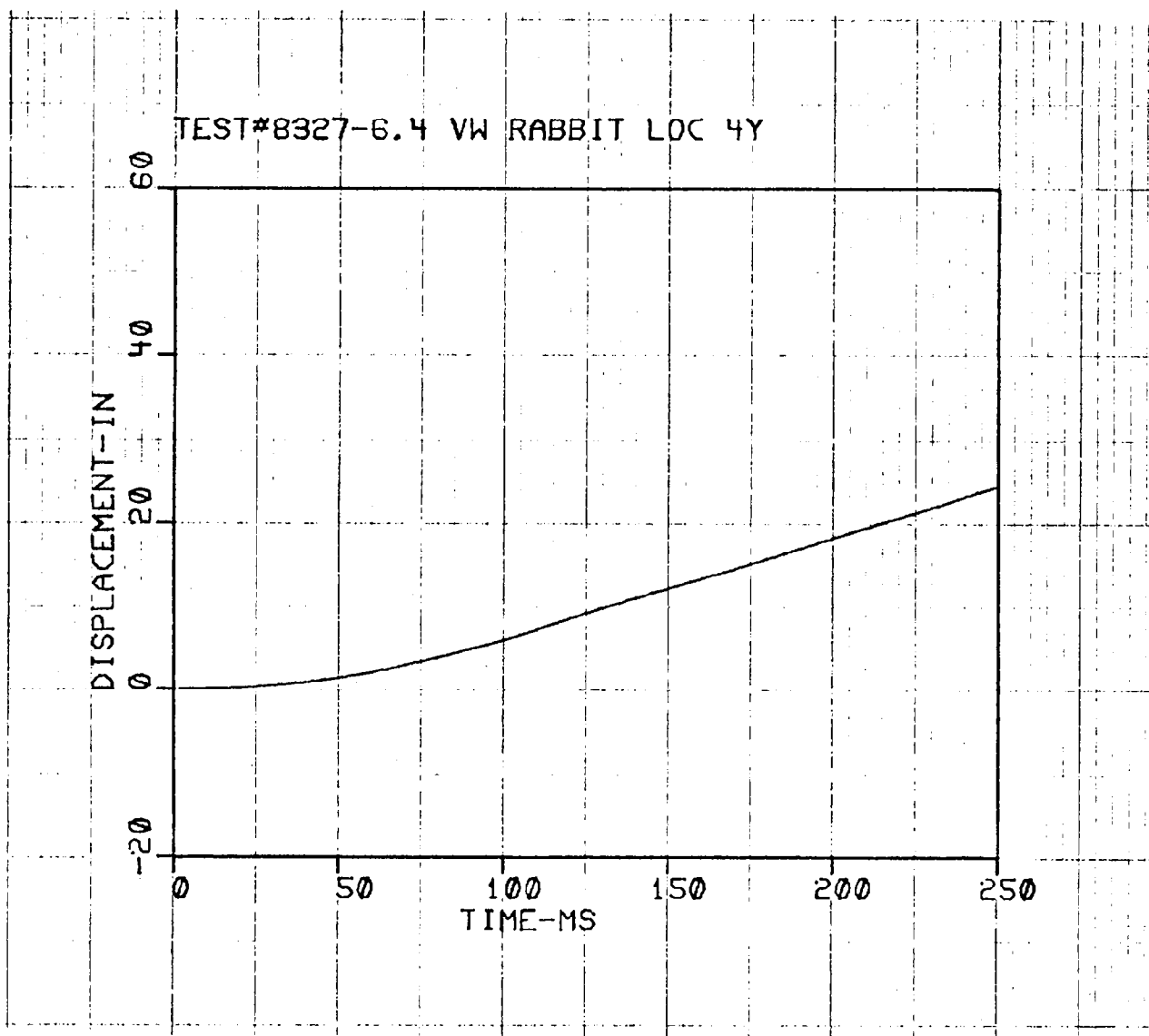


TEST#8327-6.4 VW RABBIT LOC 4Y

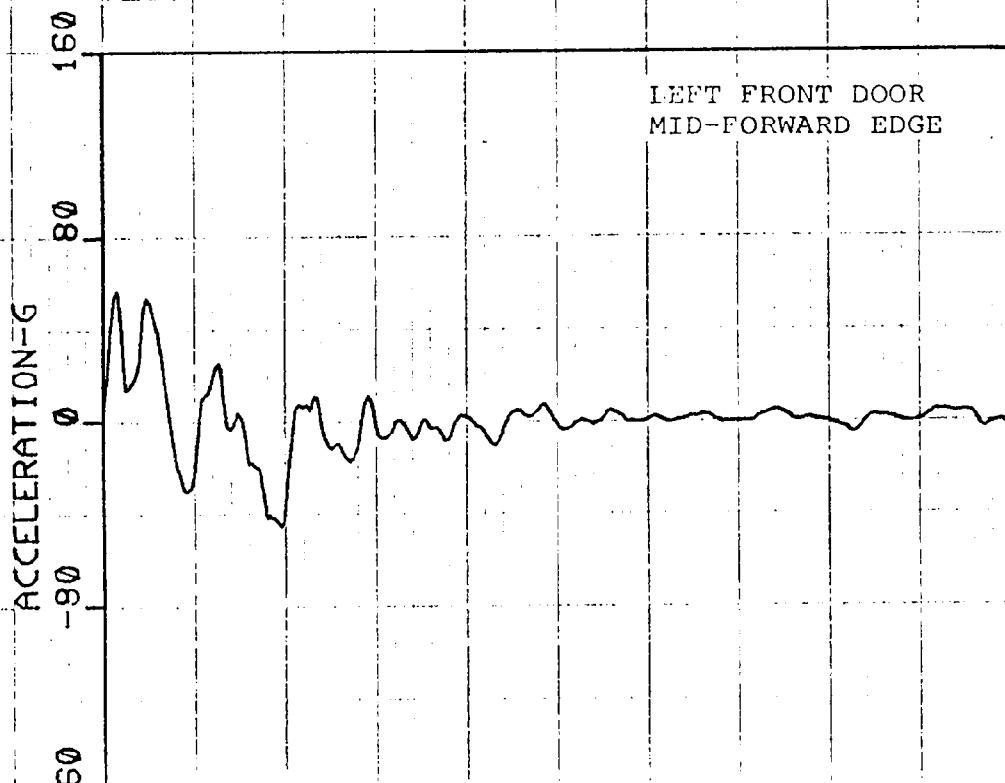


TEST#8327-6.4 VW RABBIT LOC 4Y

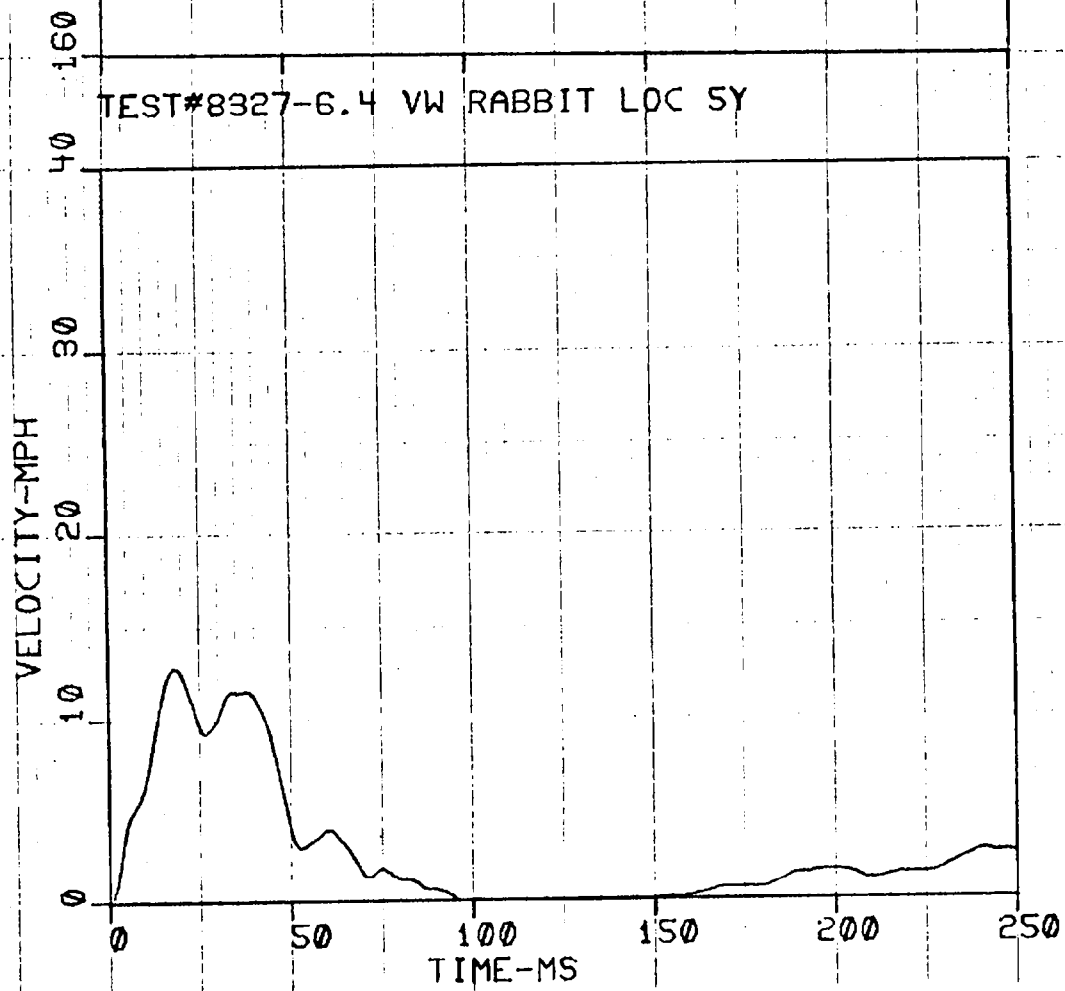


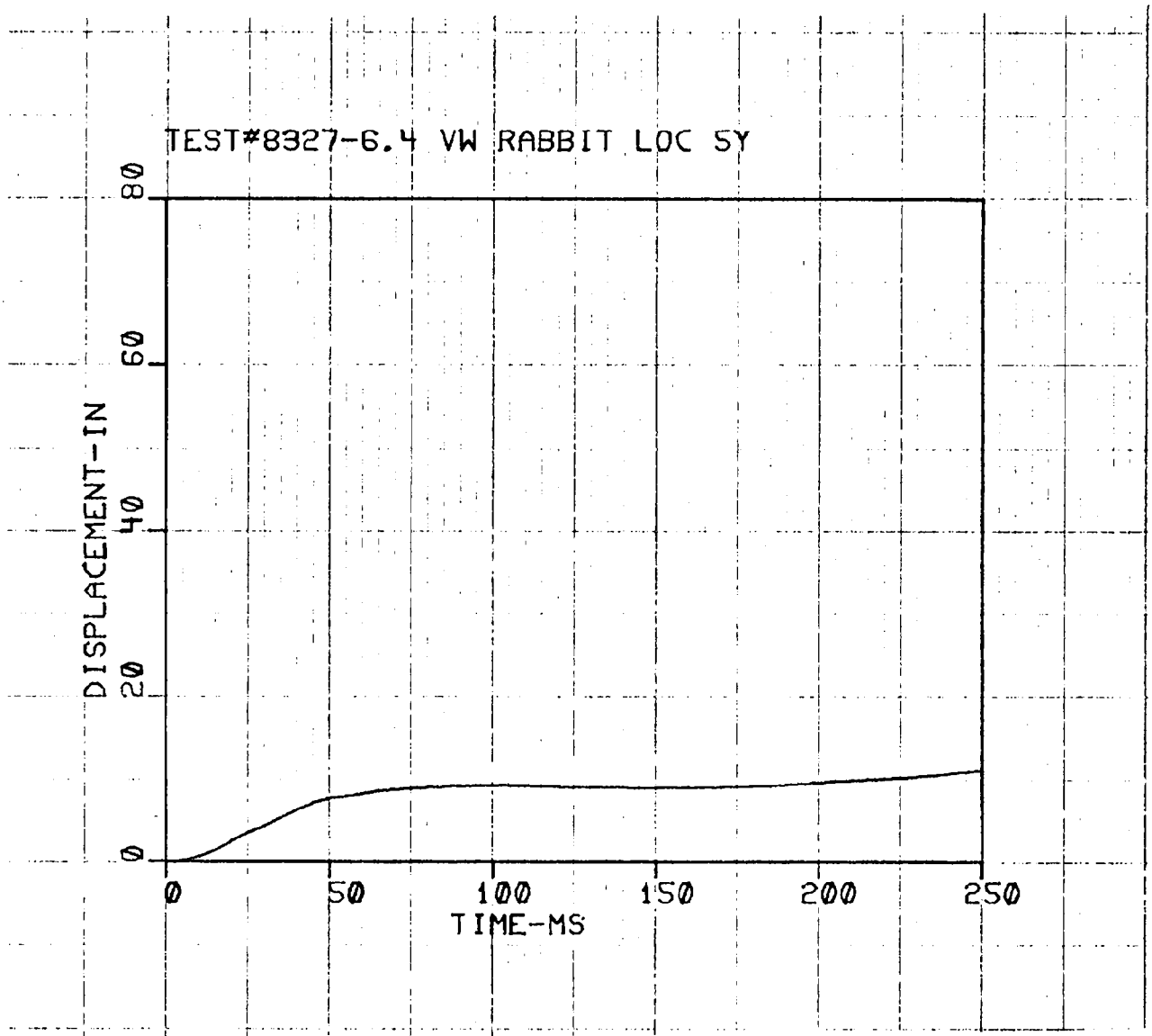


TEST#8327-6.4 VW RABBIT LOC 5Y

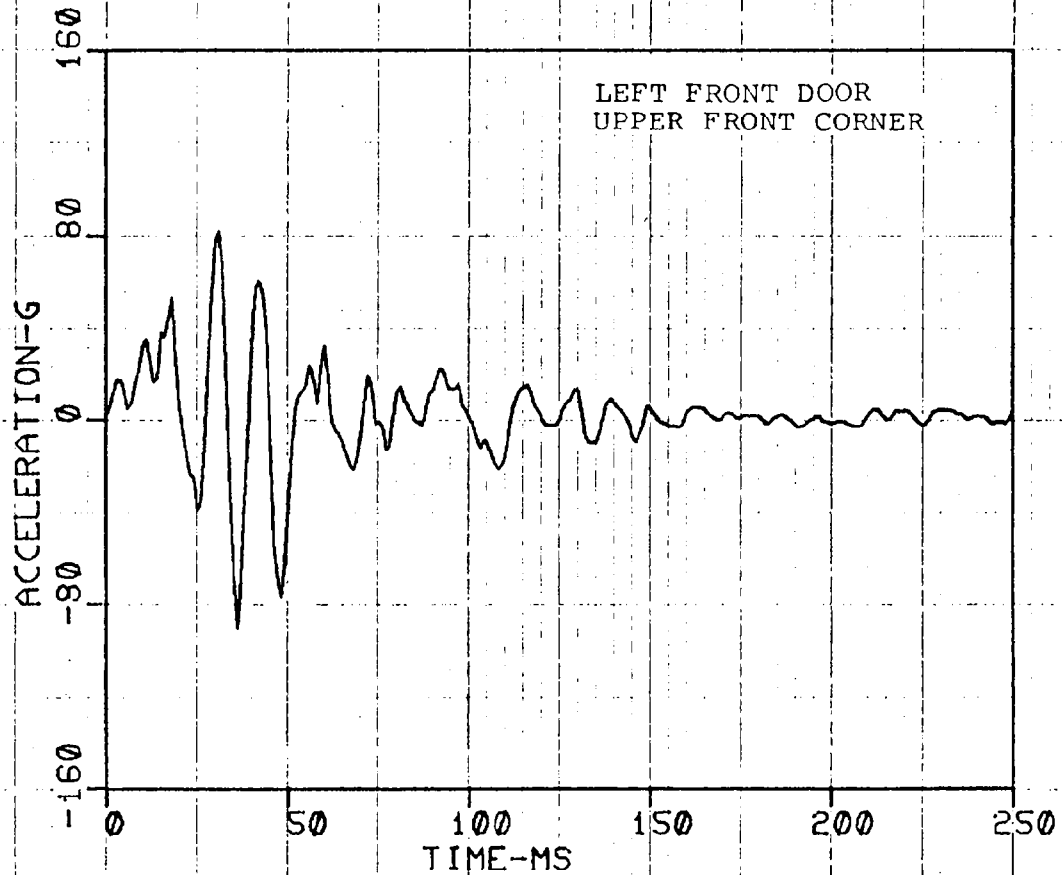


TEST#8327-6.4 VW RABBIT LOC 5Y

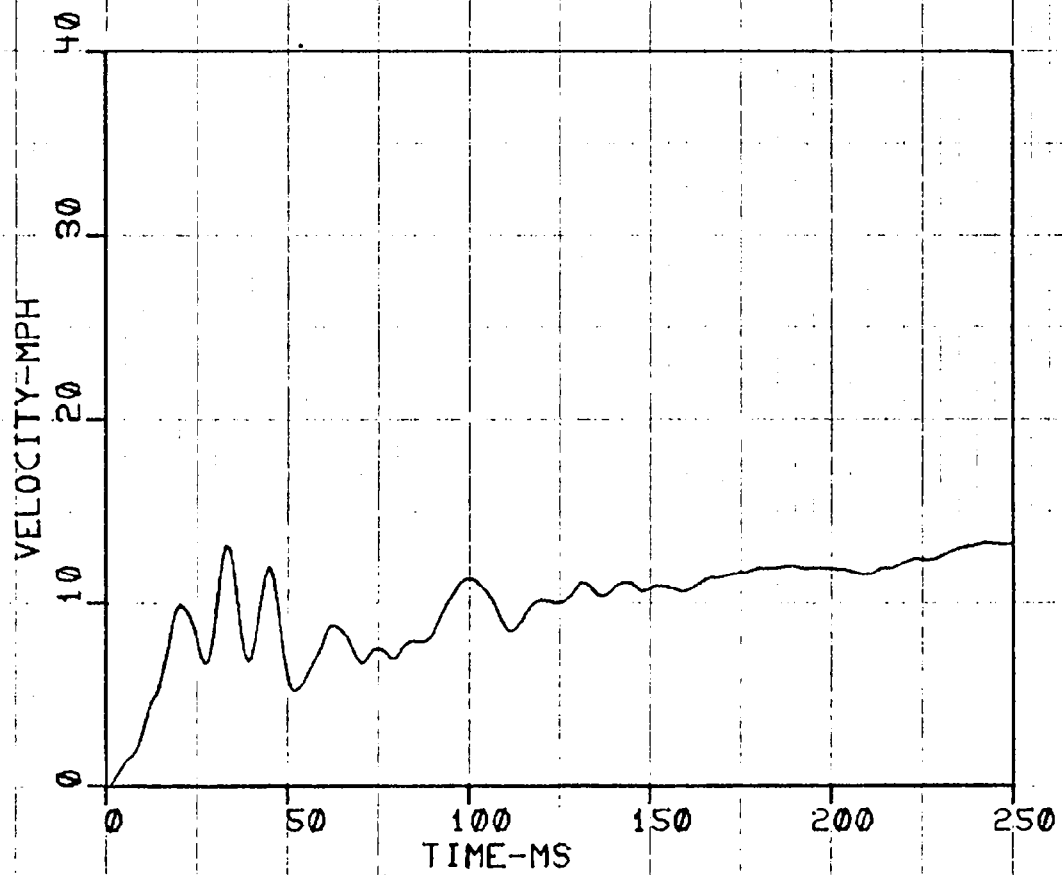


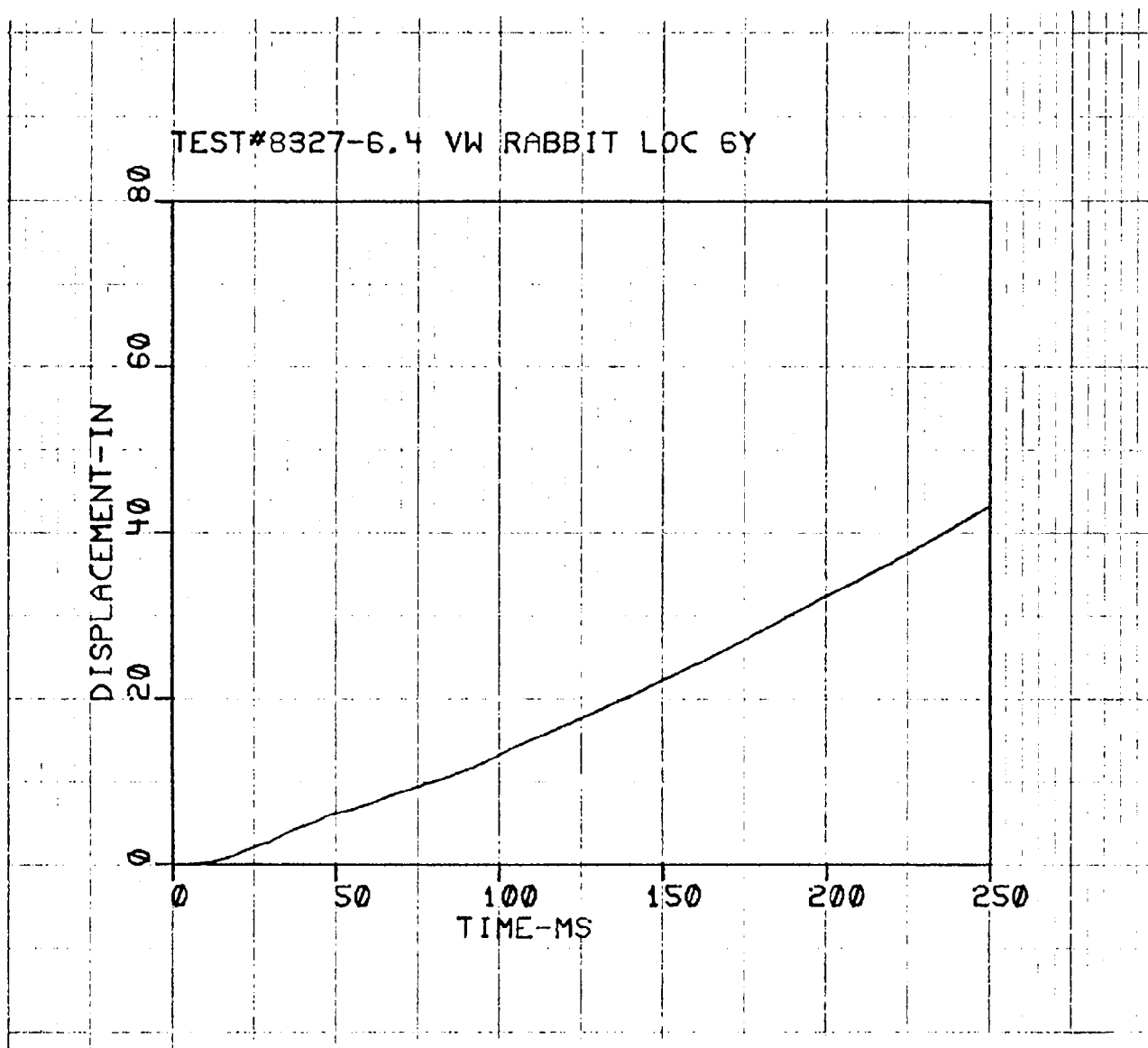


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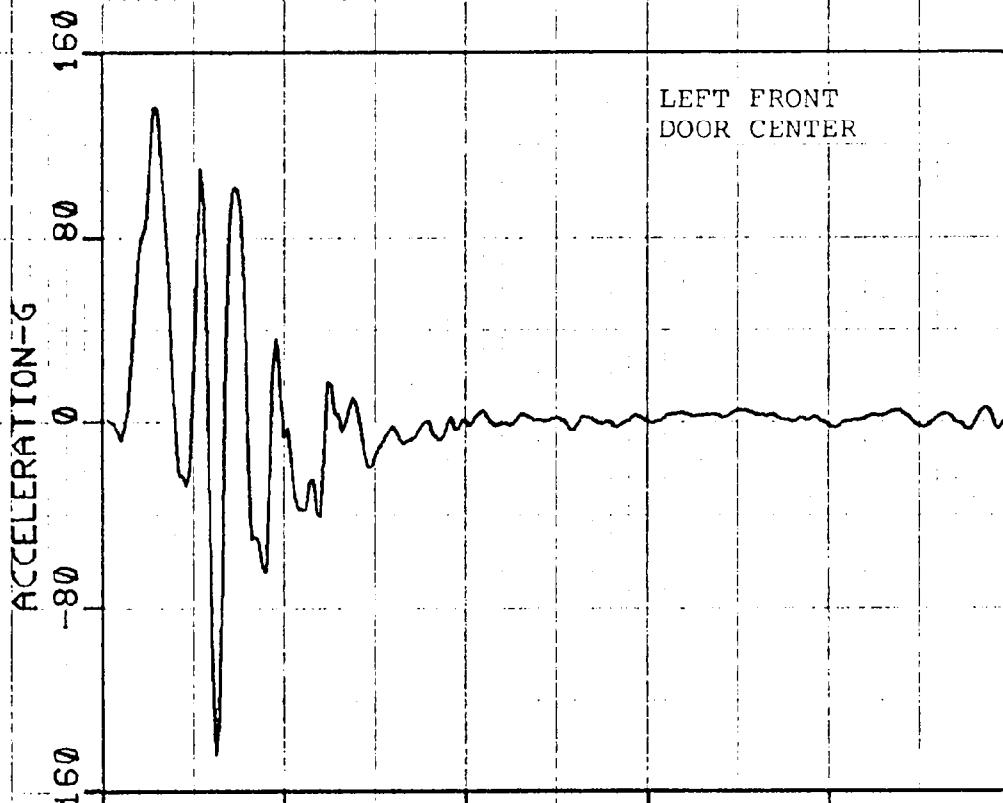


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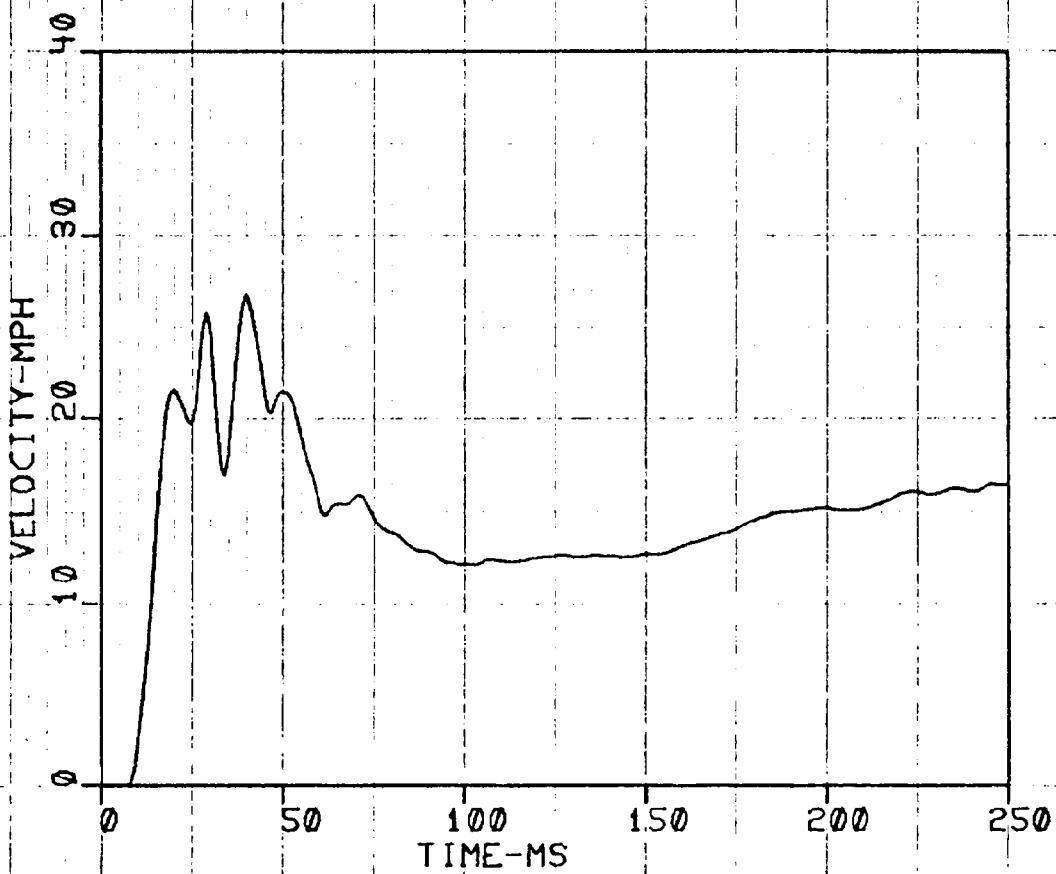


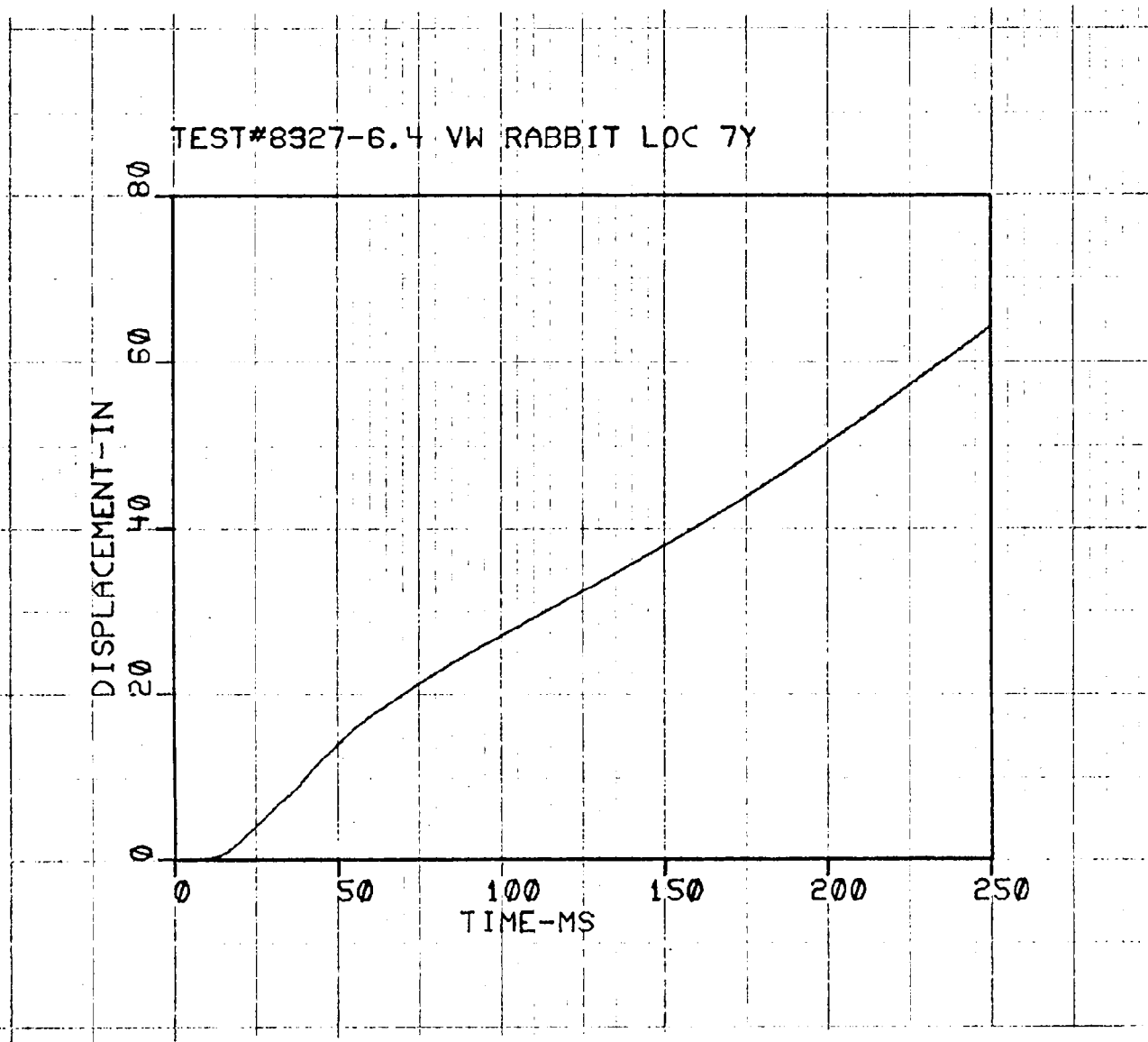


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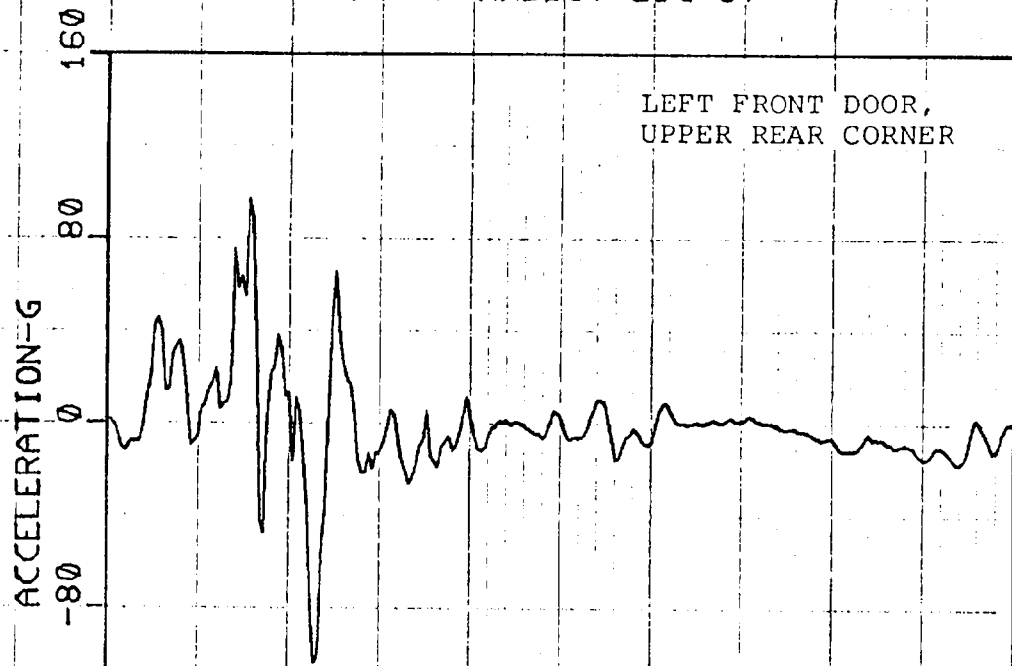


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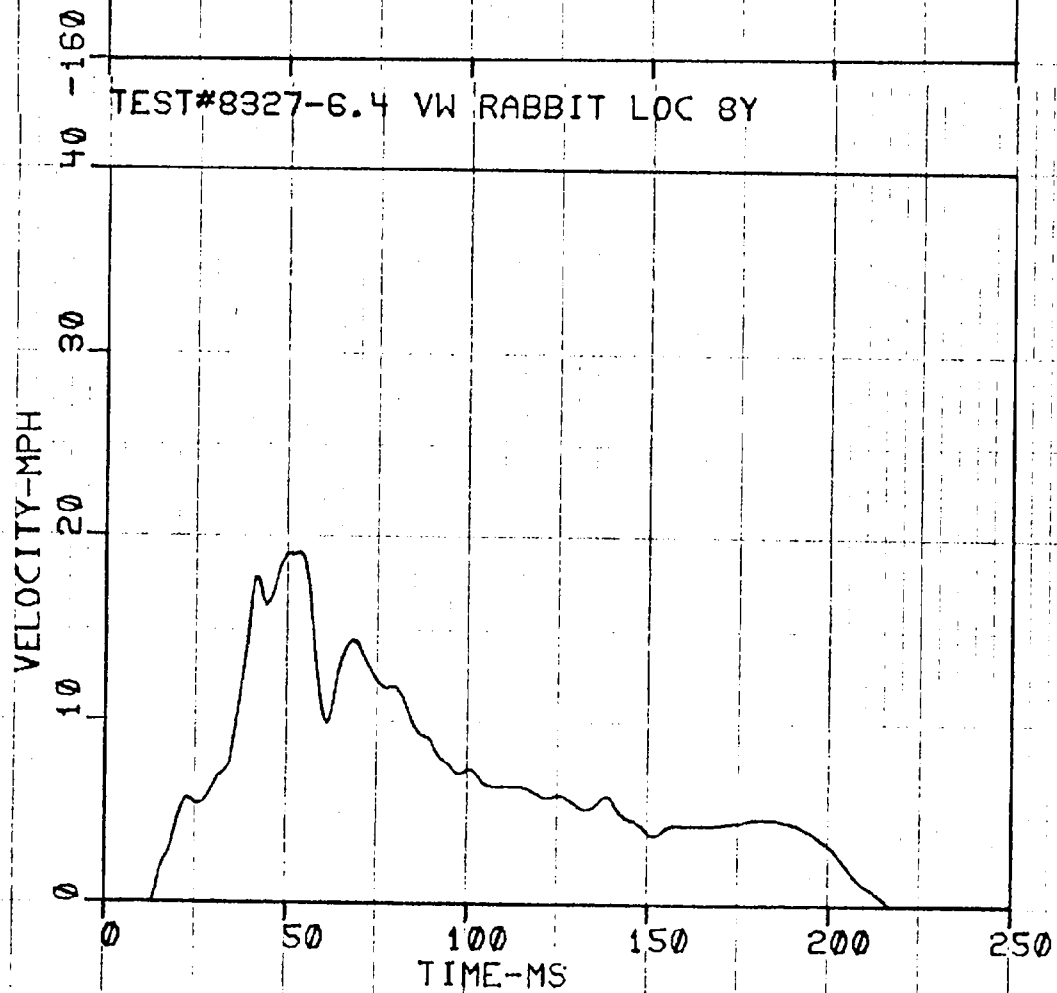


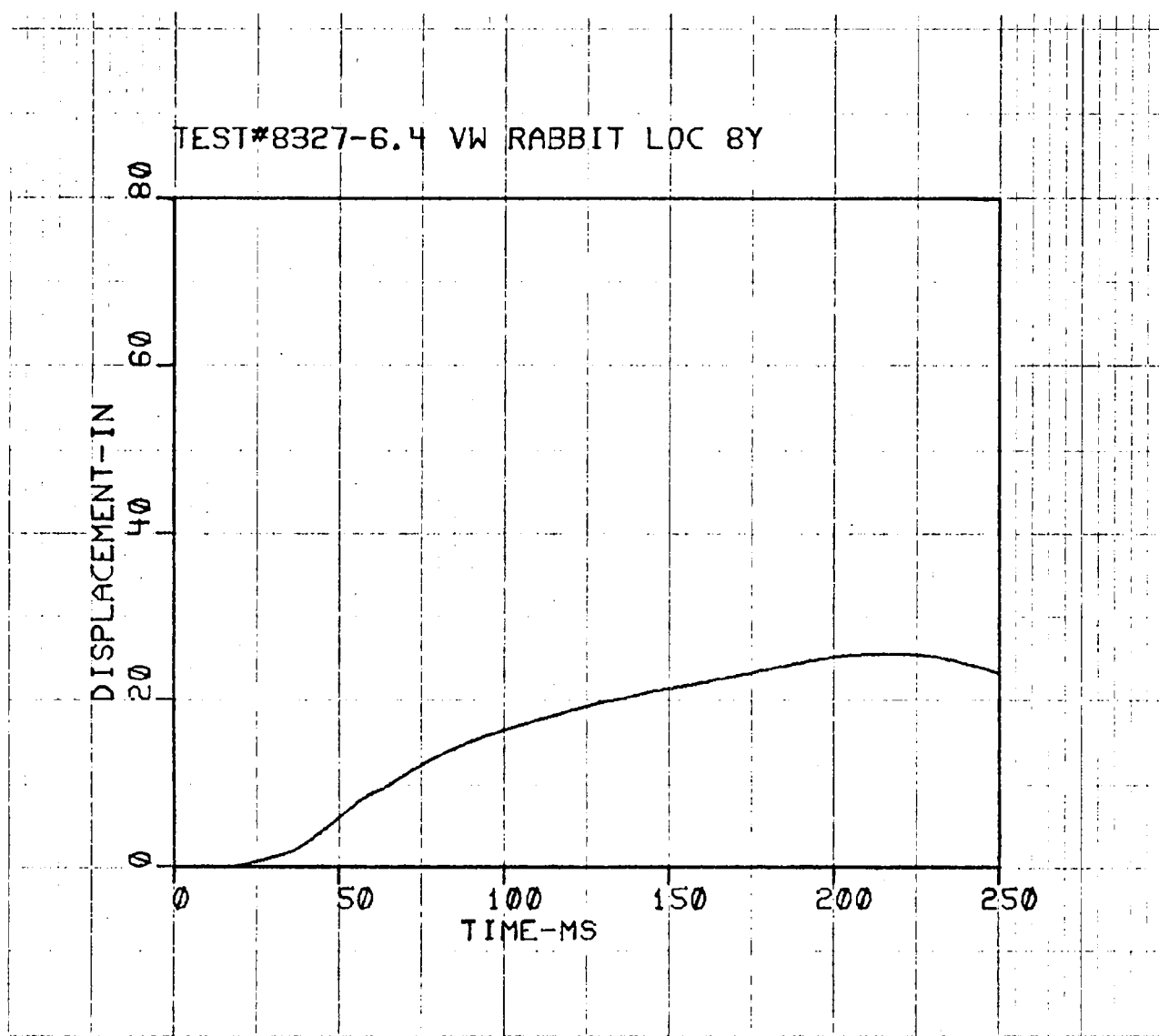


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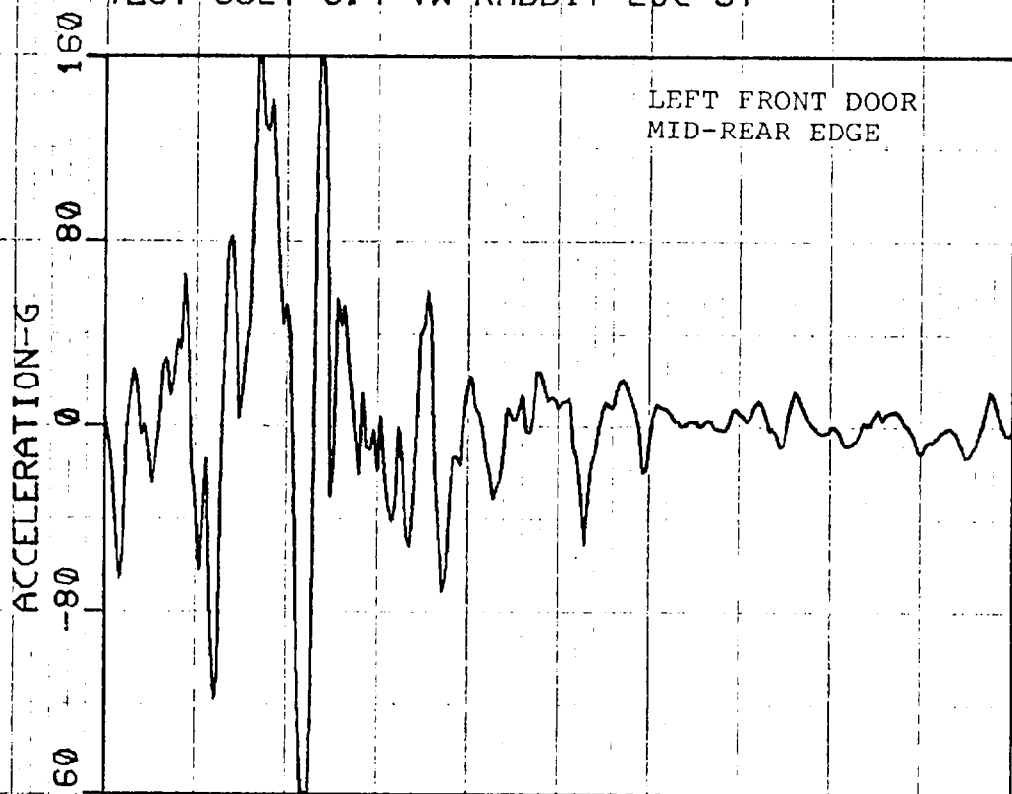


TEST#8327-6.4 VW RABBIT LOC 8Y

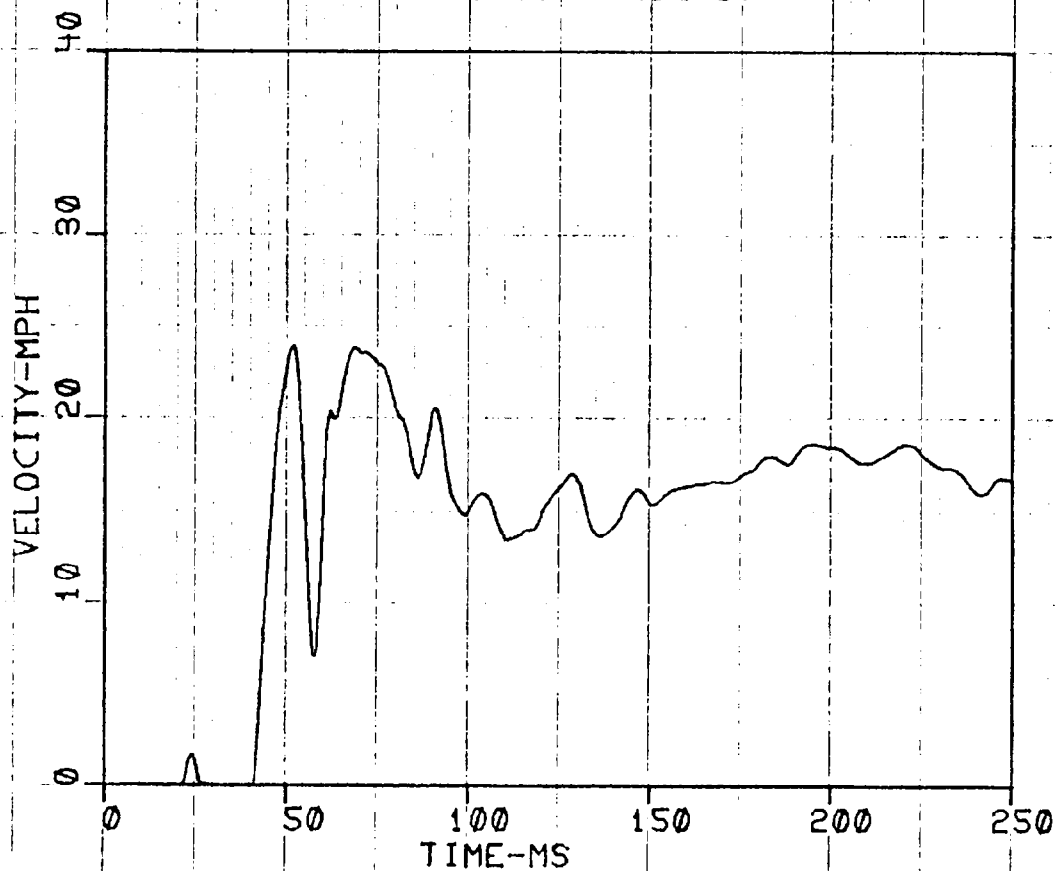


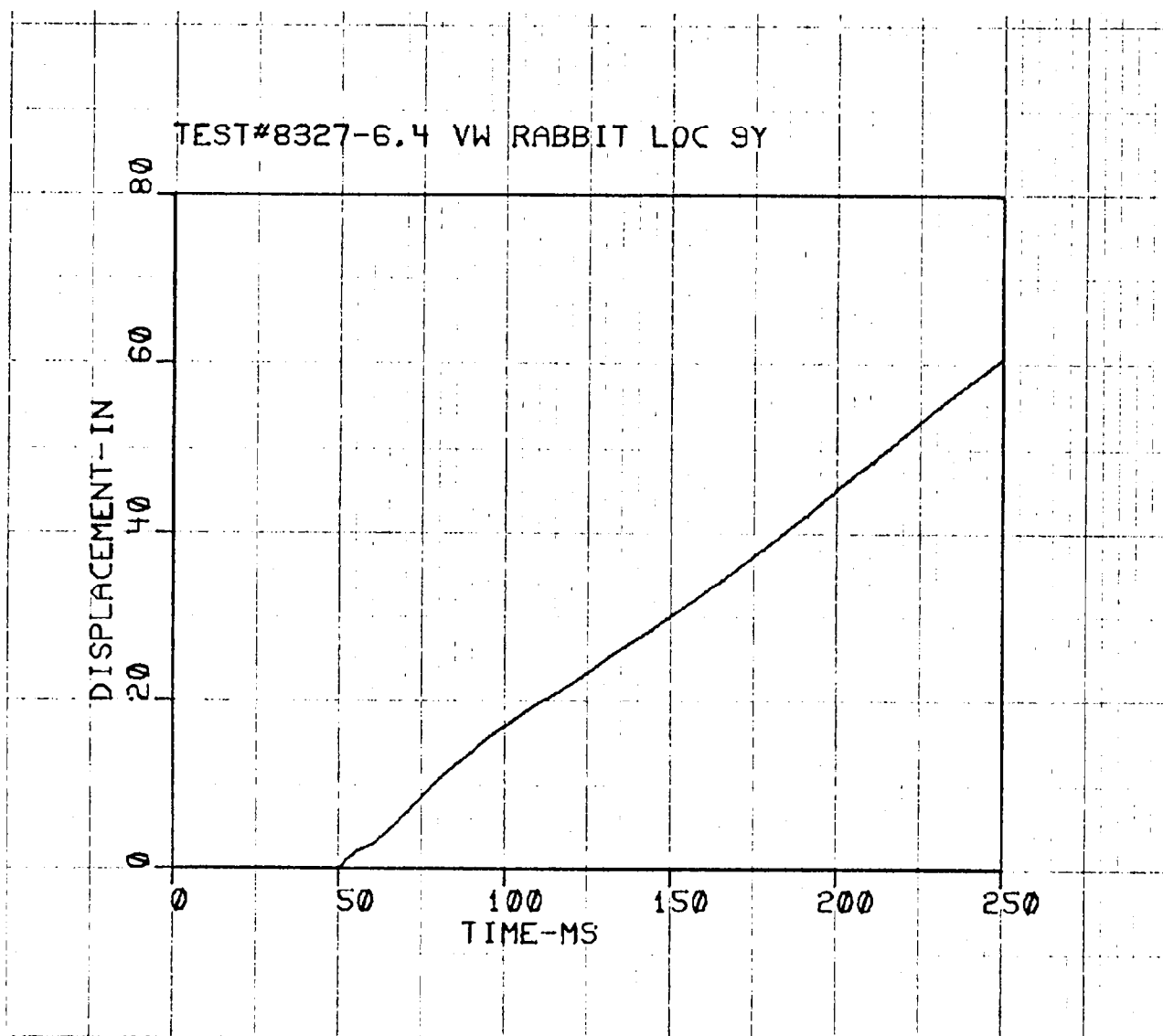


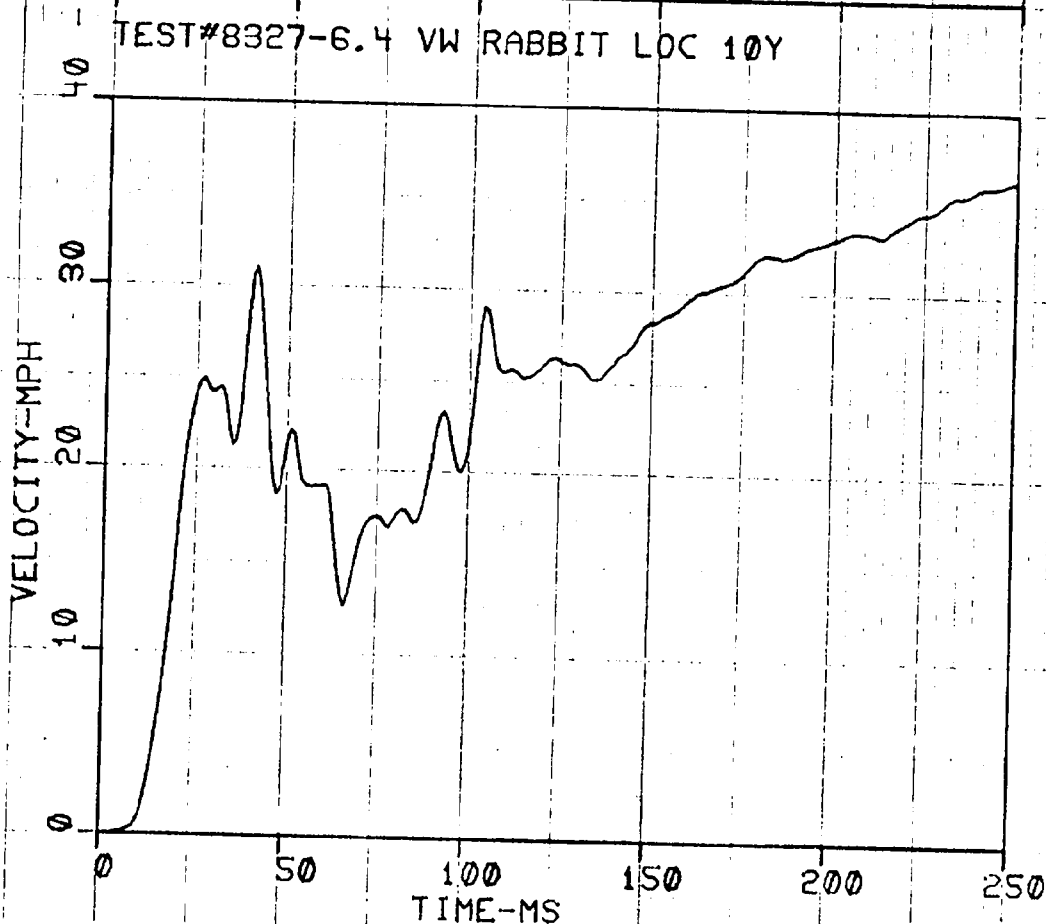
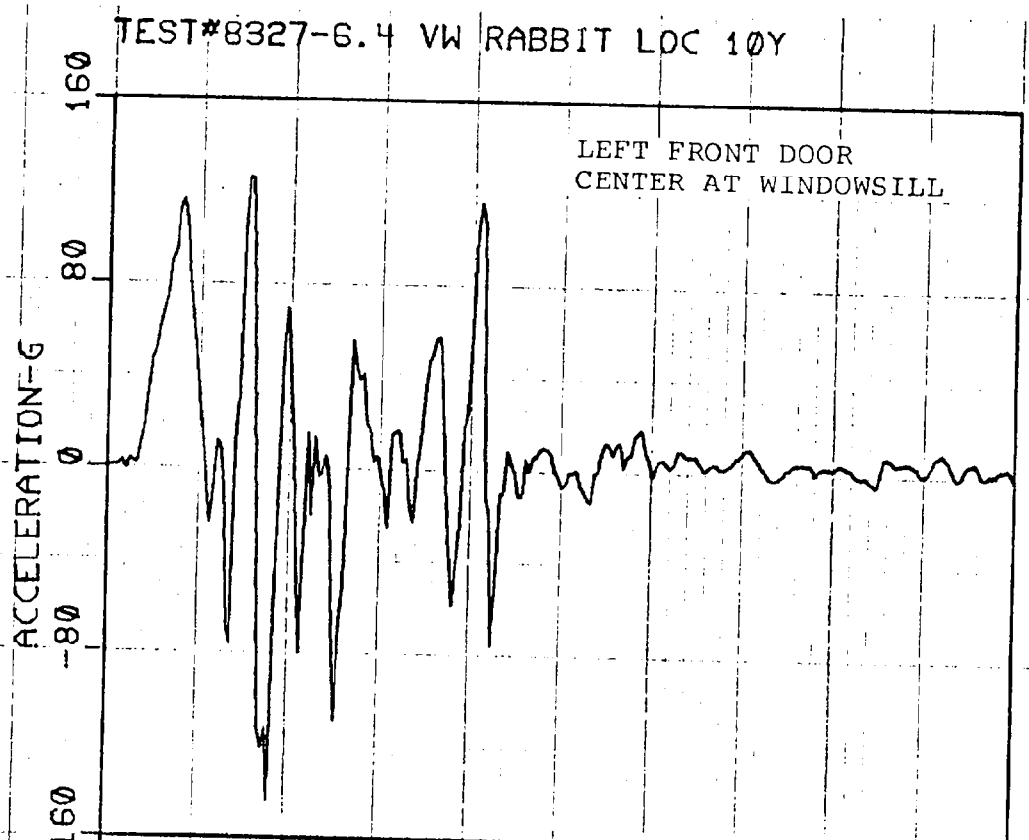
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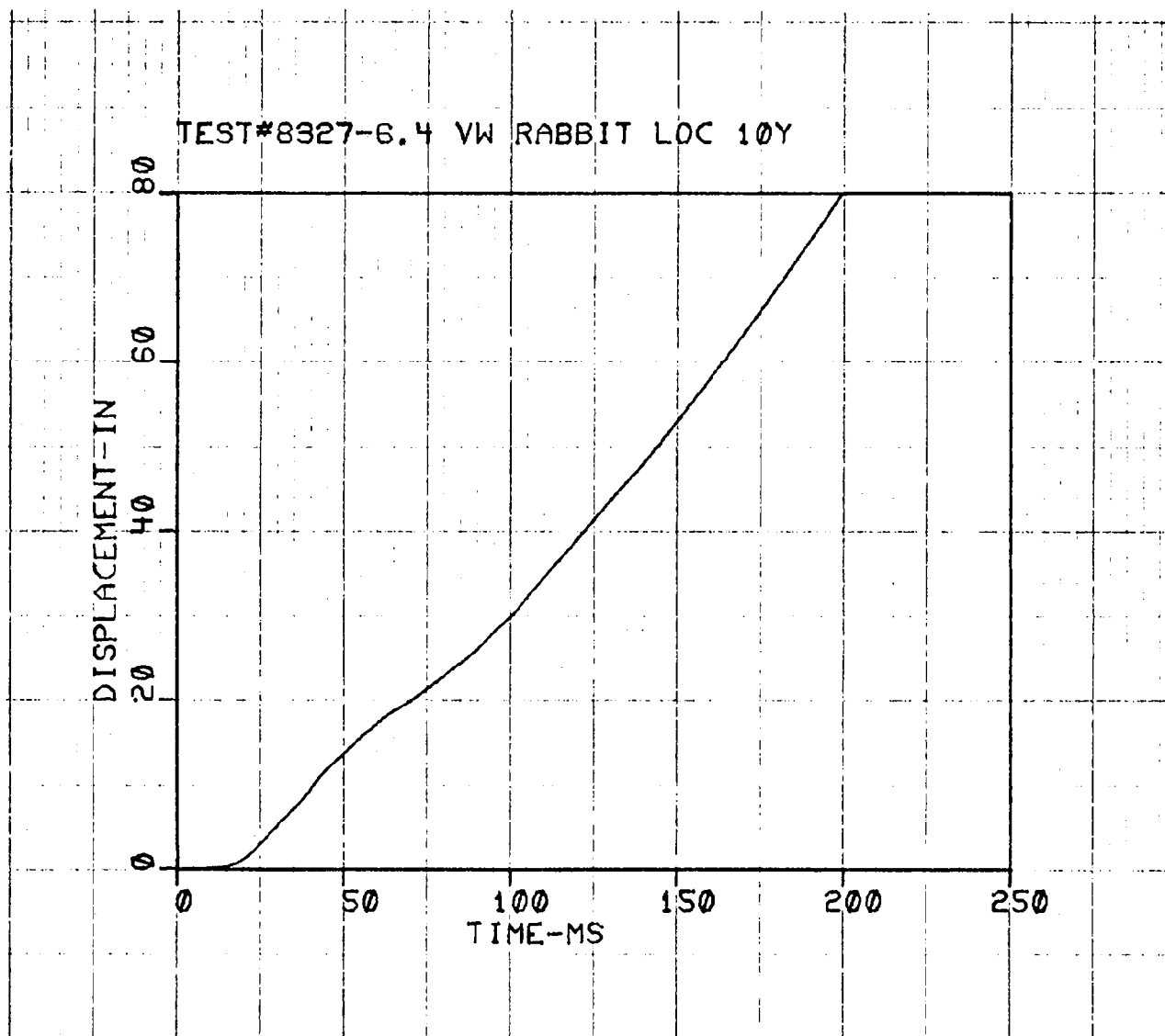


TEST#8327-6.4 VW RABBIT LOC 9Y

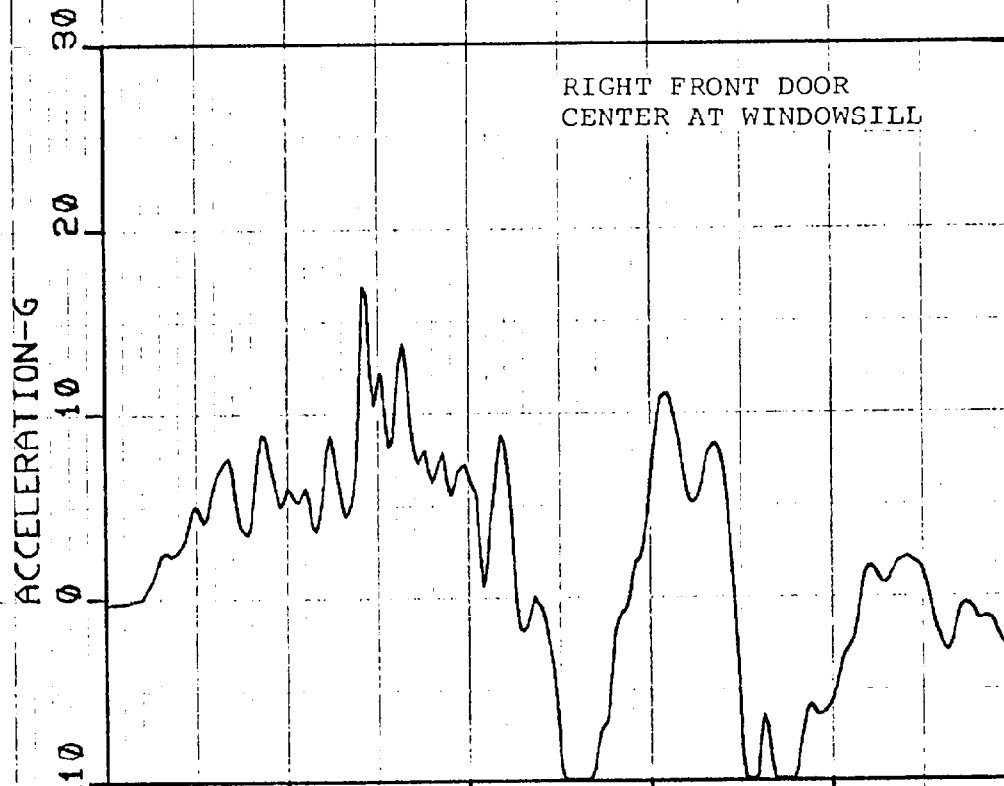




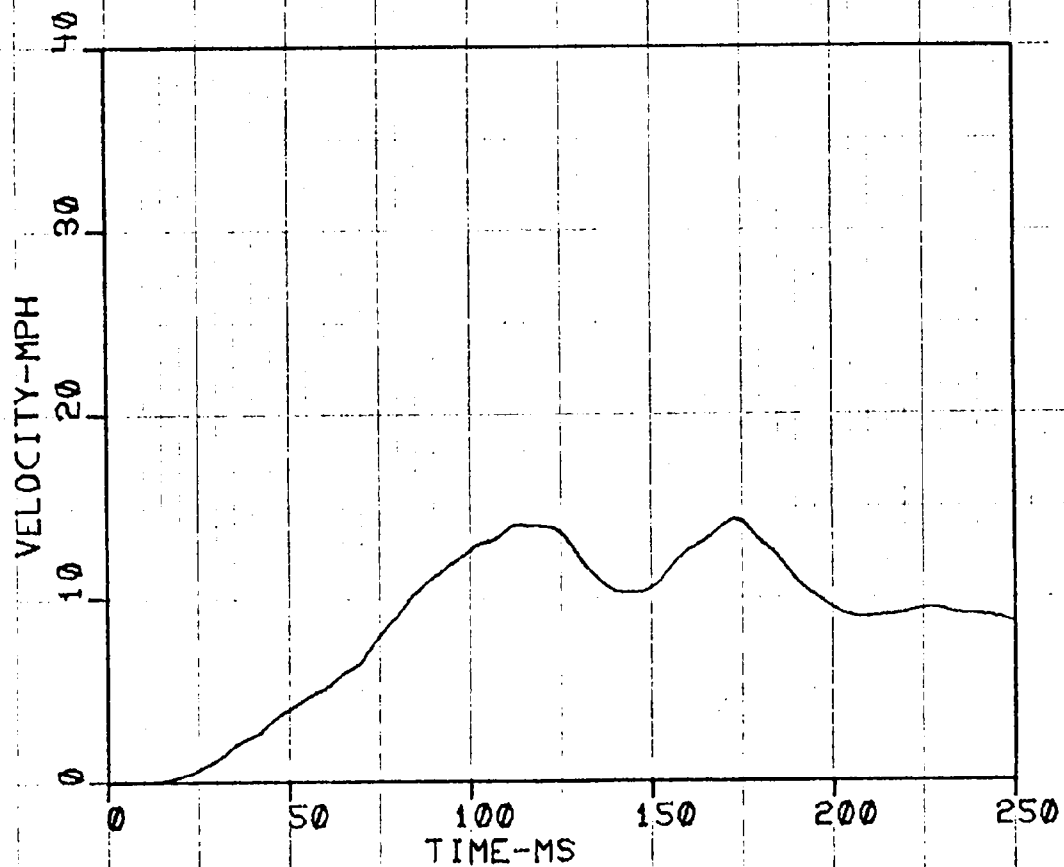


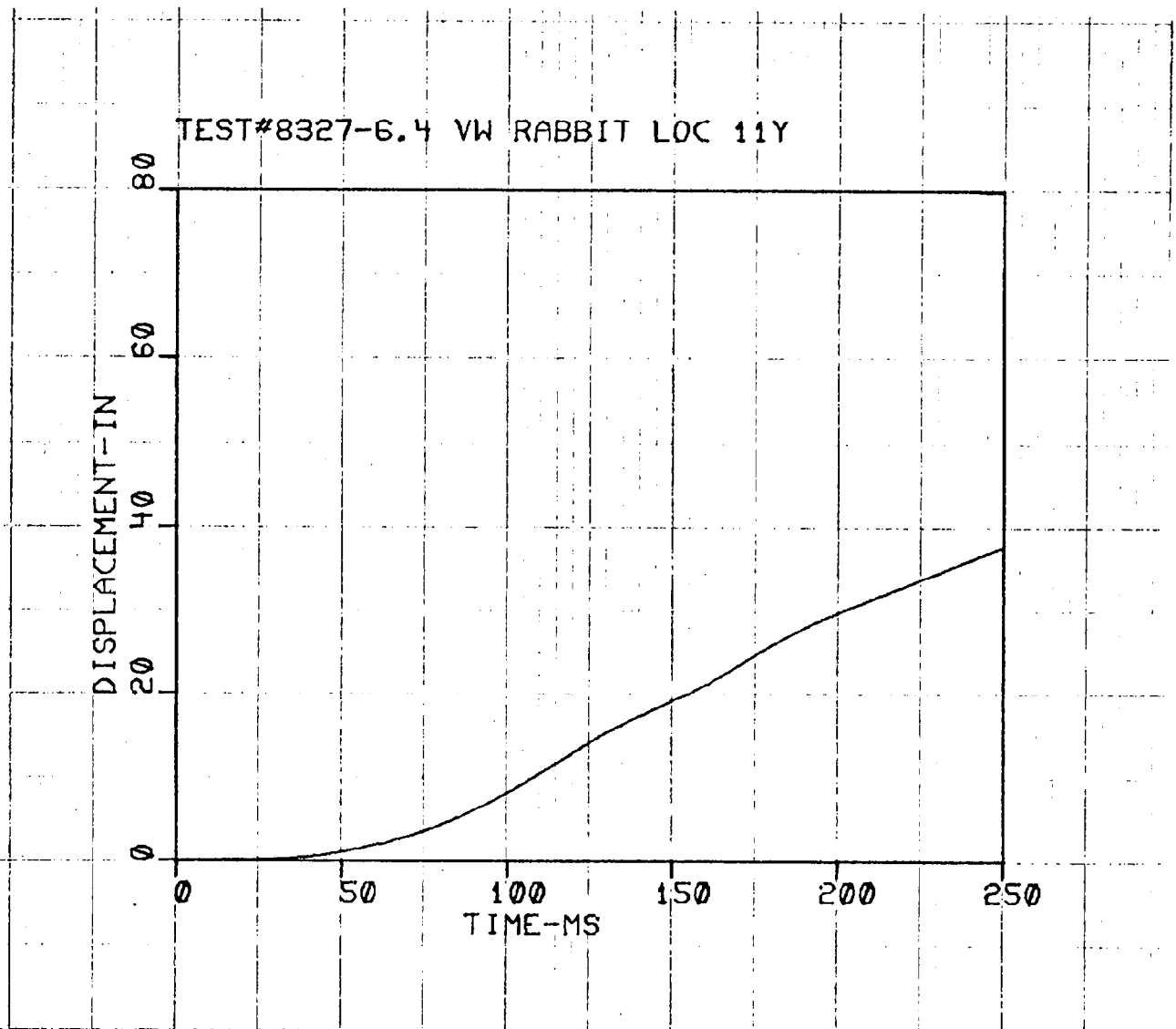


TEST#8327-6.4 VW RABBIT LOC 11Y

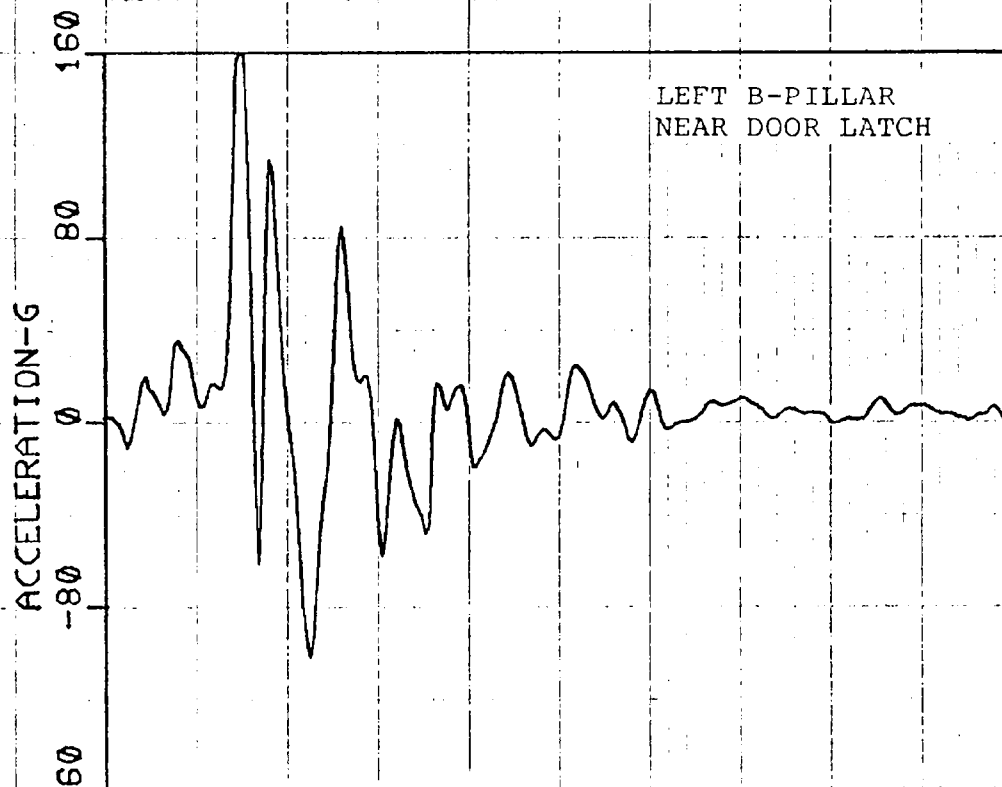


TEST#8327-6.4 VW RABBIT LOC 11Y

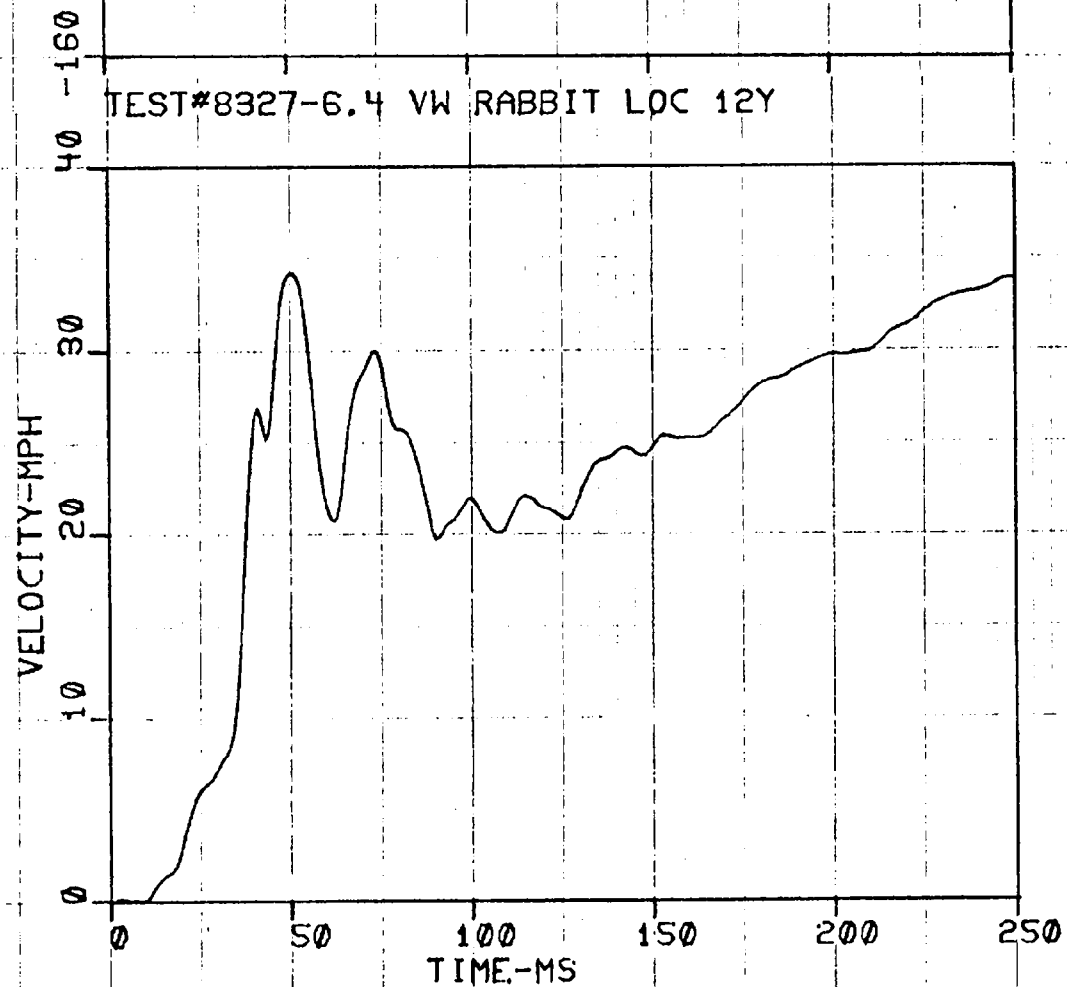


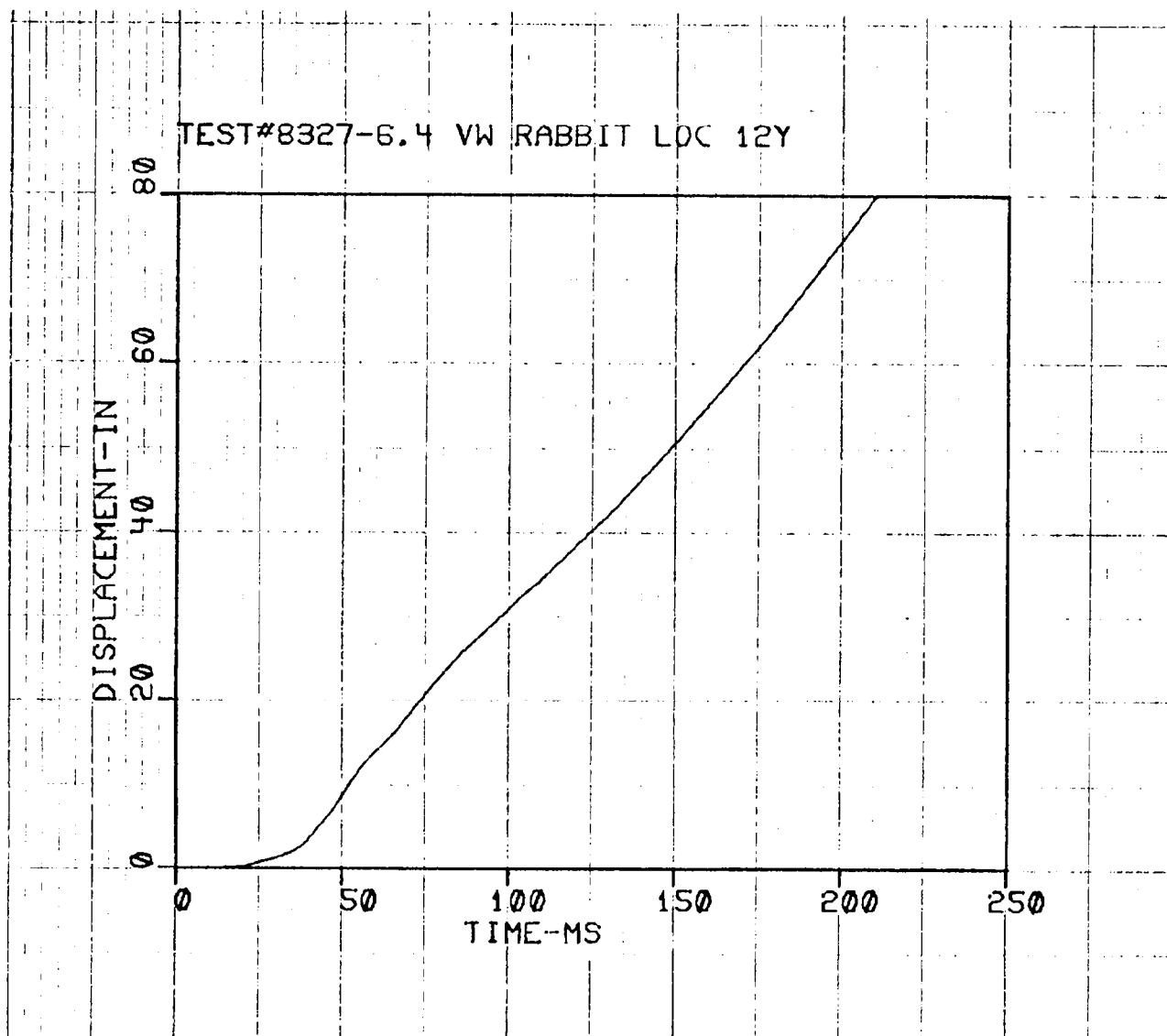


TEST#8327-6.4 VW RABBIT LOC 12Y

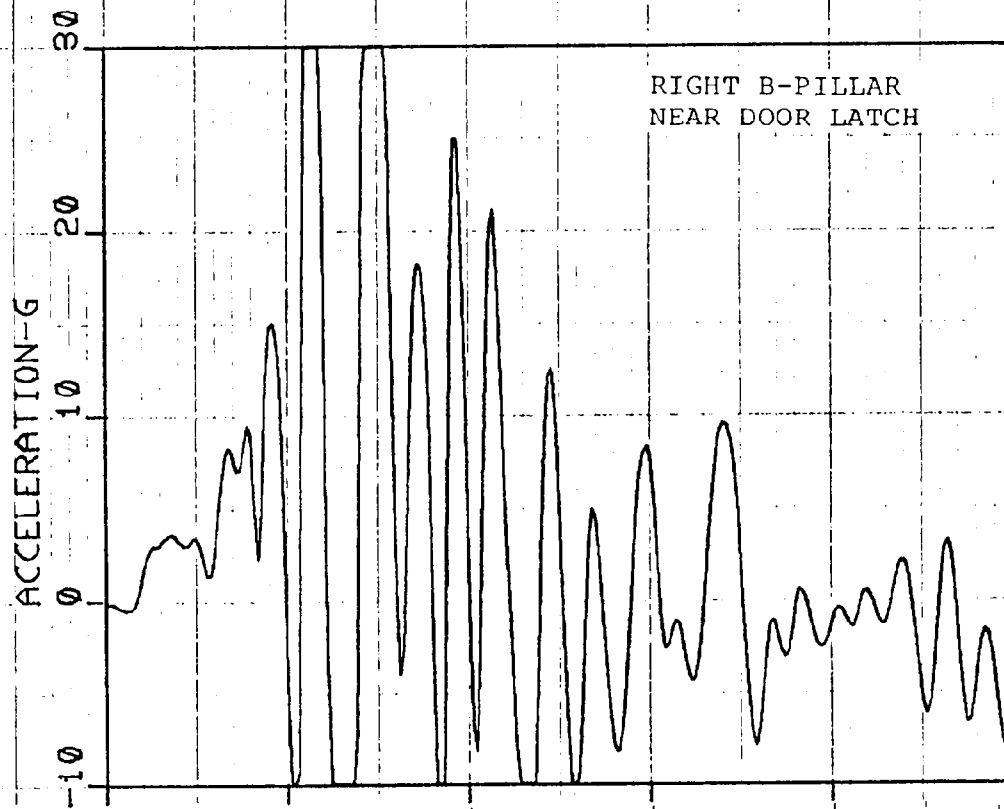


TEST#8327-6.4 VW RABBIT LOC 12Y

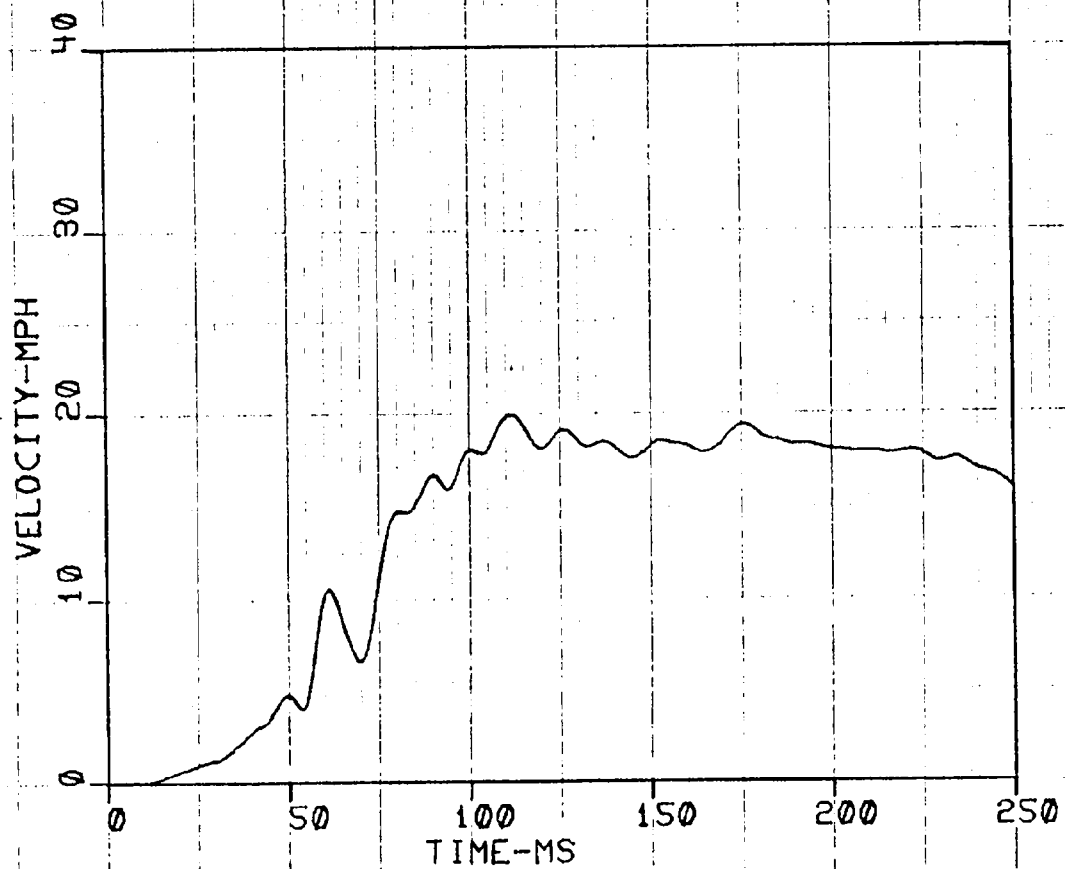


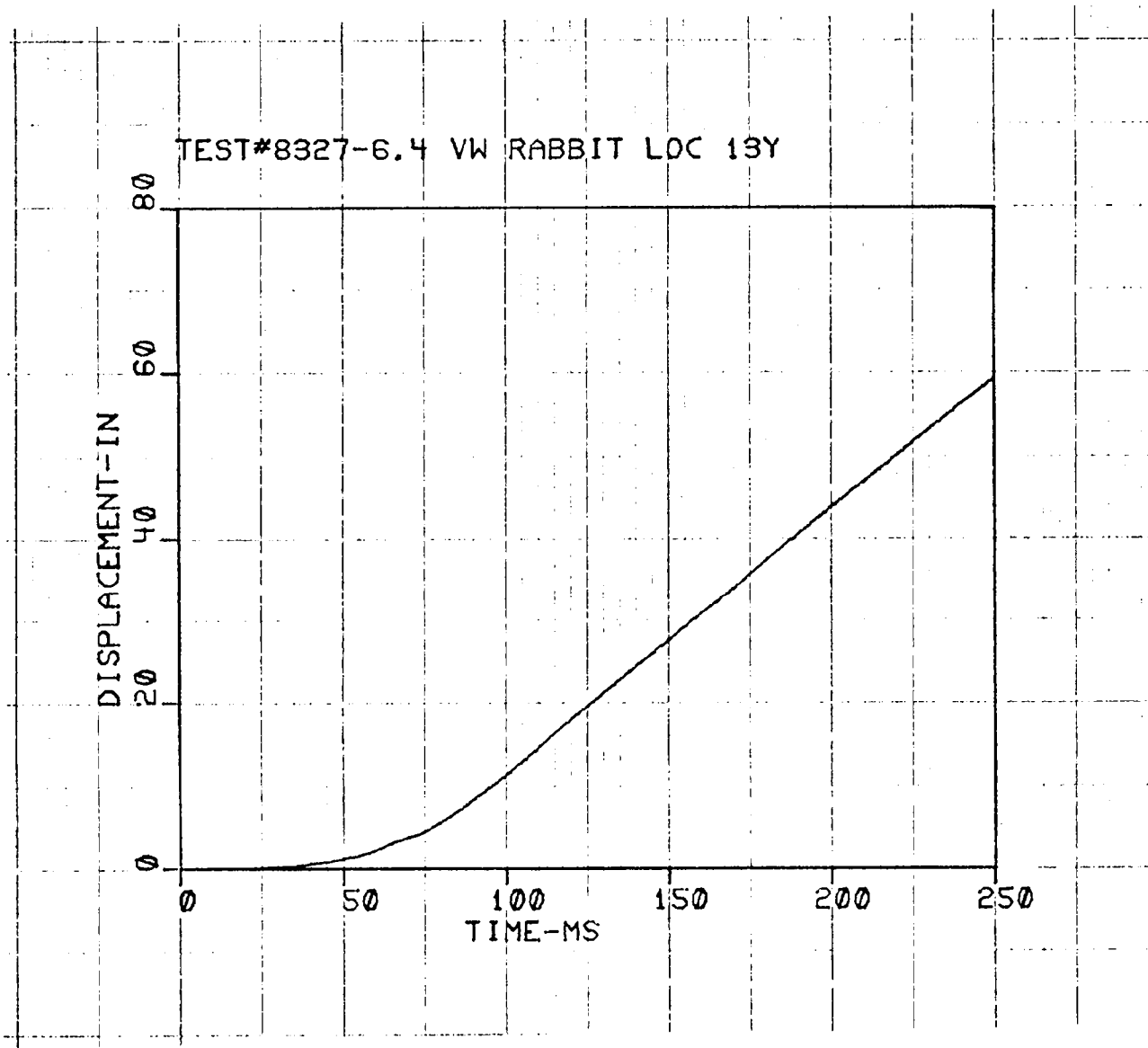


TEST#8327-6.4 VW RABBIT LOC 13Y

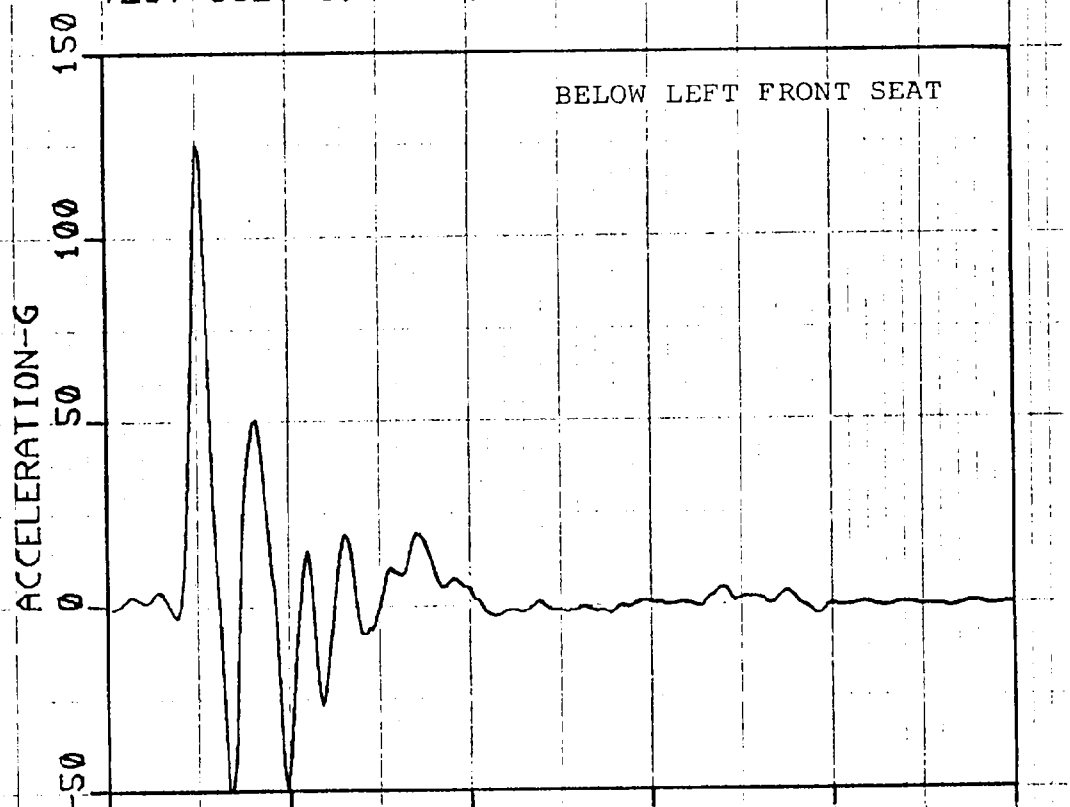


TEST#8327-6.4 VW RABBIT LOC 13Y

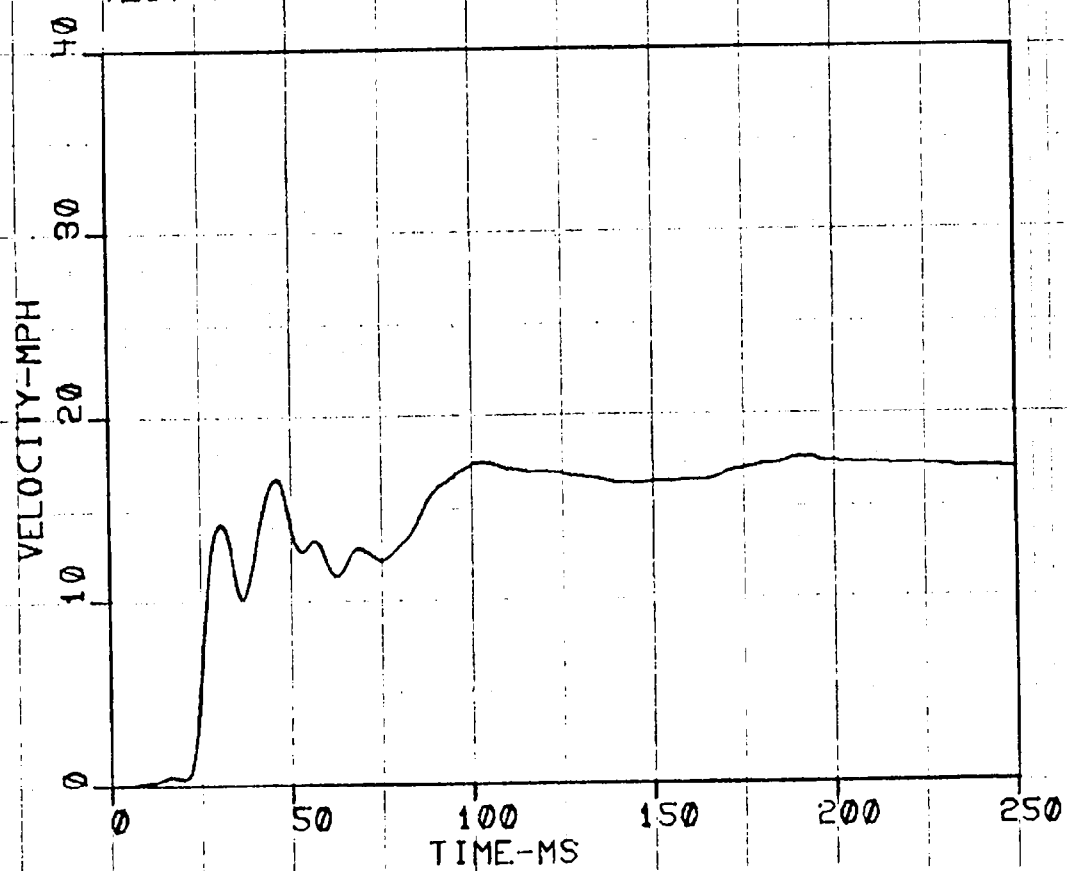


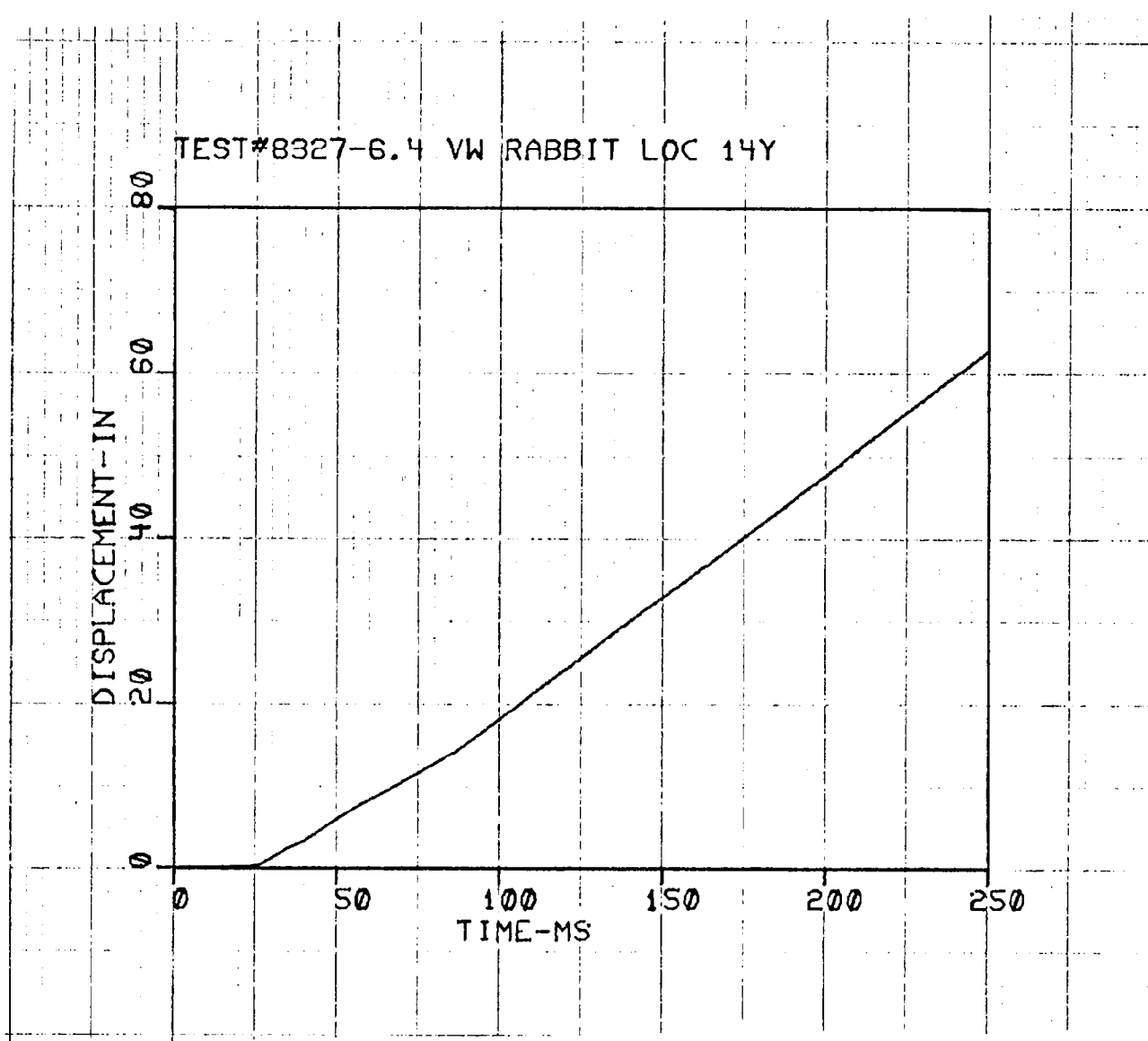


TEST#8327-6.4 VW RABBIT LOC 14Y

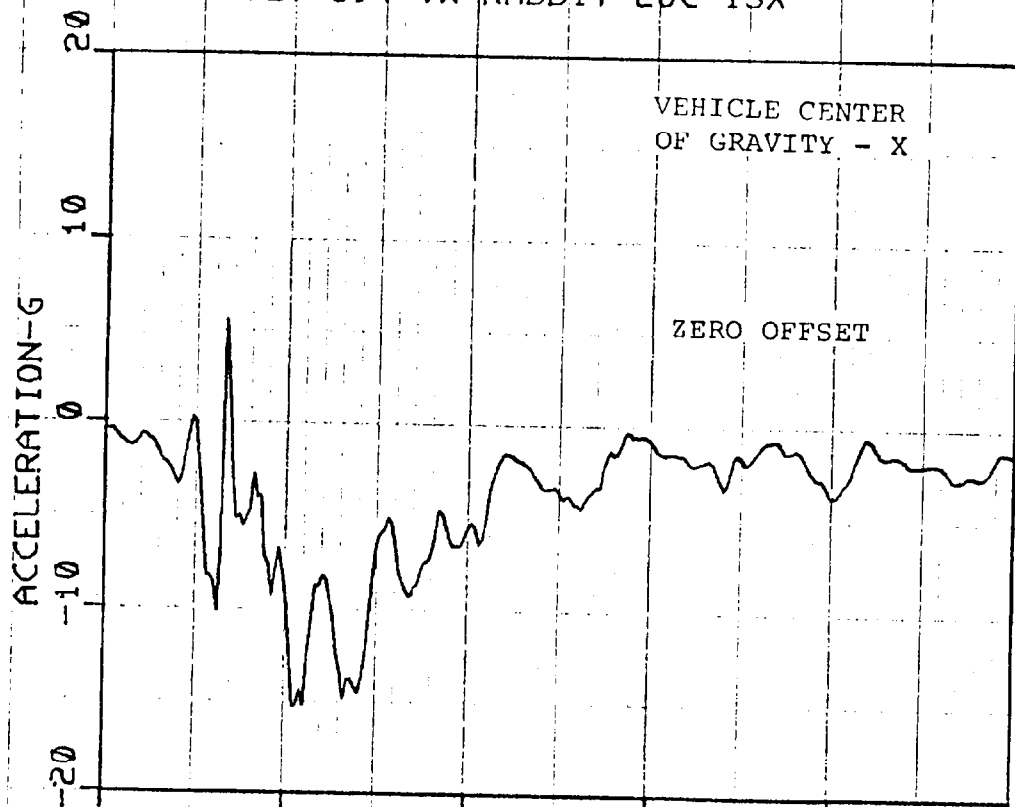


TEST#8327-6.4 VW RABBIT LOC 14Y

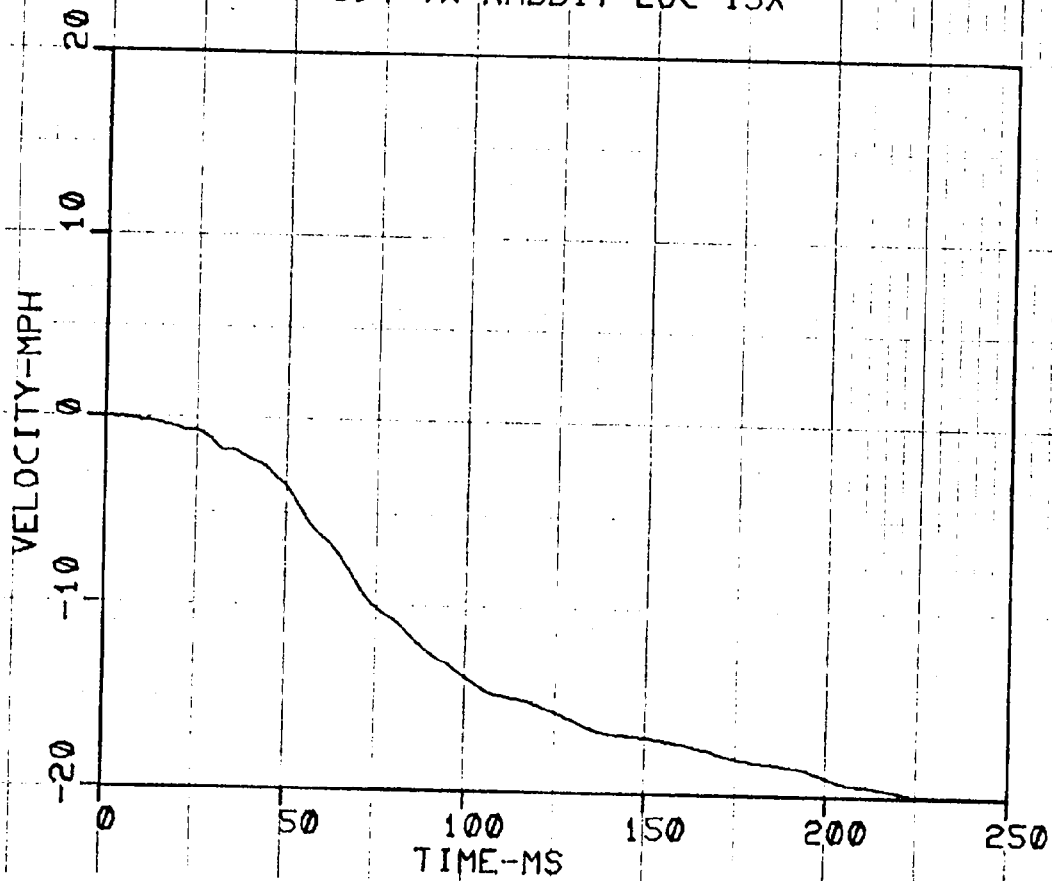


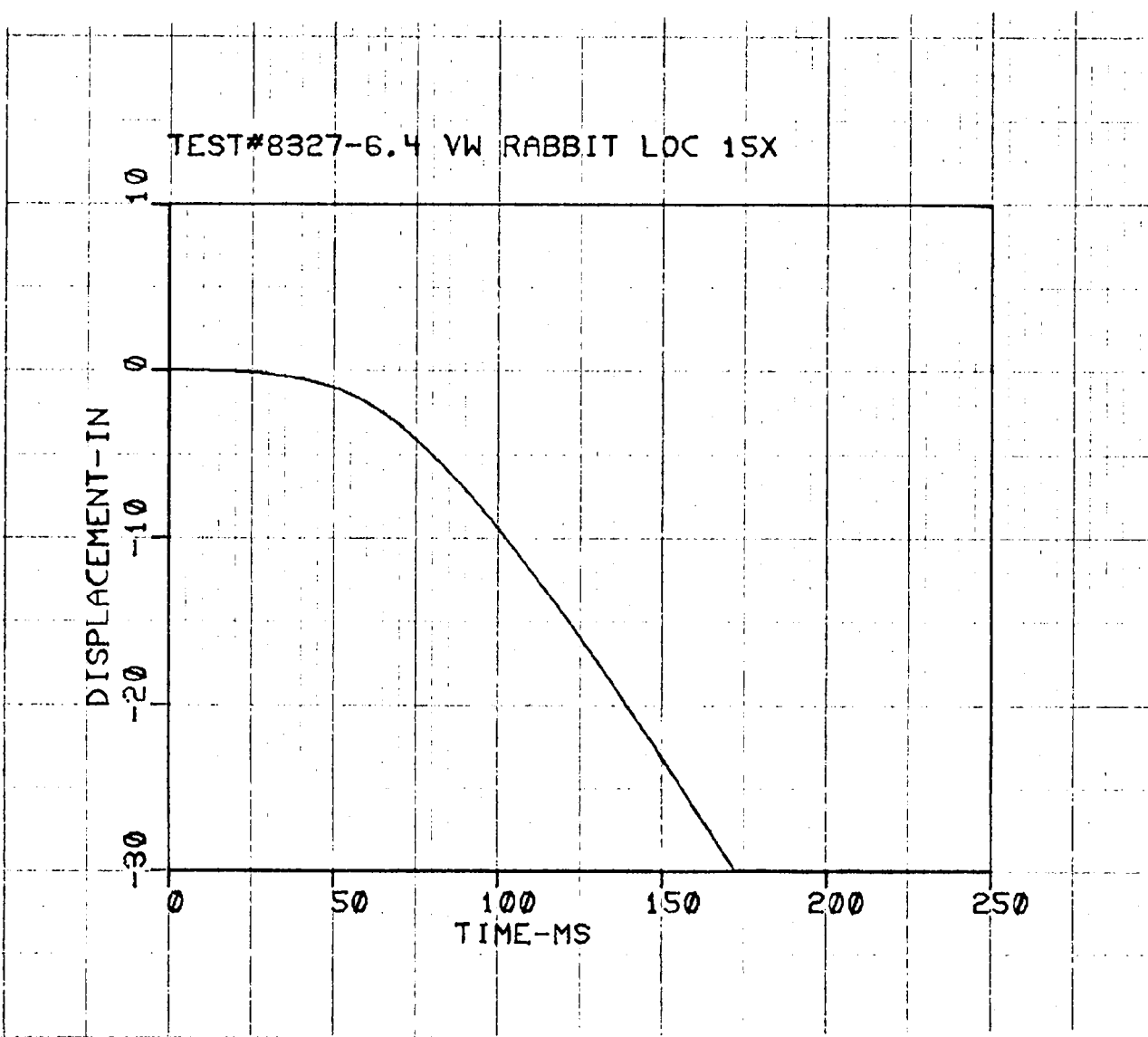


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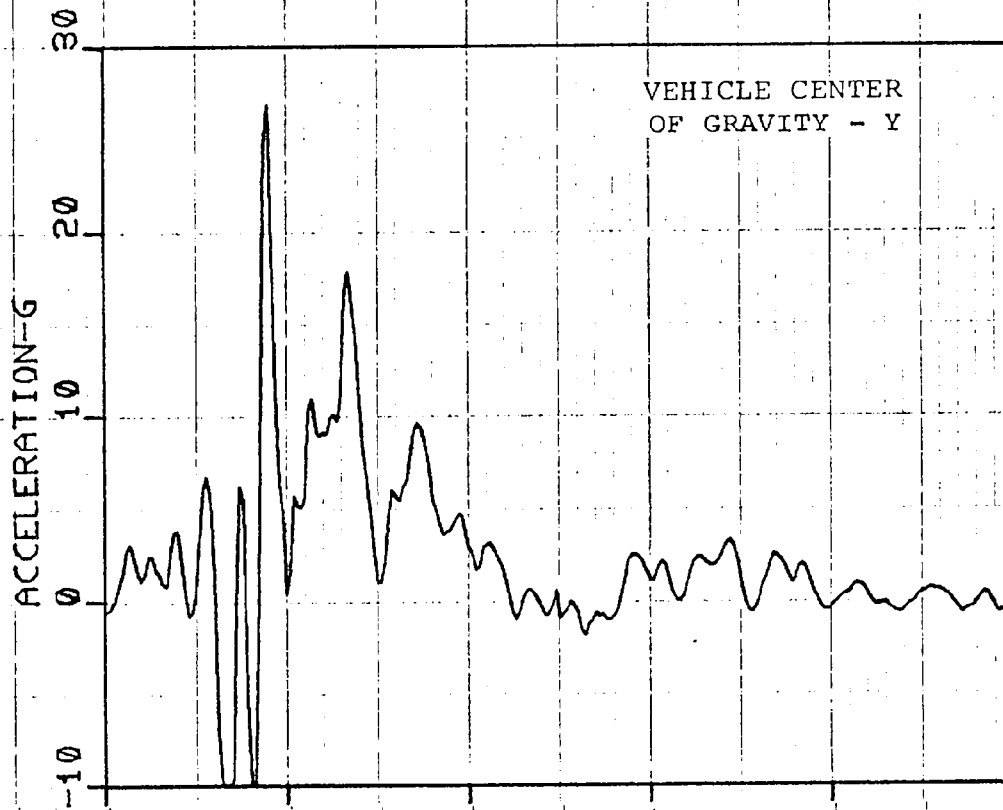


TEST#8327-6.4 VW RABBIT LOC 15X

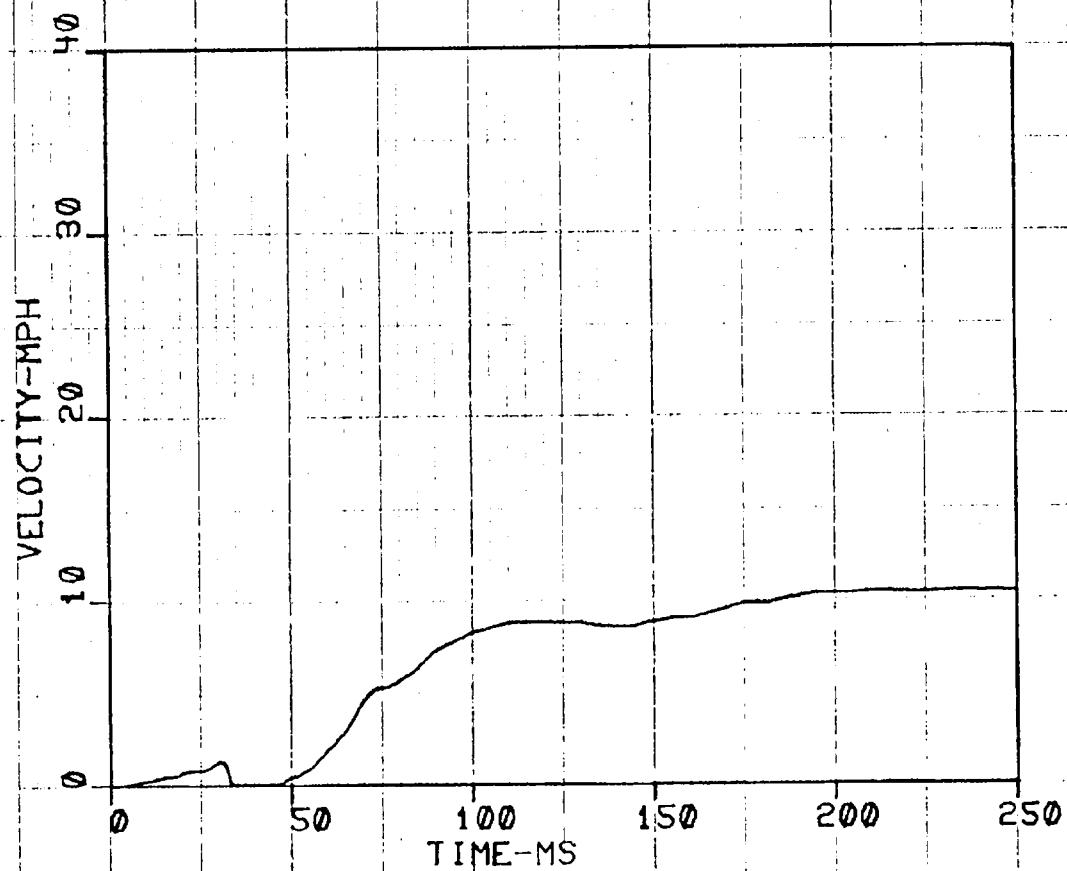


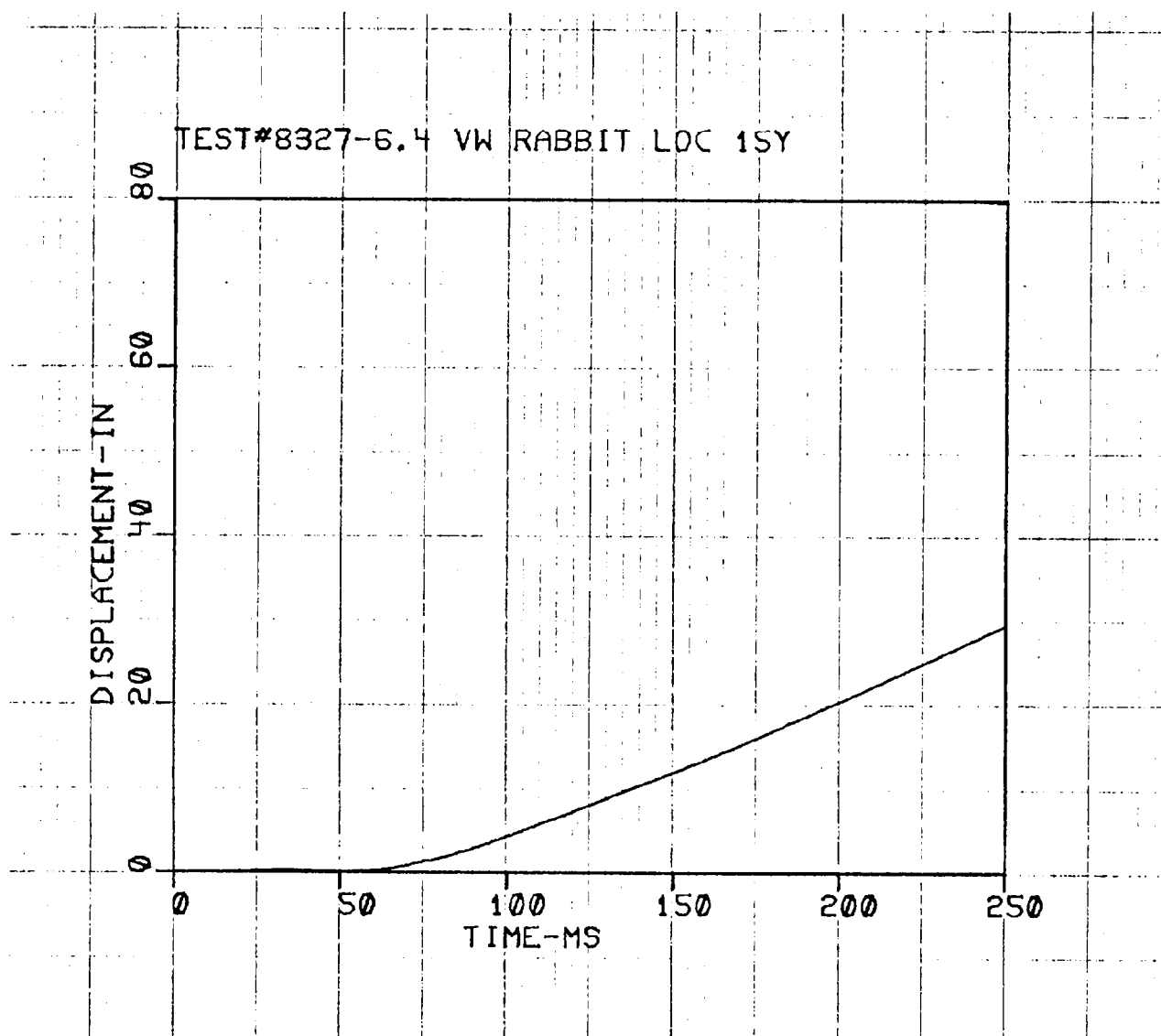


TEST#8327-6.4 VW RABBIT LOC 15Y

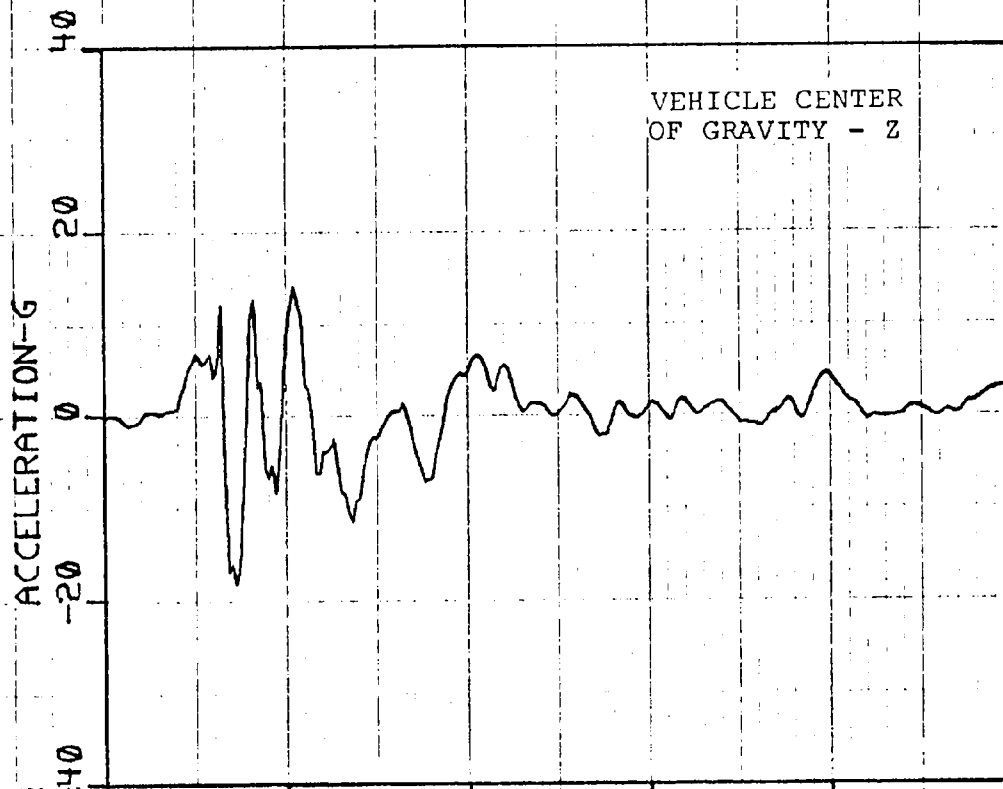


TEST#8327-6.4 VW RABBIT LOC 15Y

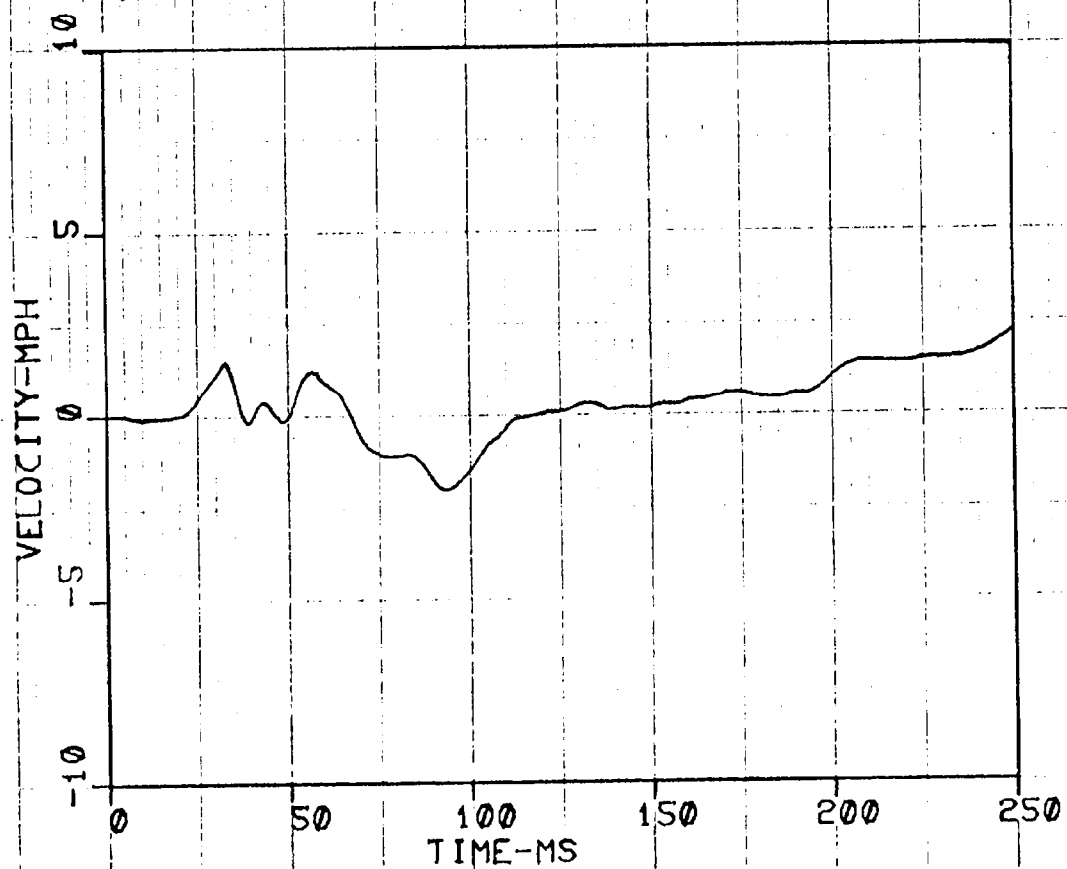


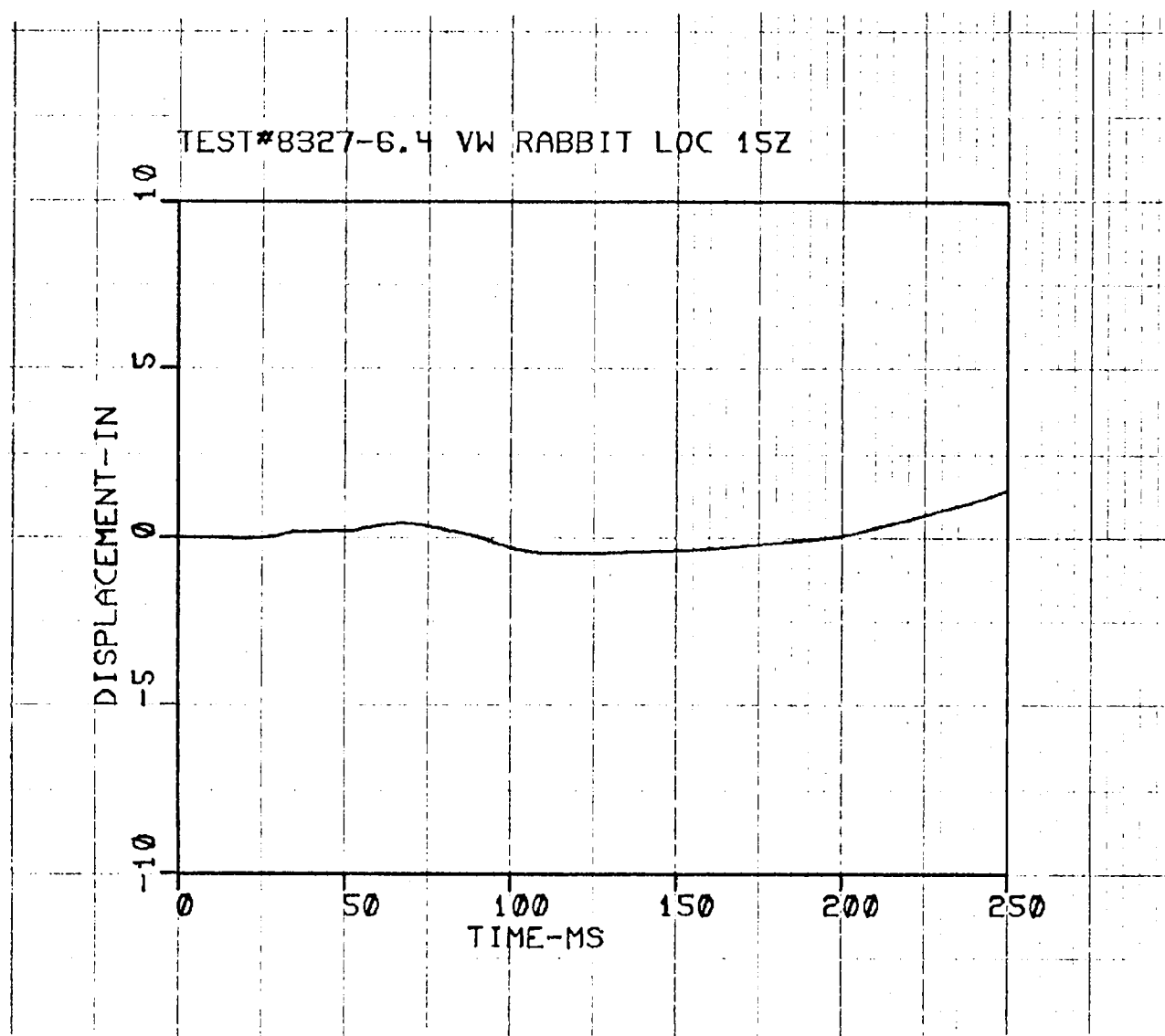


TEST#8327-6.4 VW RABBIT LOC 15Z

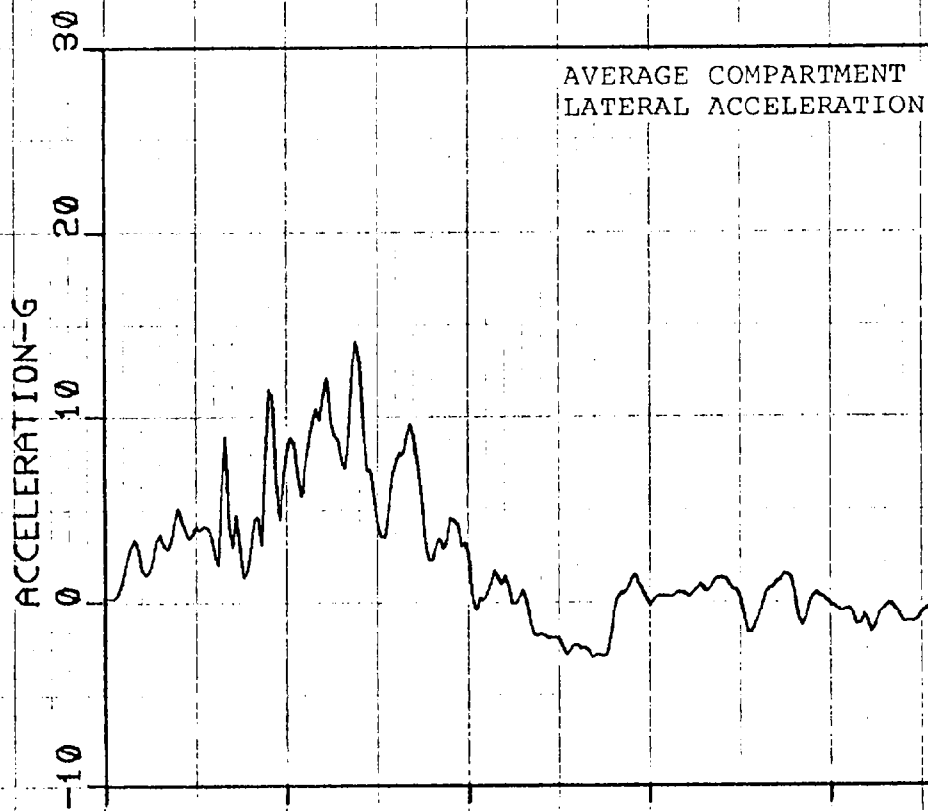


TEST#8327-6.4 VW RABBIT LOC 15Z

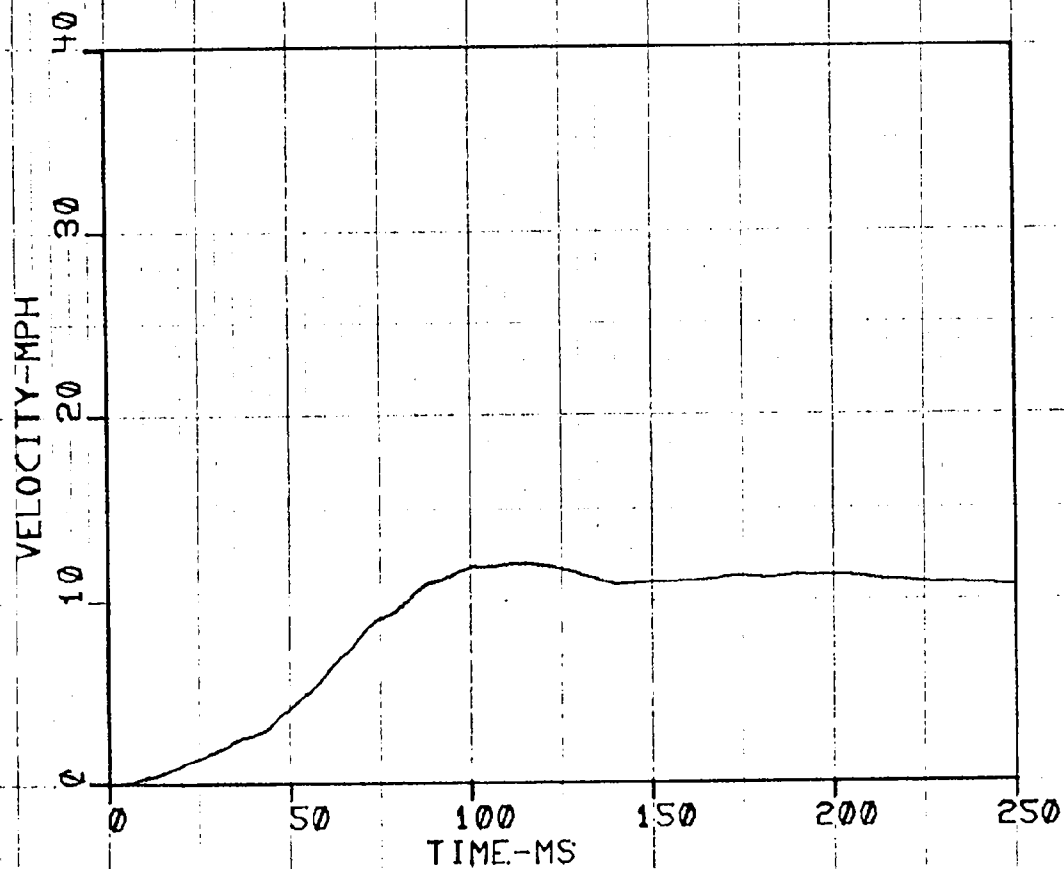


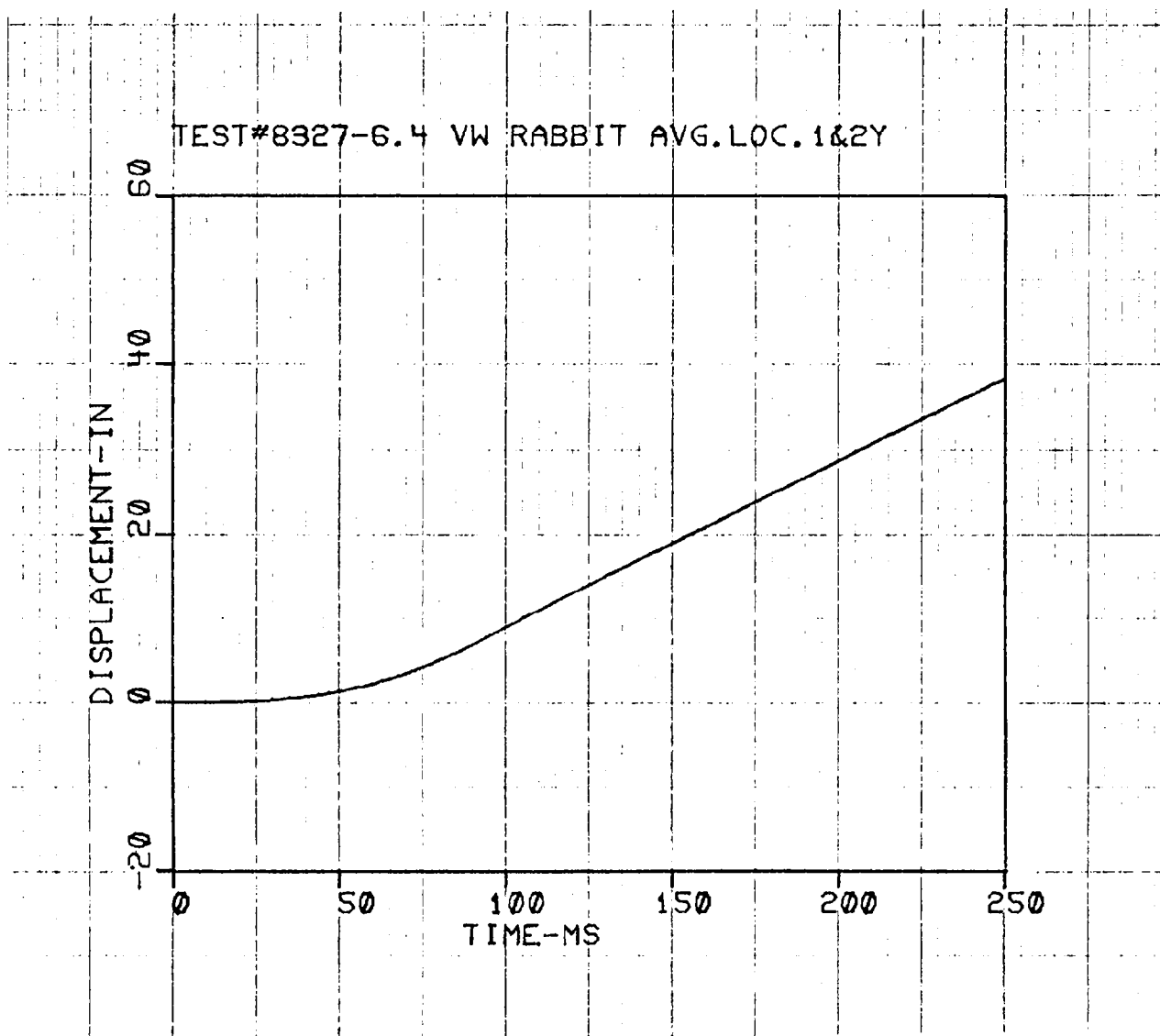


TEST#8327-6.4 VW RABBIT AVG.LOC.1&2Y

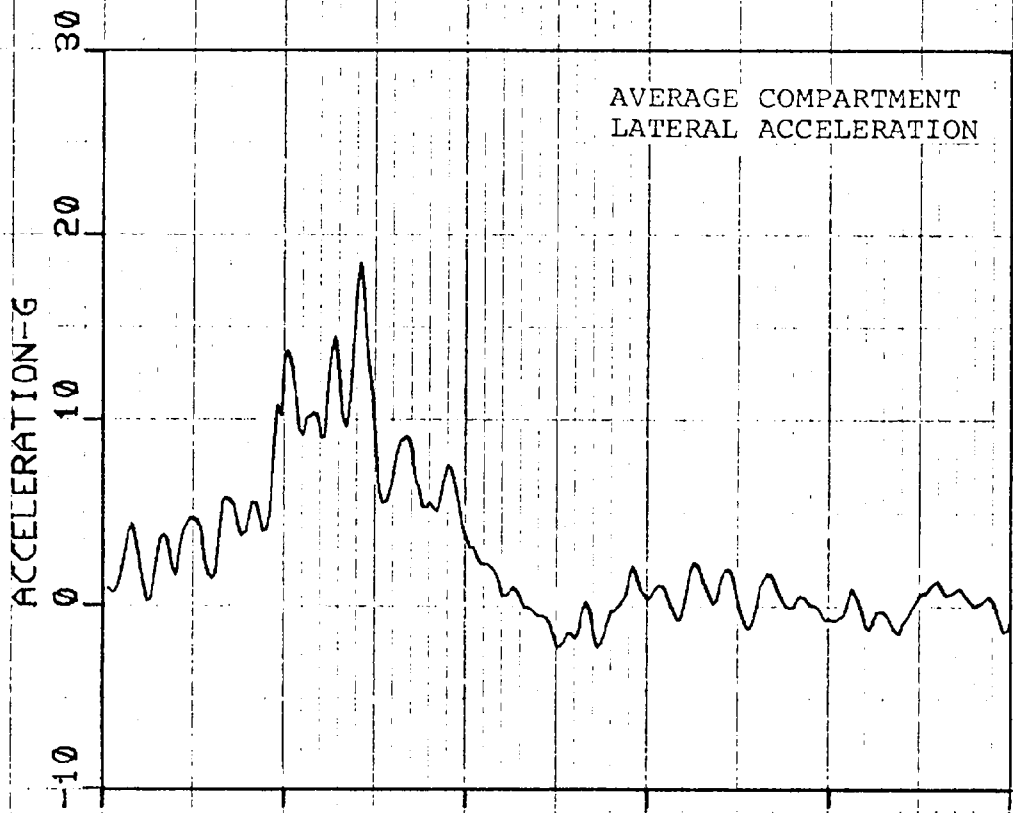


TEST#8327-6.4 VW RABBIT AVG.LOC.1&2Y

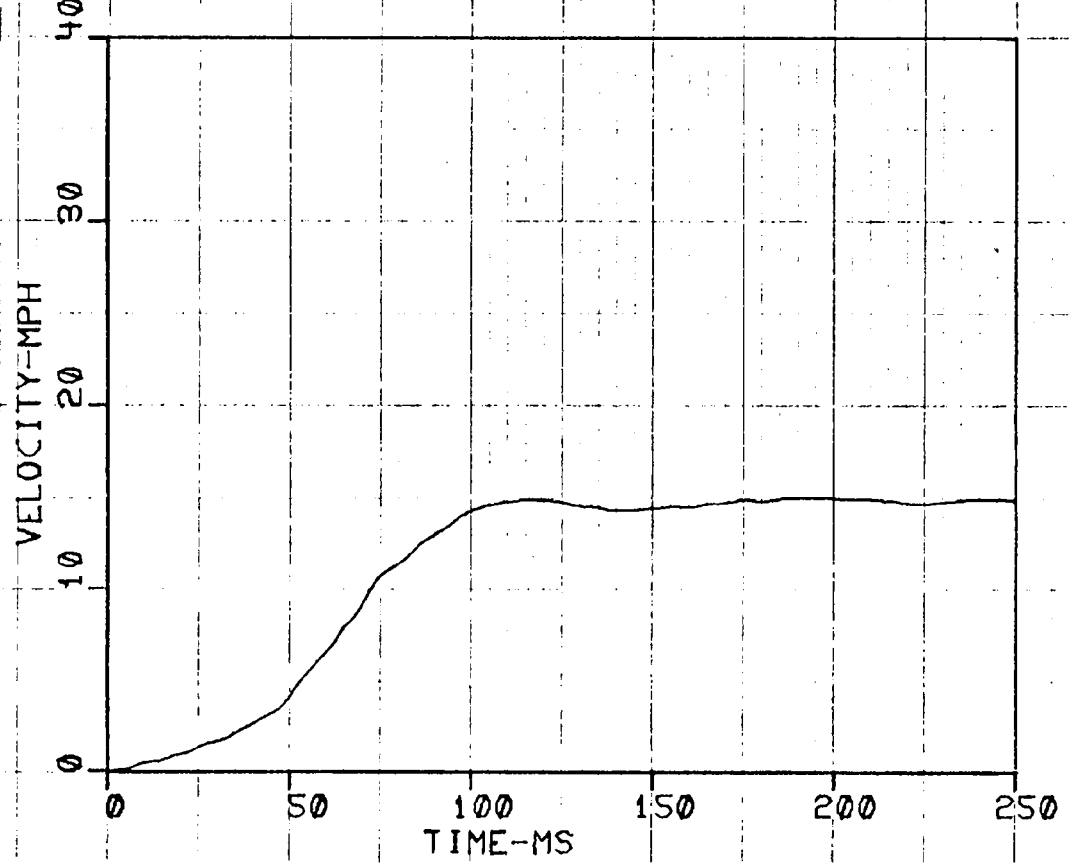


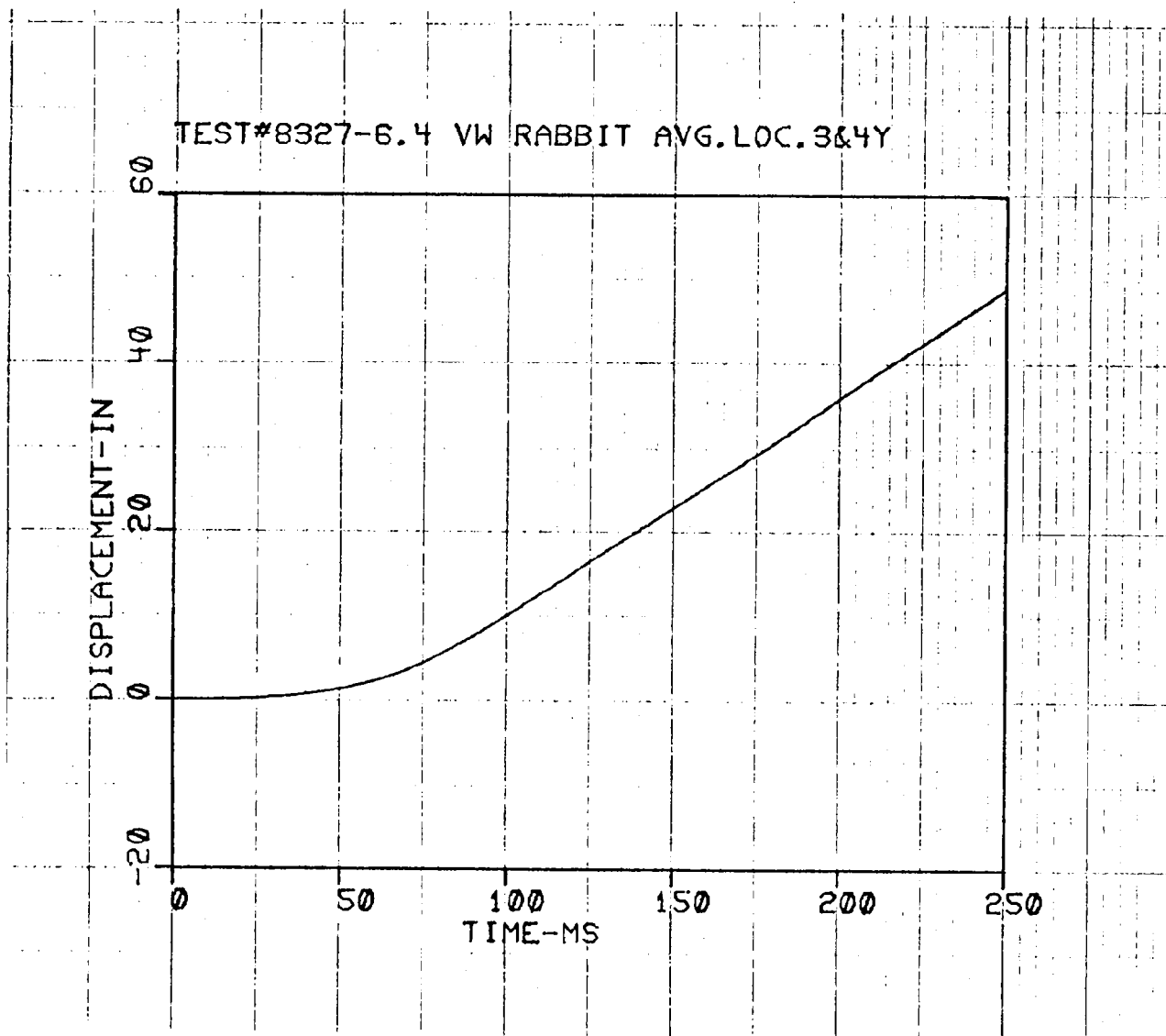


TEST#8327-6.4 VW RABBIT AVG.LOC.3&4Y

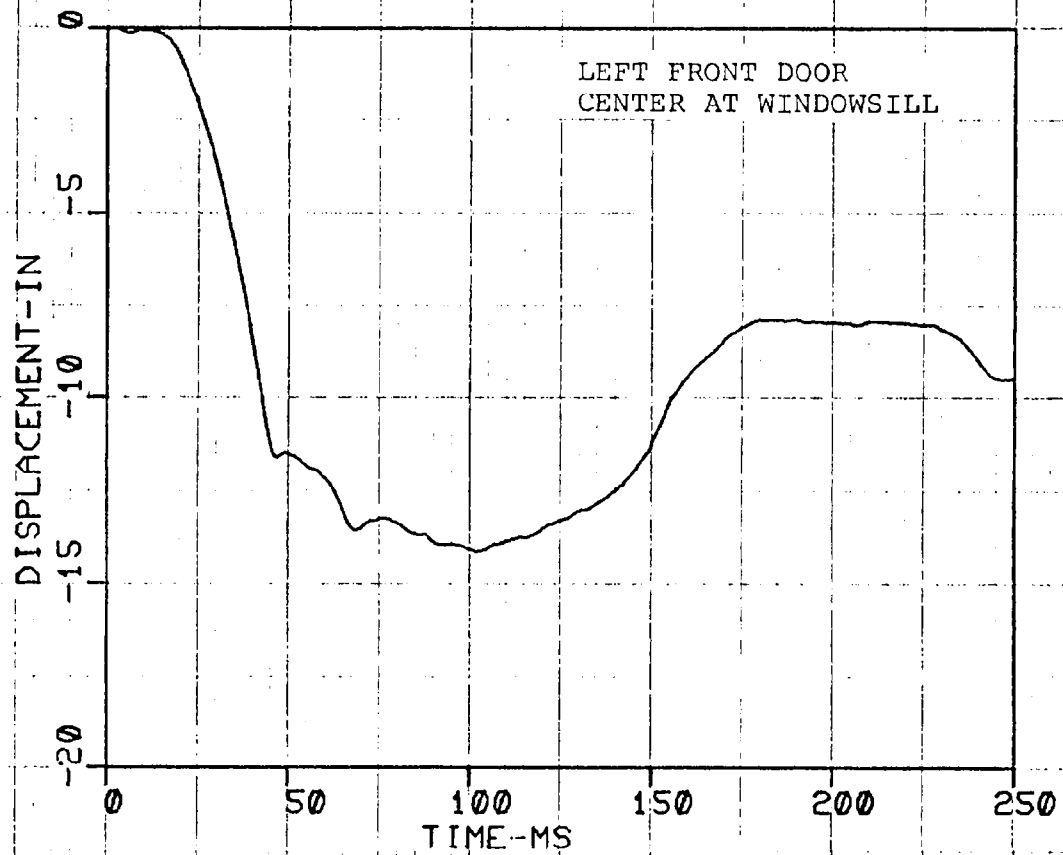


TEST#8327-6.4 VW RABBIT AVG.LOC.3&4Y

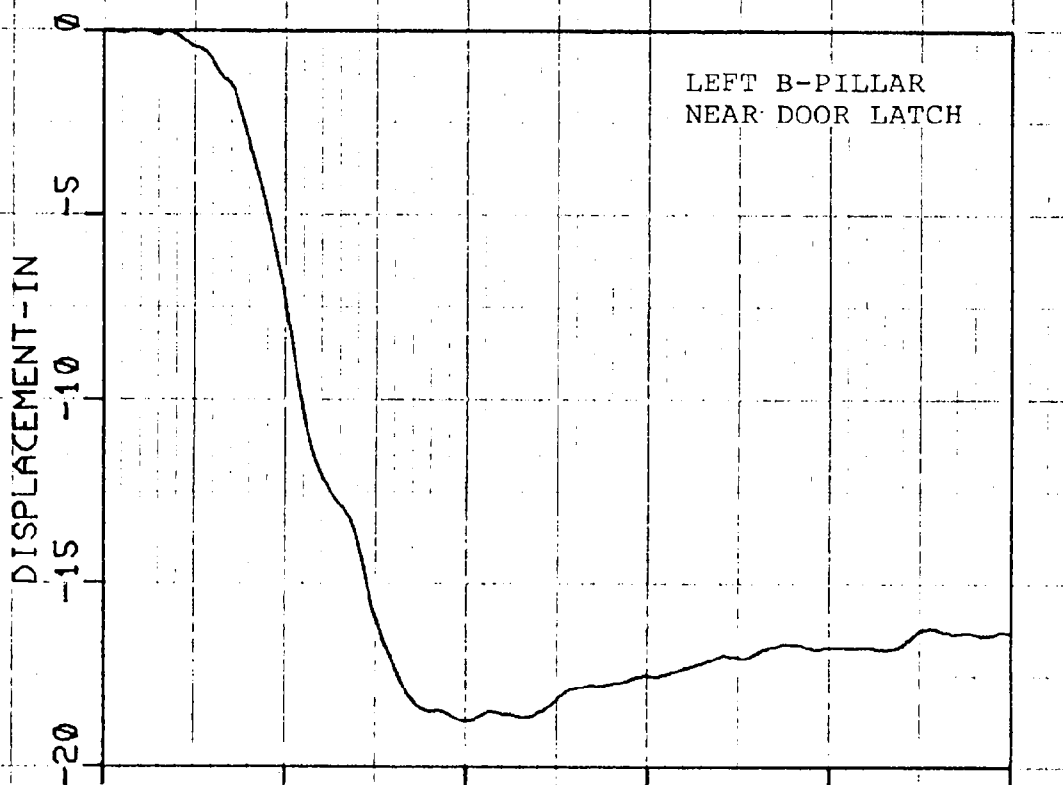




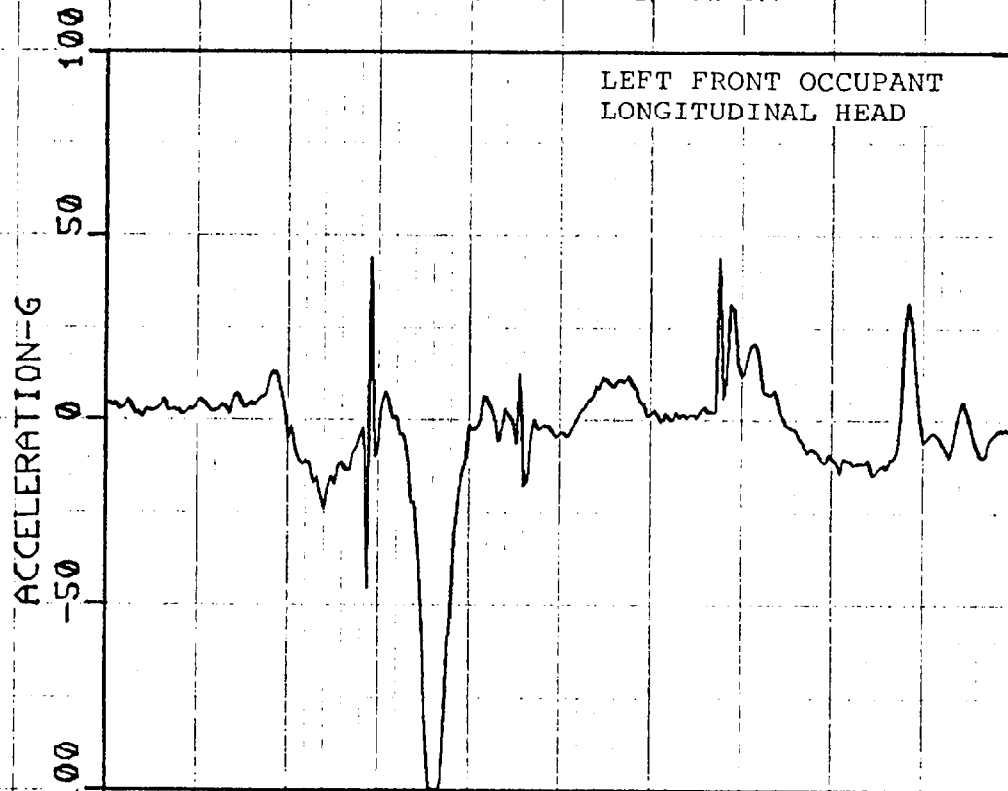
TEST#8327-6.4 VW RABBIT S.P.#1



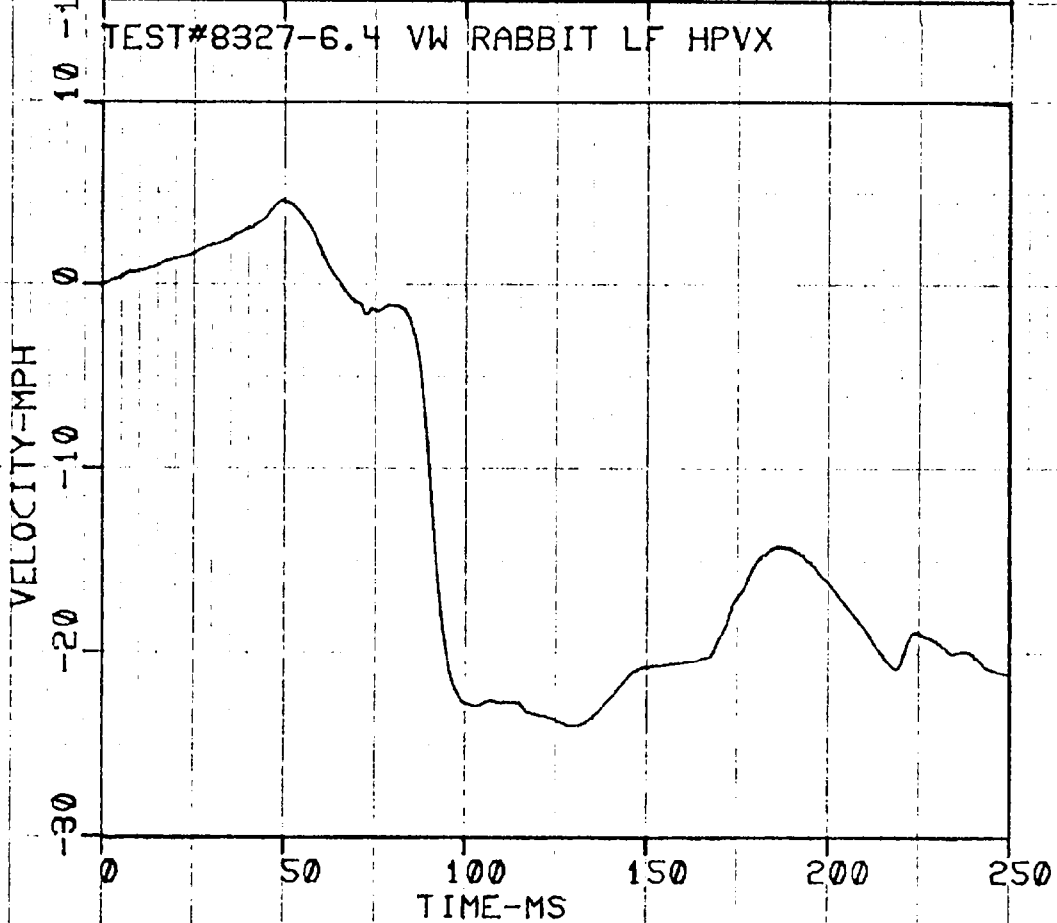
TEST#8327-6.4 VW RABBIT D.T.#2

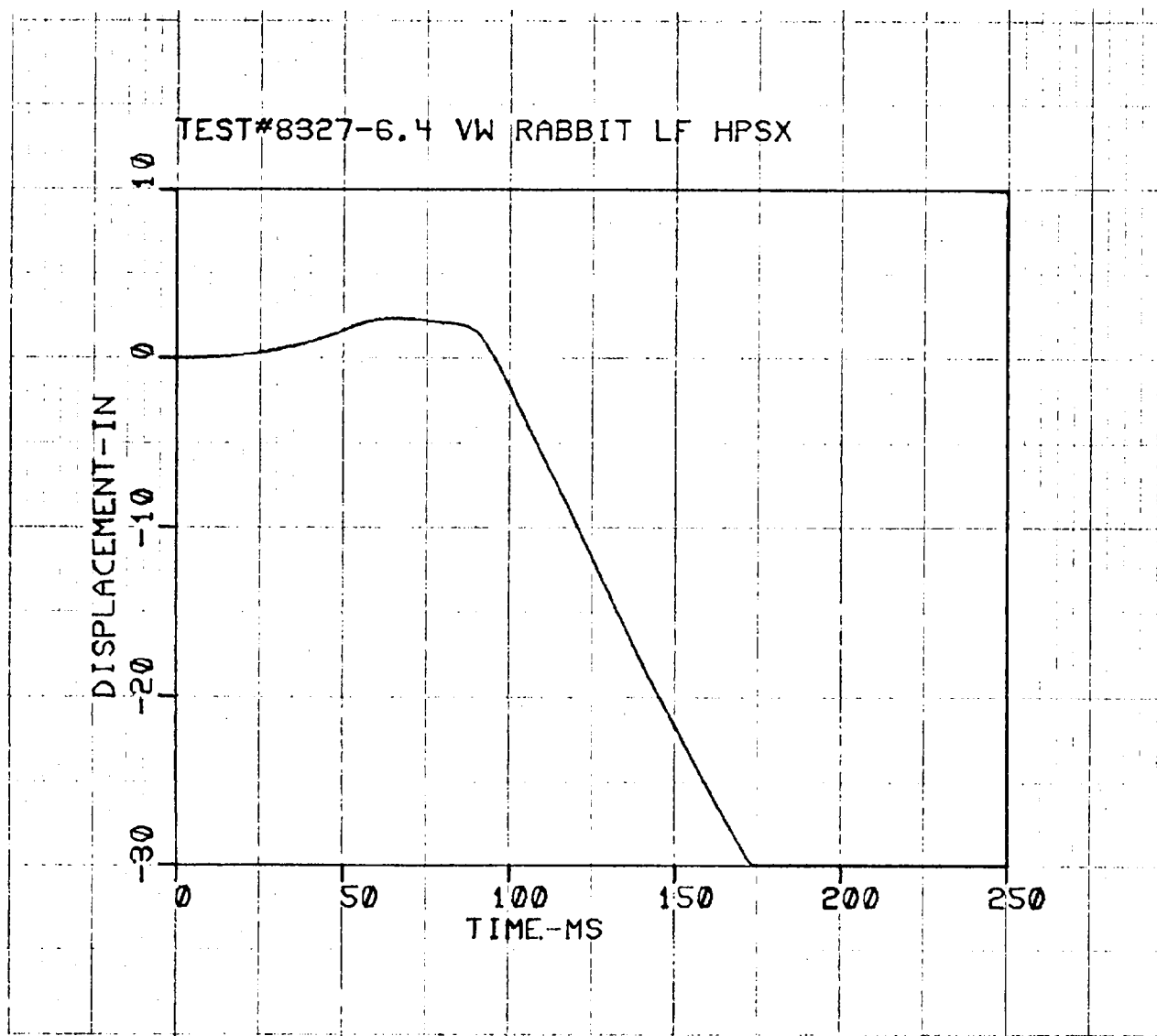


TEST#8327-6.4 VW RABBIT LF HPGX

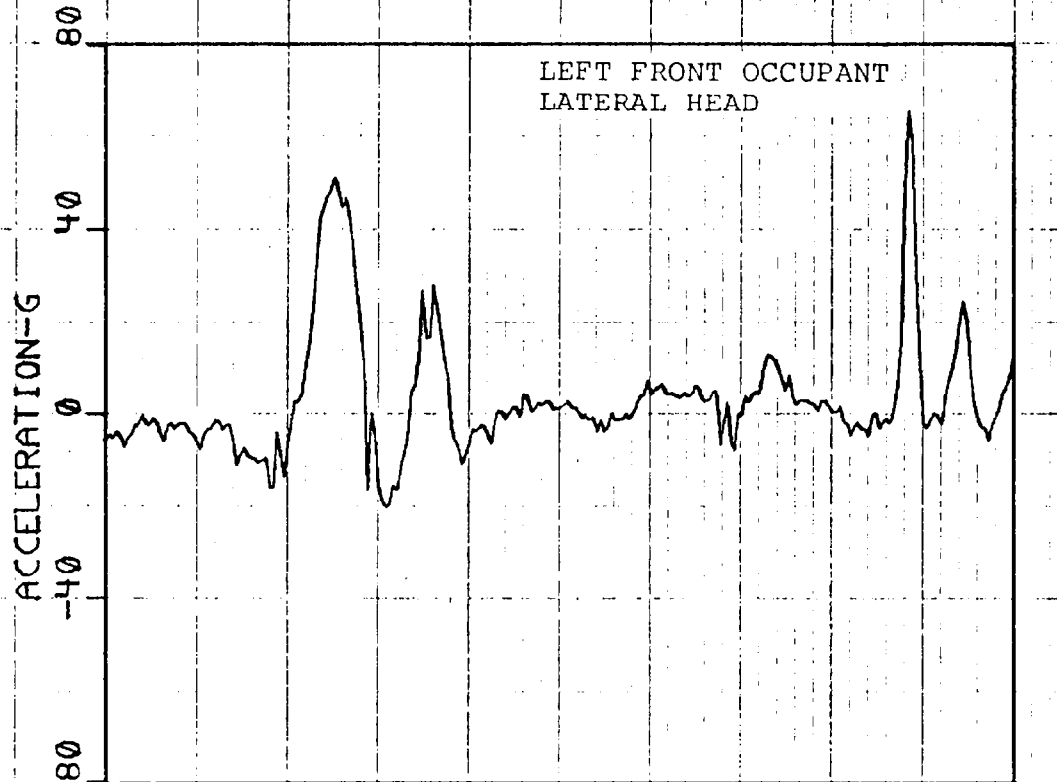


TEST#8327-6.4 VW RABBIT LF HPVX

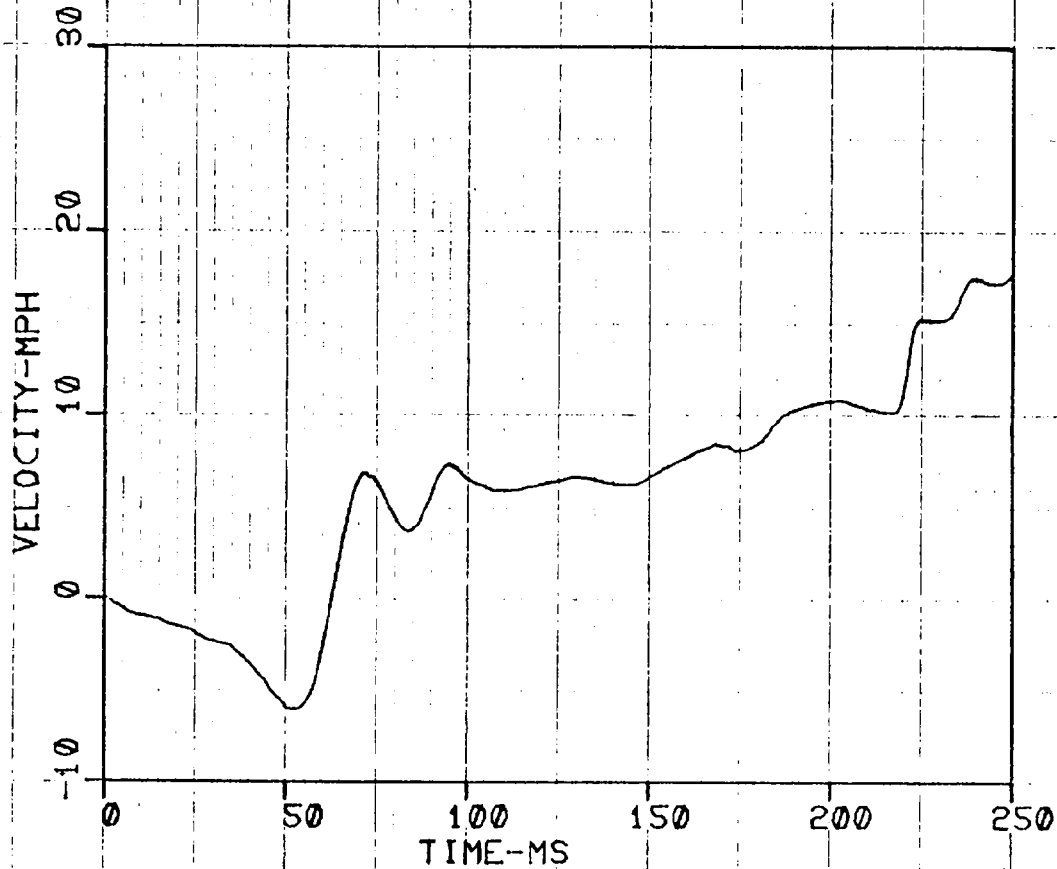


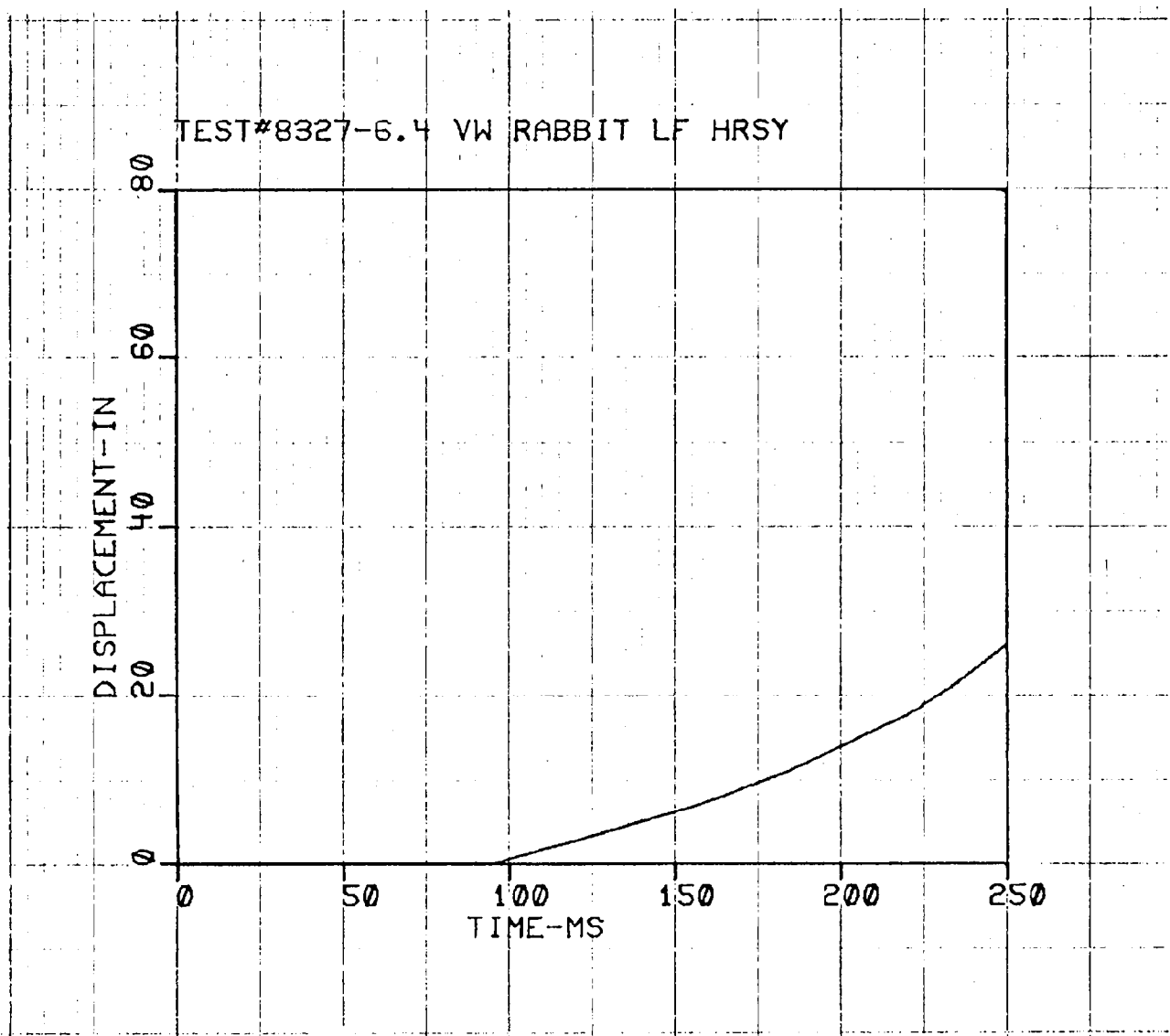


TEST#8327-6.4 VW RABBIT LF HRGY

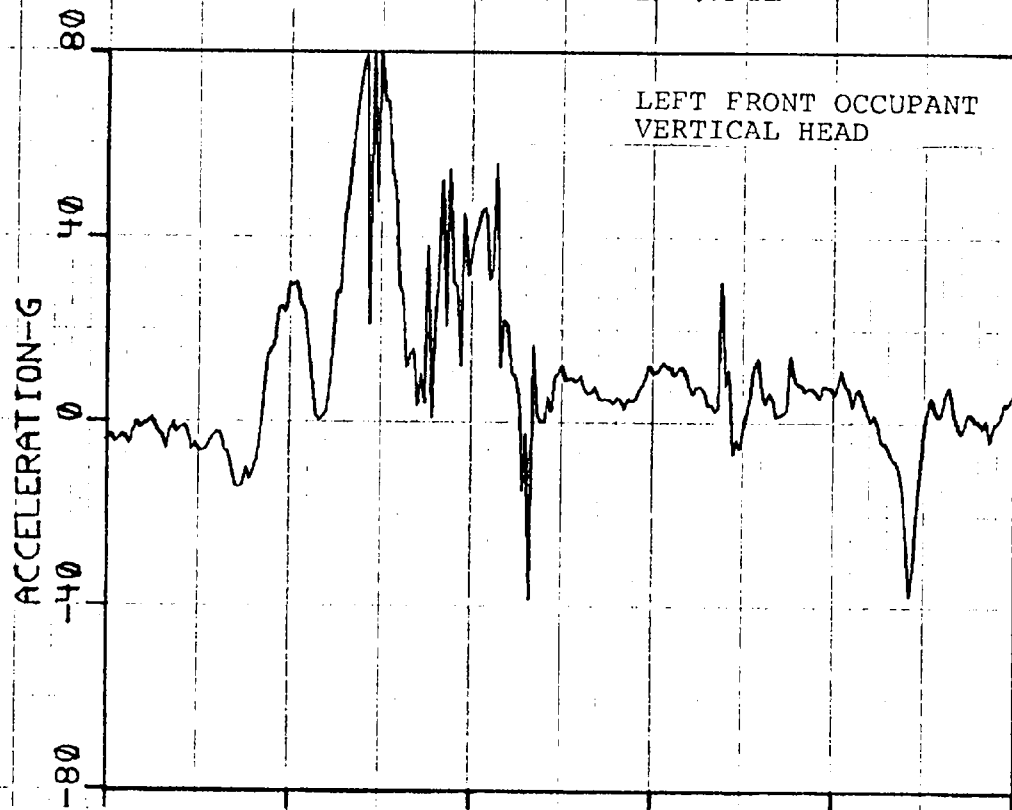


TEST#8327-6.4 VW RABBIT LF HRVY

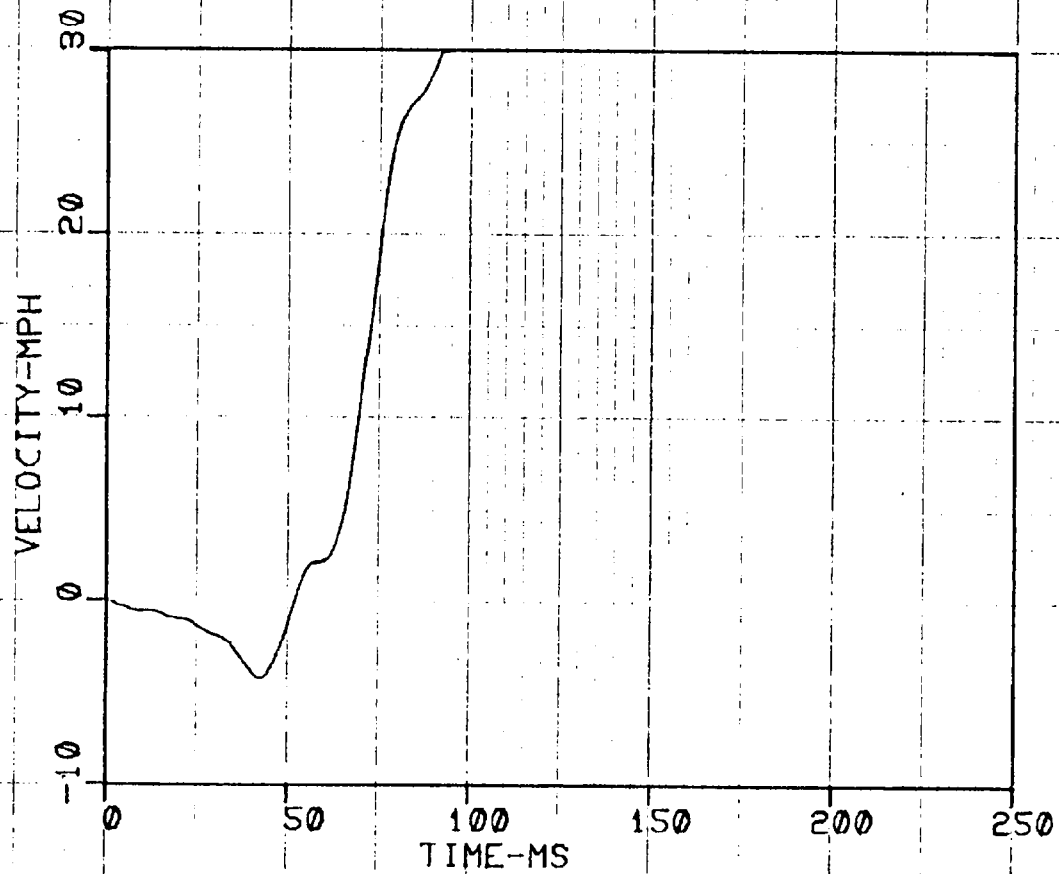


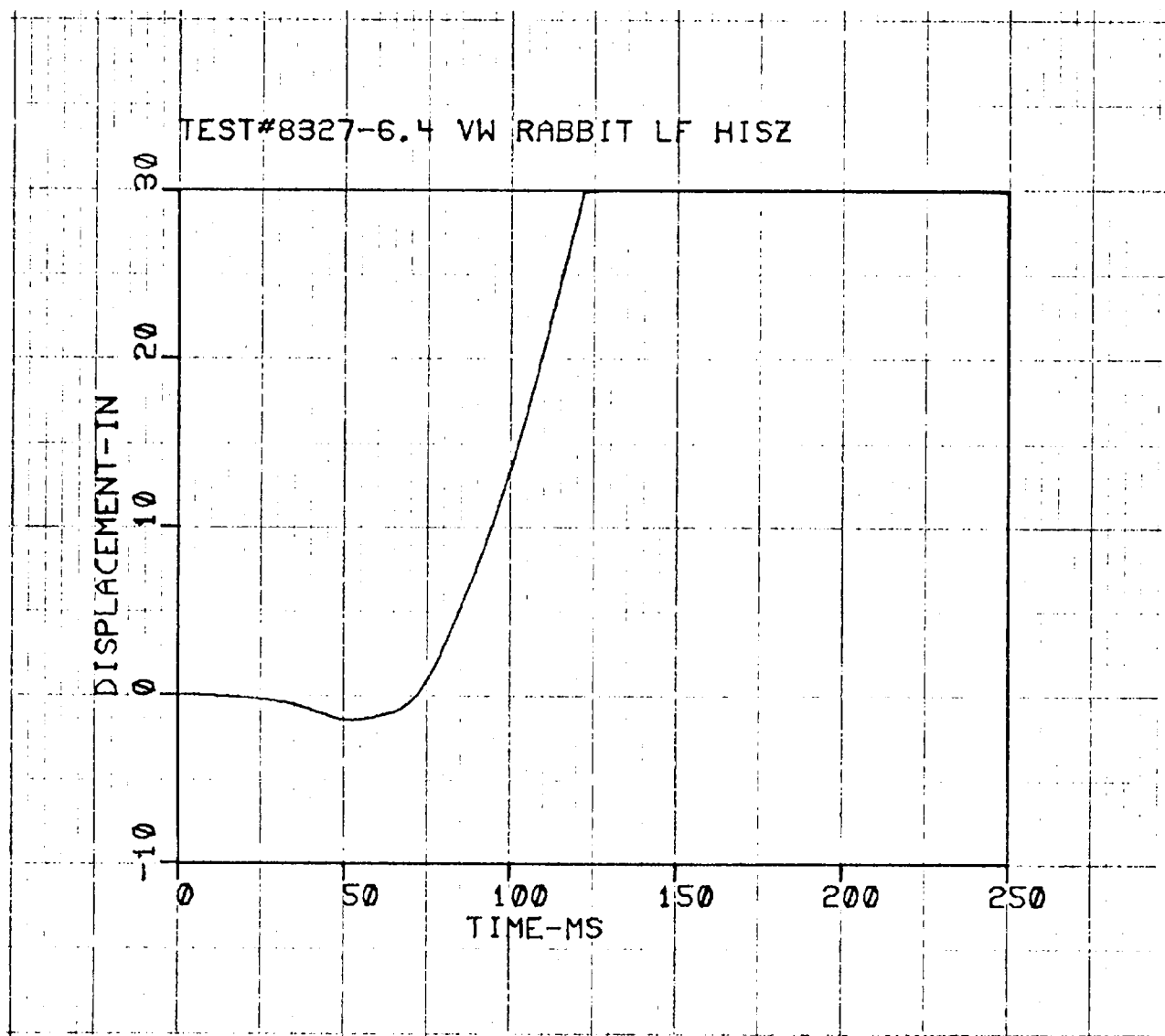


TEST#8327-6.4 VW RABBIT LF HIGZ

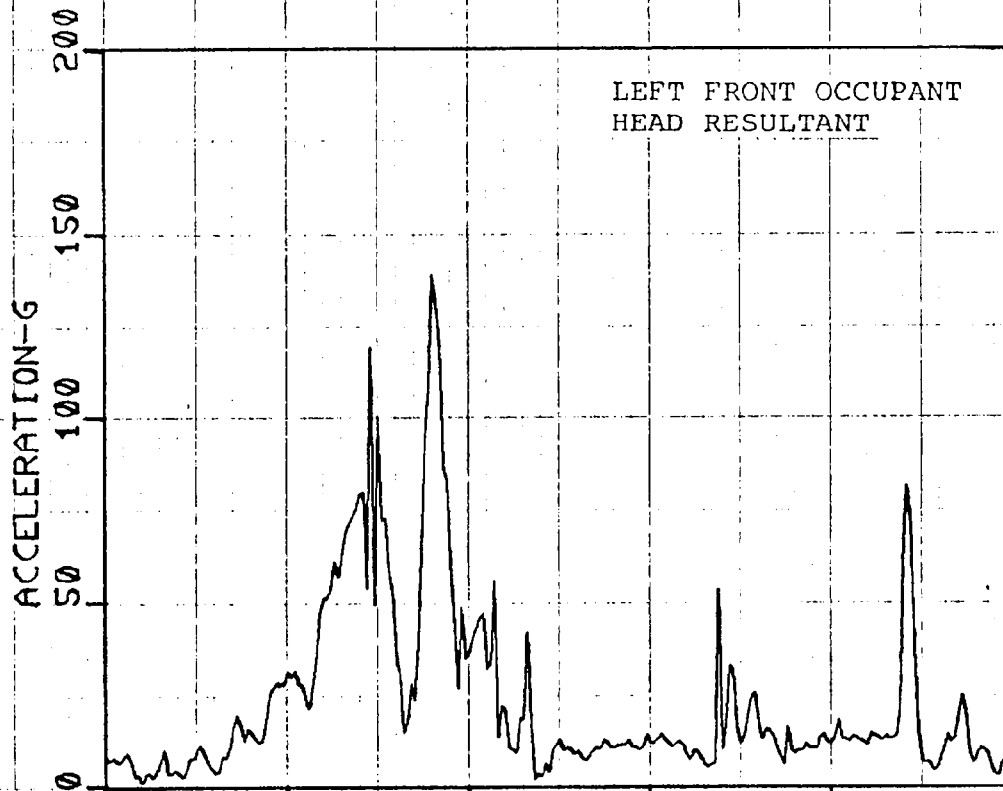


TEST#8327-6.4 VW RABBIT LF HIVZ

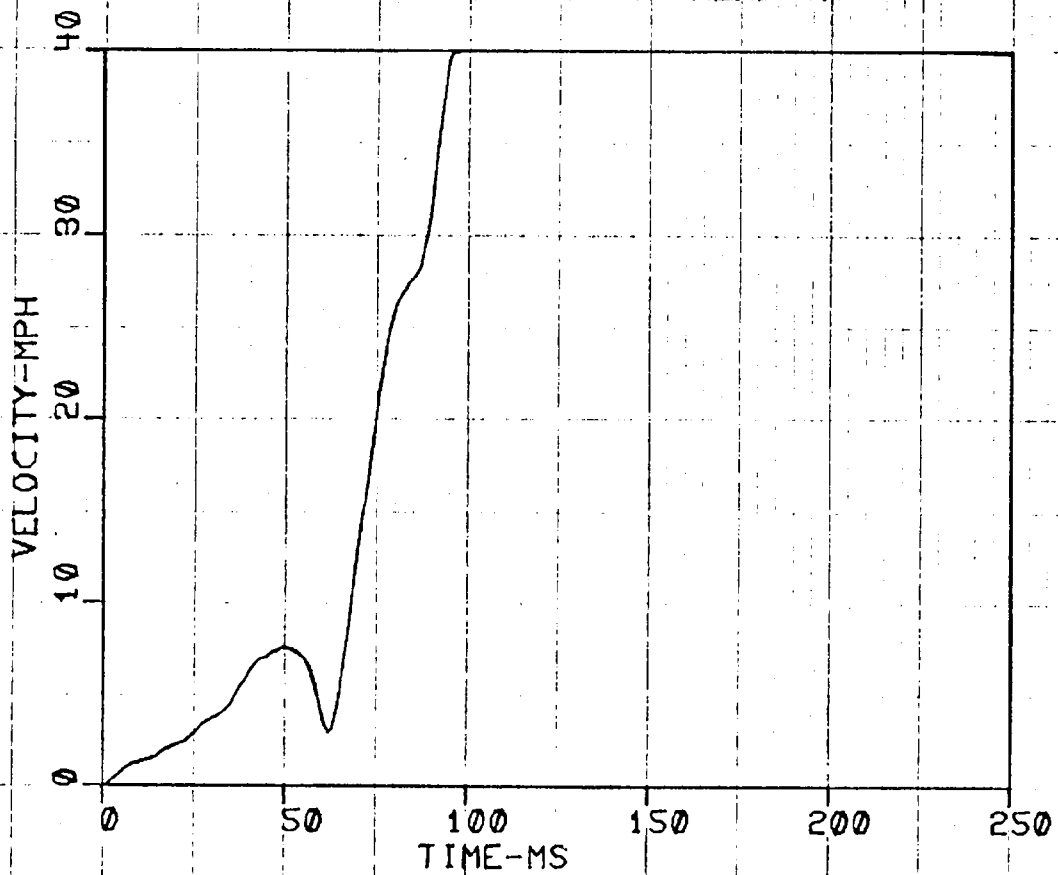


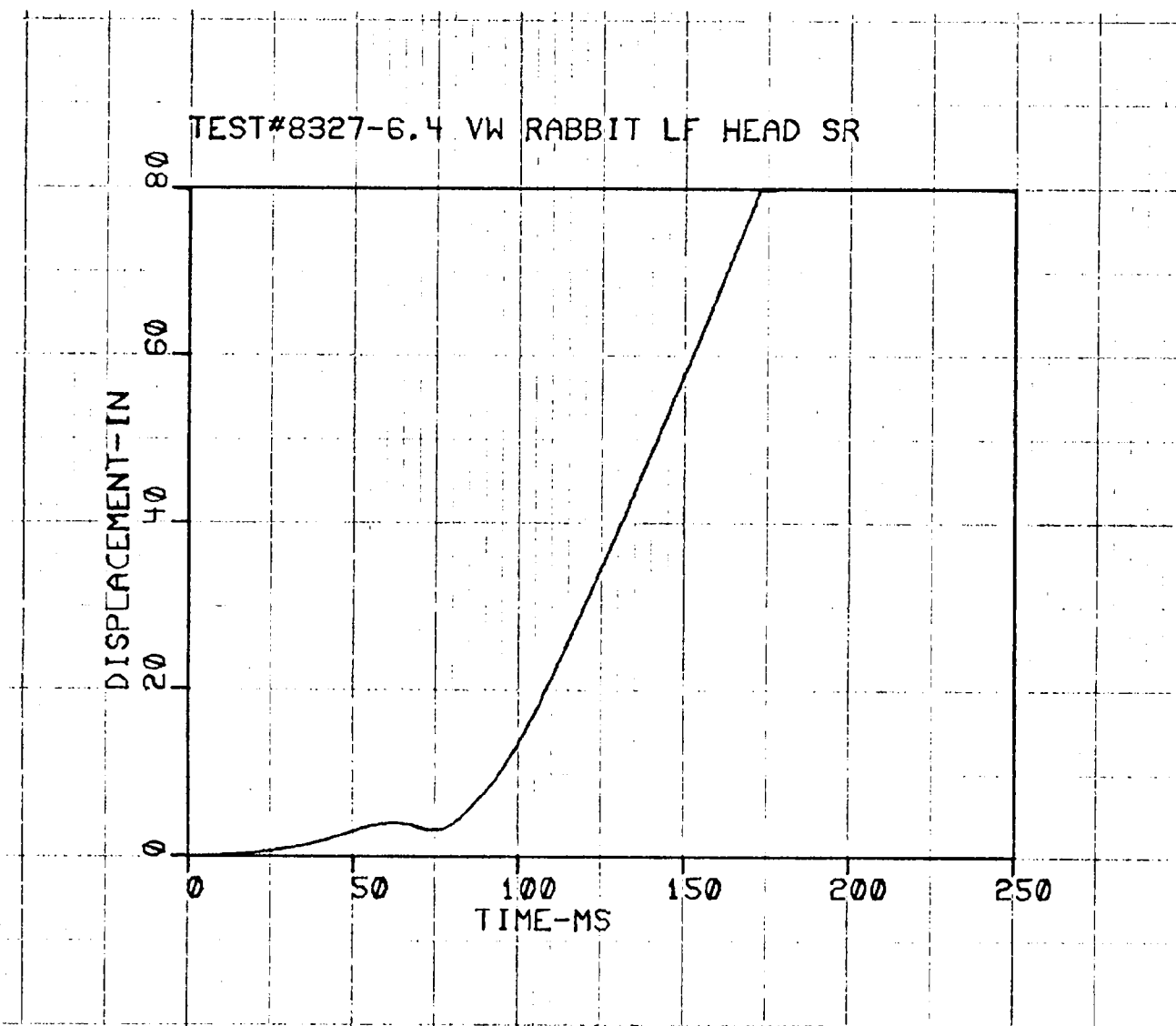


TEST#8327-6.4 VW RABBIT LF HEAD AR

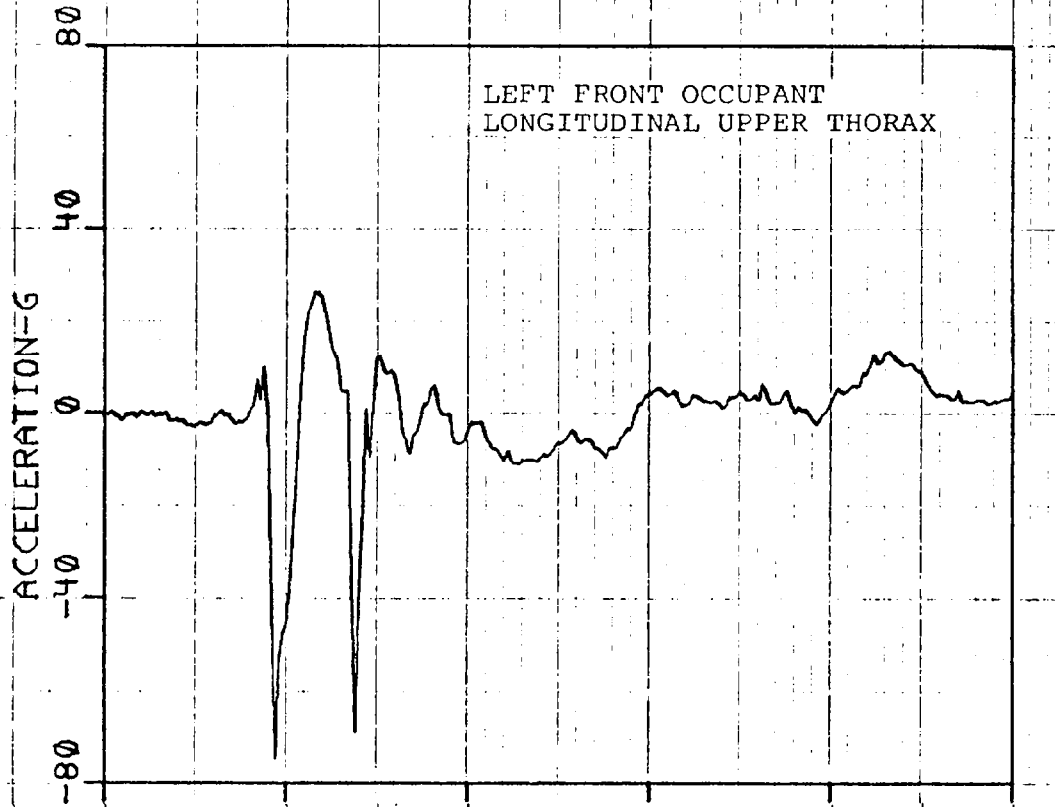


TEST#8327-6.4 VW RABBIT LF HEAD VR

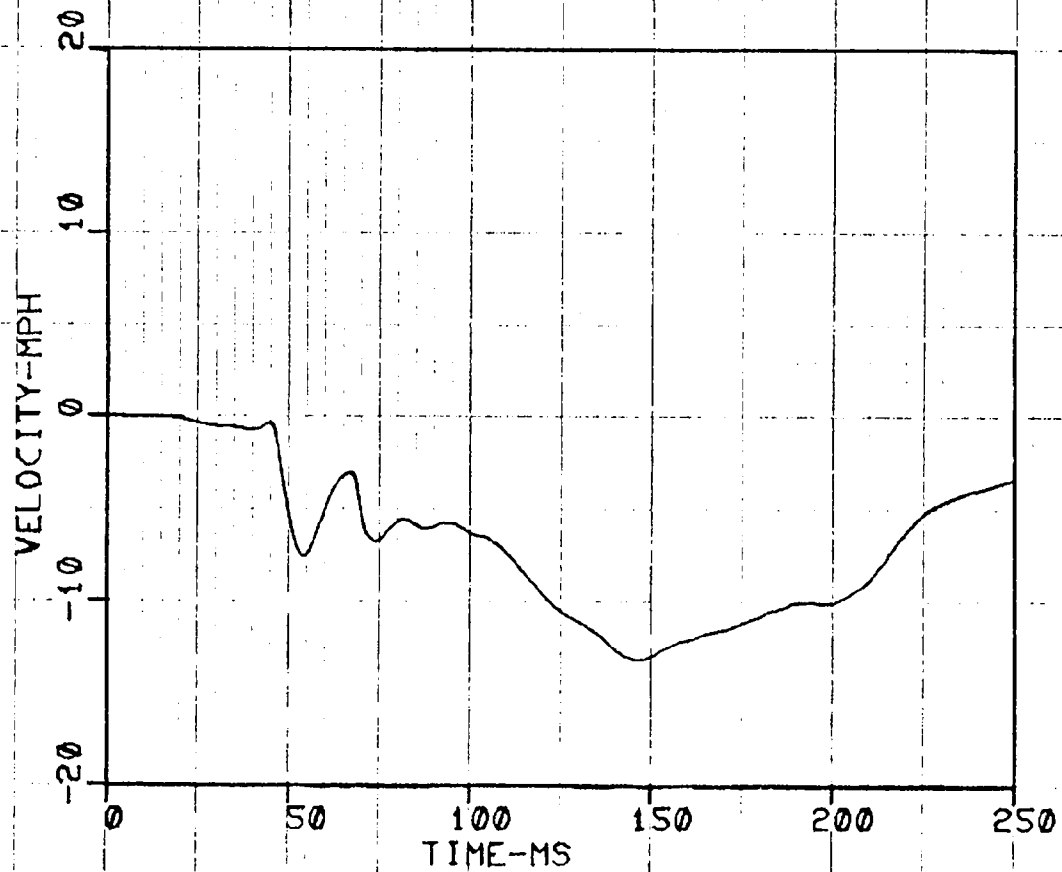


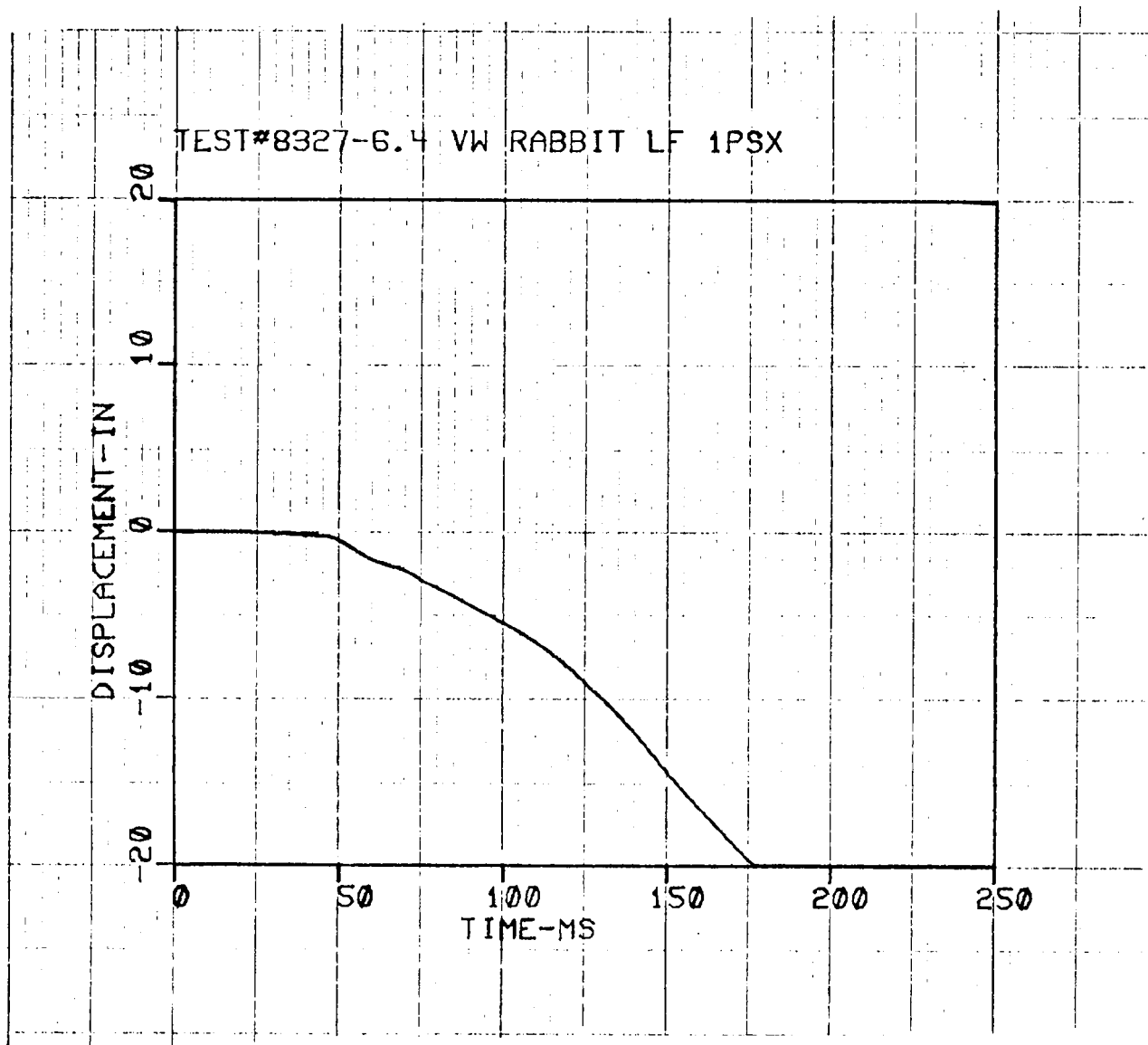


TEST#8327-6.4 VW RABBIT LF 1PGX

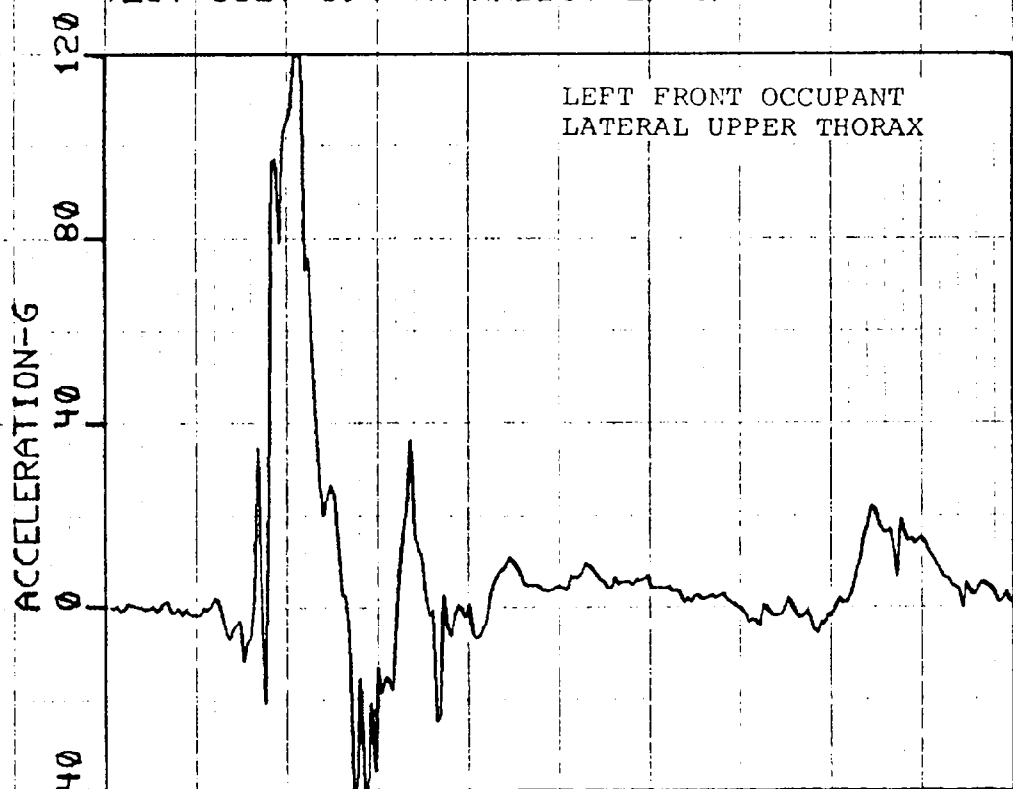


TEST#8327-6.4 VW RABBIT LF 1PVX

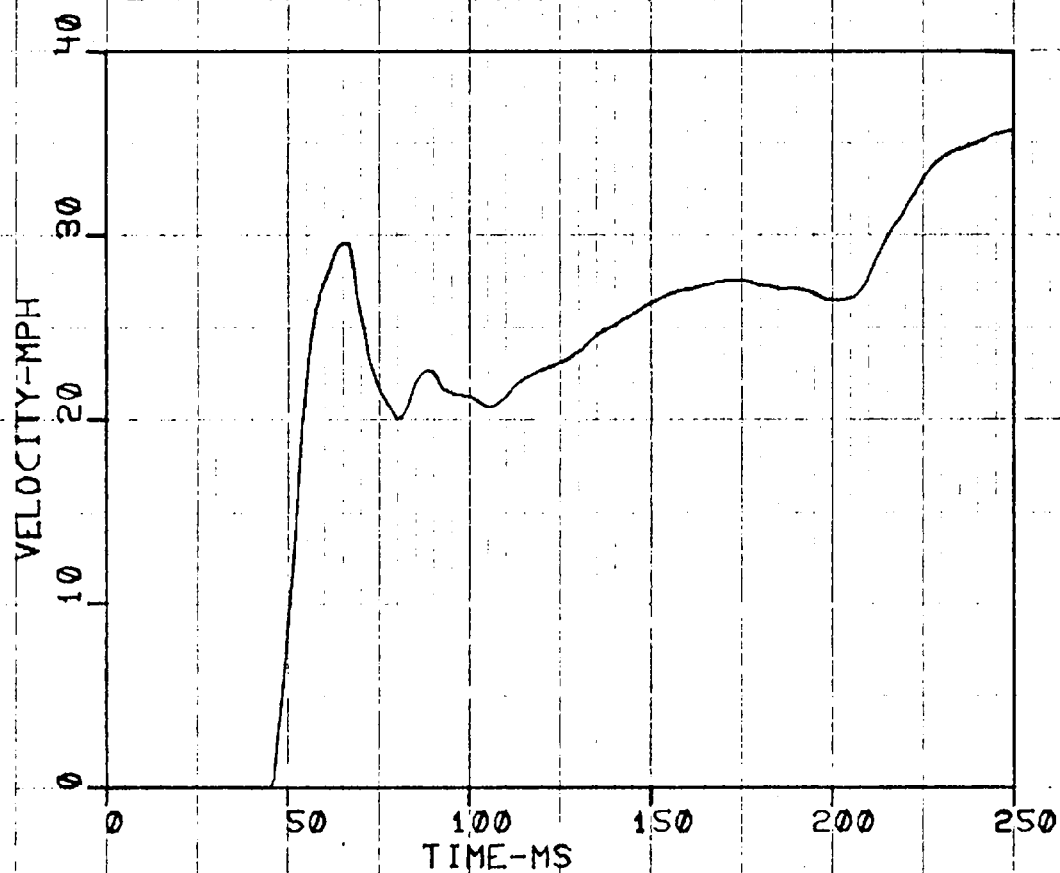


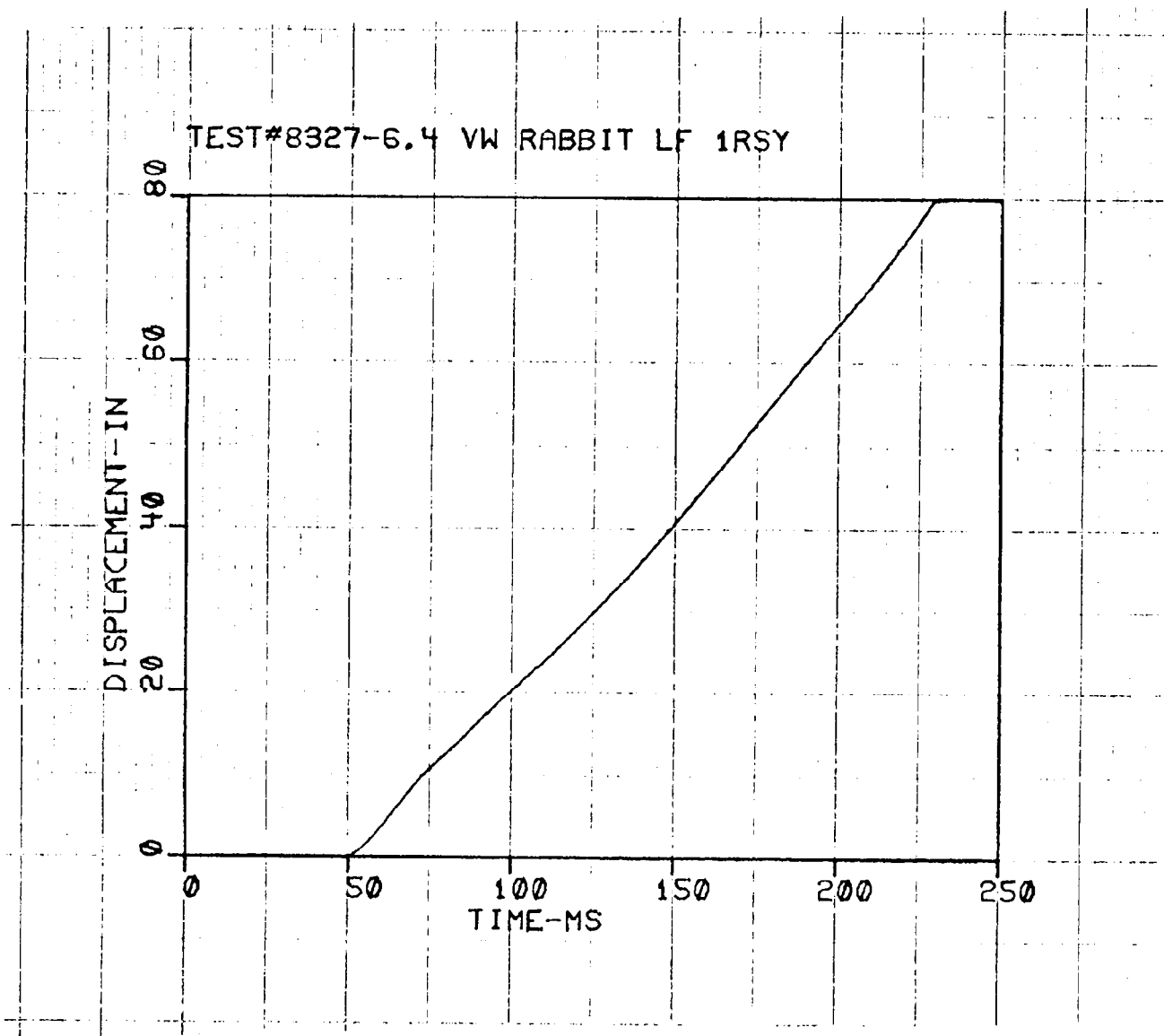


TEST#8327-6.4 VW RABBIT LF 1RGY

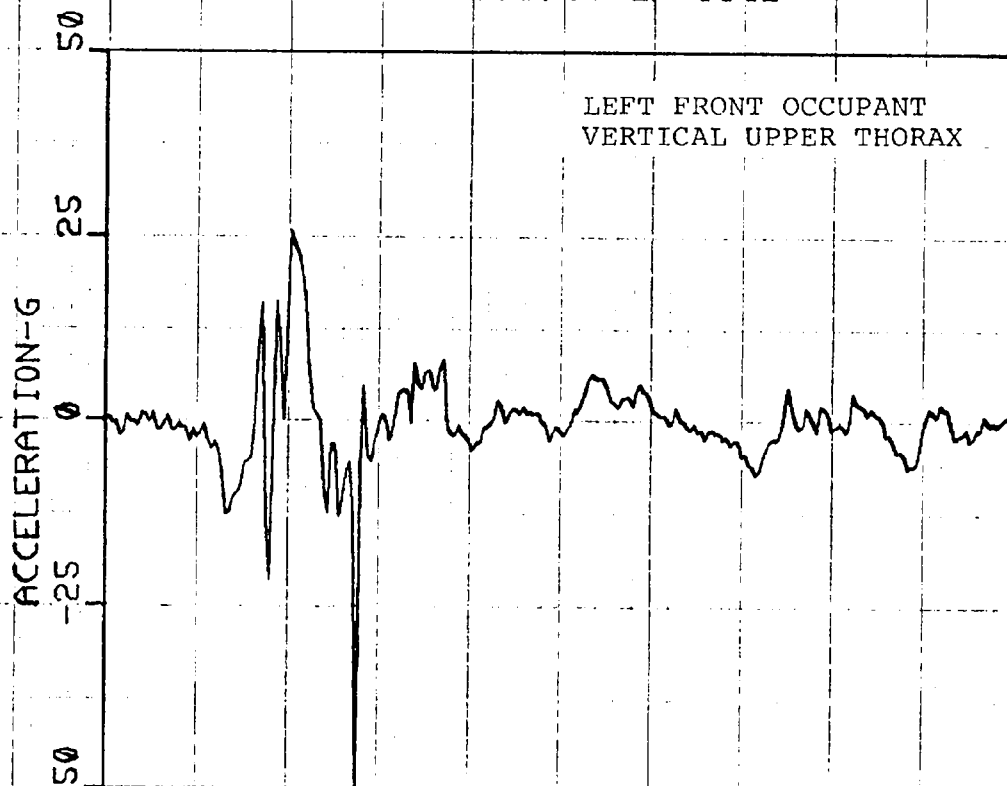


TEST#8327-6.4 VW RABBIT LF 1RVY

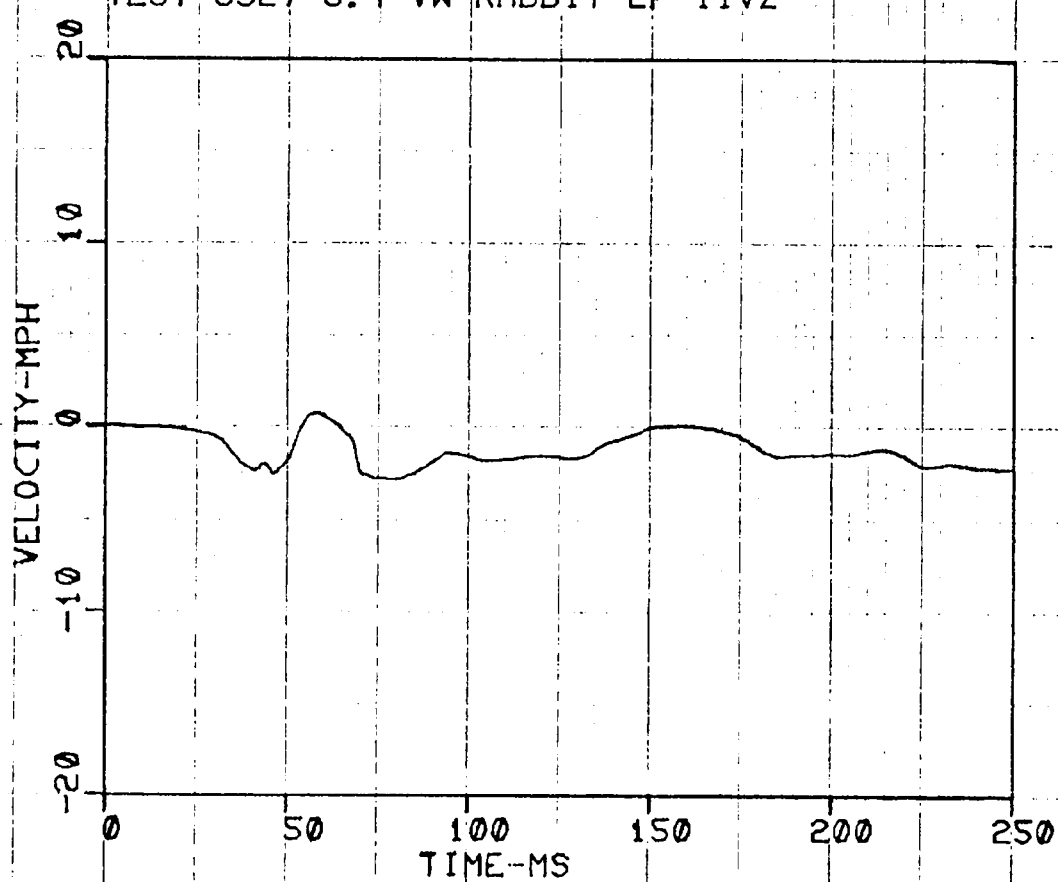


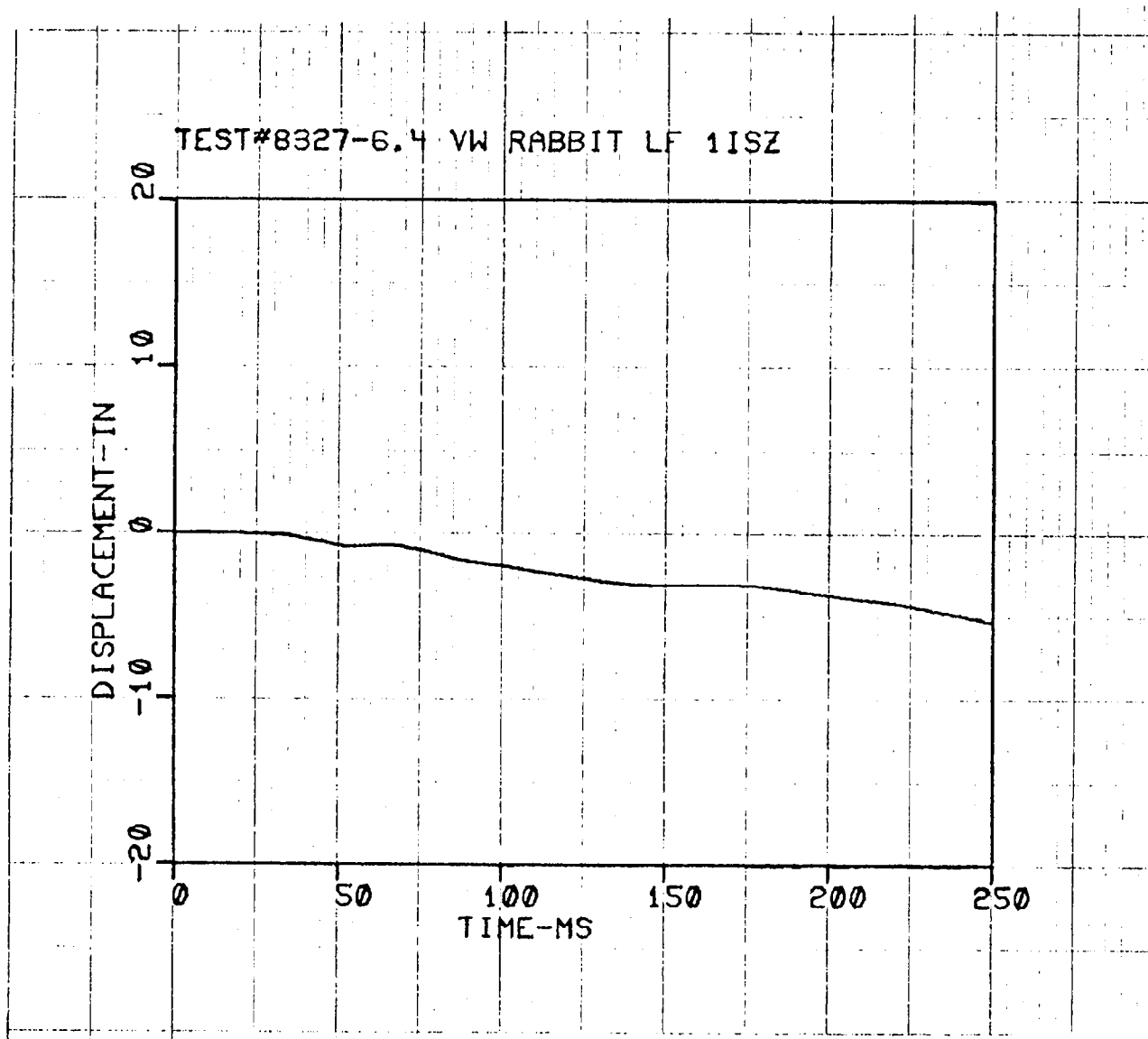


TEST#8327-6.4 VW RABBIT LF 1IGZ

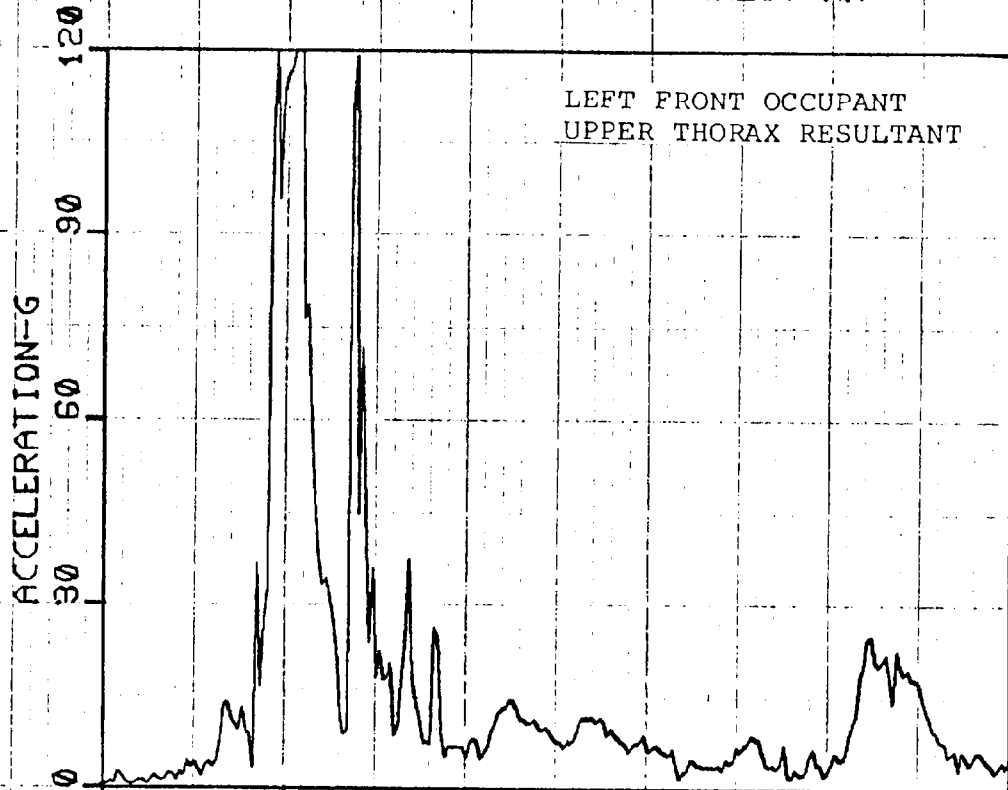


TEST#8327-6.4 VW RABBIT LF 1IVZ

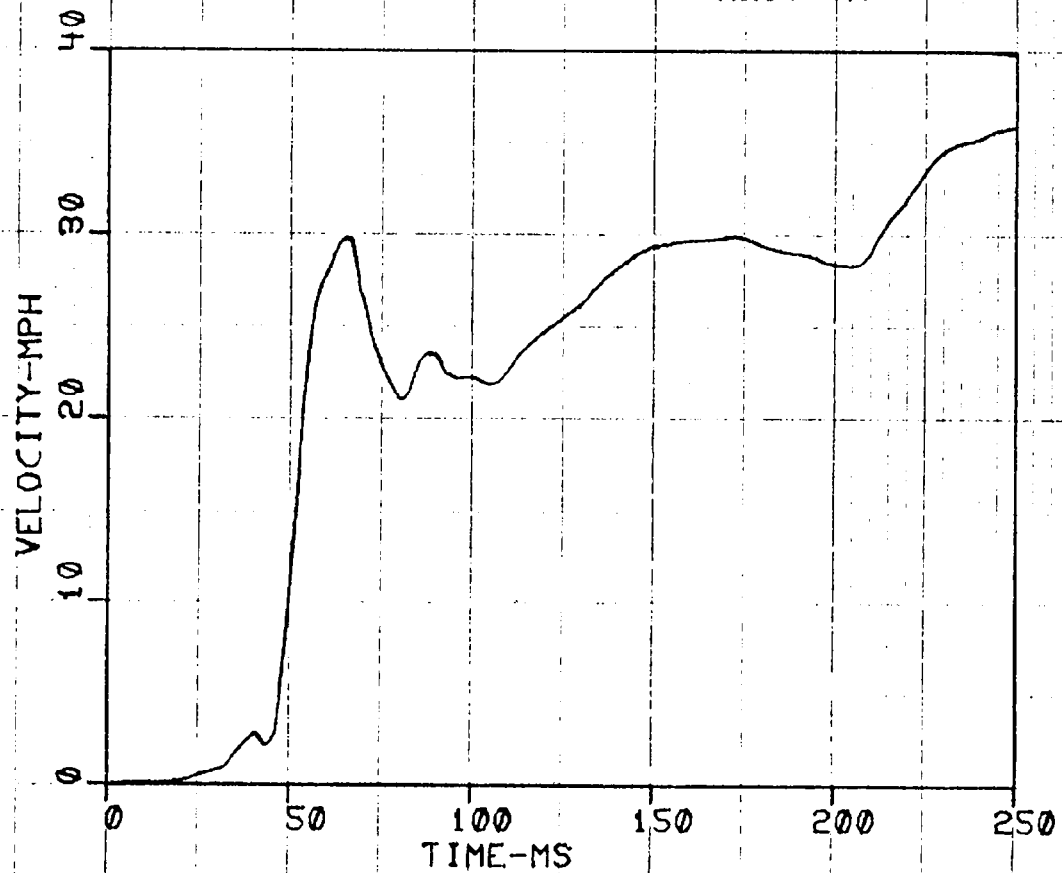


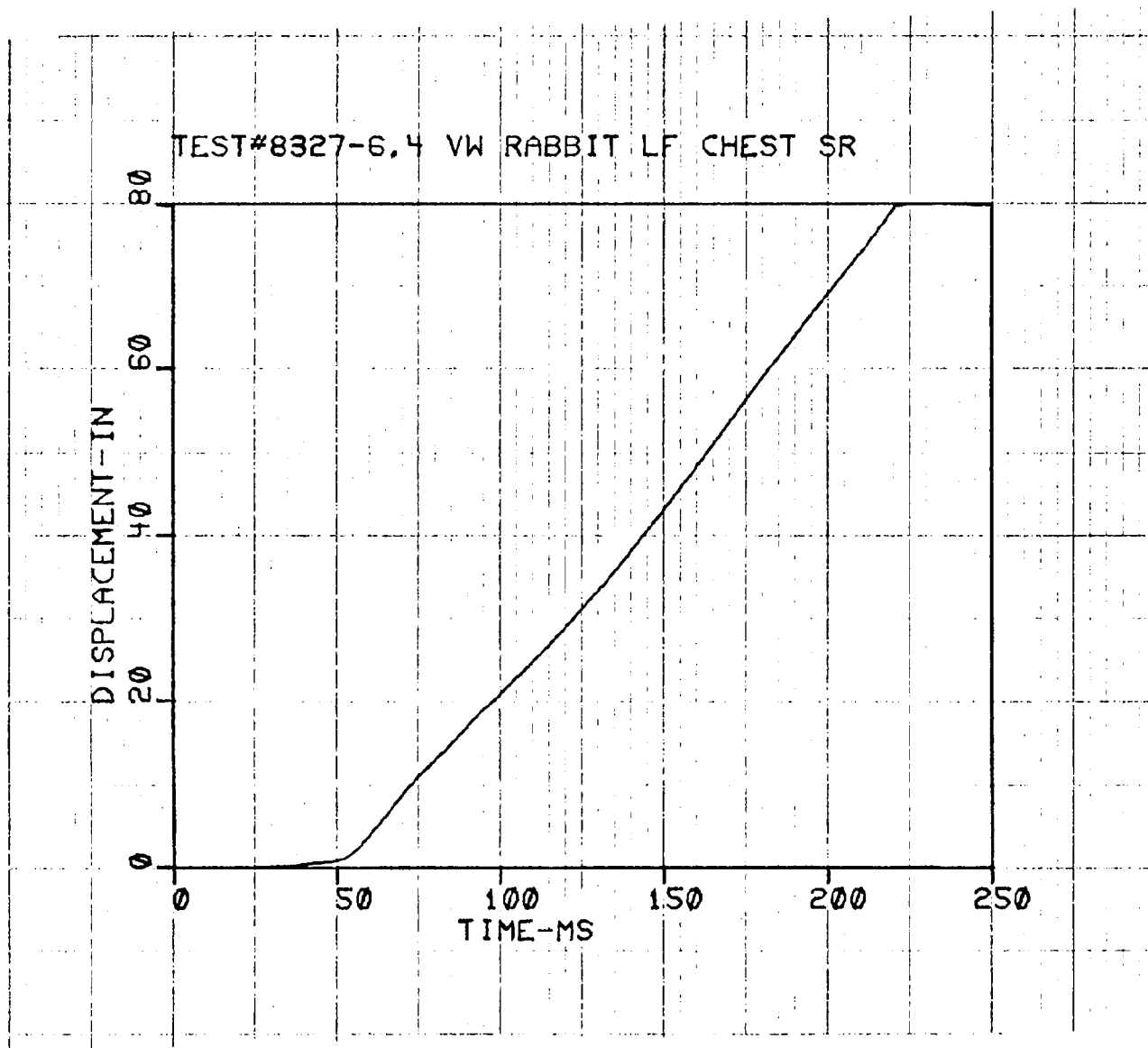


TEST#8327-6.4 VW RABBIT LF CHEST AR

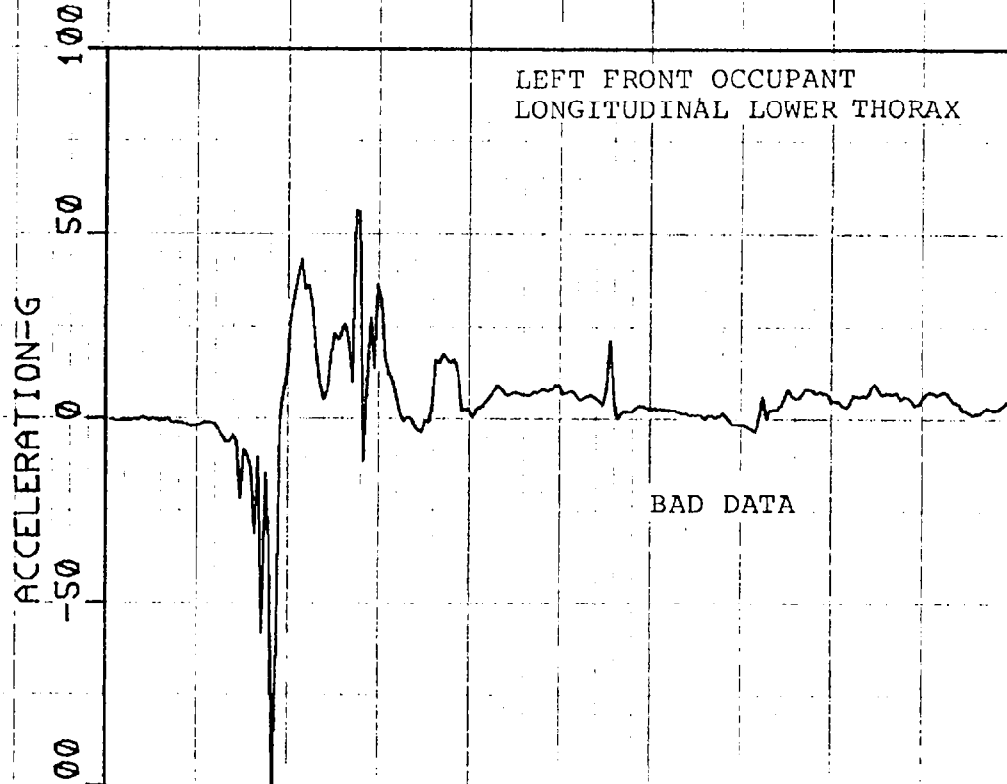


TEST#8327-6.4 VW RABBIT LF CHEST VR

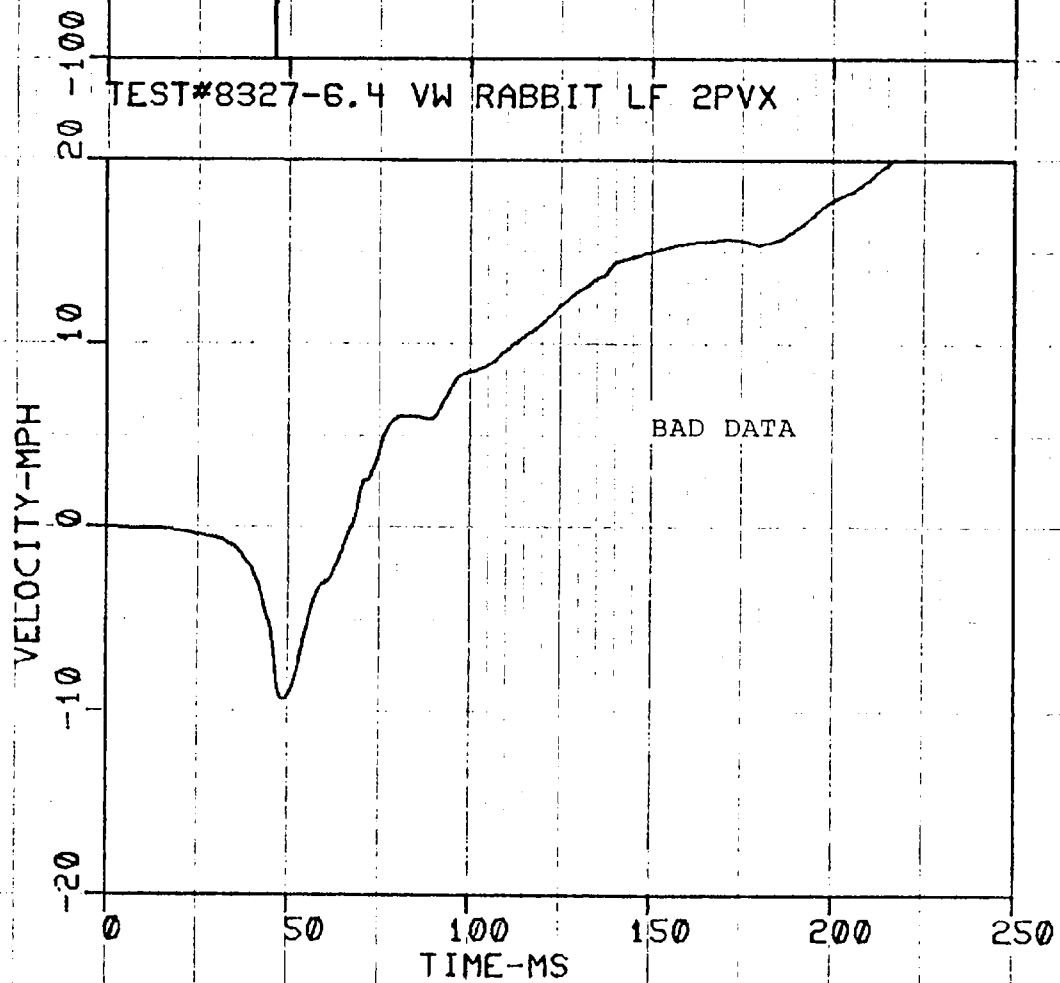


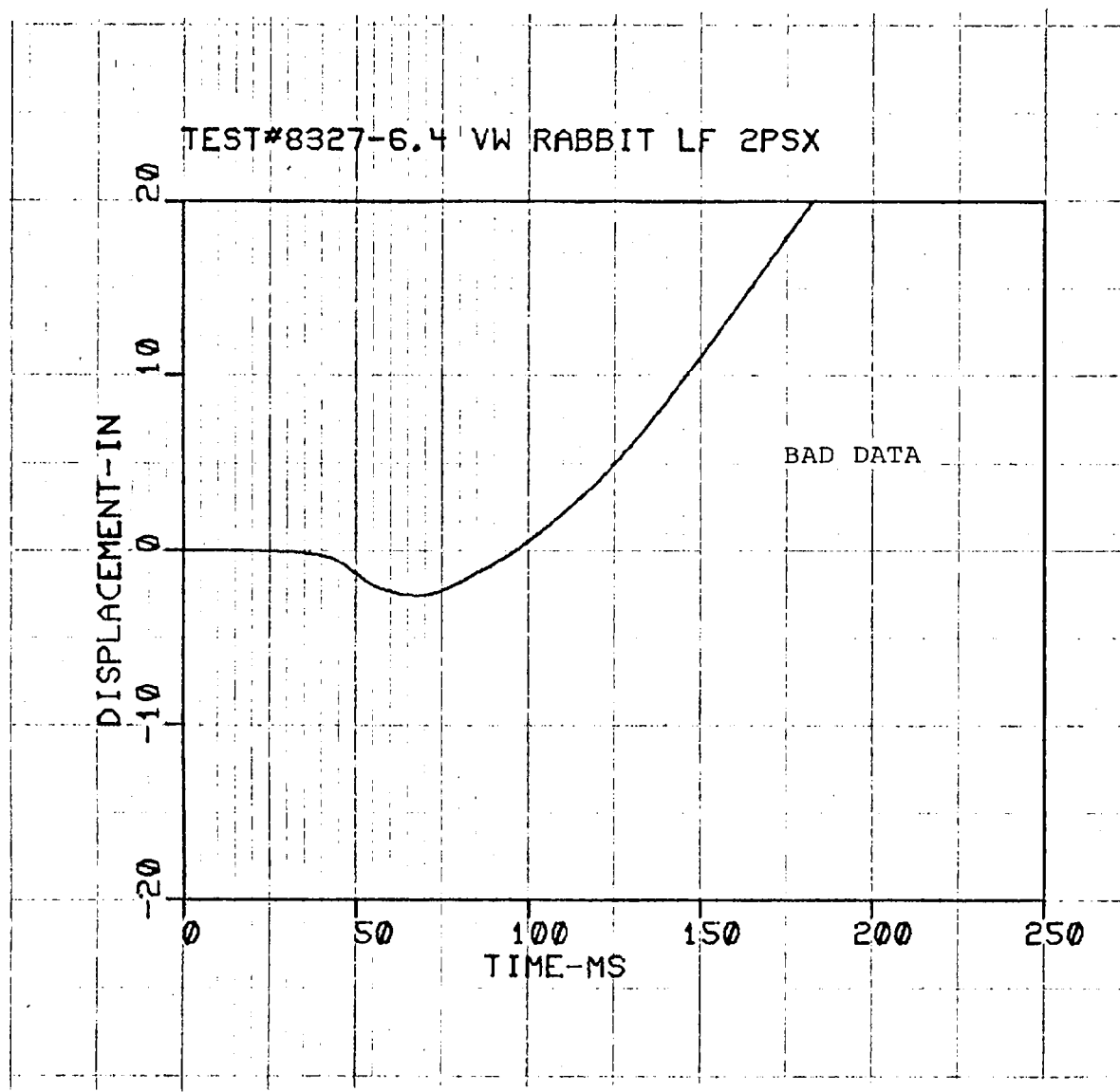


TEST#8327-6.4 VW RABBIT LF 2PGX

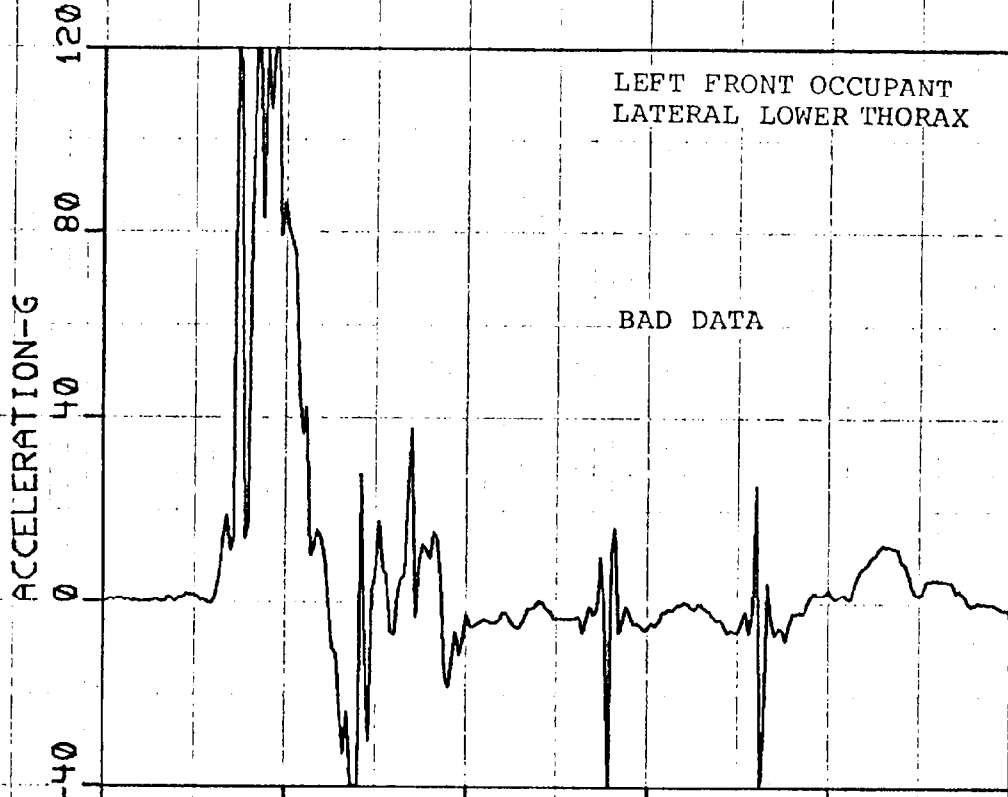


TEST#8327-6.4 VW RABBIT LF 2PVX

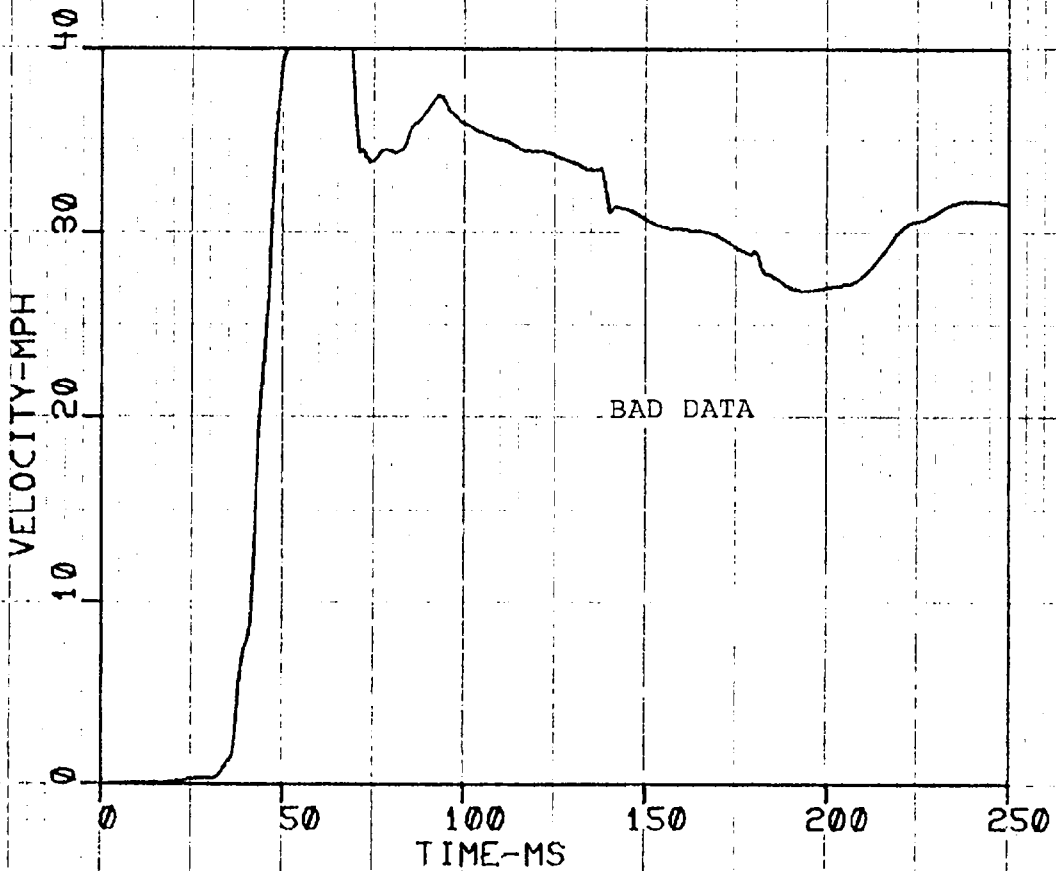


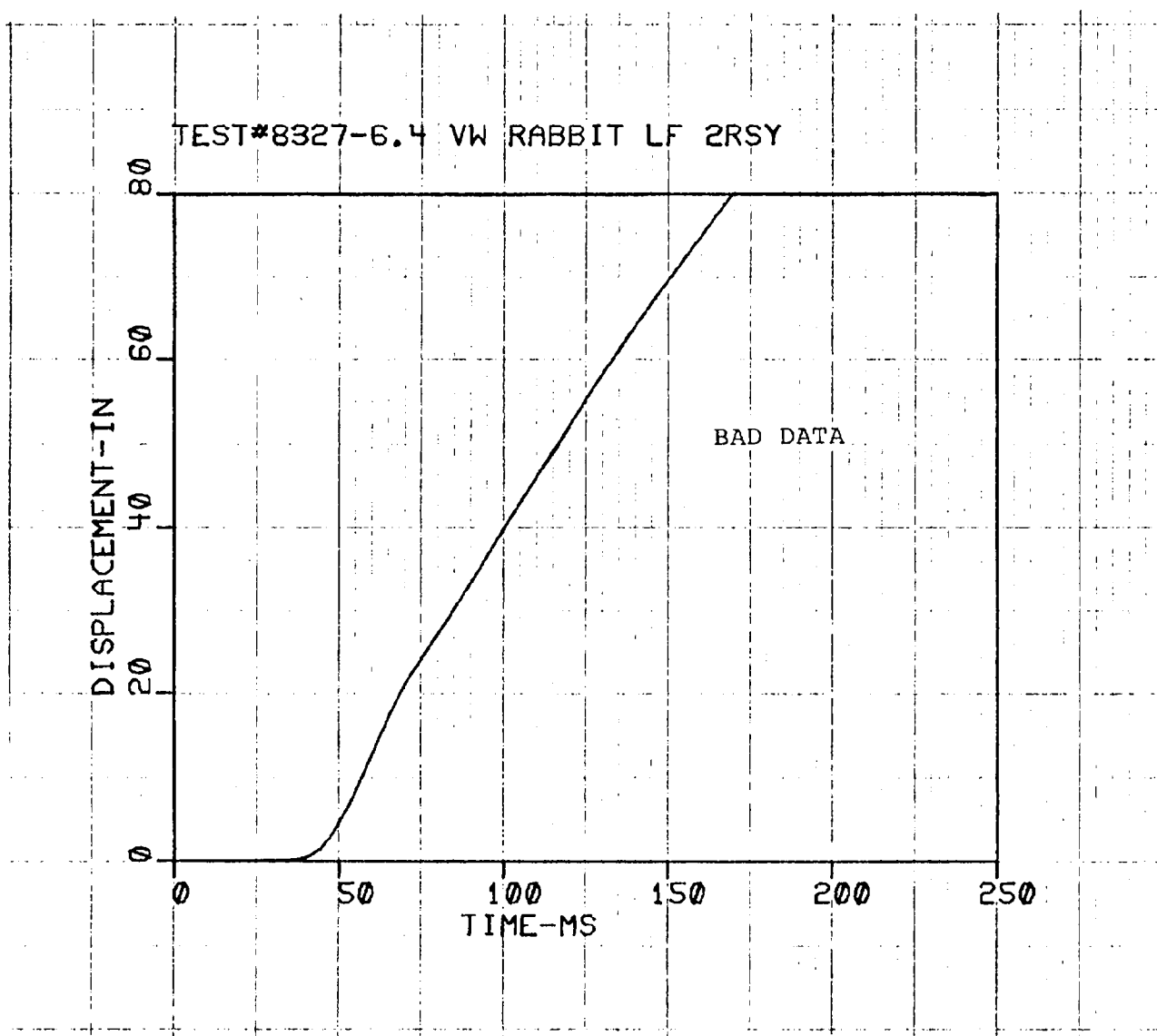


TEST#8327-6.4 VW RABBIT LF 2RGY

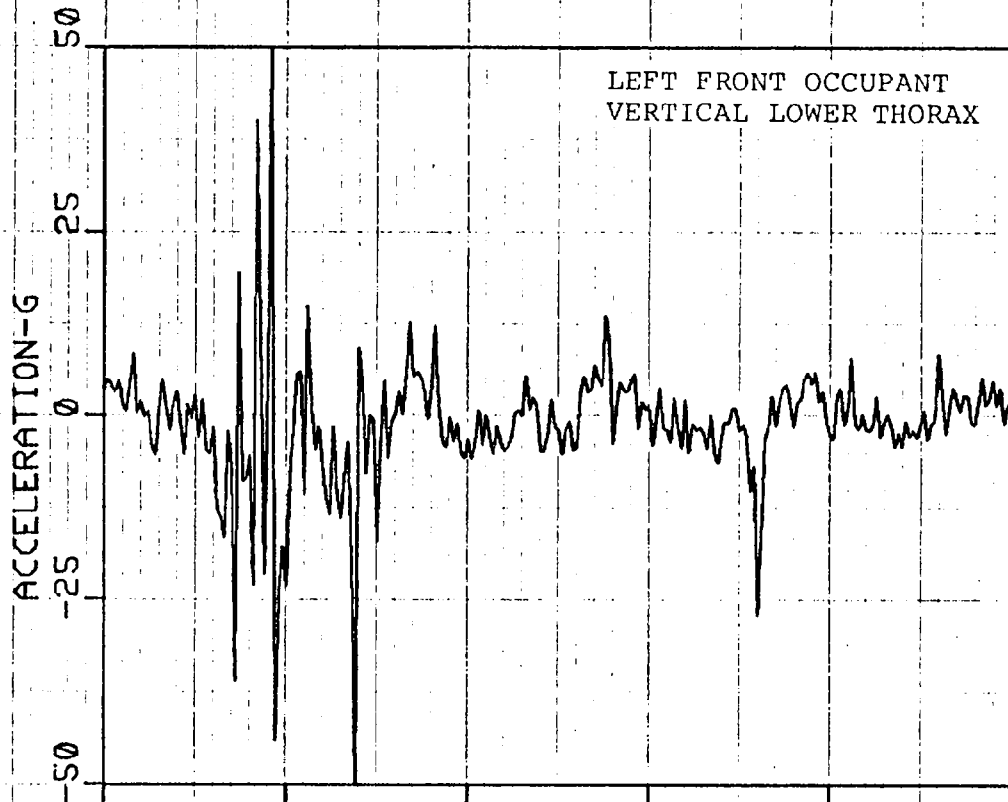


TEST#8327-6.4 VW RABBIT LF 2RVY

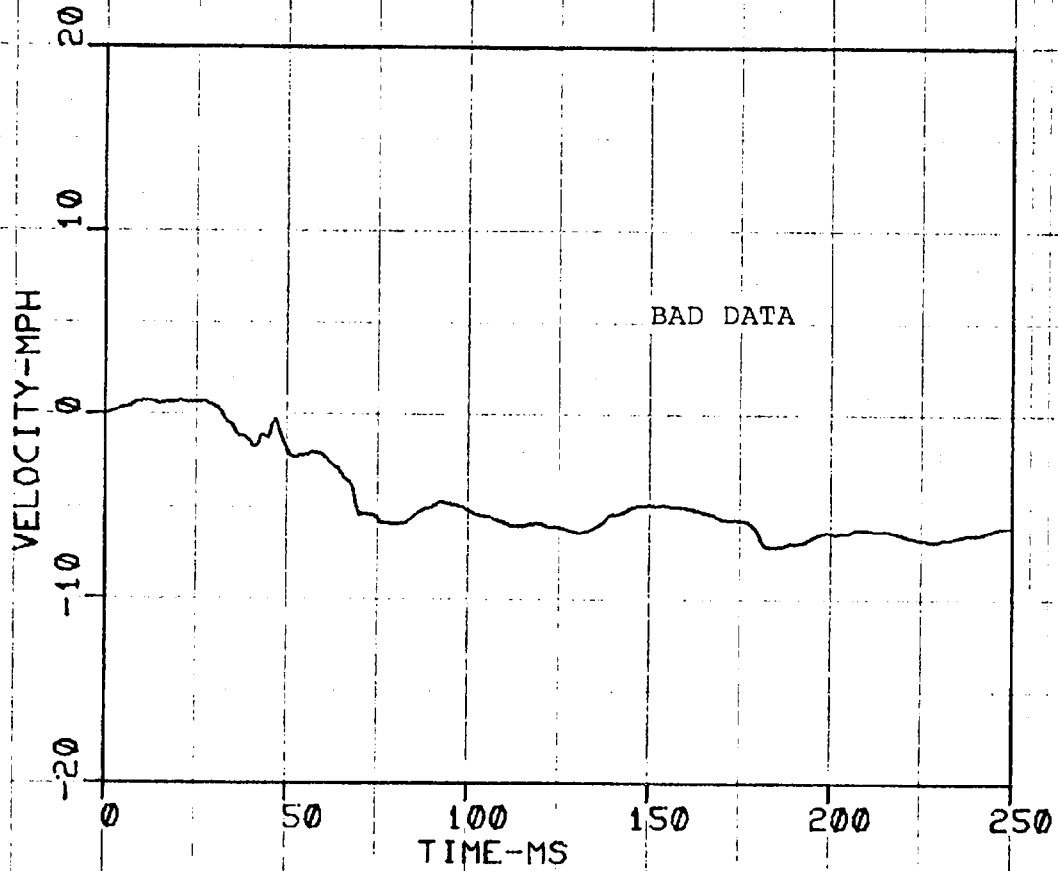


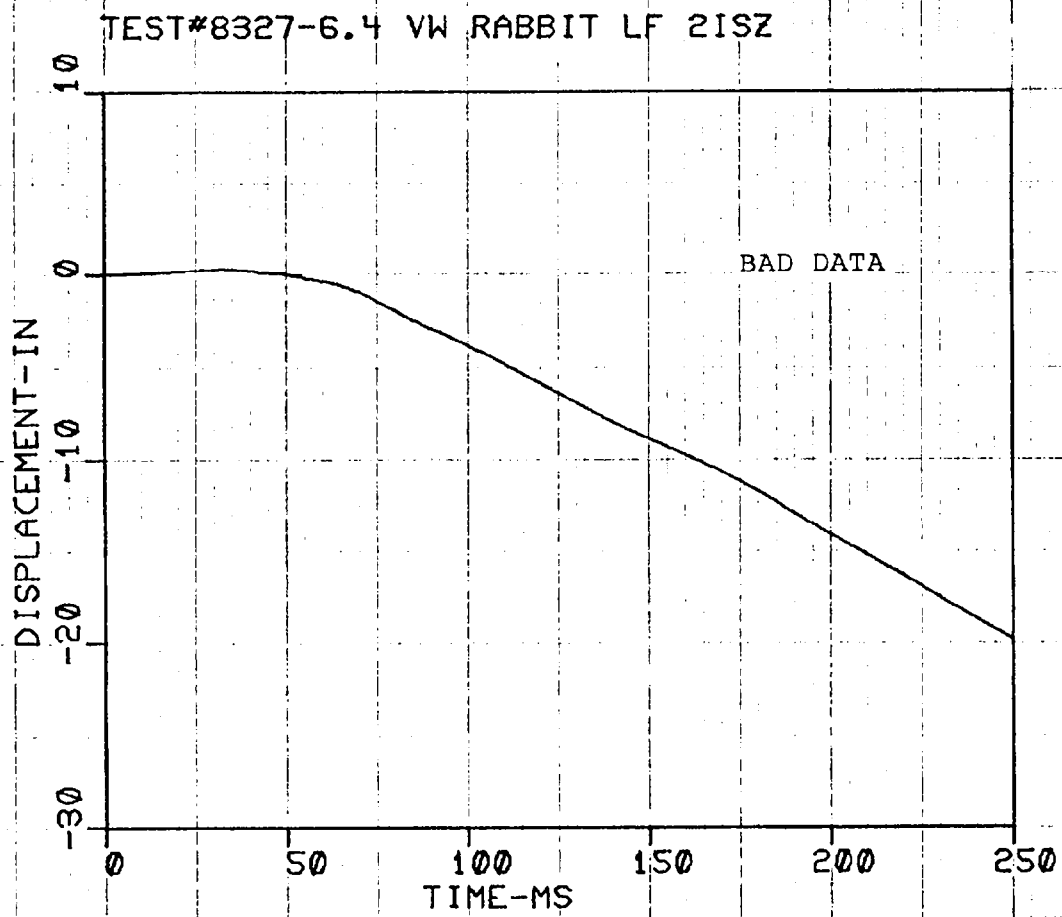


TEST#8327-6.4 VW RABBIT LF 2IGZ

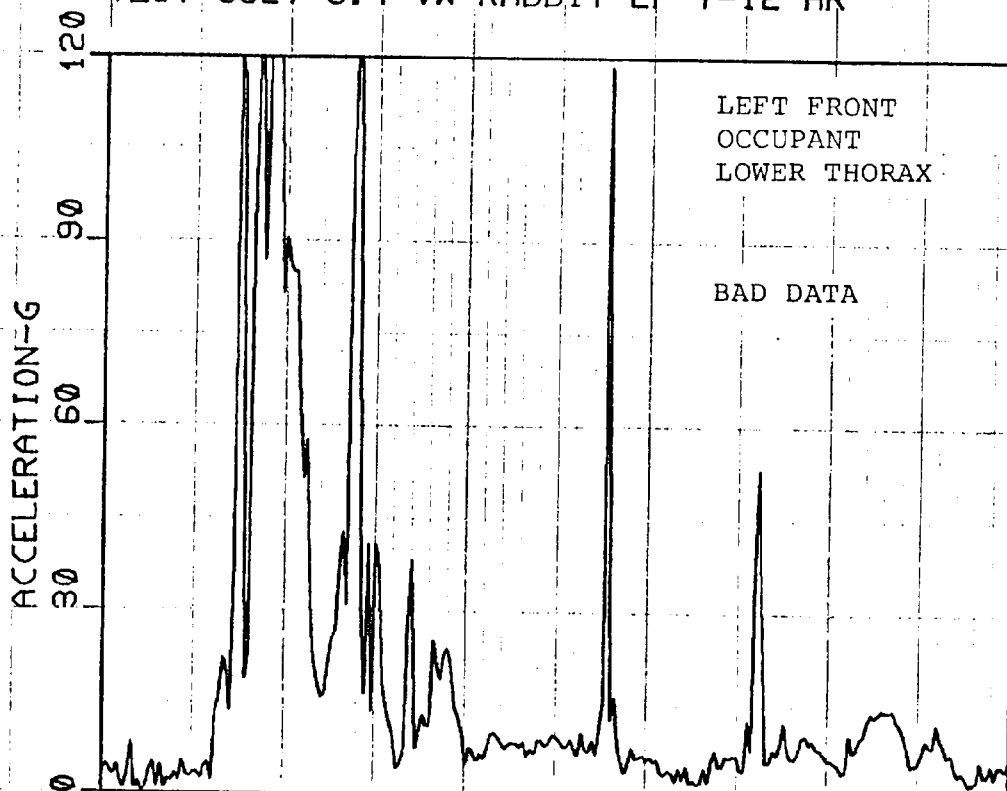


TEST#8327-6.4 VW RABBIT LF 2IVZ

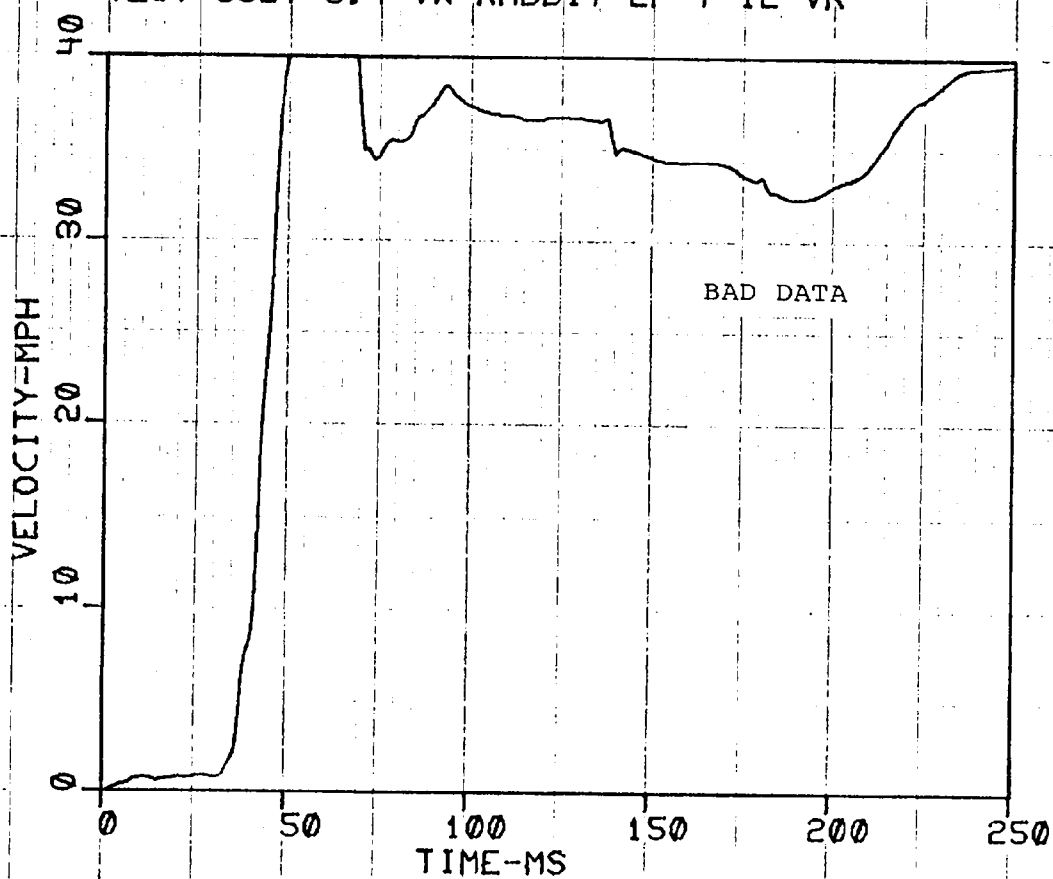


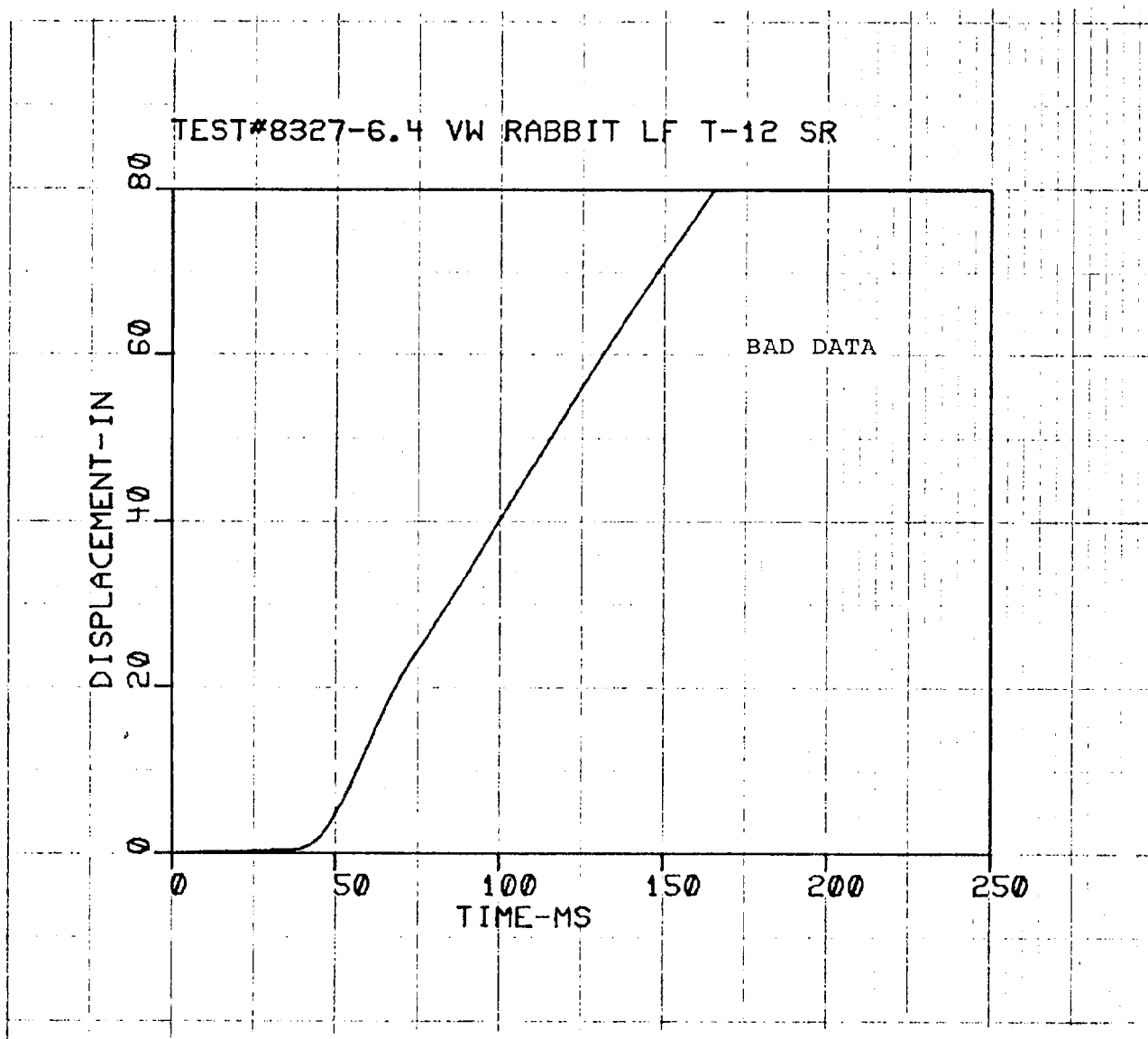


TEST#8327-6.4 VW RABBIT LF T-12 AR

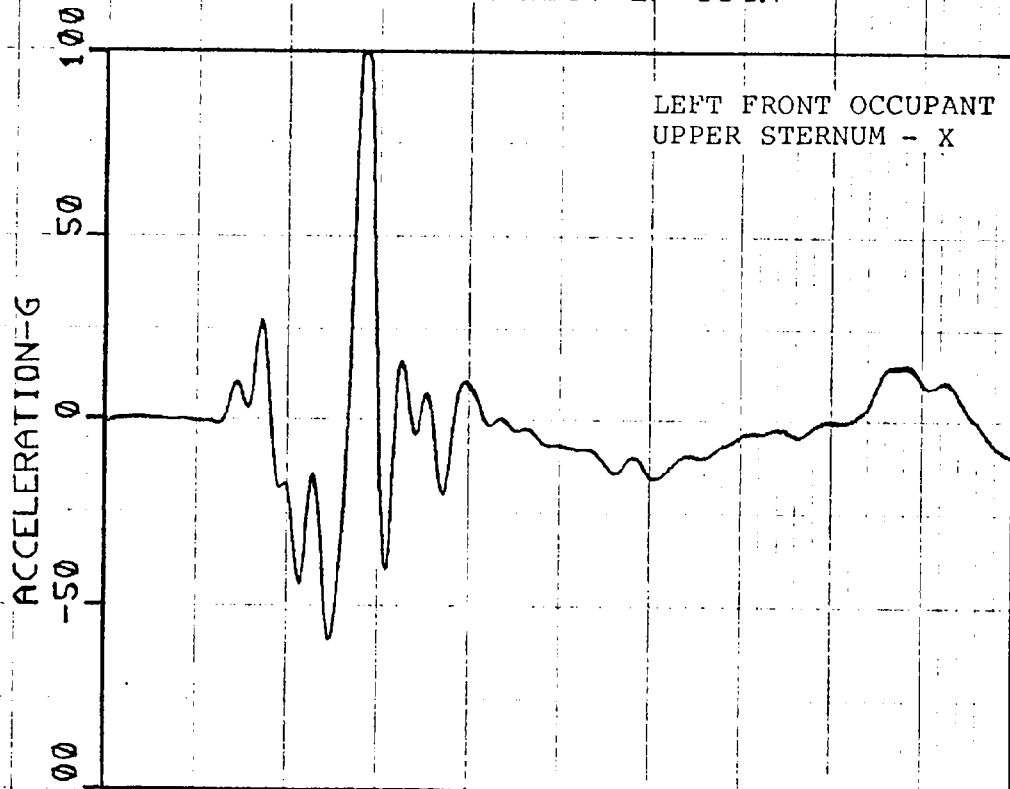


TEST#8327-6.4 VW RABBIT LF T-12 VR

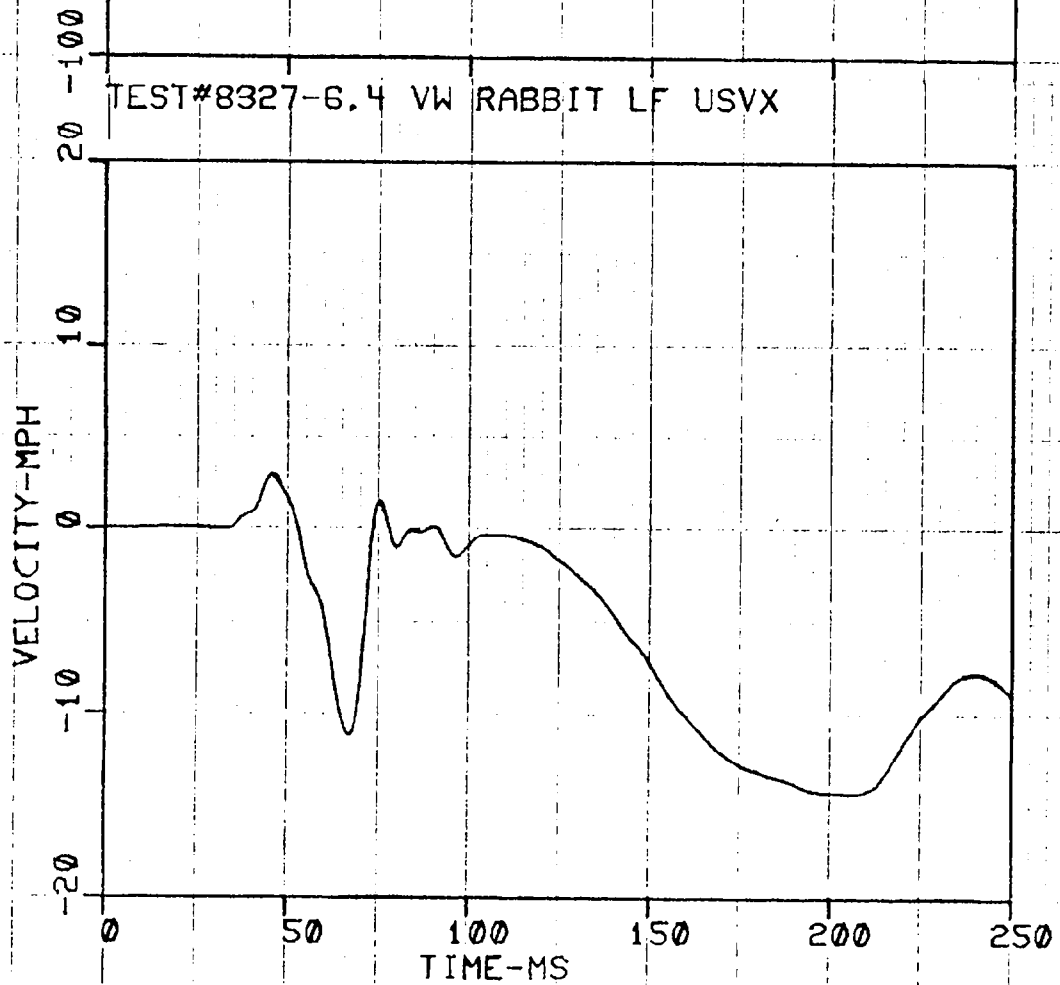


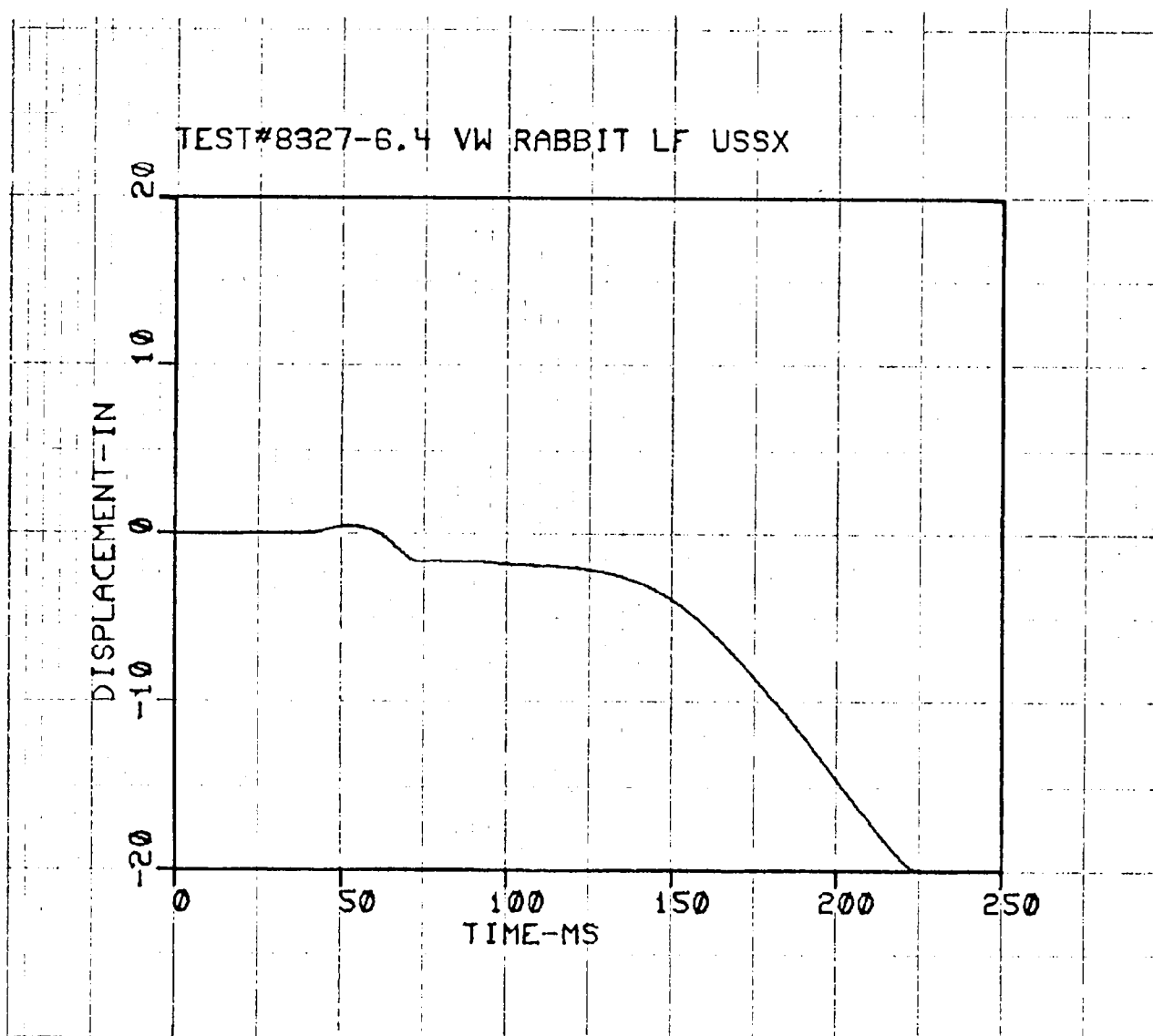


TEST#8327-6.4 VW RABBIT LF USGX

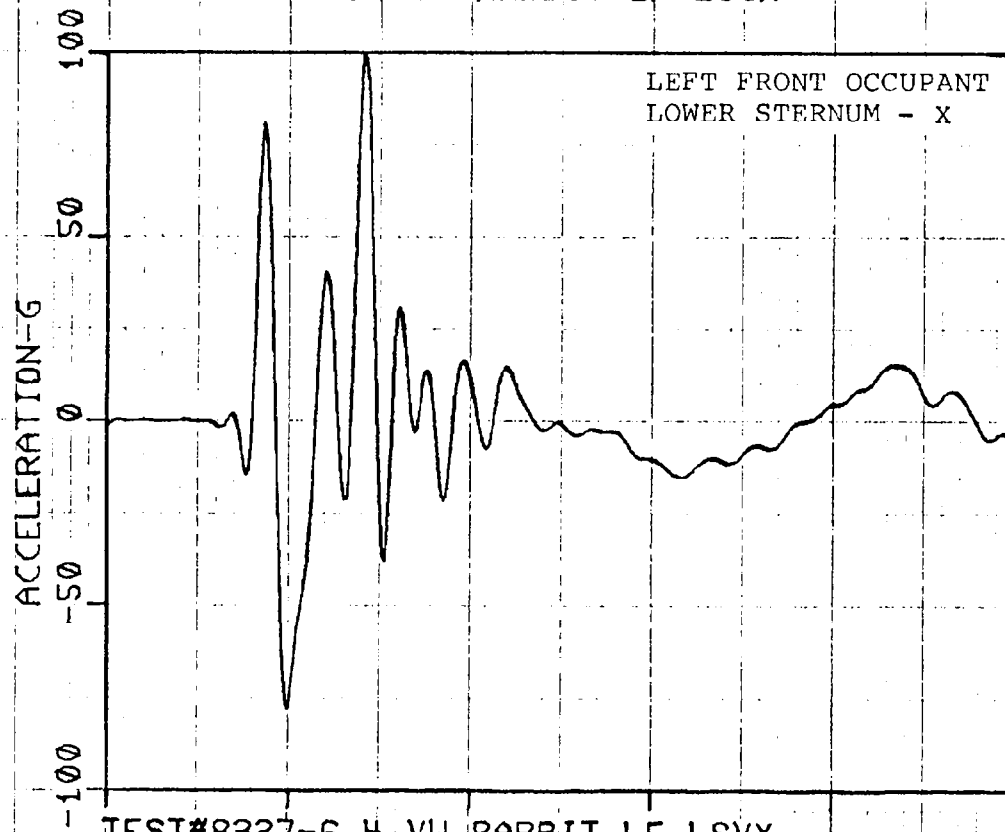


TEST#8327-6.4 VW RABBIT LF USVX

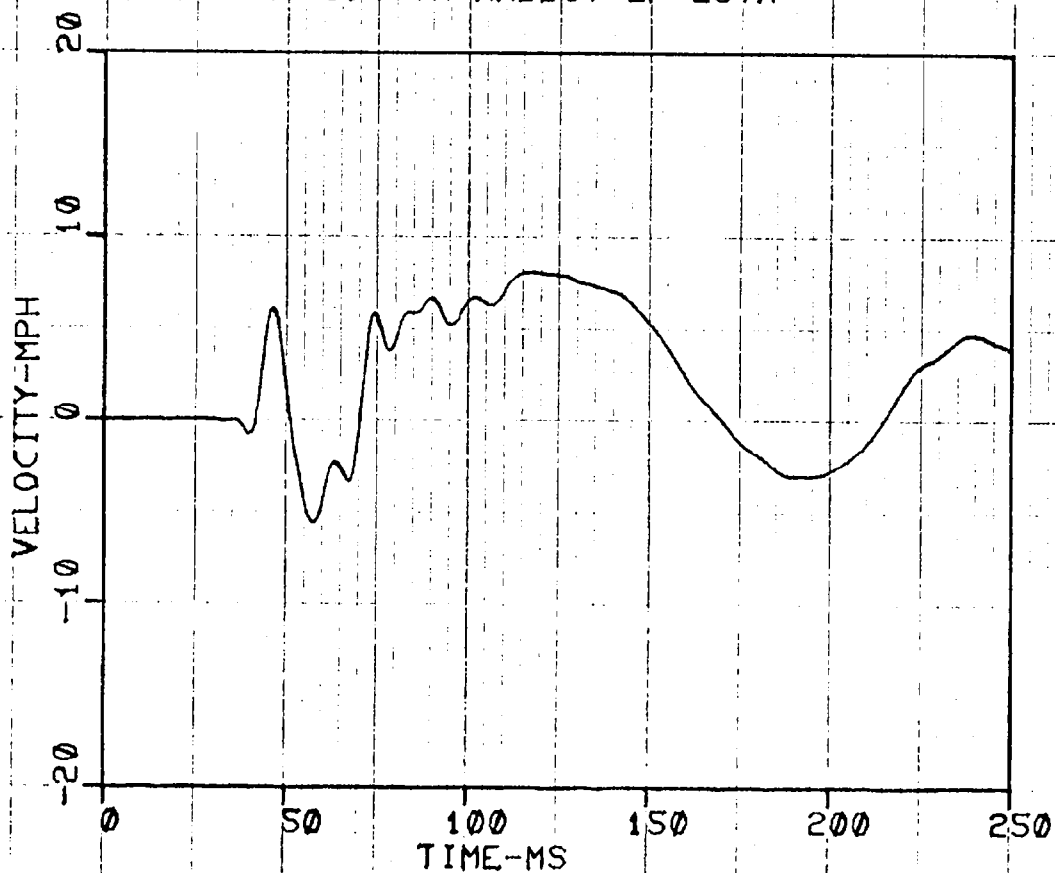


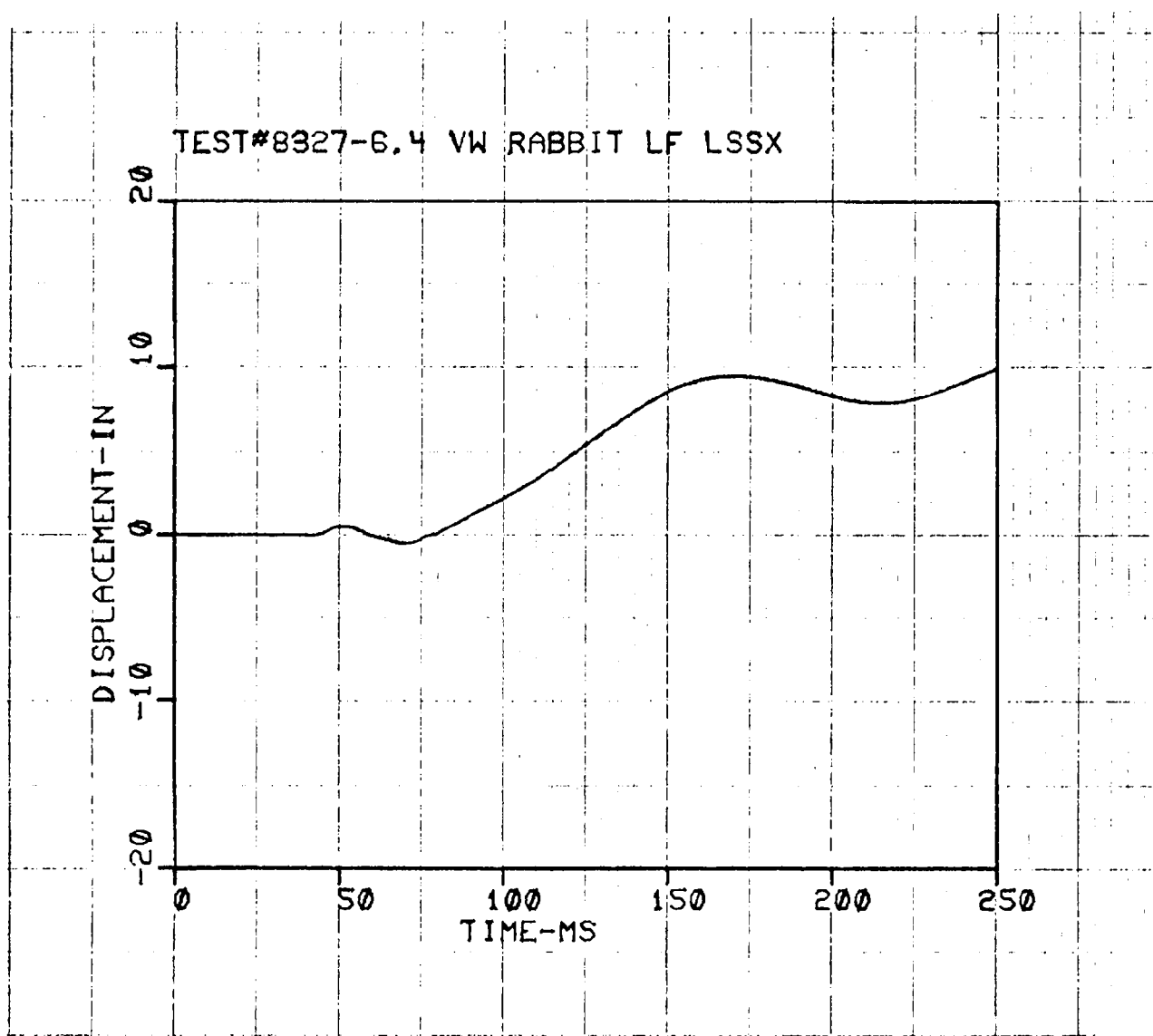


TEST#8327-6.4 VW RABBIT LF LSGX

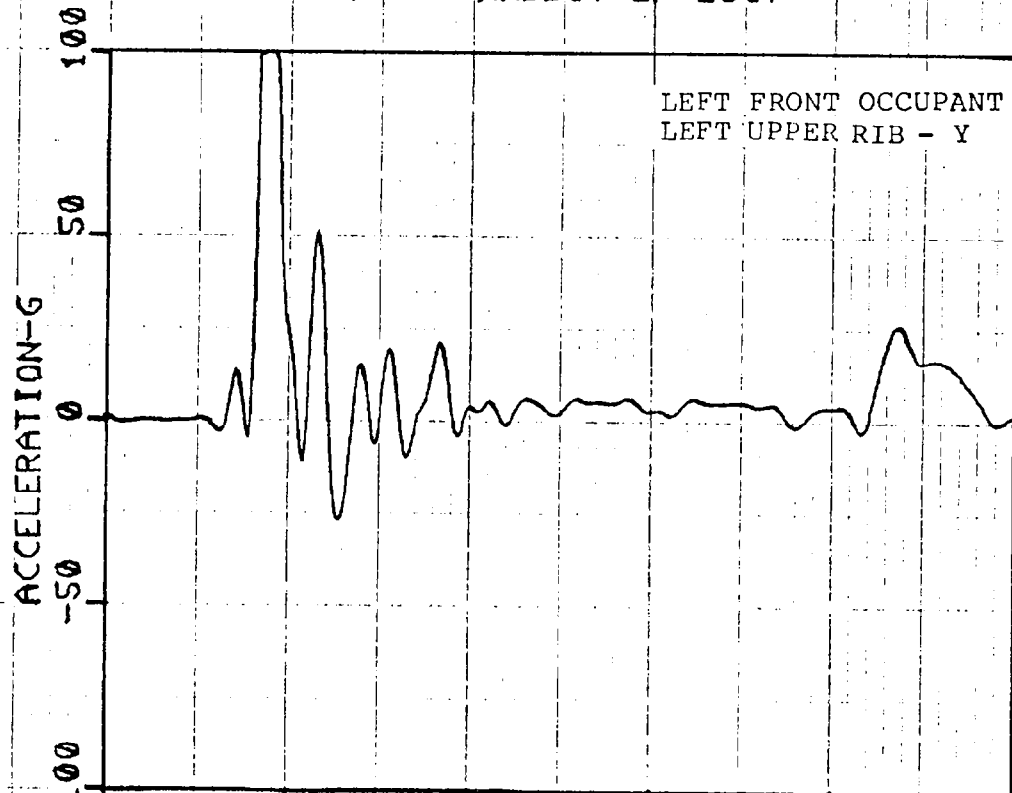


TEST#8327-6.4 VW RABBIT LF LSVX

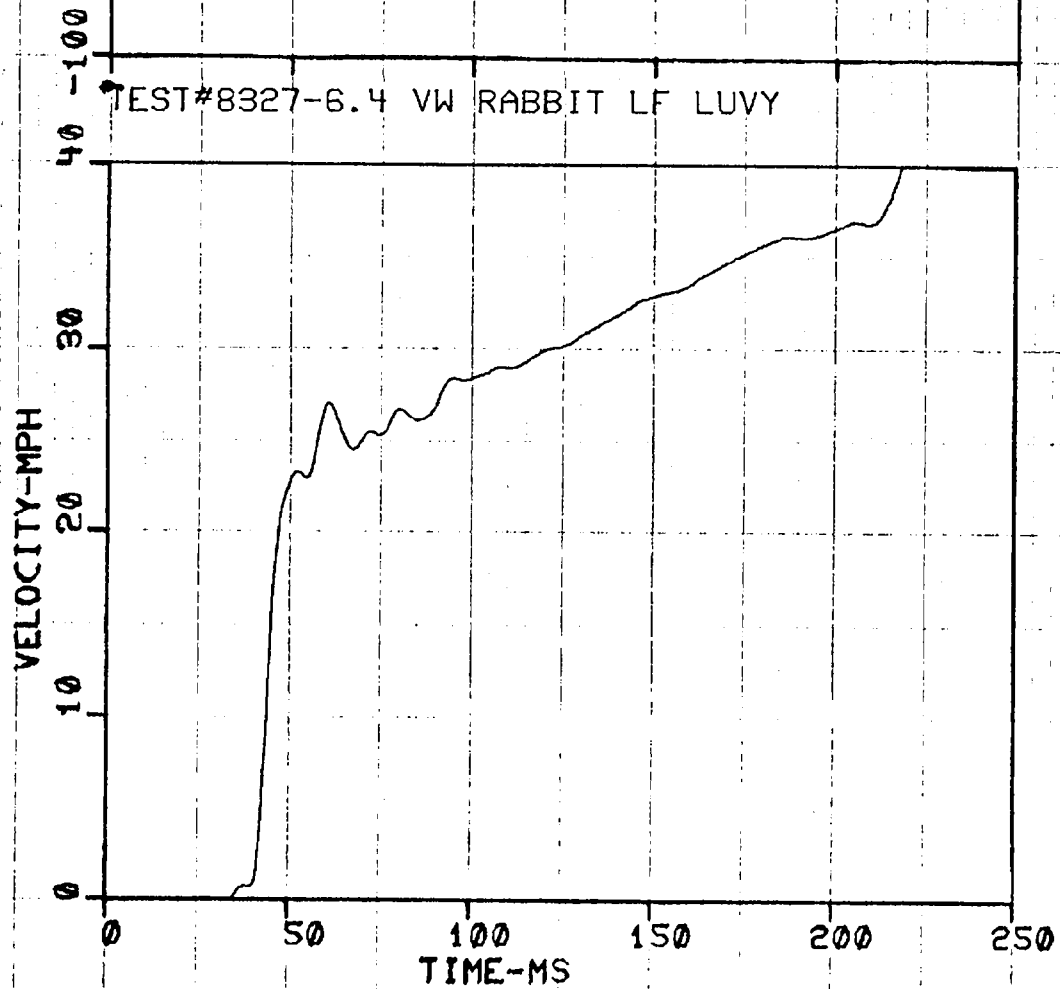


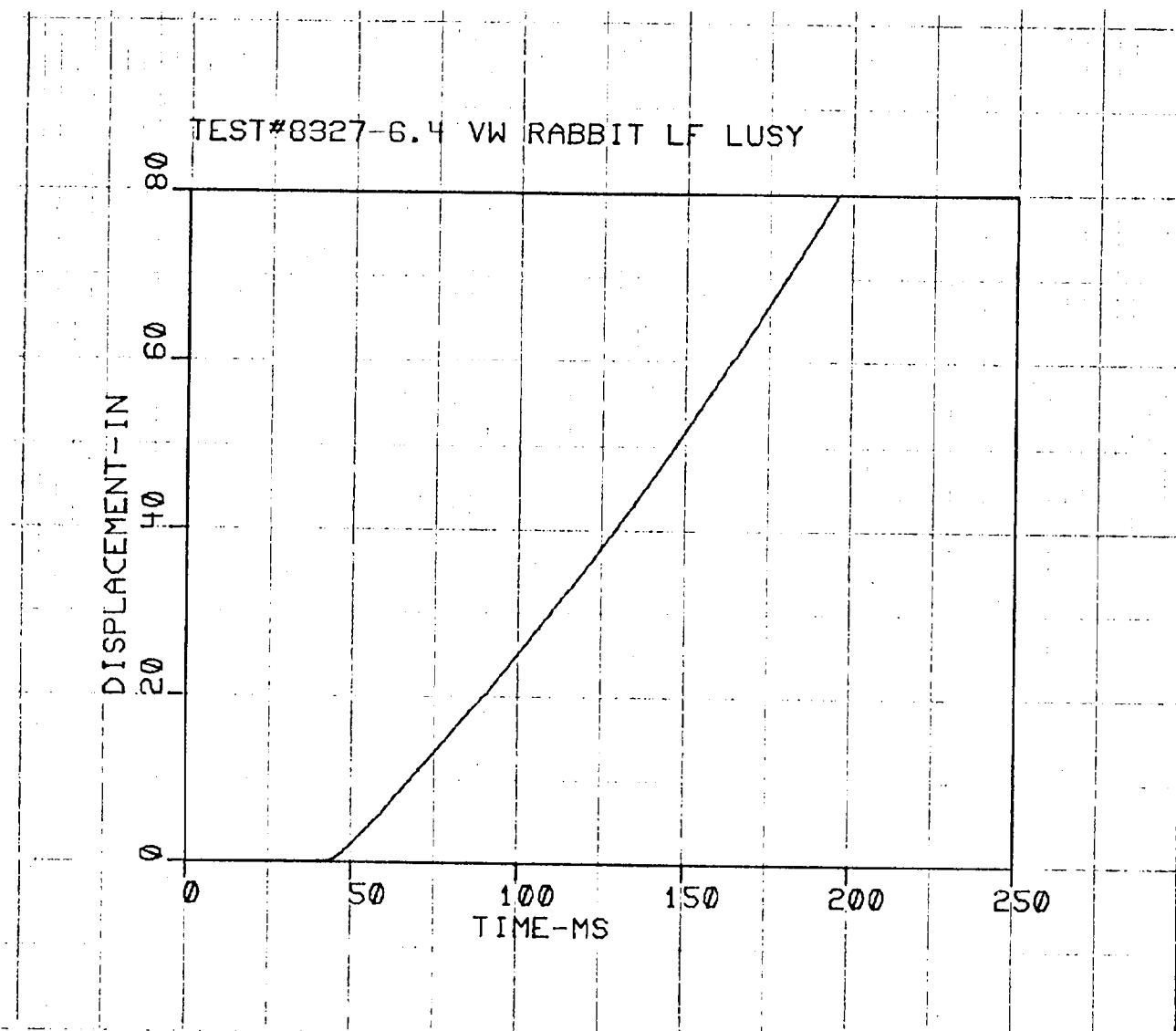


TEST#8327-6.4 VW RABBIT LF LUGY

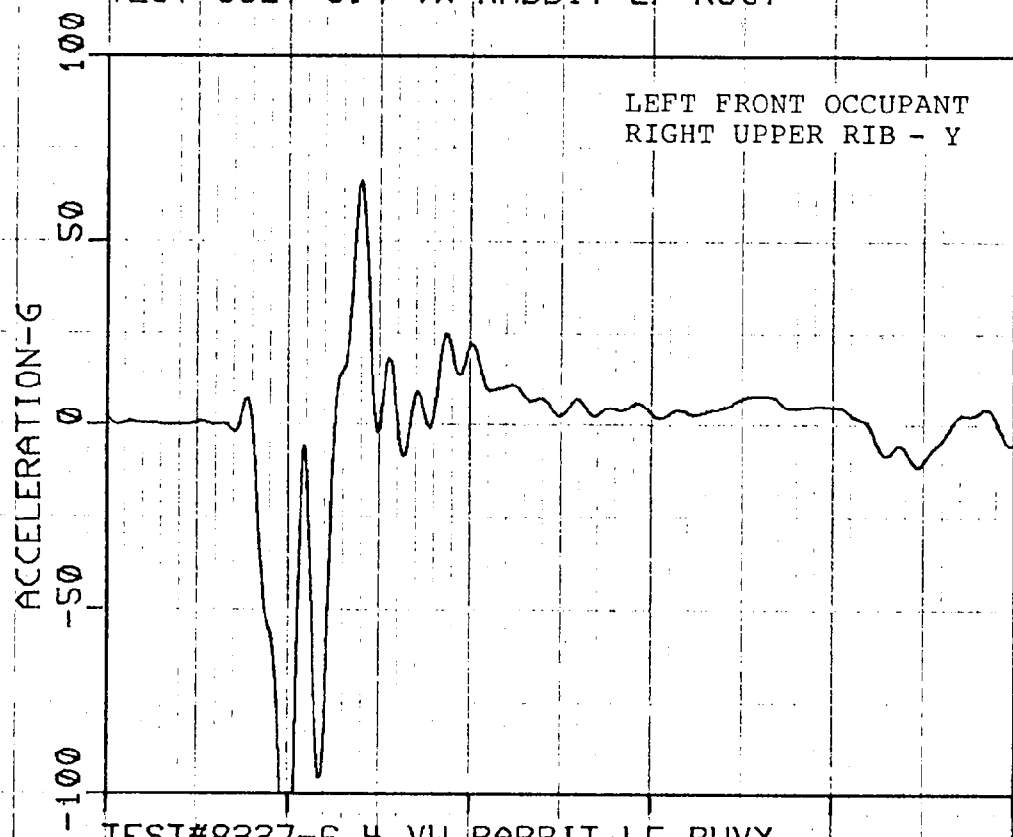


TEST#8327-6.4 VW RABBIT LF LUVY

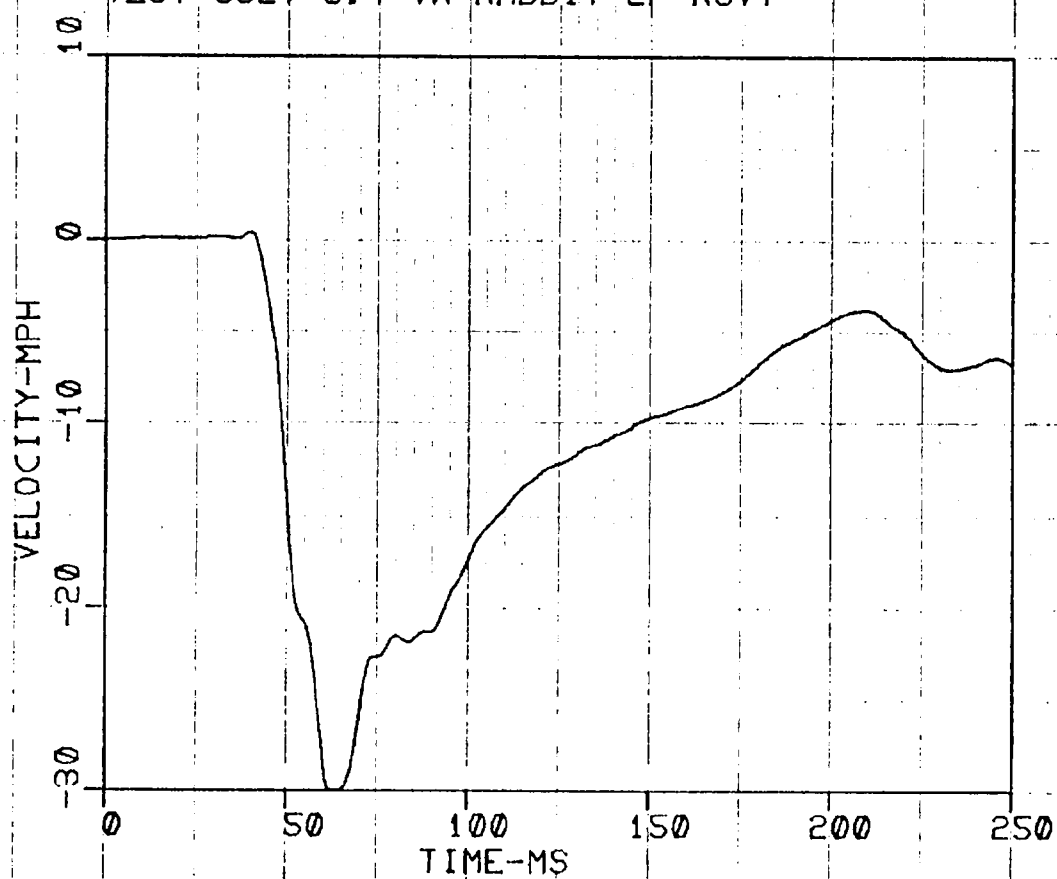


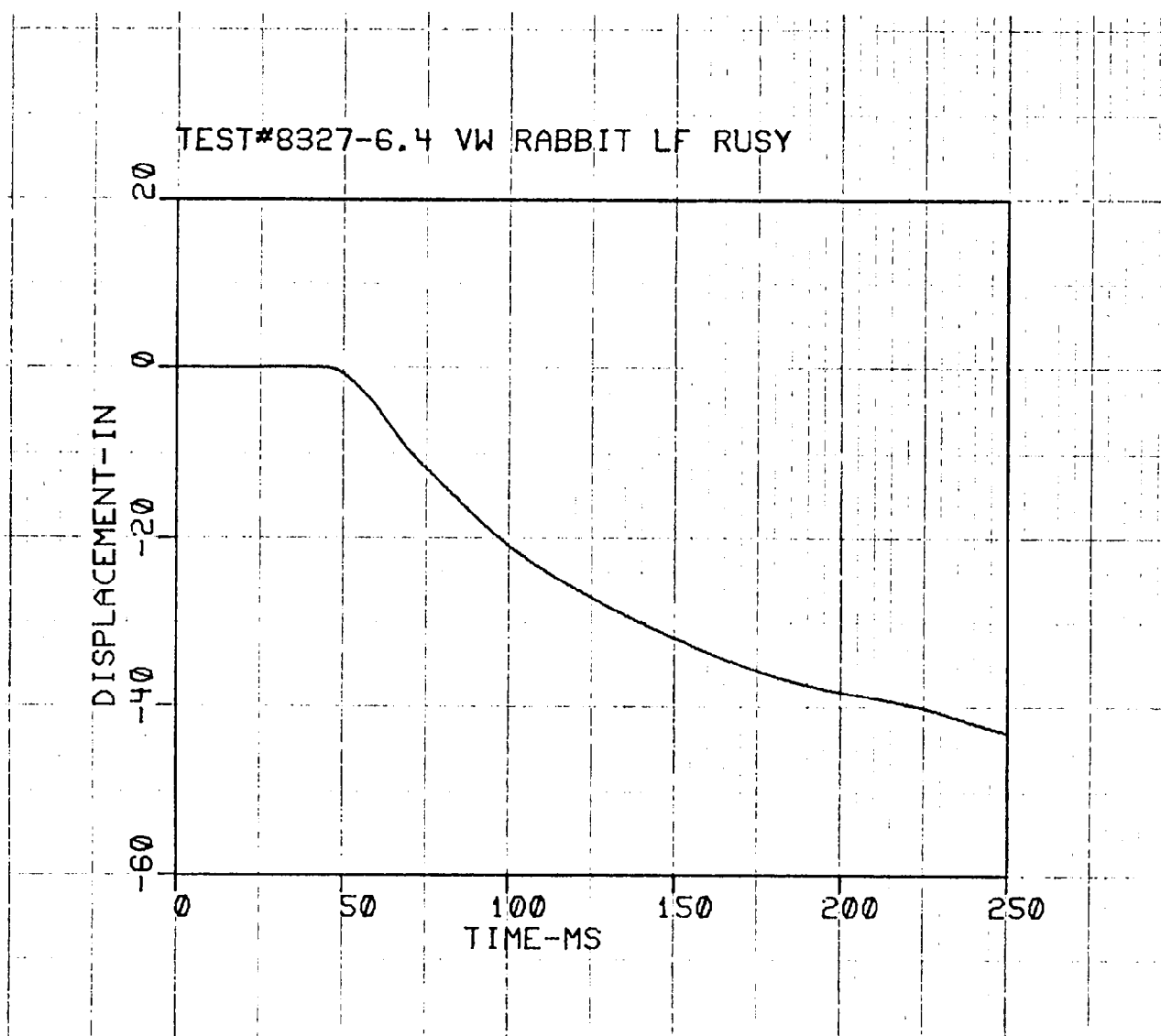


TEST#8327-6.4 VW RABBIT LF RUGY

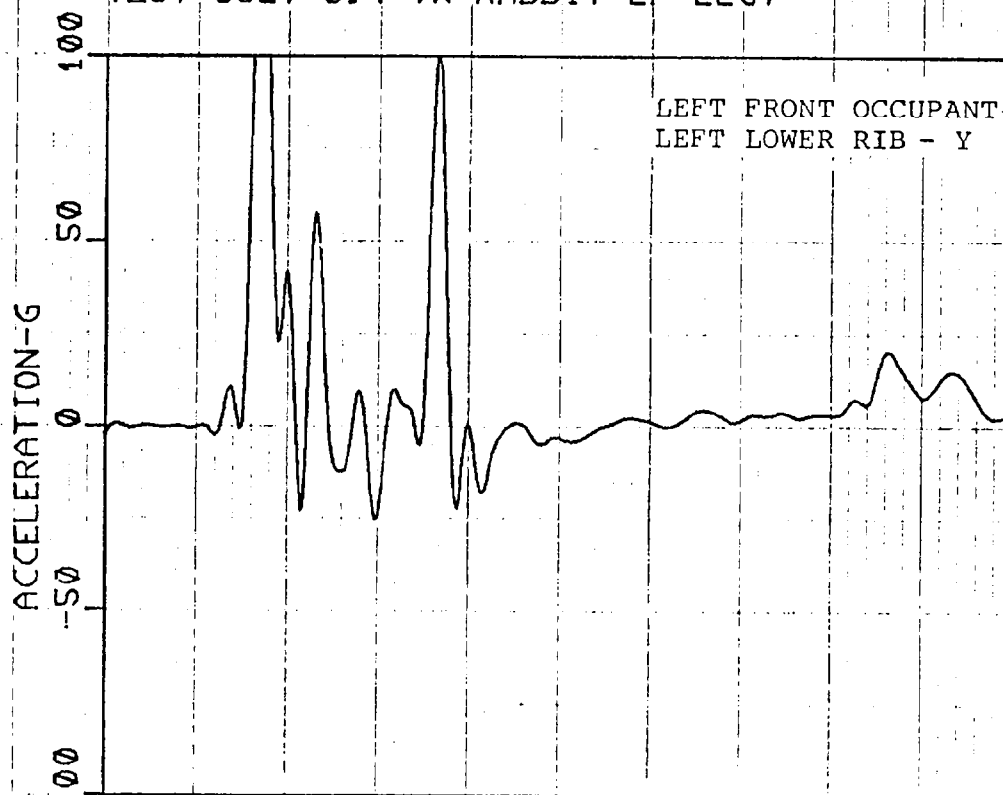


TEST#8327-6.4 VW RABBIT LF RUVY

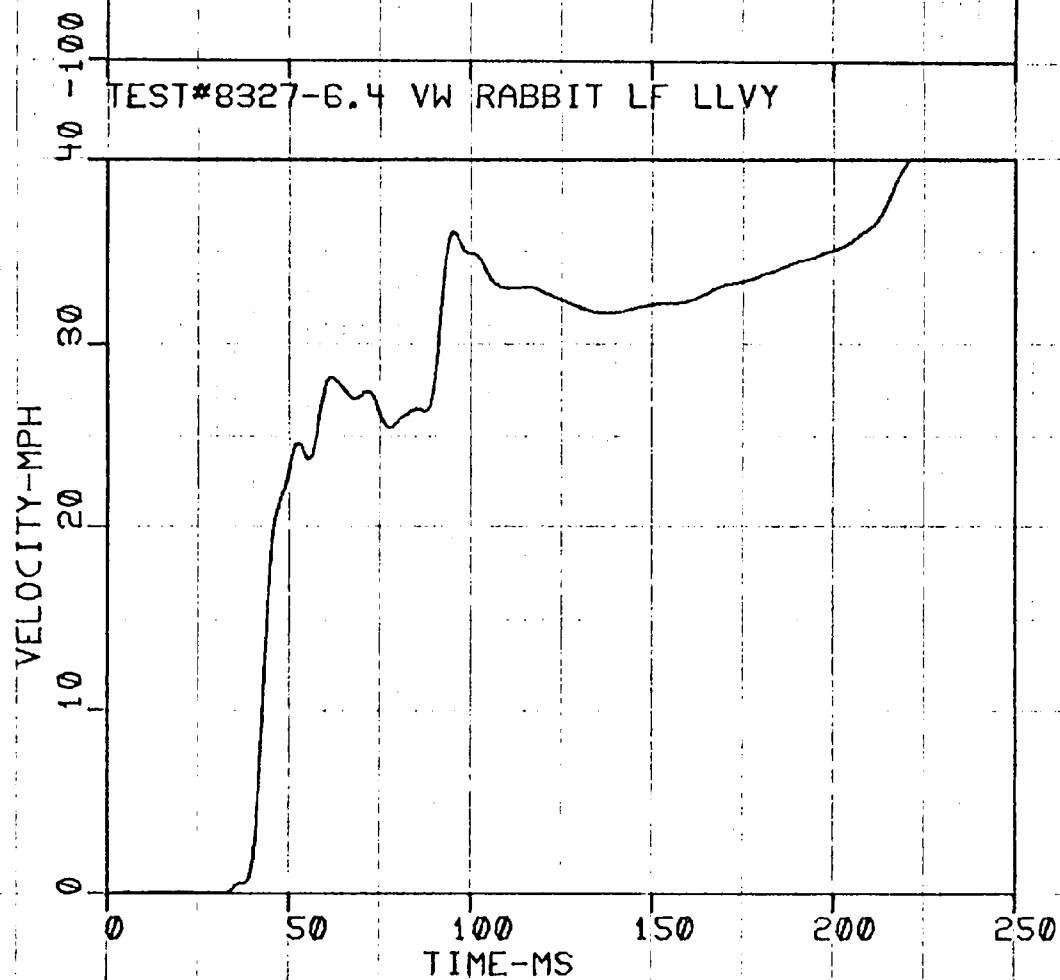


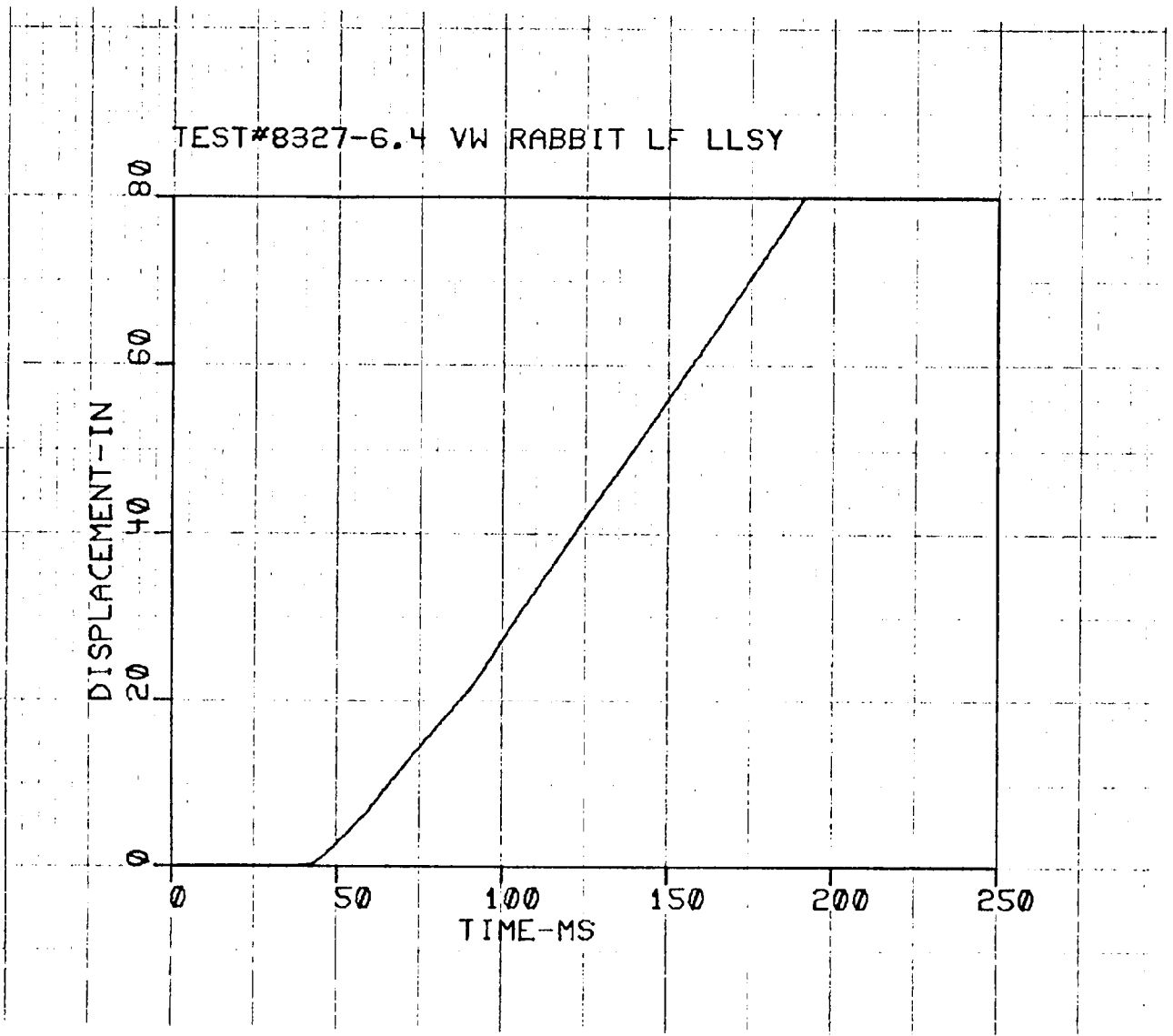


TEST#8327-6.4 VW RABBIT LF LLGY

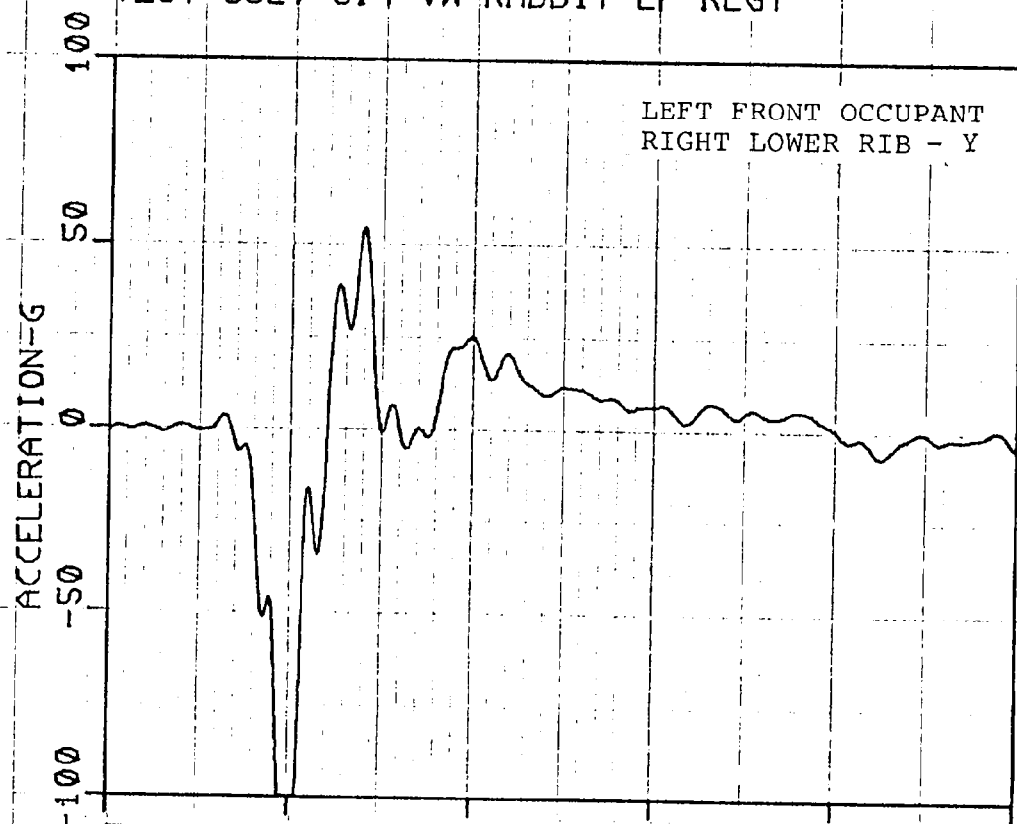


TEST#8327-6.4 VW RABBIT LF LLVY

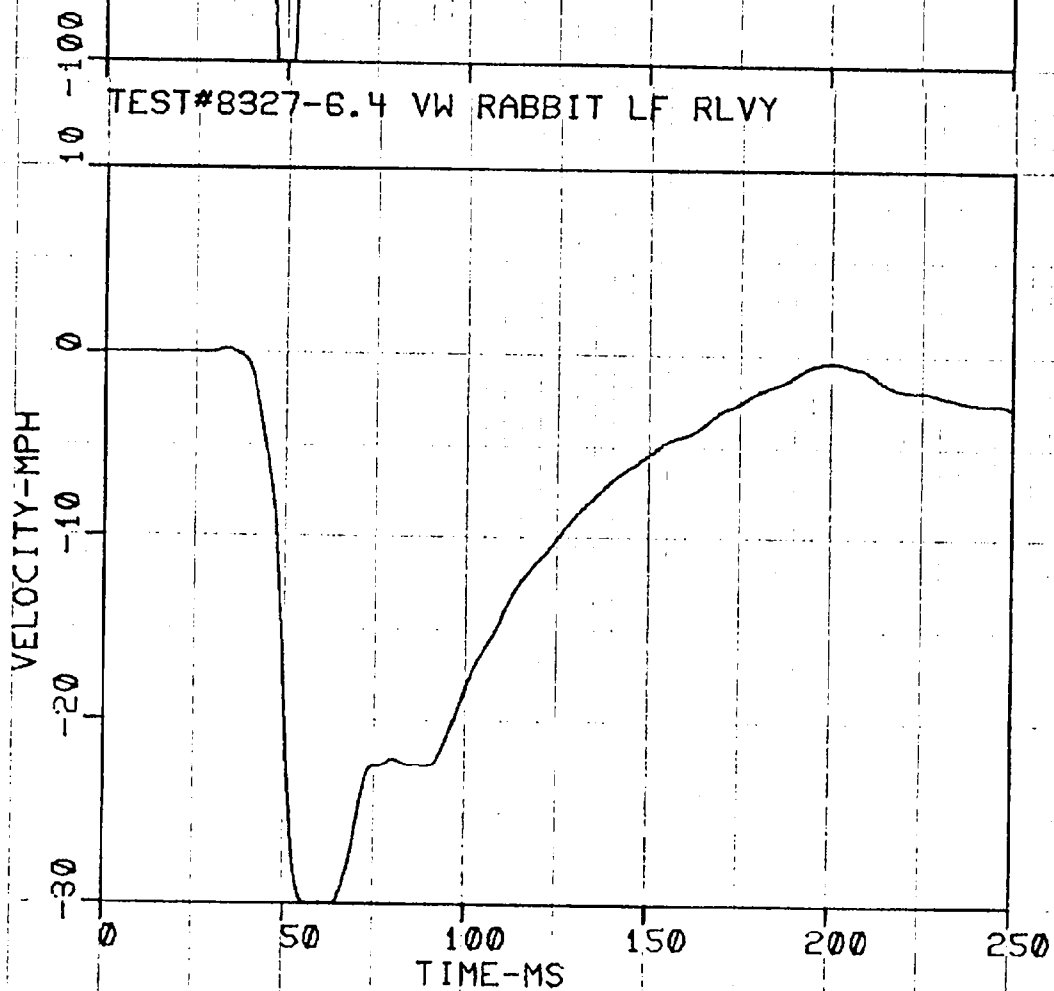


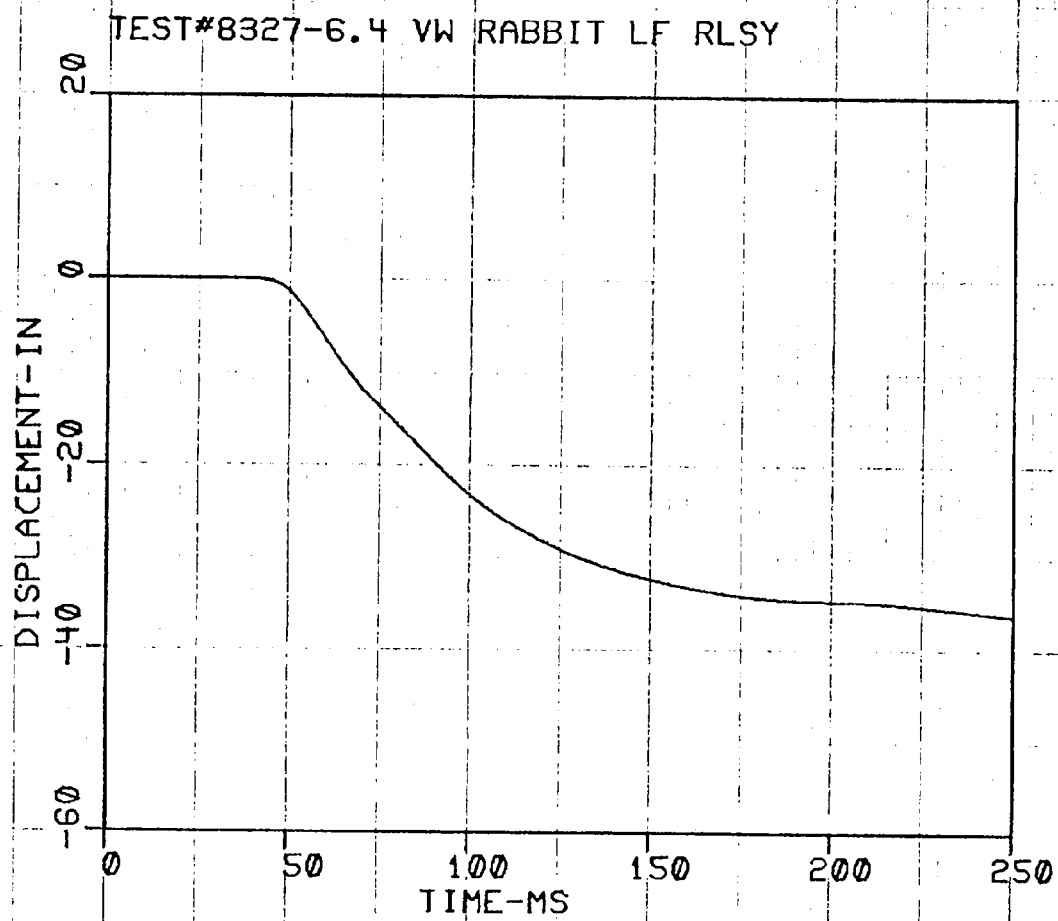


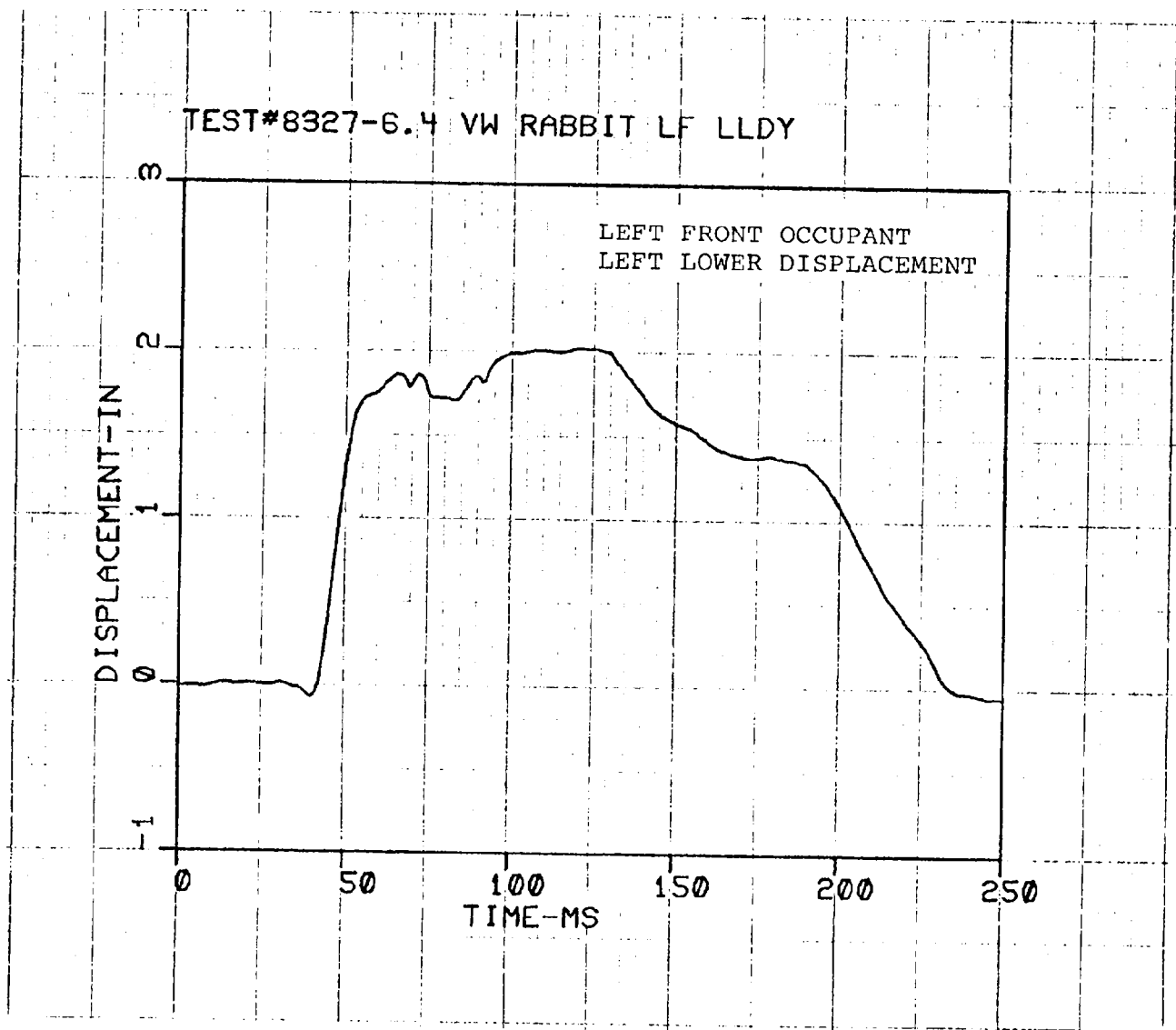
TEST#8327-6.4 VW RABBIT LF RLVY



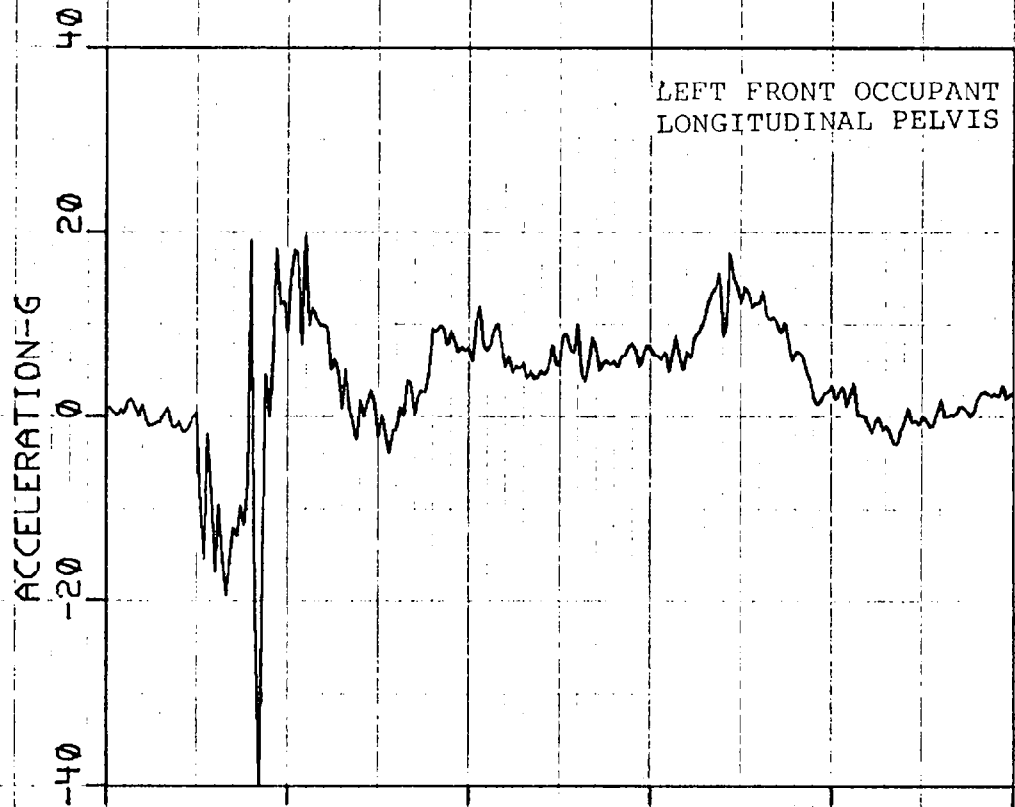
TEST#8327-6.4 VW RABBIT LF RLVY



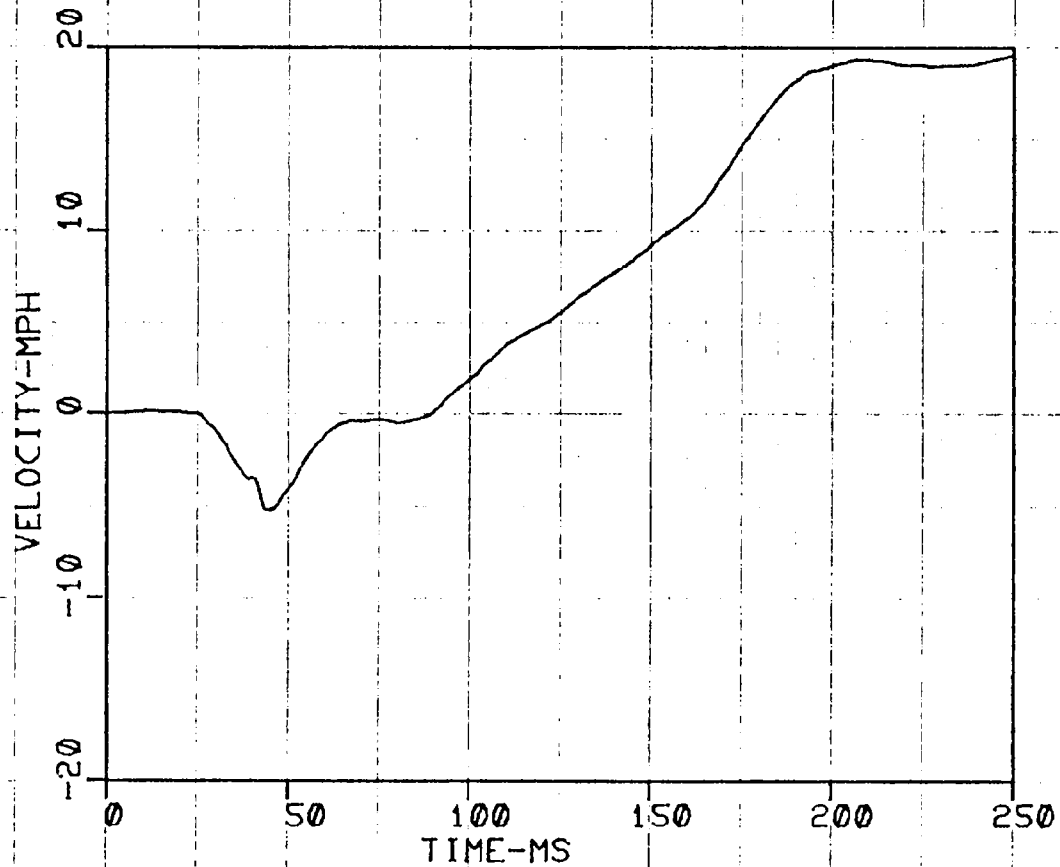


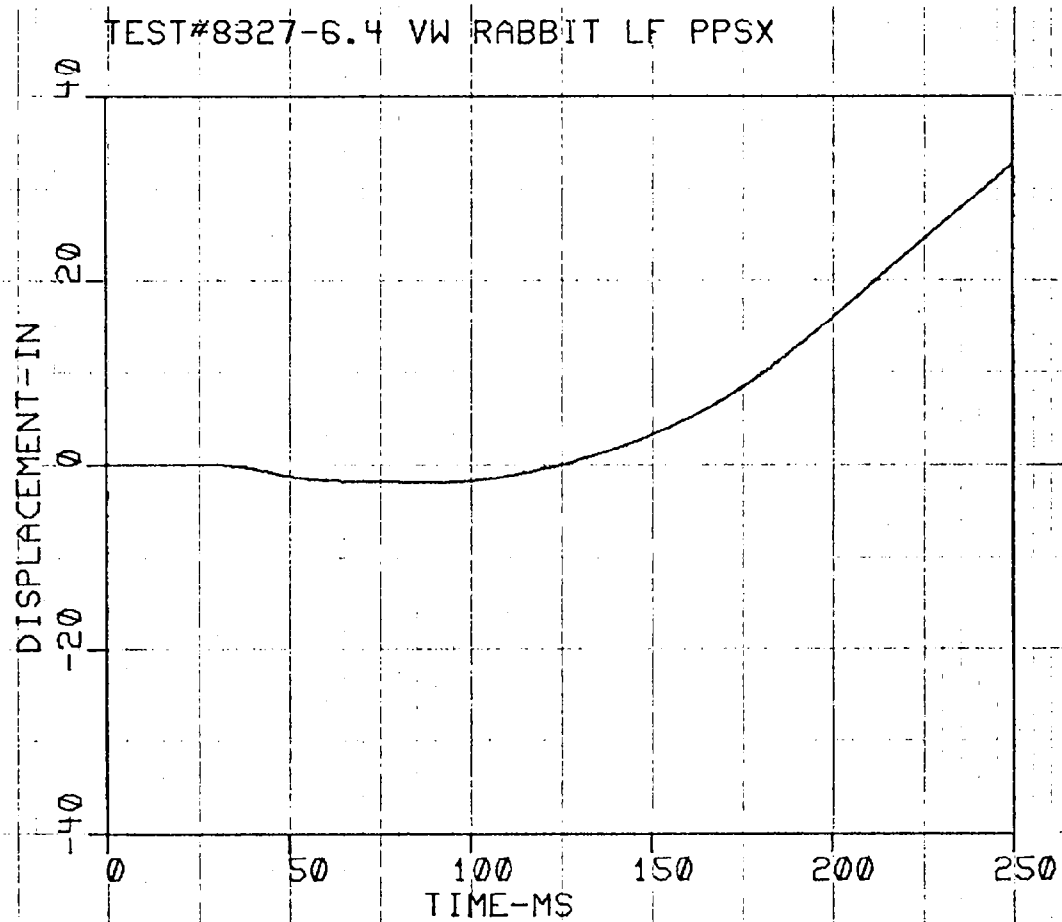


TEST#8327-6.4 VW RABBIT LF PPGX

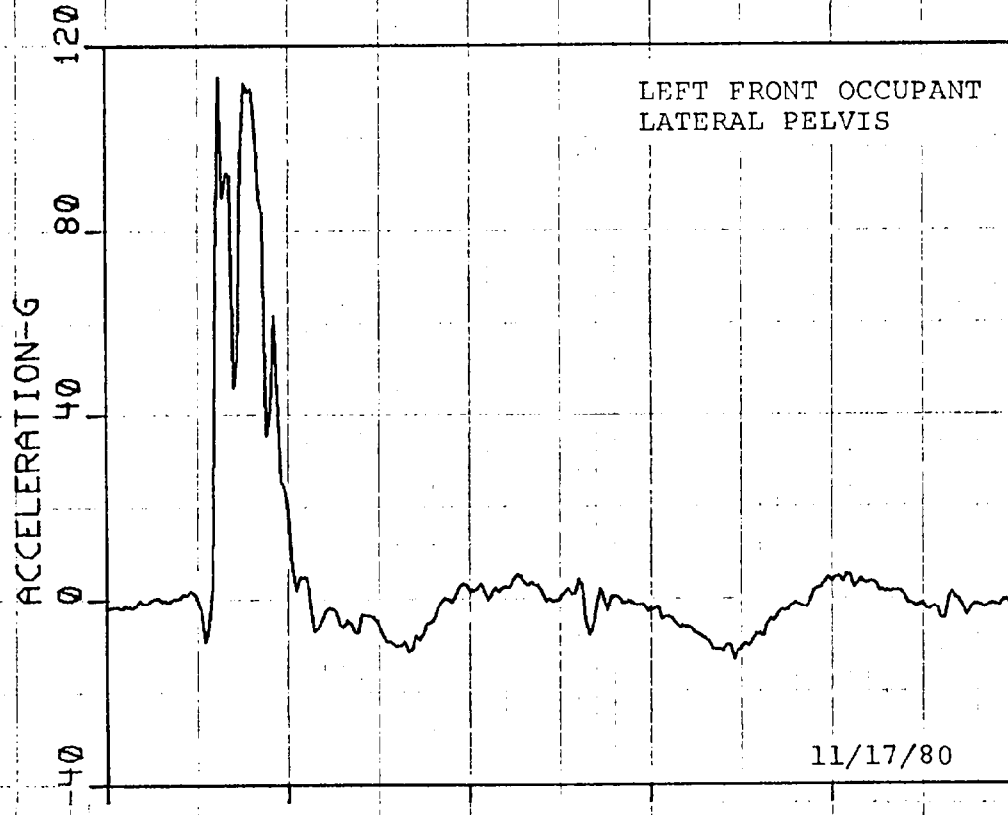


TEST#8327-6.4 VW RABBIT LF PPVX

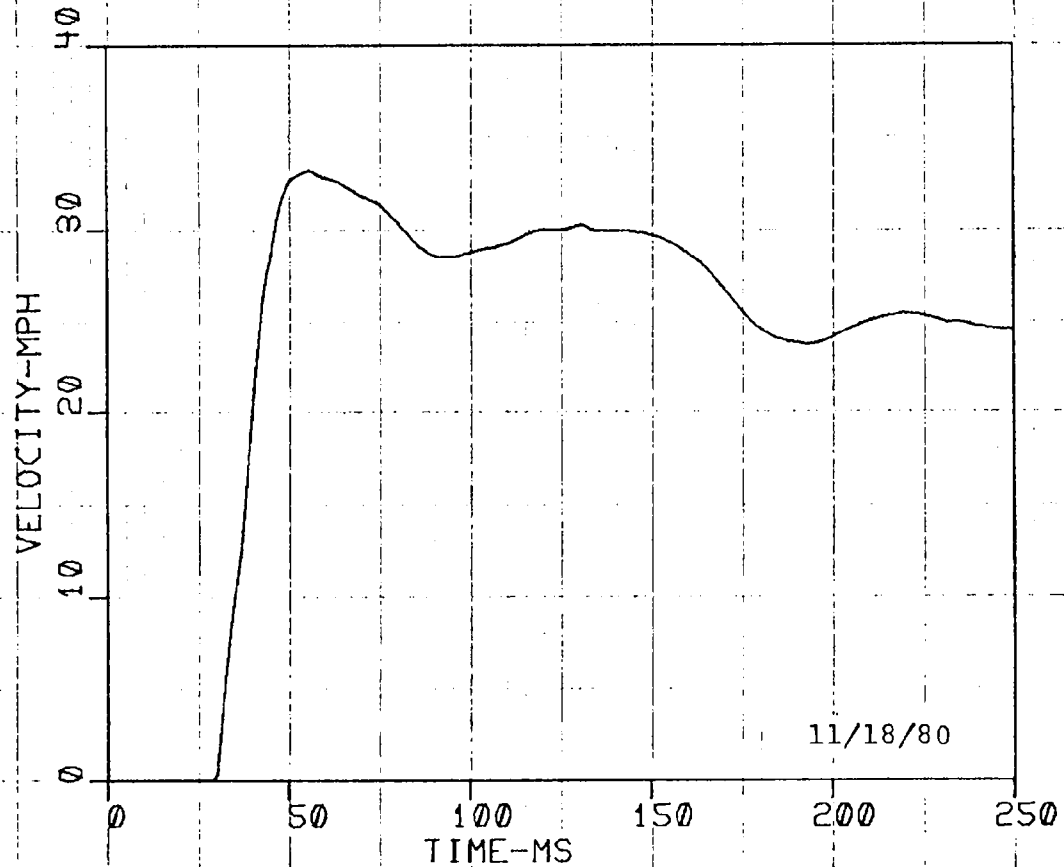


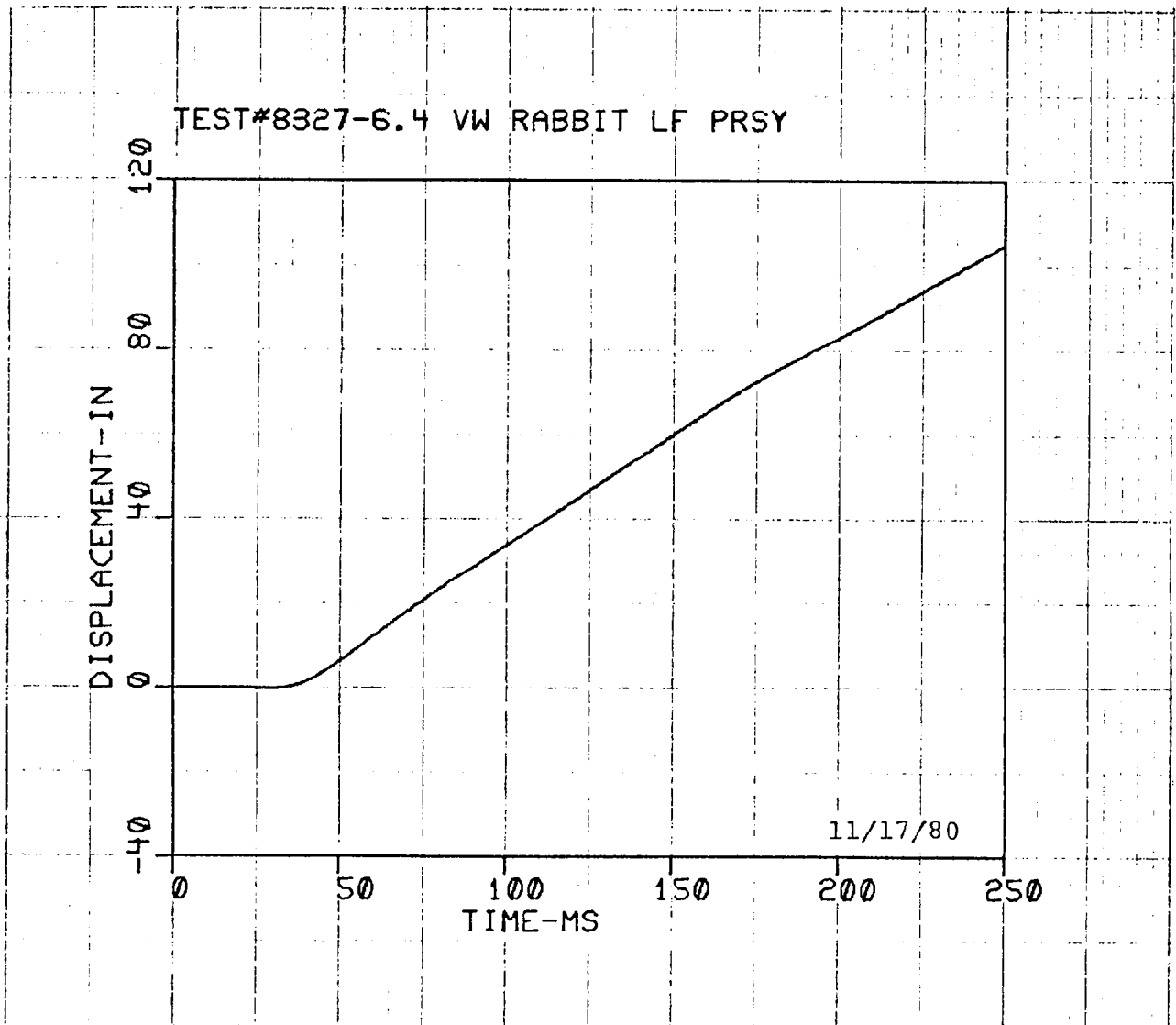


TEST#8327-6.4 VW RABBIT LF PRGY

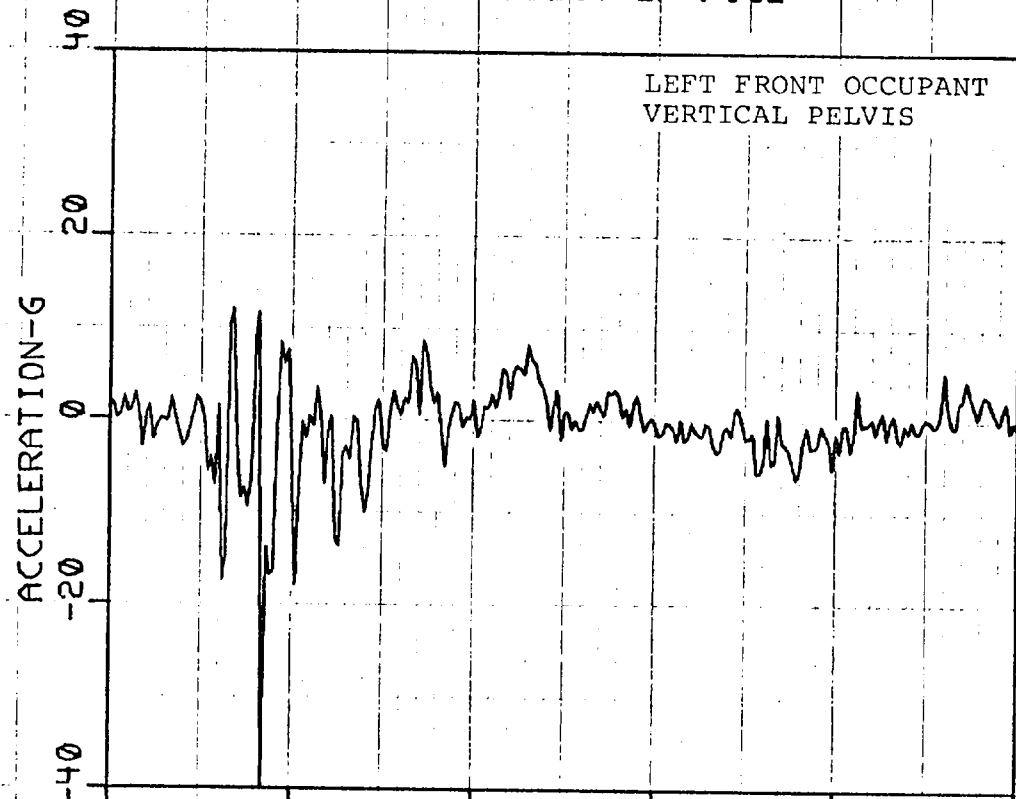


TEST#8327-6.4 VW RABBIT LF PRVY

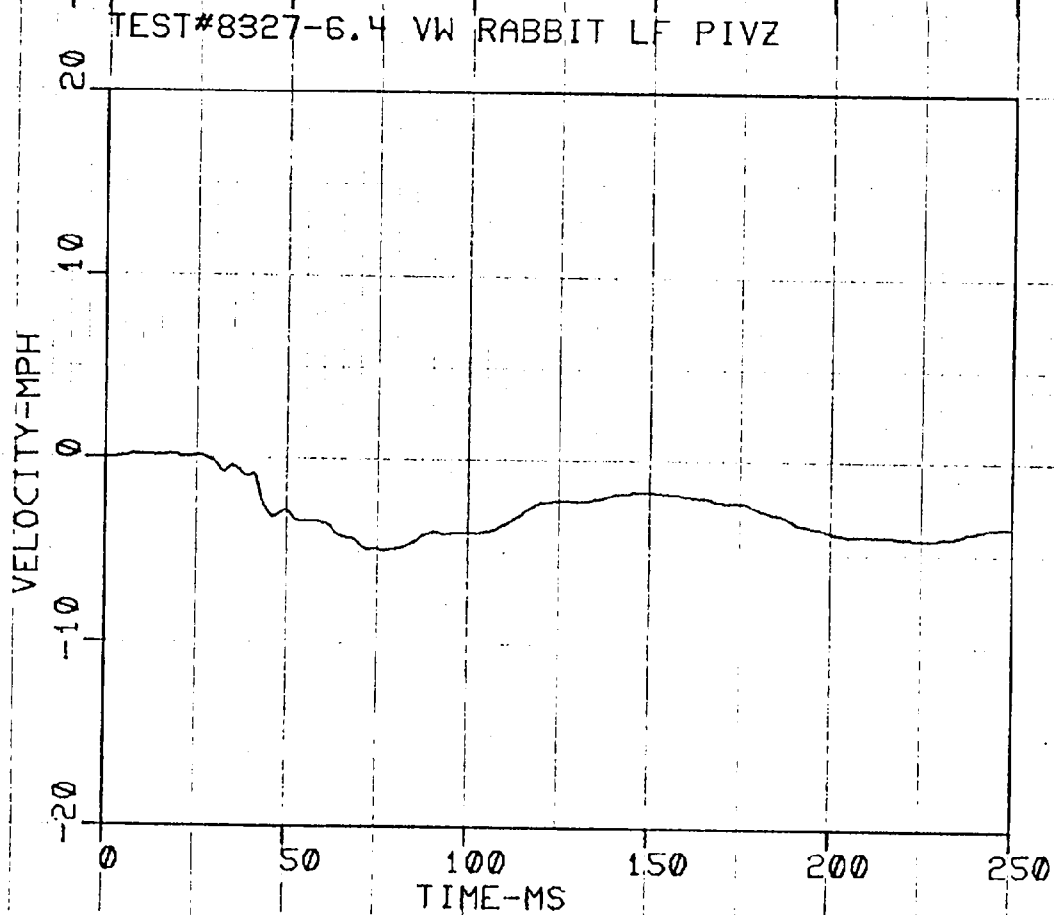


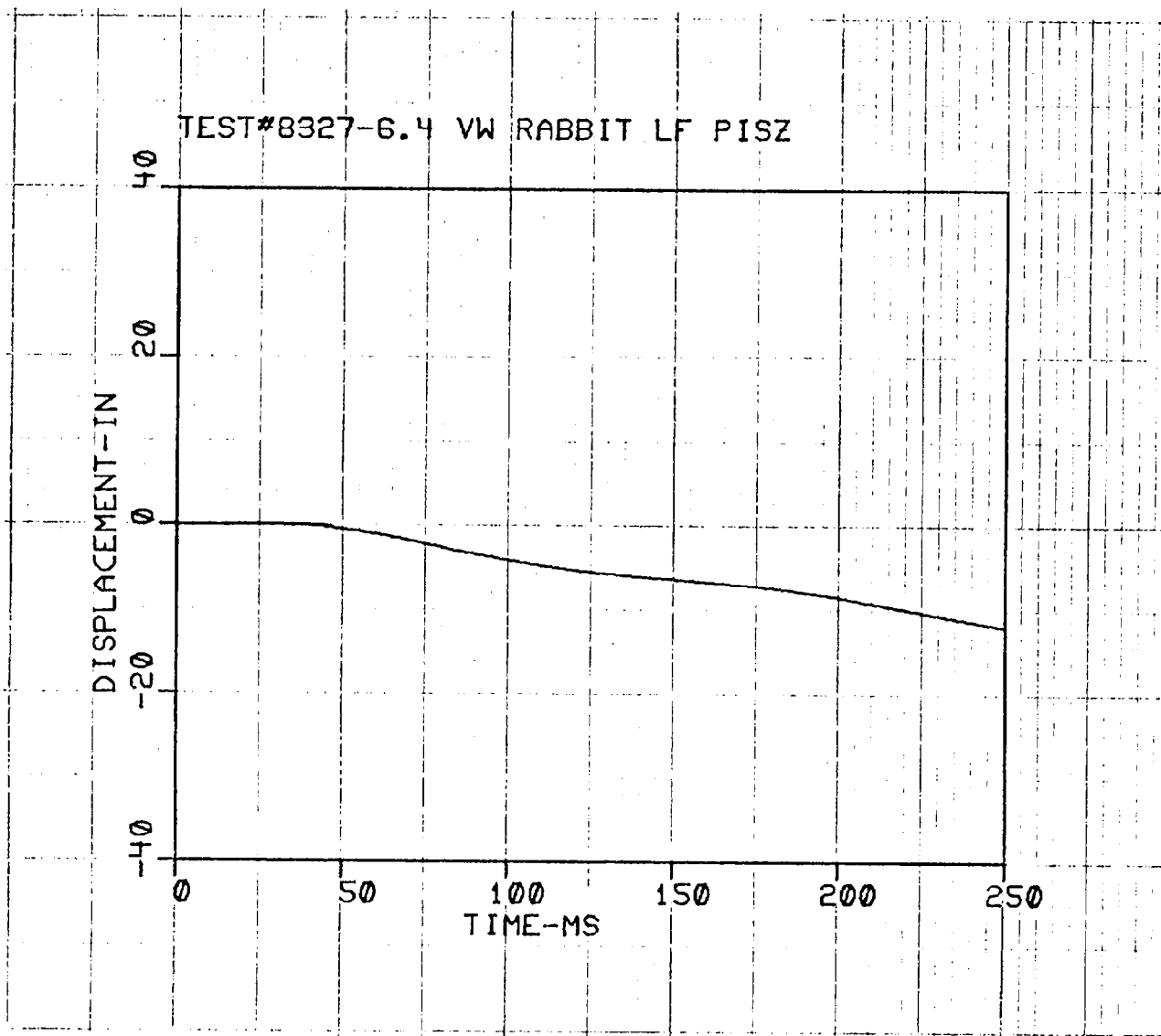


TEST#8327-6.4 VW RABBIT LF PIGZ

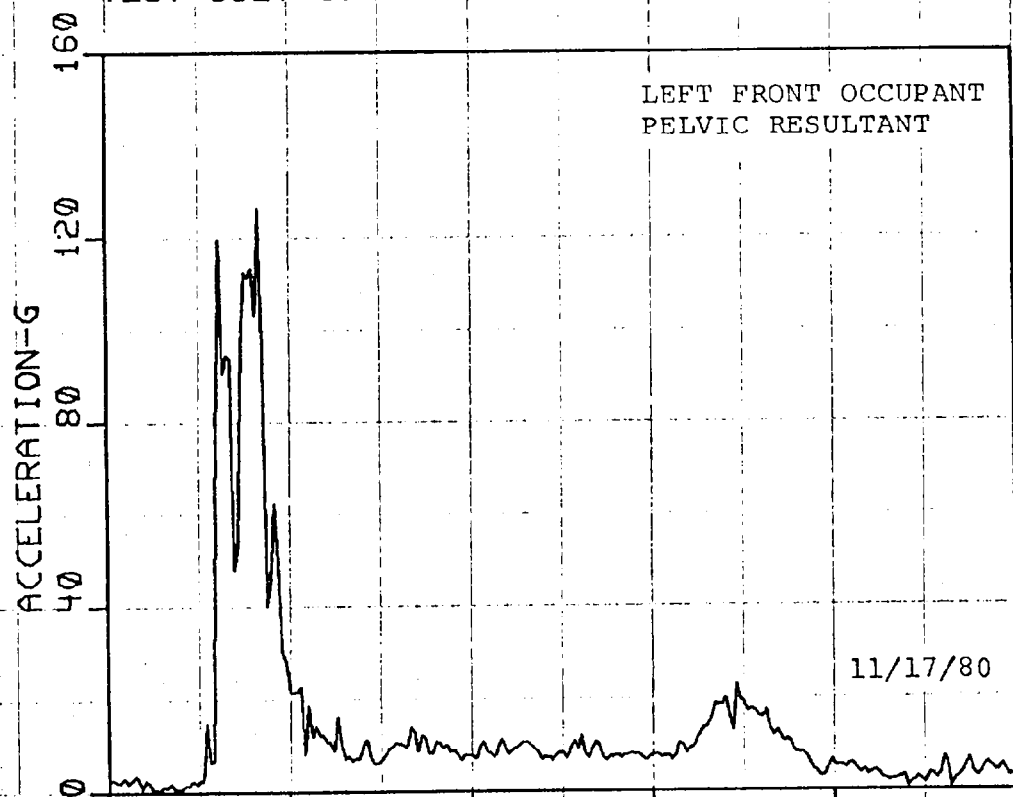


TEST#8327-6.4 VW RABBIT LF PIVZ

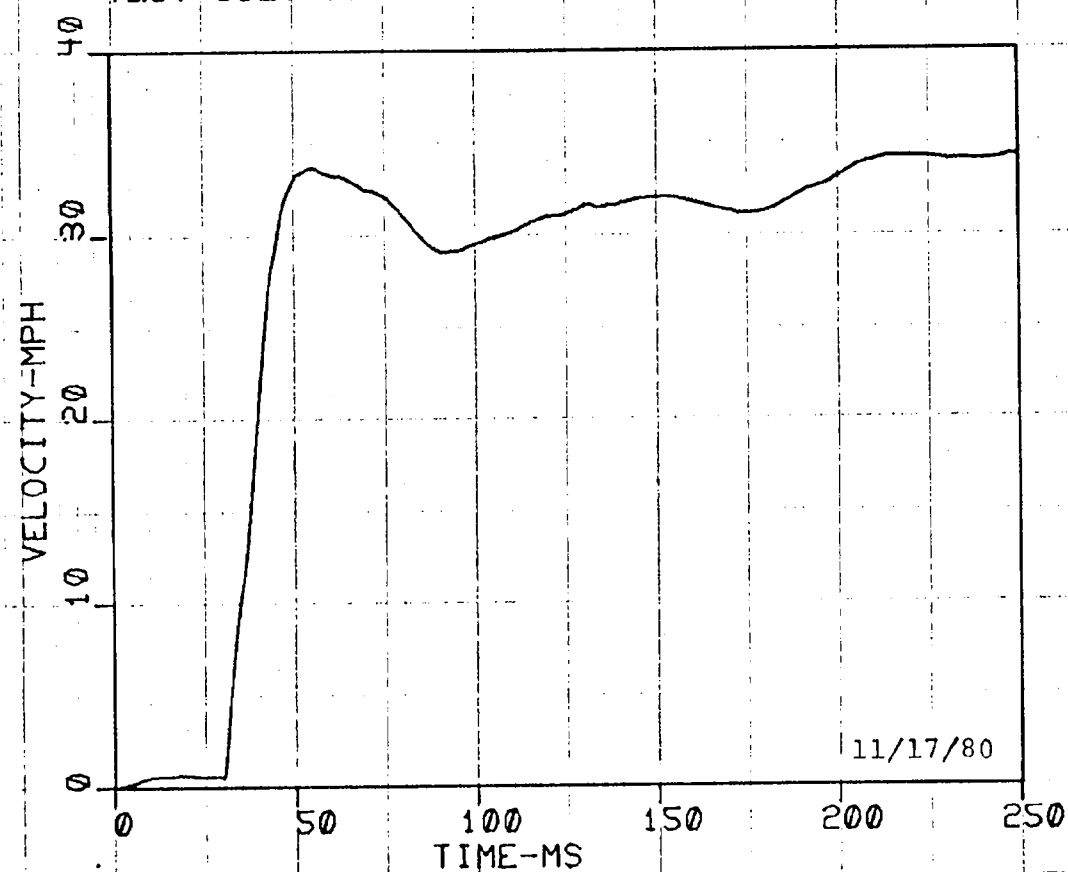


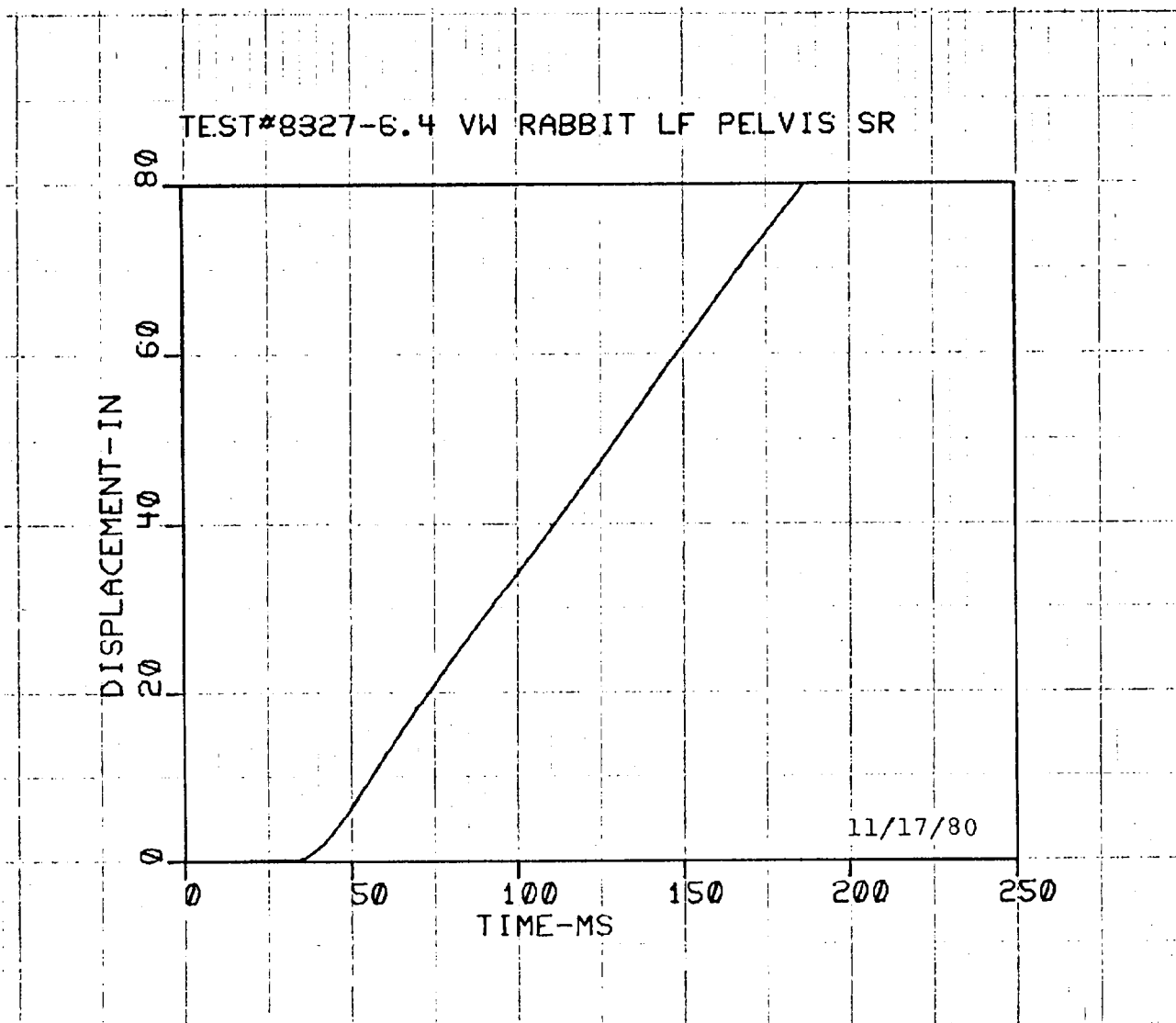


TEST#8327-6.4 VW RABBIT LF PELVIS AR



TEST#8327-6.4 VW RABBIT LF PELVIS VR





NOTE: PART 572 REAR DUMMY
WAS NOT INSTRUMENTED

APPENDIX F

PRE- AND POST-TEST
DUMMY SIDE BUMP DATA
(APR AND SID DUMMIES)

PRE-TEST 6.1 APR III
JULY 30, 1980

RUN #2

10 MS

236.4 g

39.4 g

CAL = 241.25 g/in

BK 48
LUGY

164.1 g

AH 45
RUGY

CAL = 23.20 g/m

48.7 g

PRE-TEST 6.1 APR III
JULY 30, 1980
RUN #3

10 MS
27.6 g

AE 62

2RGY

AF 81

1RGY

26.0 g

PRE-TEST 6.1 SID 386
JULY 30, 1980

RUN #1

13.94 FPS

10 MS

21.4 g

CAL = 25.2 g/in.

AN37

LUGY

CAL = 14.5 g/in.

AN 77

RUGY

18.9g

F-4

11 12 13 14 15 16 17 18 19 20

PRE-TEST 6.1 SID 386
JULY 30, 1980

RUN #2

10 MS

30.4 g

AL 43

LOWER SPINAL RIGHT

18.3 g

AJ 23

UPPER SPINAL RIGHT

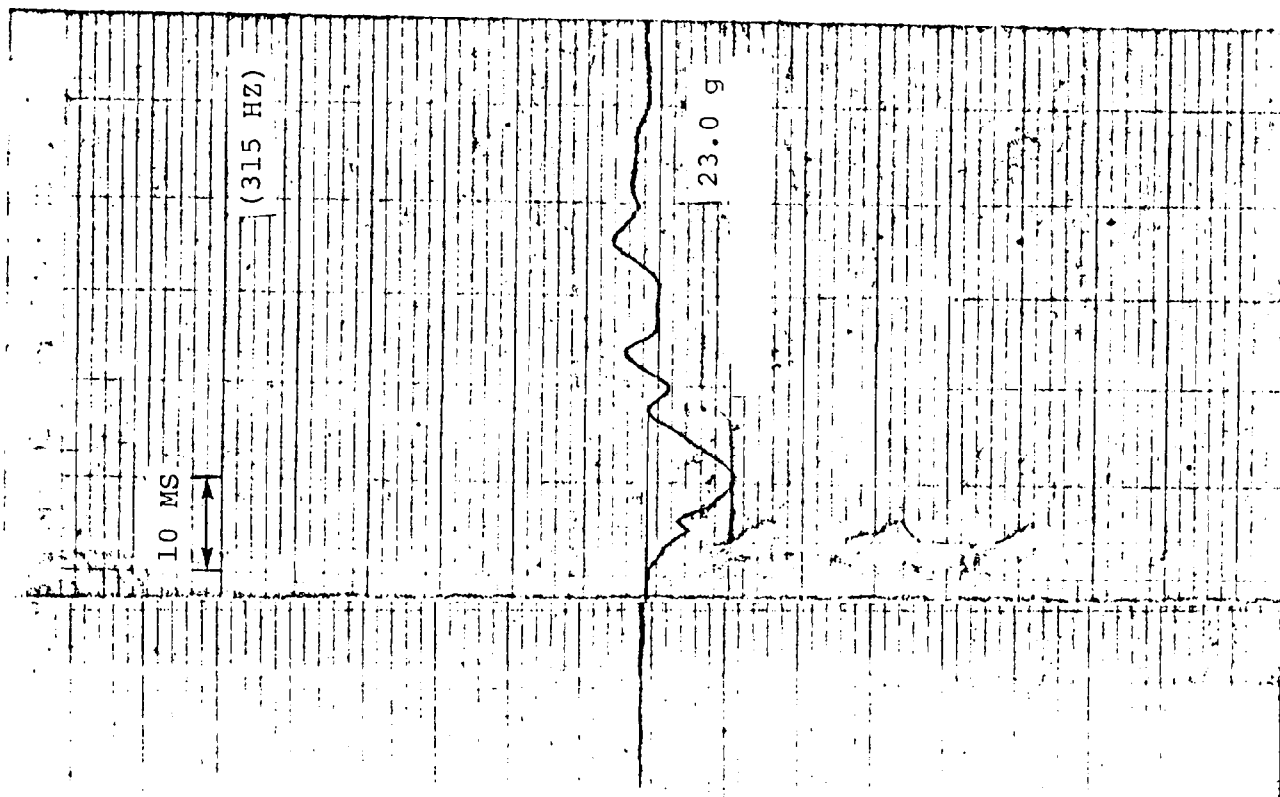
29.2 g

PRE-TEST 6.2 SID IV
AUGUST 13, 1980

CAL = 47.9 g/in.

(CH3)

1RGY



PRE-TEST 6.2 SID IV
AUGUST 13, 1980

10 MS

(315 HZ)

59 g

CAL = 37.3 g/in.

(CH2)

LUGY

35.5 g

PRE-TEST 6.2 SID IV
AUGUST 13, 1980

10-12-13

(315 HZ)

10 MS

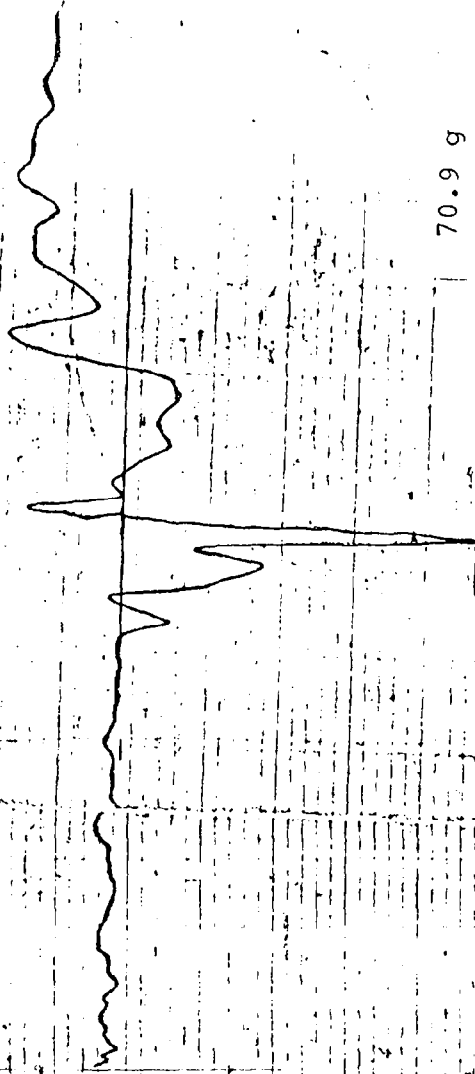
CAL = 58.1 g

F-8

(CH1)

RURY

70.9 g



PRE-TEST 6.2 SID IV
AUGUST 13, 1980

1 2 3 4

(315 HZ)

10 MS

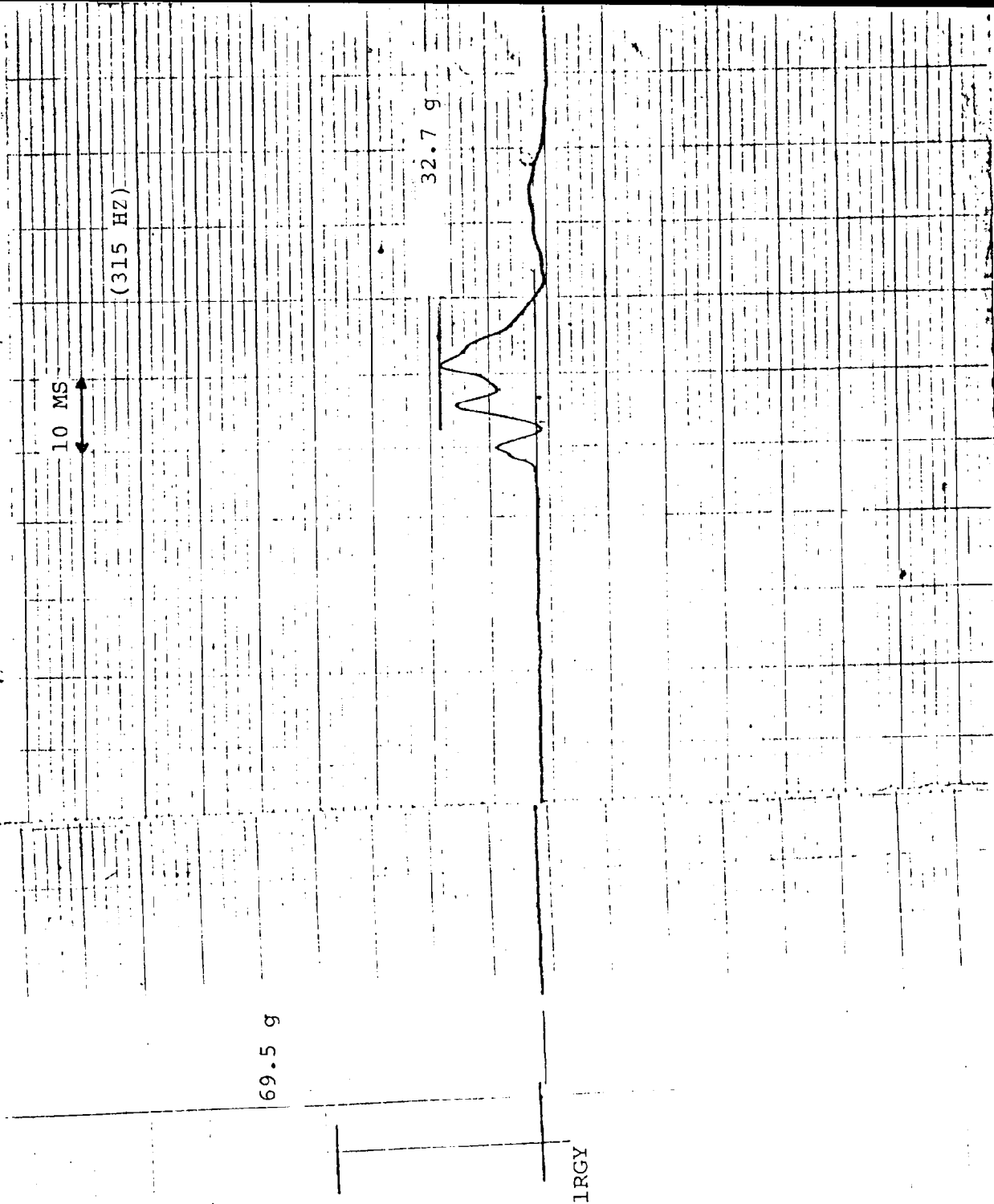
CAL = 79 g

(CH4)

2RGY

23.7 g

PRE-TEST 6.2 APR III
AUGUST 13, 1980



PRE-TEST 6.2 APR III
AUGUST 13, 1980

10 MS

(315 HZ)

CAL = 44.8

21.2 g

2 RGY

PRE-TEST 6.2 APR III
AUGUST 13, 1980

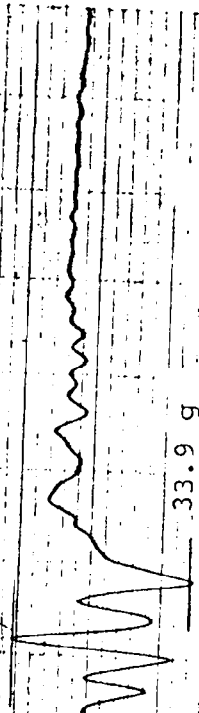
10 MS

(315 HZ)

CAL = 86.9 g

RUGY

33.9 g



PRE-TEST 6.2 APR III
AUGUST 13, 1980

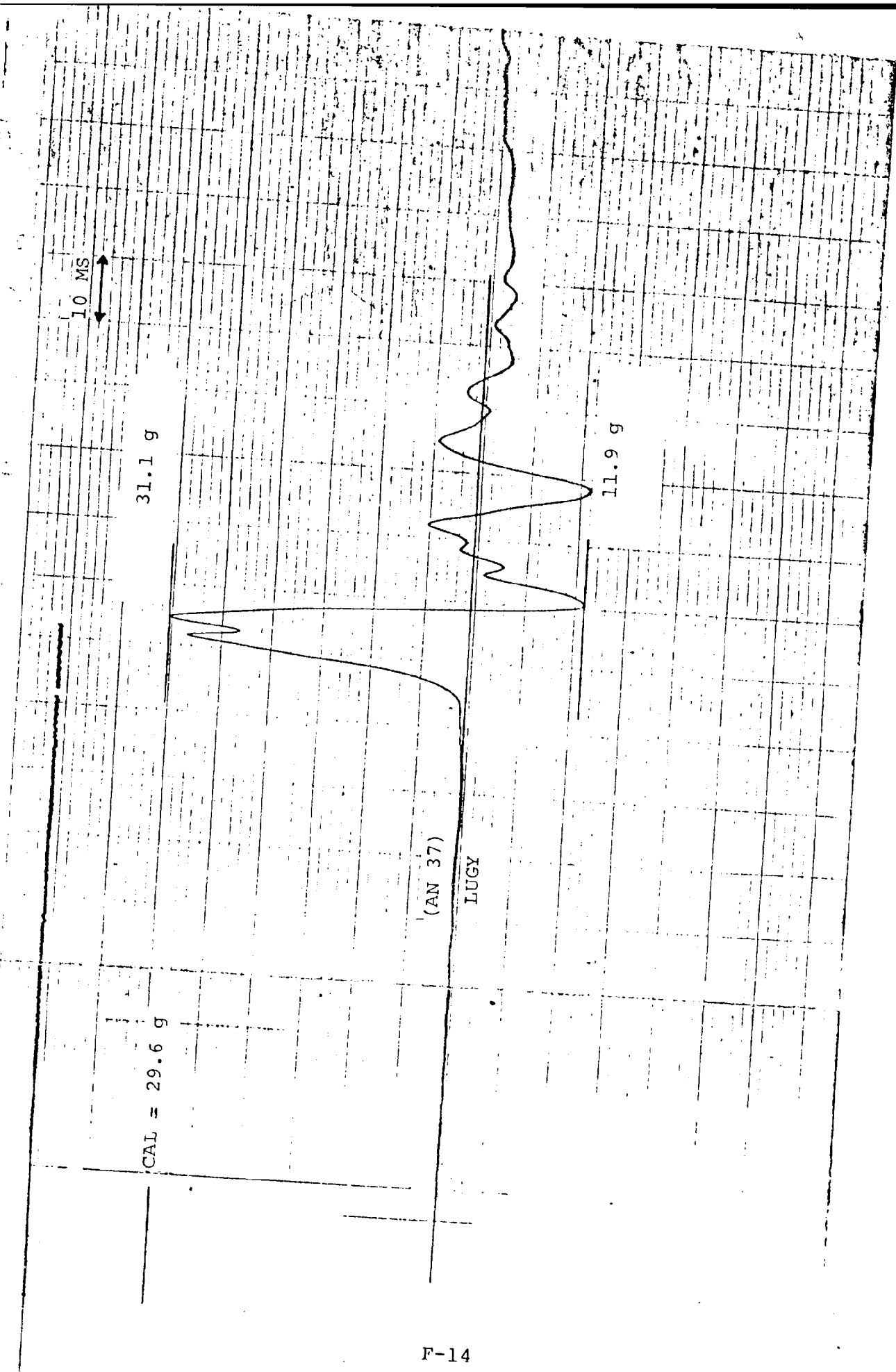
10 MS

141.2 g

(315 HZ)

LUGY

PRE-TEST 6.3 SID IV
AUGUST 18, 1980



PRE-TEST 6.3 SID IV
AUGUST 18, 1980

CAL = 29.1 g

10 MS

9.0 g

(AN 77)

RUGY

22.6 g

PRE-TEST 6.3 SID IV
AUGUST 18, 1980

CAL = 35.9 g

(AJ 23)

IRGY

24.41 g

10 MS

PRE-TEST 6.3 SID IV
AUGUST 18, 1980

EVENT

CAL = 39.5 g

20.93 g

(AL 43)

2RGY

10 MS

PRE-TEST 6.3 APR III
AUGUST 18, 1980

EVENT

CAL = 44.84 g

21.97 g

(AF62)

2RGY

10 MS

PRE-TEST 6.3 APR III
AUGUST 18, 1980

EVENT

10 MS

CAL = 34.77 g

23.29 g

20.86 g

(AF81)

1RGY

PRE-TEST 6.3 APR III
AUGUST 18, 1980

EVENT

41.4 g

CAL = 43.5 g

4.8 g

(AH45)

RUGY

29.0 g

37.9 g

47.2 g

PRE-TEST 6.3 APR III
AUGUST 18, 1980

EVENT

10 MS

88.63 g

CAL = 37.24 g

(AR50)

LUGY

70.8 g

PRE-TEST 6.3 APR III
AUGUST 22, 1980

RUN #4

10
60

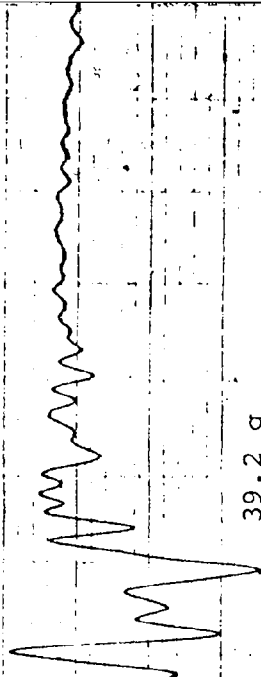
(315 HZ)

EVENT

CAL = 43.54 g

RUGY

39.2 g



PRE-TEST 6.3 APR III
AUGUST 22, 1980

RUN #4

10 MS

(315 HZ)

CAL = 34.83 g

0.85 = 29.6 g

F-23

1RGY



PRE-TEST 6.3 APR III
AUGUST 22, 1980

RUN #4

EVENT

(315 HZ)

10 MS

CAL = 44.8 g

29.1 g

2RGY

RE-TEST 6.3 APR III
UGUST 22, 1980
UN #4

10 MS

(315 HZ)

153 g

LUGY

CAL = 128.6 g

PRE-TEST 6.4 SID IV
AUGUST 26, 1980

4 5 6 7 8

10 MS

CAL = 32.7 g/in

(AJ23)

1RGY

16.68 g

-TEST 6.4 SID IV
UST 26, 1980

CAL = 32.9 g/in.

21.8 g

2RGY

PRE-TEST 6.4 SID IV
AUGUST 26, 1980

10 MS

29.0 g

CAL = 25.7 g/in.

(AN37)

LUGY

9.4 g

PRE-TEST 6.4 SID IV
AUGUST 26, 1980

U.S. 0.1 0.1

10 MS

EVENT

48.5 g/in.

RUGY

3.9 g

21.7 g

PRE-TEST 6.4 APR III
AUGUST 26, 1980

0.1 0.1 .01

28.7 g

CAL = 30.3 g/in.

(AF81)

IRGY

PRE-TEST 6.4 APR III
AUGUST 26, 1980

3 4

10 MS

CAL = 37.4 g/in.

(AE62)

2RGY

RE-TEST 6.4 APR III
UGUST 26, 1980

10 MS



126.7 g

CAL = 128.9 g/in.

LUGY

113.0 g

PRE-TEST 6.4 APR III
AUGUST 26, 1980

10 MS

46.5 g

RUGY

54.4 g

CAL = 42.9 g/in.

POST-TEST 6.4 SID IV
SEPTEMBER 18, 1980

0.1 .01

10 MS

CAL = 42.3 g/in.

9.34 g

IRGY

20.1 g

12
5m

POST-TEST 6.4 SID IV
SEPTEMBER 18, 1980

EVENT

26.1 g

CAL = 46.5 g/in.

2RGY

7.82 g

10 17 18

POST-TEST 6.4 SID IV
SEPTEMBER 18, 1980

10 MS

CAL = 68.5 g/in

(AN77)

RUGY

8.29 g

26.795 g

0.1
sec

POST-TEST 6.4 SID IV
SEPTEMBER 18, 1980

EVENT

10 MS

13 14 15 16 17 18

35.5 g

CAL = 32.8 g/in.

(AN37)

LUGY

14.7 g