CEC 639

19

CHEVROLET ENGINEERING
FINAL TEST REPORT

TEST LOCATION: Laboratory-Body & Structures Projects

REPORT NO. 001-000-082-008-T

T.W.O. NO. 62701-233

TO: J. R. Abel (REQUESTING ENGR.) — A. D. Mummert (ASS'T. STAFF ENGR.)

DATE 9-4-81

Test Date: 29JL81

SUBJECT: 0130 - Roof Crush Resistance - Passenger Vehicles (TEST NO. AND NAME) — Body-In-White (PART NAME)

Buck S-40833	-	Proto.	CEC	1982-S Truck
PART NO.	DRAWING DATE	STATUS	SOURCE	YEAR & PRODUCT LINE

ENGINE: - (CU IN.) / - (RPO) — TRANSMISSION: - — AXLE: - (TYPE) / - (RATIO)

5000 Lb. Within 5 Inches Of Crush	Per GMUTS L-C01-216G Sec 3.3, September 1974	216
TEST STANDARD	TEST CONDITIONS	MVSS-GSA

OBJECT OF TEST

To determine if the 1982-S truck roof panel meets the requirements of MVSS 216. At the present time, trucks are not required to comply with MVSS 216.

CONCLUSIONS

The 1982-S truck roof met the loading requirements of MVSS 216 (5000 lb. within 5 inches of crush), per the attached Fisher Body Product Testing Laboratory Report No. 131008, Sheets 2 & 3. "After Test" photographs are also attached, Sheets 4 - 6.

ENGINEERING ACTION

None. This test was run for design information only.

MATERIAL TESTED

1982-S Truck Buck S-40833 and Frame.

METHOD OF TEST

Testing was conducted per GMUTS L-C01-216G (Sept. 1974) at the Fisher Body Product Testing Laboratory. Vehicle curb weight was based on the heaviest T-truck due to cab carryover for 1983.

P. D. Minch
Test Engineer

P. J. Kruse
Program Manager

lss

NOV 9 - 1987

Fisher Body | PRODUCT TESTING LABORATORY | GM

TEST REPORT

P.T.L.R. NO. 131008
PROGRAM 82S
DATE 7-30-81
PAGE 1

PRODUCT TESTING LABORATORY

BODY STRUCTURES GROUP

TO: P. D. MINCH CEC L-320

SUBJECT: ROOF CRUSH RESISTANCE TEST , 82S , TRK STYLE

FOREWORD:

A ROOF CRUSH RESISTANCE TEST WAS CONDUCTED FOR ENGINEERING INFORMATION ONLY.

THE TEST WAS CONDUCTED IN ACCORDANCE WITH GENERAL MOTORS ENGINEERING STANDARD VEHICLE AND COMPONENT TEST NUMBER L-C01-216G: ISSUED JANUARY, 1974

RESULTS OF TEST:

DESCRIPTION	PEAK LOAD (LBS.)	DEFLECTION (INCHES)
ROOF TESTED	5384	4.9 IN.

ANY ADDITIONAL COMMENTS OR EXCEPTIONS ARE STATED ON THE NEXT PAGE.

COPIES

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D. E. GRAHAM	110-26	T. H. QUATTRO	157-29
K. M. KURTZ	110-26		

REFERENCE 4740-57

REPORTED BY K. M. Kurtz
K. M. KURTZ

THIS COMPUTER GENERATED REPORT IS NOT VALID UNLESS PROPERLY SIGNED.

R. A. Woods
Approved

ROOF CRUSH RESISTANCE

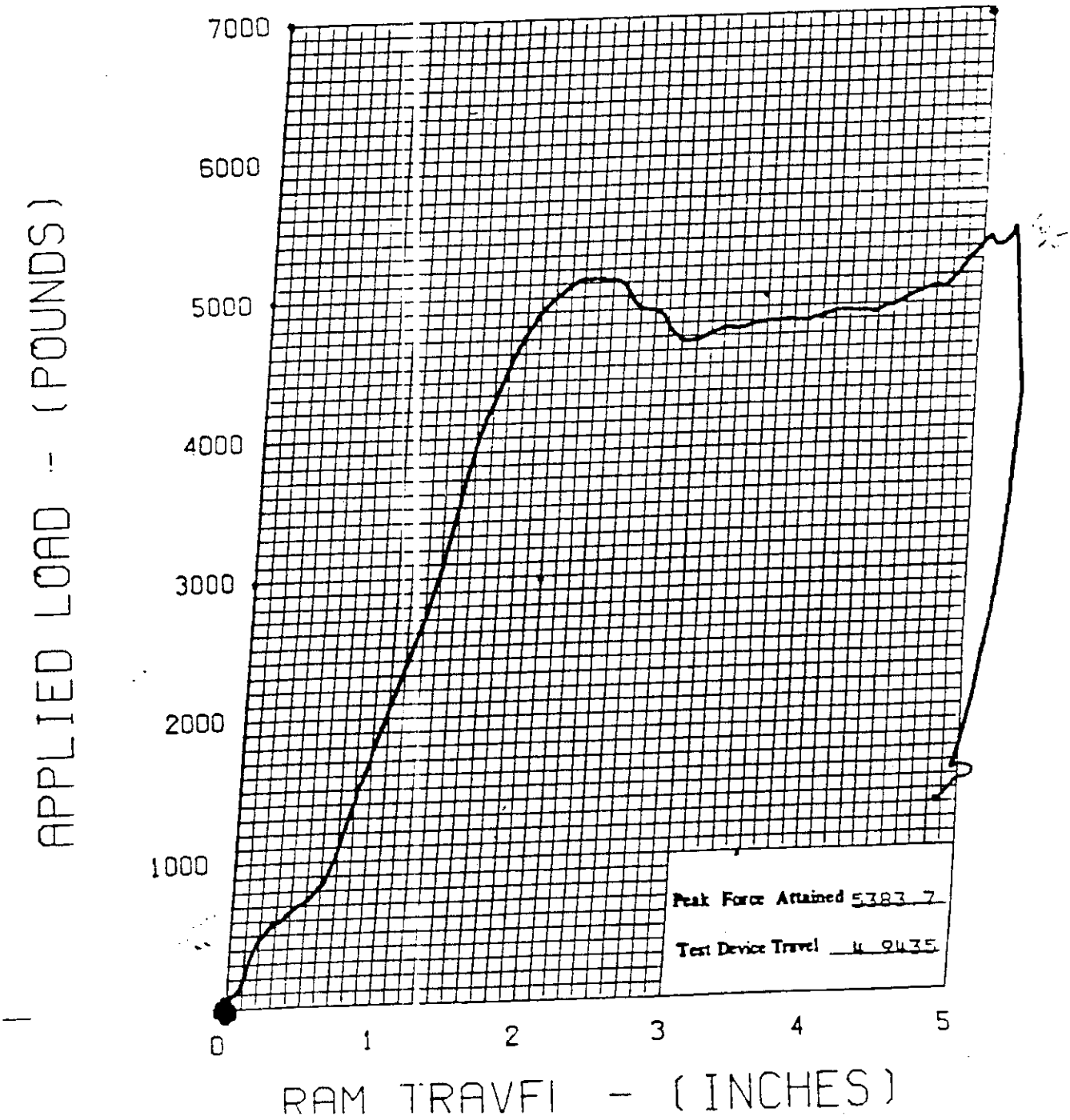
Tested by K. M. KURTZ Date 7-30-81

Vehicle Make CHEV Body Style TRK Year 82S Report No. 131008, PAGE 2

Production ____ Prototype XX Other ____ Complete Vehicle ____

Body With Frame XX Body Alone ____ Left Side ____ Right Side XX

Comments: ____



CHEVROLET
ENGINEERING CENTER
1982 S TRUCK
ROOF CRUSH
TWO 62701-233 8-17-81
PHOTO NO. 21478-
CAUTION

CHEVROLET
ENGINEERING CENTER
1982 S TRUCK
ROOF CRUSH
TWO 62701 .233 8-17-81
PHOTO 21478

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1982 S TRUCK
ROOF CRUSH
TWO 6270I .233 8-17-81