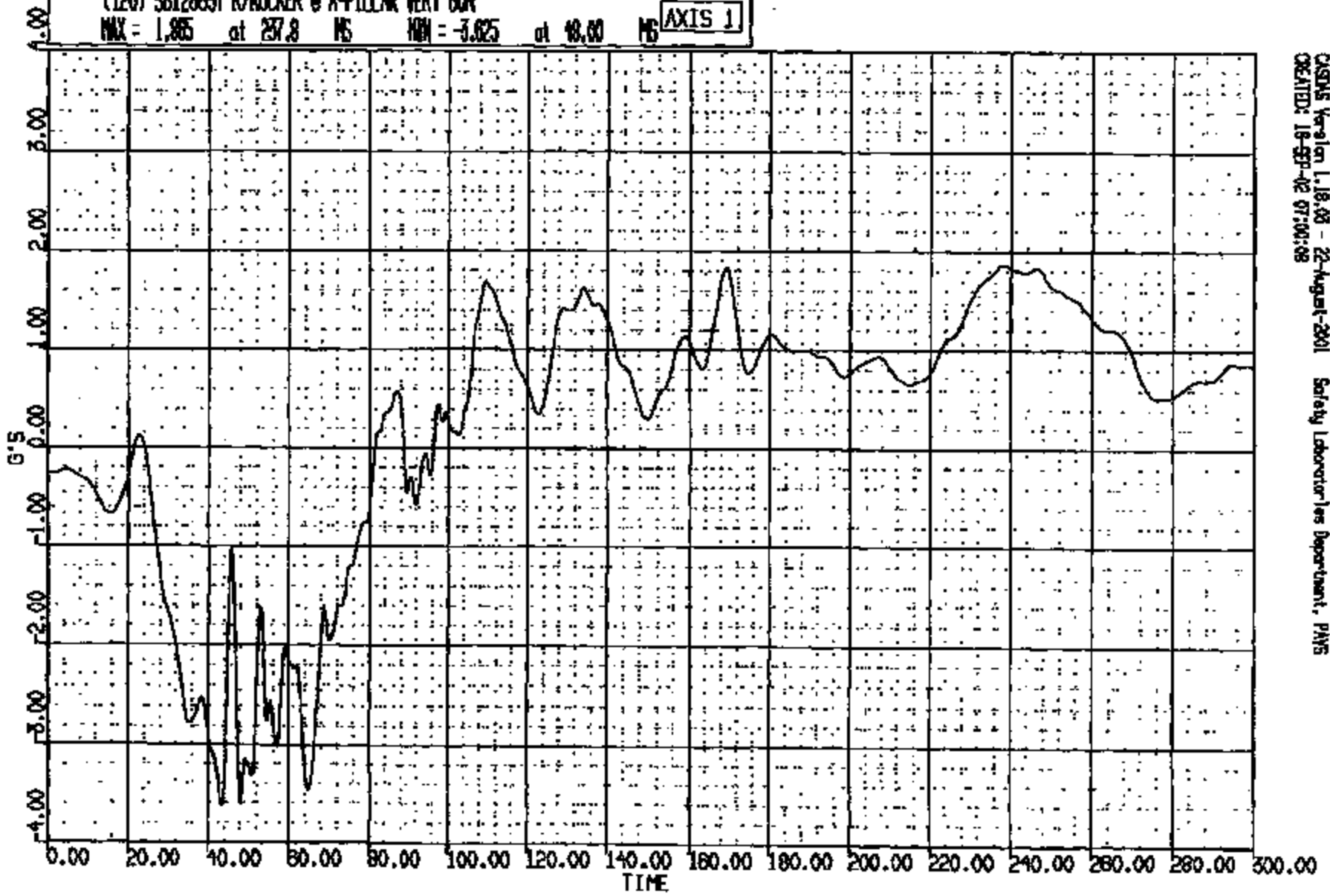


SB R: 12863 TO: JBS310 DATE: 24-APR-2002 09:30:11
2002 EN114

(120) 5812863T R/ROCKER @ A-PILLAR VERT GON
MAX = 1.985 at 237.8 MS MIN = -3.825 at 48.00 MS **AXIS 1**



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 18-SEP-02 07:00:08

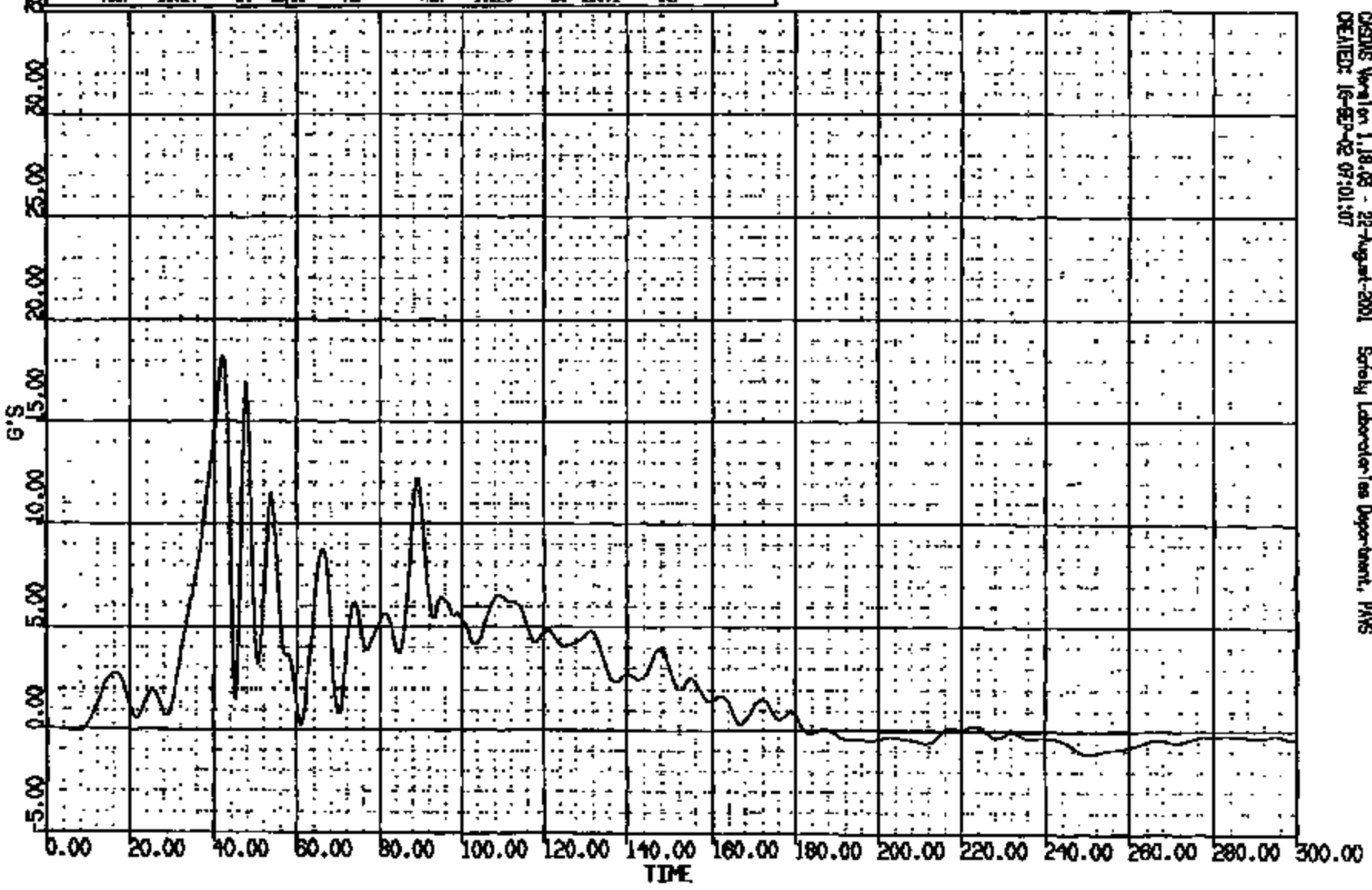
CRTS 0012863

ENTIRE PAGE CONFIDENTIAL

SB R: 12805 TO: JBS310 DATE: 24-APR-2002 09:30:11
2002 EN114

(125) 93128631 R/ROCKER @ B-PILLAR LAT 60N
MAX = 18.21 at 42.00 NS MIN = -1.120 at 250.1 NS

AXIS 1



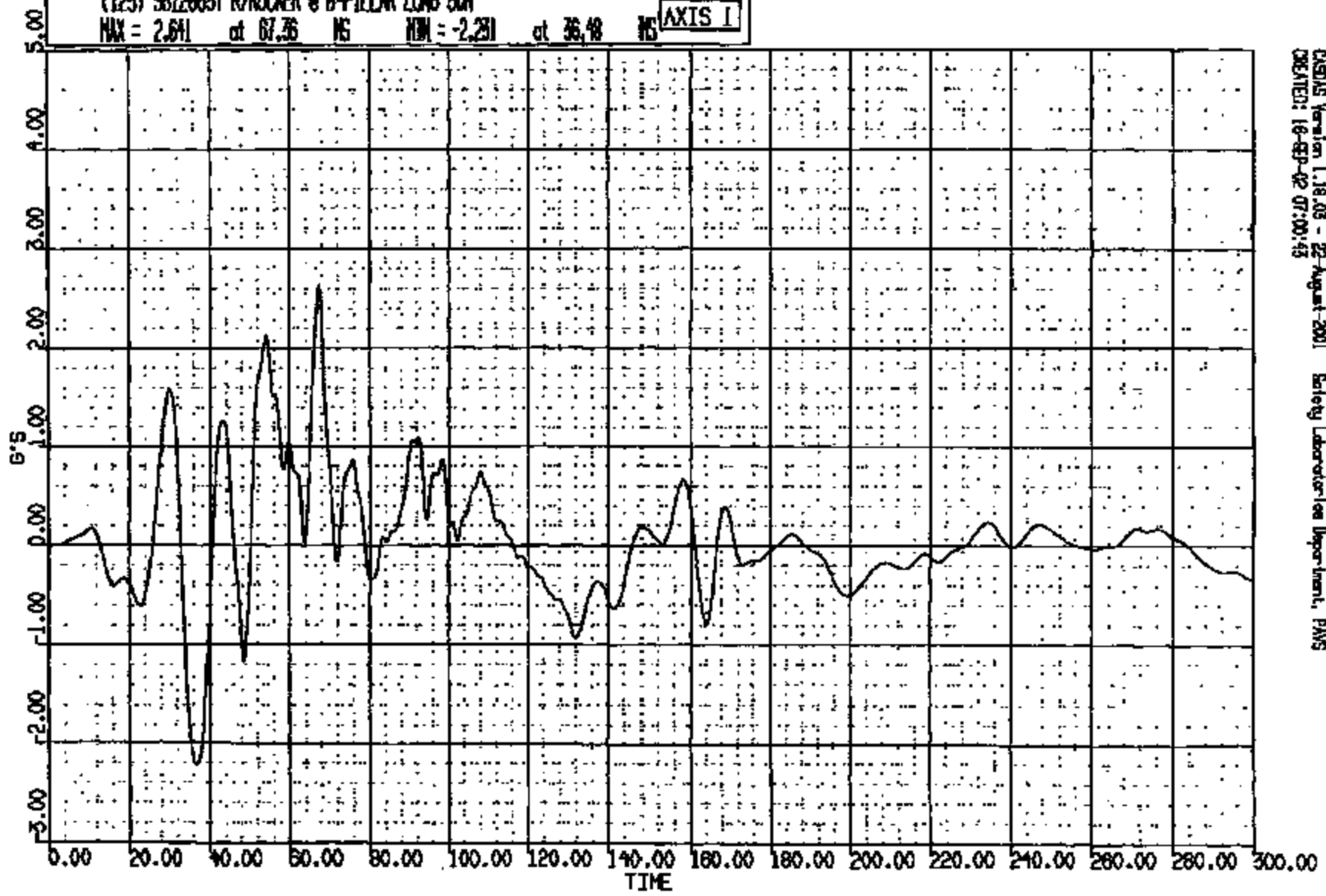
CRTS 0012863

CASONS Version 1.18.03 - 22-August-2001 Safely Laboratories Department, PMS
CREATED: 16-SEP-02 09:01:07

ENTIRE PAGE CONFIDENTIAL

SB R: 12863 TO: J85510 DATE: 24-APR-2002 09:30:11
2002 EN114

(123) SB128631 RAOCKEY @ B-PILLAR LONG SON
MAX = 2.611 at 67.36 MS MIN = -2.291 at 36.48 MS **AXIS 1**

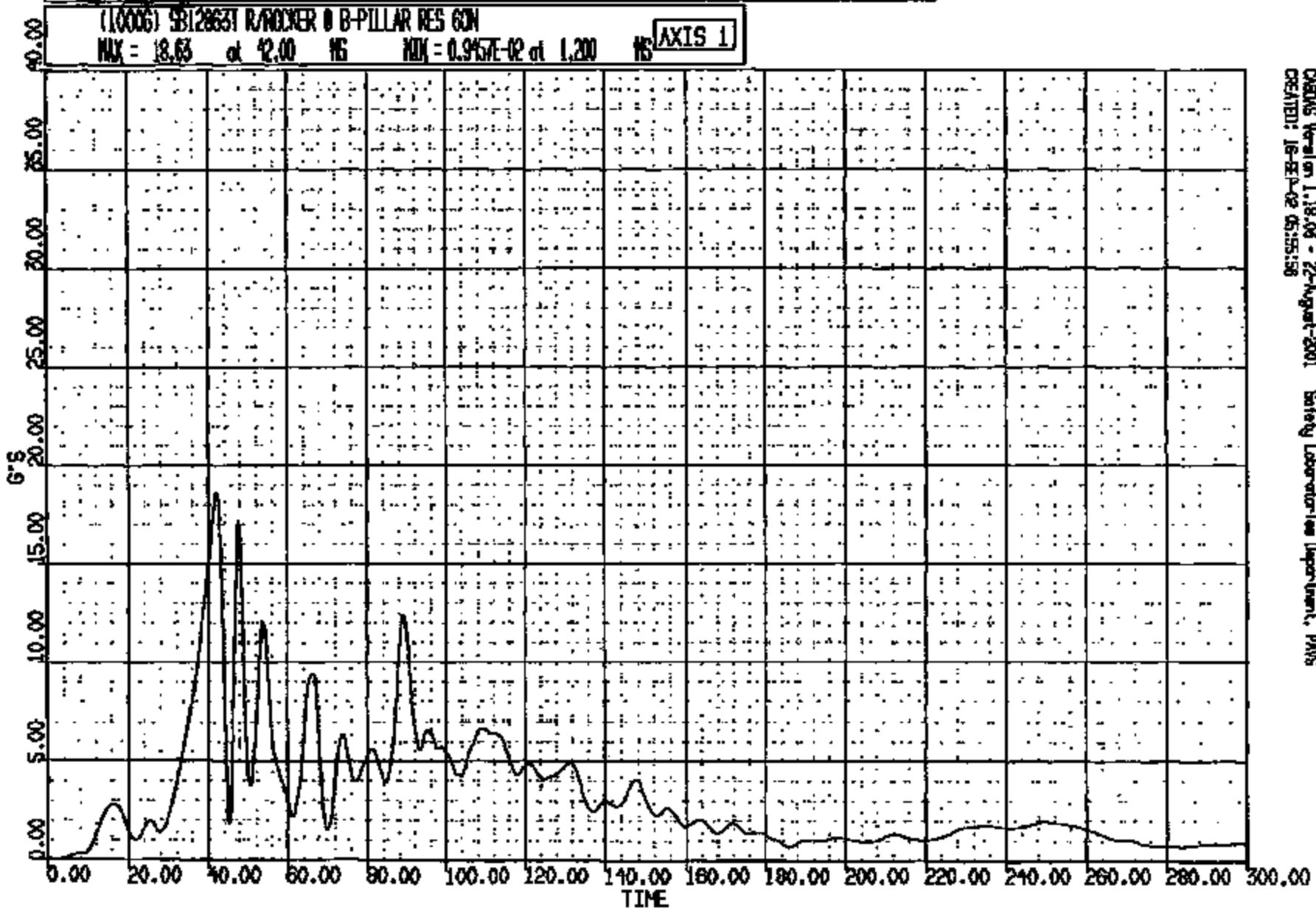


CRIS 0012863

CASAS Version 1.16.03 - 22 August 2001 Safety Laboratories Department, PMS
CREATED: 16-SEP-02 07:00:43

ENTIRE PAGE CONFIDENTIAL

SB R: 12863 TO: JBS810 DATE: 24-APR-2002 09:50:11
2002 EN114



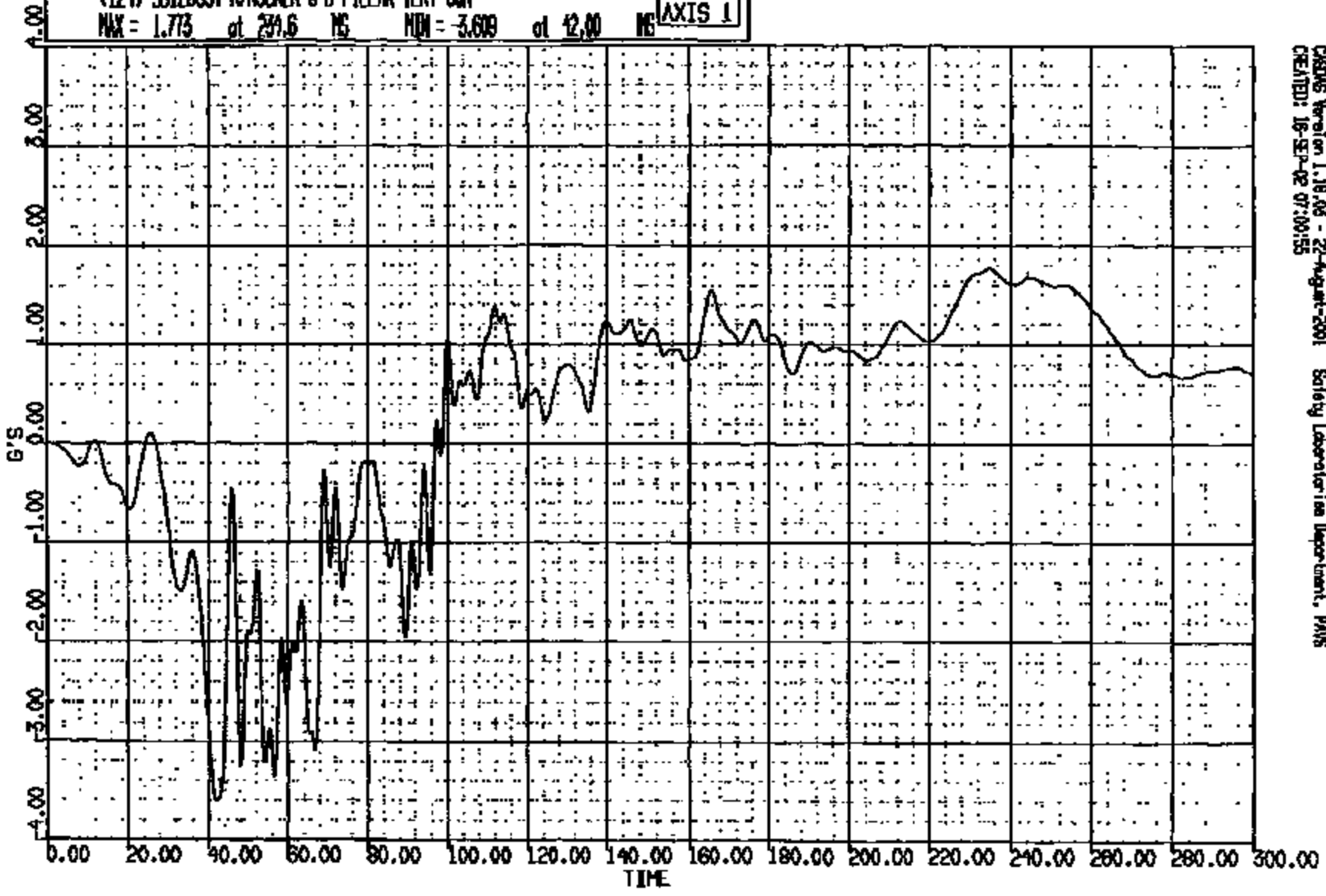
CRIMS Version 1.18.02 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 16-SEP-02 05:55:56

CRIS 0012863

ENTIRE PAGE CONFIDENTIAL

SR R: 12863 TO: J85310 DATE: 24-APR-2002 09:50:11
2003 EN114

(124) 93128631 R/ROCKER @ B-PILLAR VERT 60N
MAX = 1.773 at 239.6 MS MIN = -3.609 at 42.00 MS **AXIS 1**



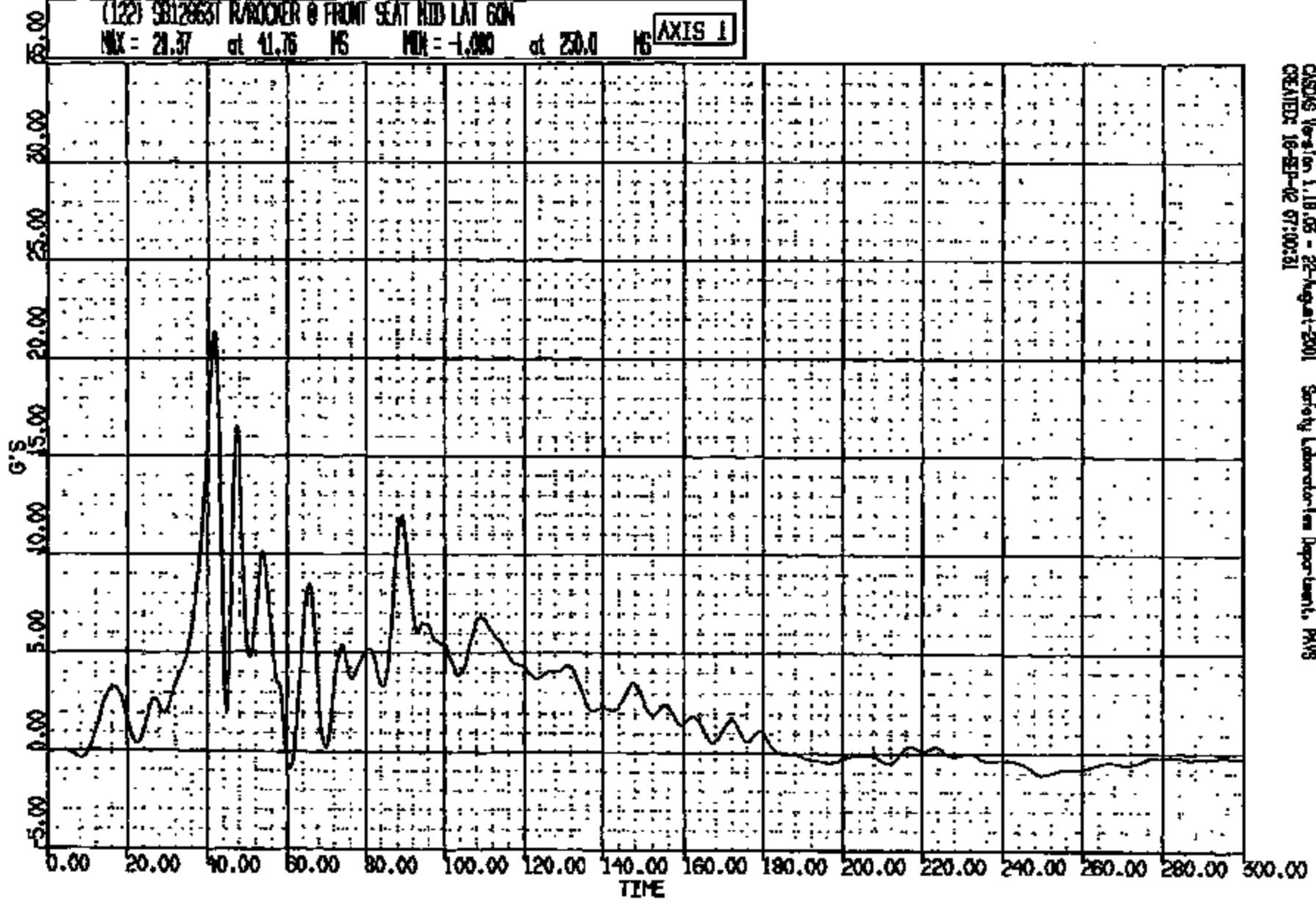
CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 18-SEP-02 07:00:55

CRIS 0012863

ENTIRE PAGE CONFIDENTIAL

SB R: 12863 TO: JB5510 DATE: 24-APR-2002 09:30:11
ROOM EN114

(122) 58128631 R/ROCKER @ FRONT SEAT MID LAT 60N
MAX = 21.37 at 41.76 MS MIN = -1.000 at 230.0 MS **AXIS 1**



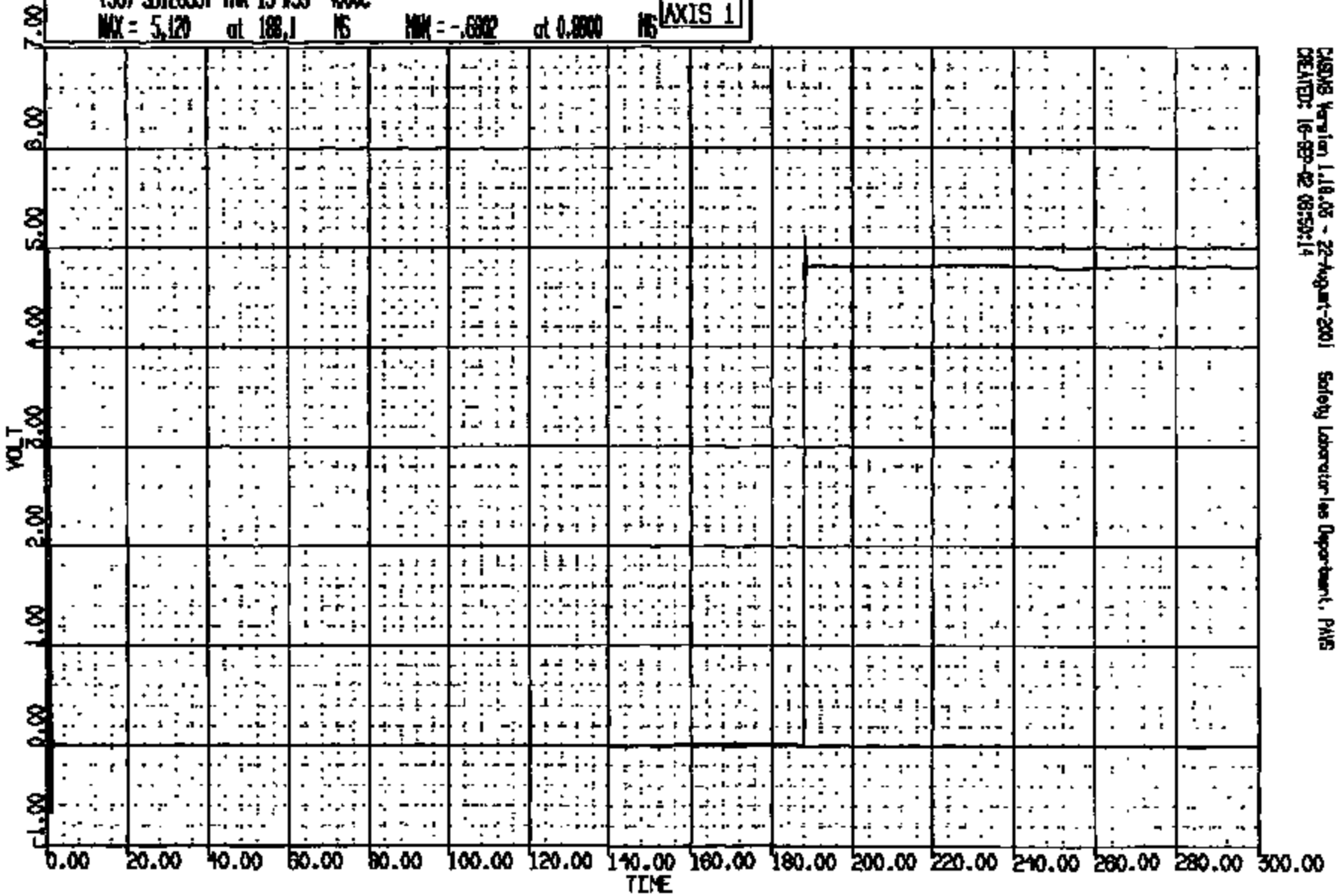
CRTS 0012863

CASDS Version 1.18.05 - 22-Aug-2001 Safety Laboratory/In Department, PWS
CREATED: 16-SEP-02 07:00:21

ENTIRE PAGE CONFIDENTIAL

SB R: 12863 TO: J85310 DATE: 24-APR-2002 09:30:11
2002 EN114

(56) 9312863T TAK 15 #39 400C
MAX = 5.120 at 188.1 MS MIN = -.6802 at 0.8000 MS **AXIS 1**



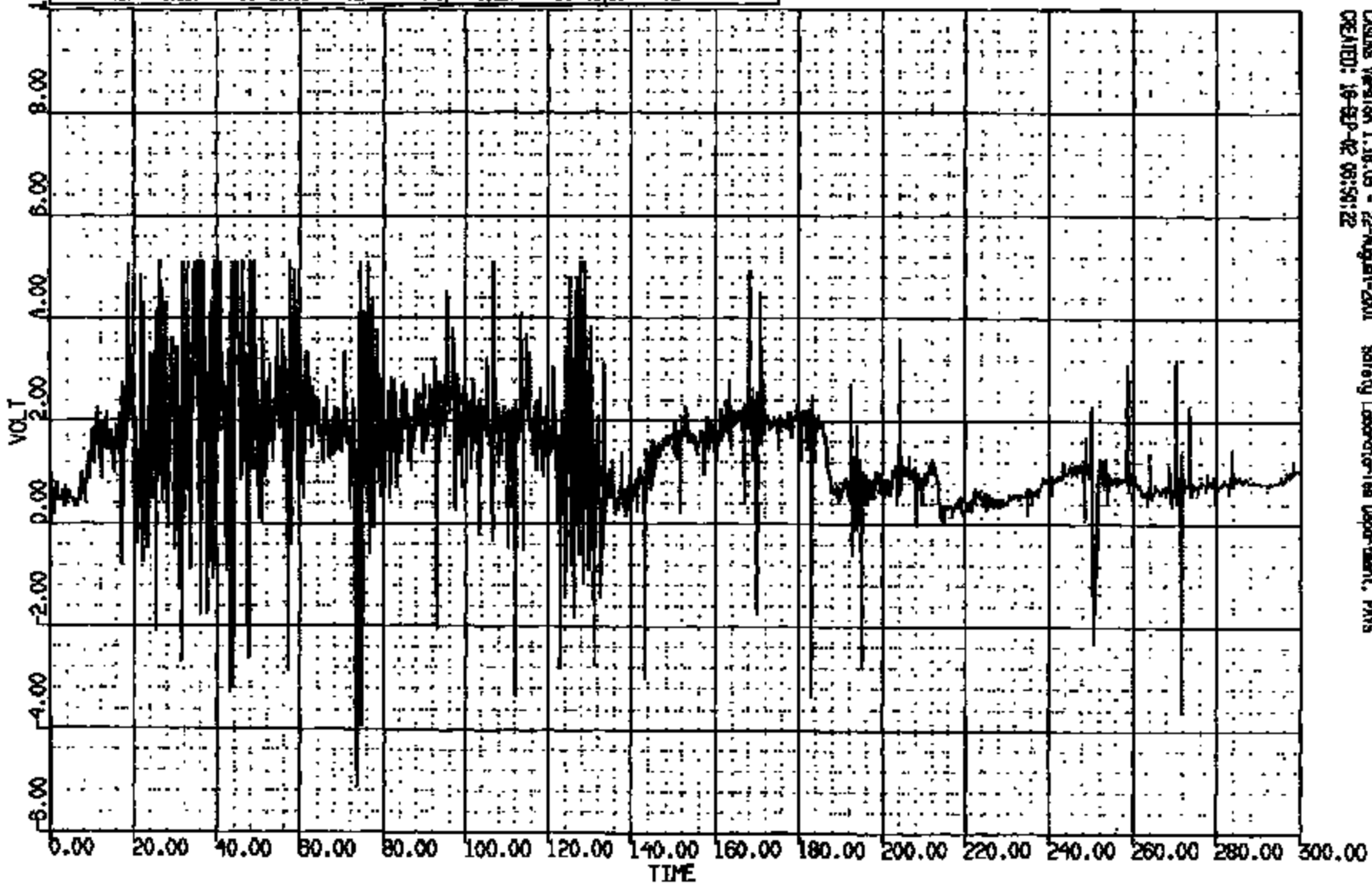
CRTS 0012863

CASOS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 16-SEP-02 08:50:14

ENTIRE PAGE CONFIDENTIAL

BB R: 12863 TO: J85310 DATE: 24-APR-2002 08:30:11
R008 EN114

(57) SBL28631 TAK 16 #40 4000C
MAX = 5.119 at 26.08 MS MIN = -5.117 at 73.60 MS **AXIS 1**



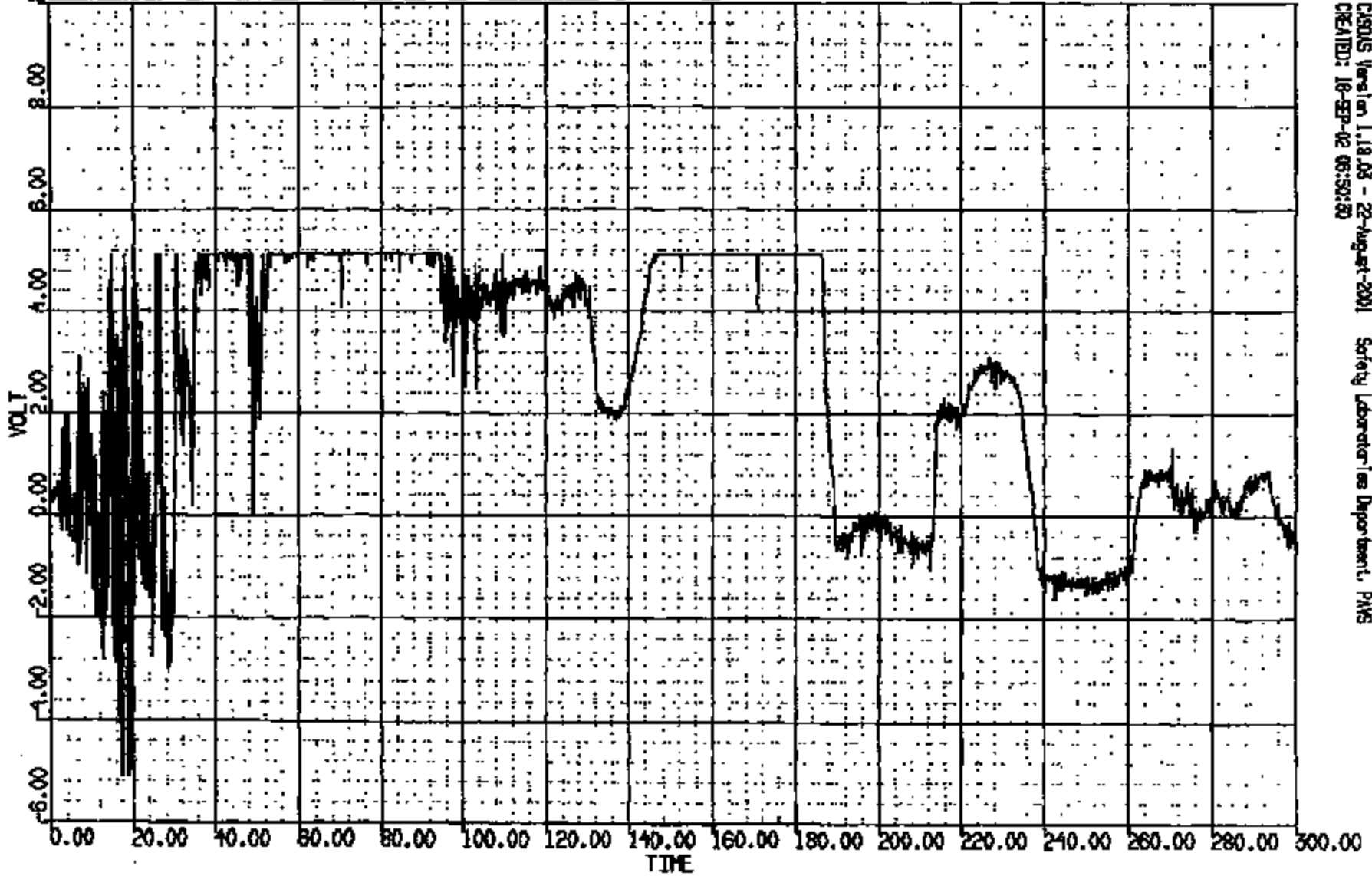
CRTS 0012863

CRSIS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 16-SEP-02 08:50:22

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BB #: 12663 TO: JESSIO DATE: 24-APR-2002 09:30:11
2003 EN114

(58) SBI28631 TRK 17 #41 4000
MAX = 5.115 at 14.64 NS MIN = -5.113 at 17.20 NS **AXIS 1**



CRTS 0012863

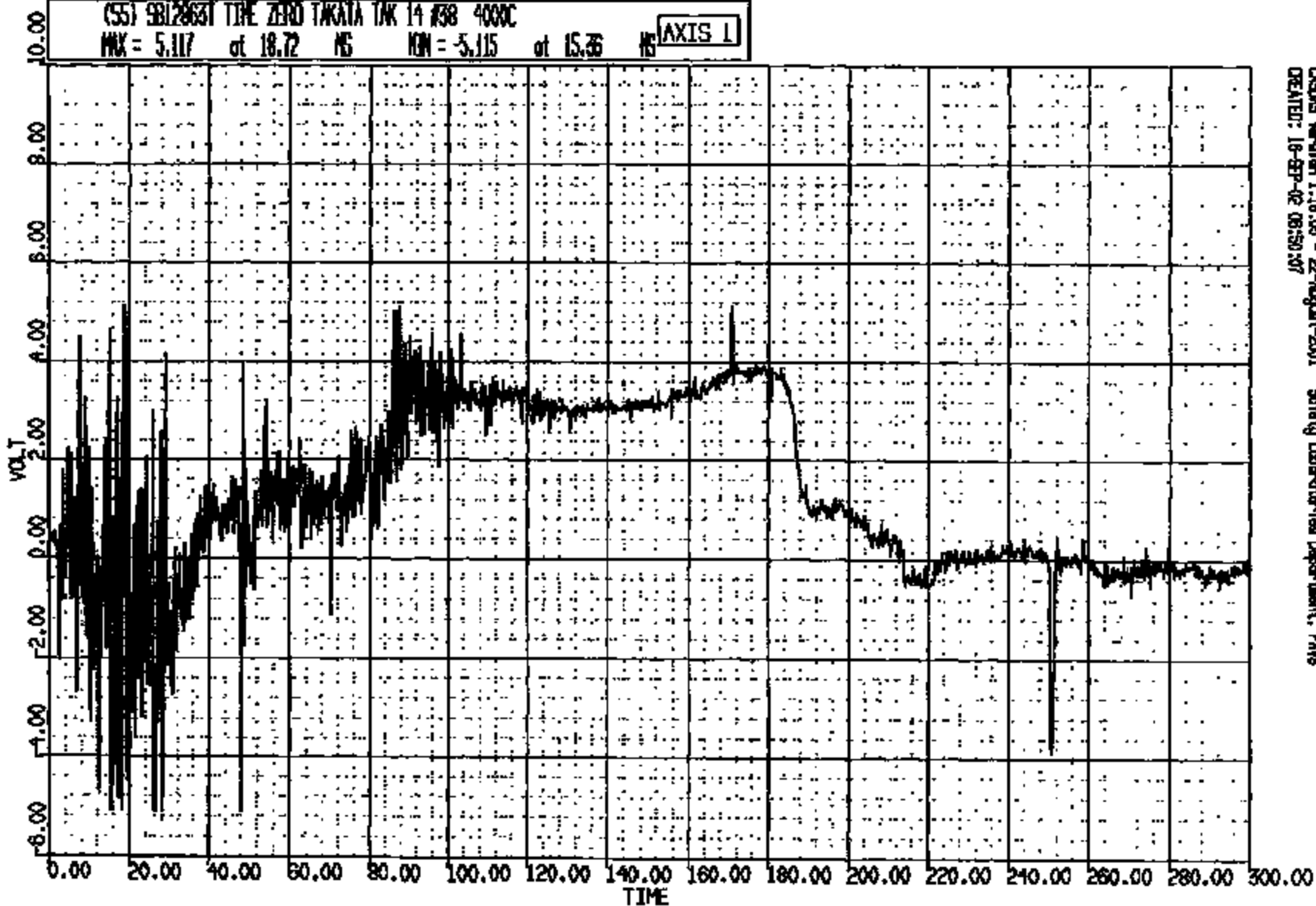
CASUS Version 1.18.05 - 23-August-2001 Safety Laboratories Department, PMS
CREATED: 18-SEP-02 09:50:30

ENTIRE PAGE CONFIDENTIAL

BB R: 12863 TO: JB5310 DATE: 24-APR-2002 08:50:11
2002 EN114

(55) 98128631 TIME ZERO TAKATA TAK 14 #38 4000C
MAX = 5.117 at 18.72 MS MIN = -5.115 at 15.36 MS

AXIS 1



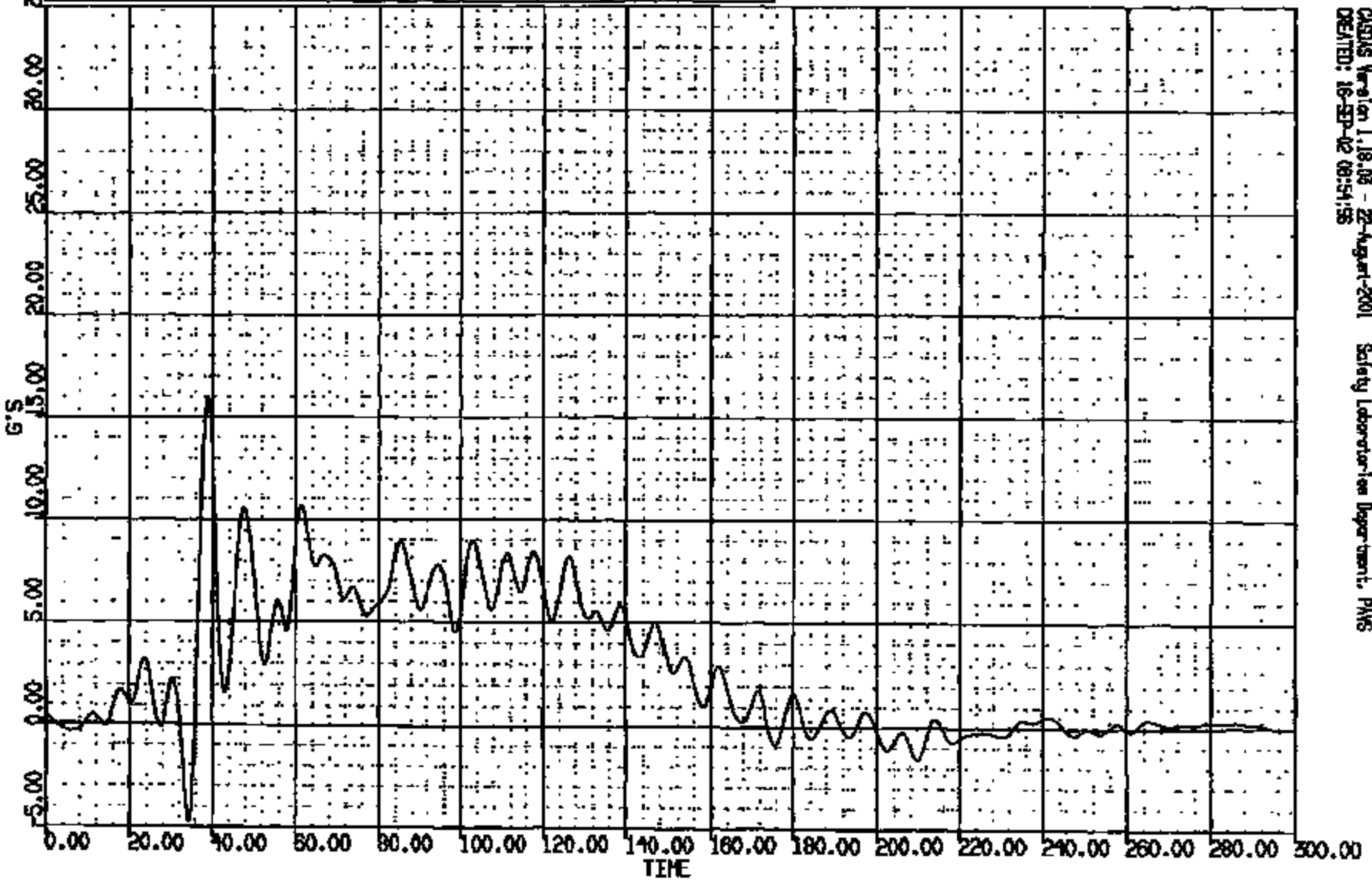
CRTS 0012863

CADDS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 18-SEP-02 08:50:07

ENTIRE PAGE CONFIDENTIAL

SB R: 12863 TO: JBS310 DATE: 24-APR-2002 09:30:11
2002 EN114

(89) 9812863) WALK @ FUEL SWITCH LAT 60N
MAX = 15.98 at 36.80 MS MIN = -1.809 at 34.32 MS AXIS 1



CRTS 0012863

CASAS Version 1.18.03 - 22-August-2001 Safety Laboratory Department, PMS
CREATED: 16-SEP-02 09:54:55

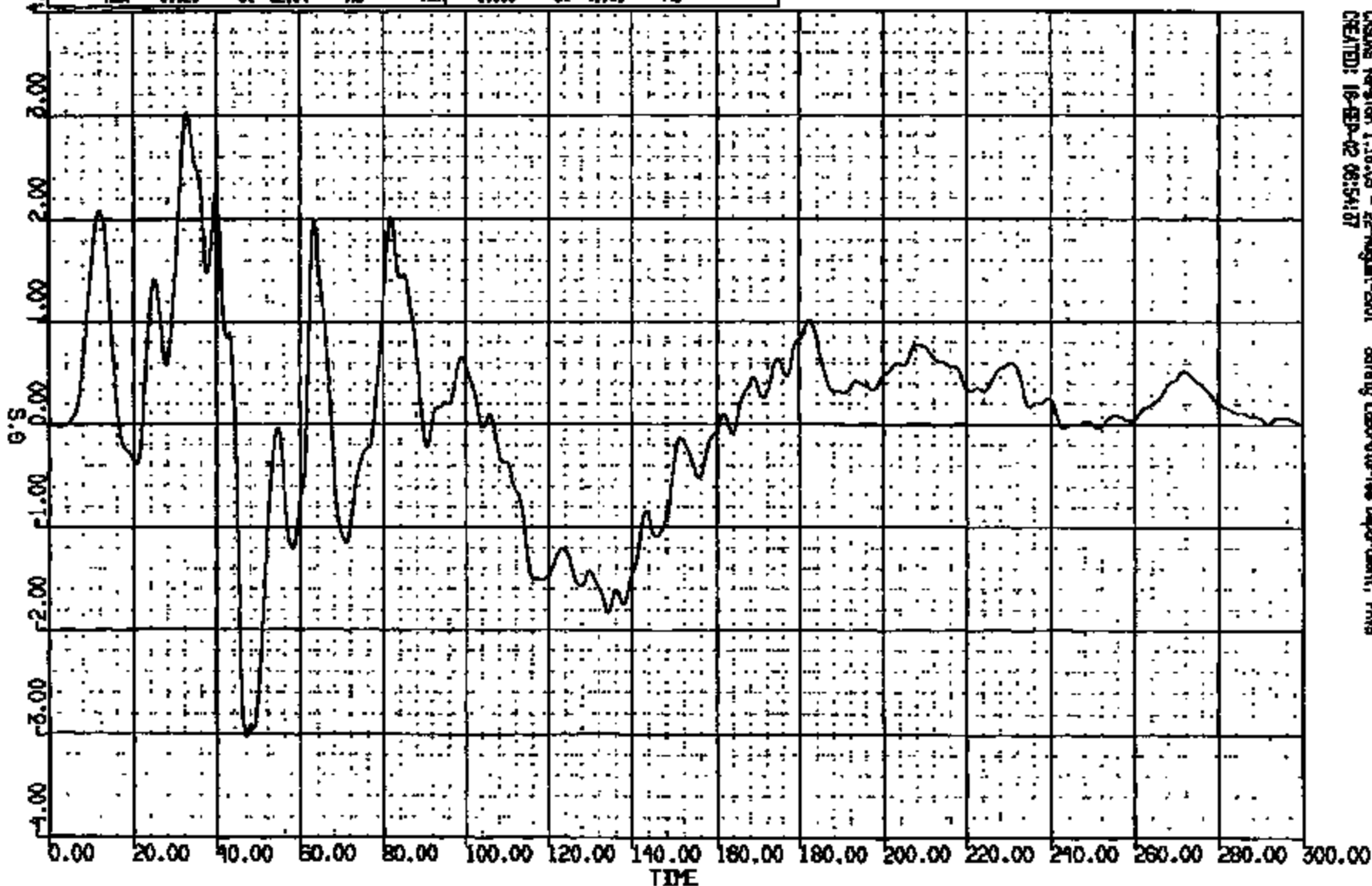
ENTIRE PAGE CONFIDENTIAL

NO R: 12888 TO: JB5310 DATE: 24-APR-2002 09:50:11
2002 EN114

(87) 58128531 TRUNK @ FUEL SWITCH LONG 60N

MAX = 3.029 at 32.61 MS MIN = -3.038 at 46.80 MS

AXIS 1



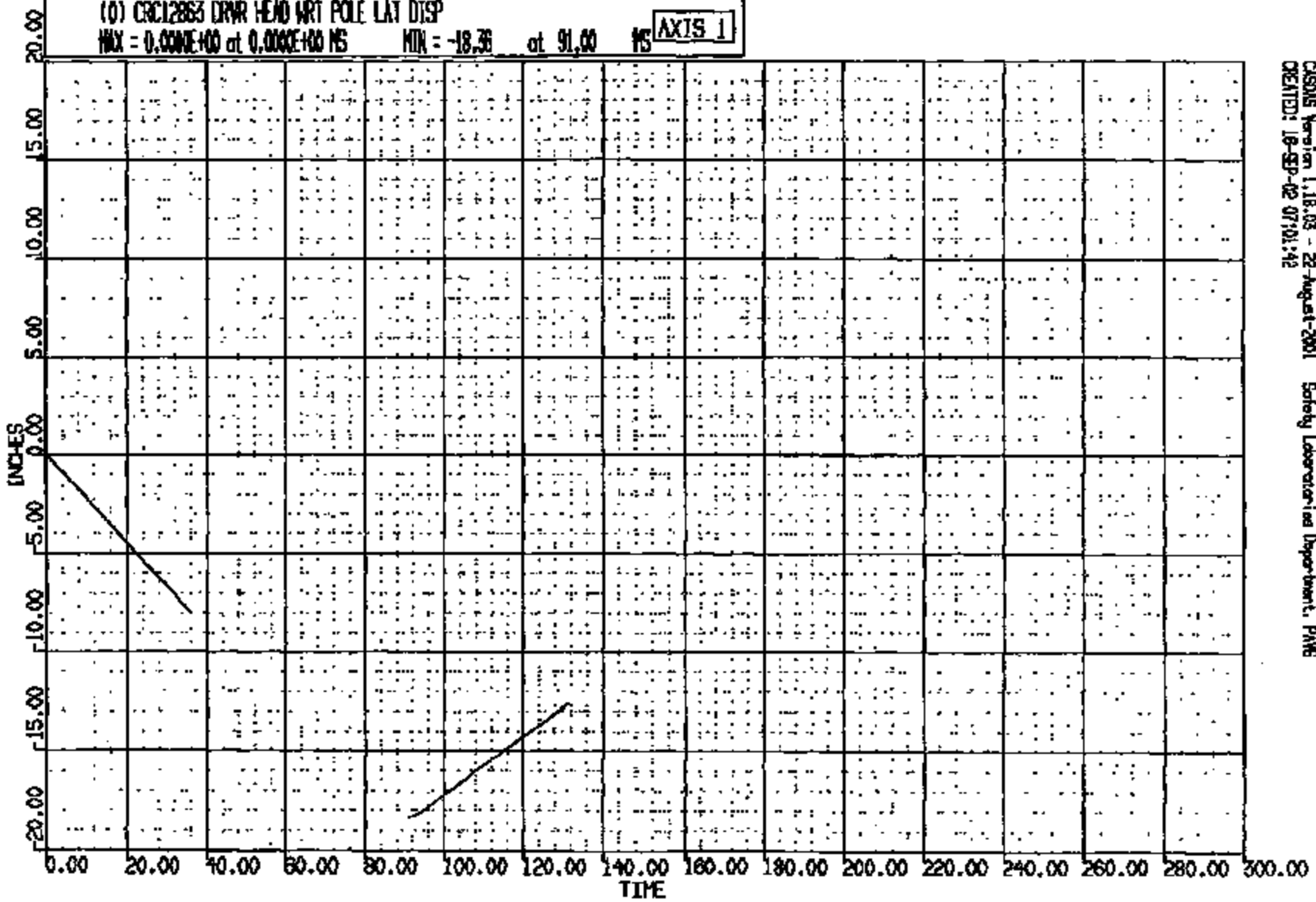
CASINS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 18-SEP-02 08:54:07

ENTIRE PAGE CONFIDENTIAL

CRITS 0012863

SB R: 12863 TD: J85310 DATE: 21-APR-2002 09:20:11
2002 EN114

(0) CR012863 DRAW HEAD WRT POLE LAT DISP
MAX = 0.000E+00 at 0.000E+00 MS MIN = -18.36 at 91.00 MS **AXIS 1**



CASINS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PNG
CREATED: 18-SEP-02 07:01:42

ENTIRE PAGE CONFIDENTIAL

CRIS 0012863

ASC TO #: 7-

TARGET DIMENSIONAL ANALYSIS REPORT

CRASH #: 12863

VEHICLE INFORMATION

TEST DESCRIPTION:

VEHICLE PROGRAM YEAR:

VEHICLE MODEL NAME:

VEHICLE PROGRAM NAME:

VEHICLE ID NUMBER:

CERTIFICATION VEHICLE CODE:

REQUESTOR NAME:

TEST ENGINEER NAME:

TIME AND DATE OF REPORT: 14-AUG-02 16:02:26

CRTS 0012863

ENTIRE PAGE CONFIDENTIAL

JMT C	SIDE	PNT NO	DESCRIPTION	** POINT COORDINATES **			INCHES CHANGED					
				LONG X	LAT Y	VERT Z	X	Y	Z	D		
74			CNM POSITIONING REP.									
		43	CNM FRONT DOOR A PILLAR ROCKER @SIDE OF IMPACT	BEF AFT	97.38	-32.28	19.69					
		44	CNM FRONT DOOR ROCKER @PILLAR @SIDE OF IMP.	BEF AFT	123.61	-32.60	19.63					
		53	CNM FRONT DOOR A PILLAR ROCK @SIDE OPPOSITE IMP	BEF AFT	97.67	32.42	19.78					
		54	CNM FRONT DOOR A PILLAR ROCK @SIDE OPPOSITE IMP	BEF AFT	124.26	32.44	19.85					
90			H/CONT. NOTCH & PTS/PT									
		22	FRONT ALIGNMENT POINT "B"	BEF AFT	58.74 58.97	33.61 33.40	39.95 40.20	0.23	-0.21	0.25	0.40	
		23	REAR ALIGNMENT POINT "B"	BEF AFT	177.83 178.16	33.61 33.45	45.15 45.04	0.33	-0.16	-0.11	0.38	
11			TOP (BODY) ROW SIDED									
		01	EXTRA SET UP POINT (LEFT FOREMOST FRAME)	BEF AFT	37.48 39.08	-18.90 -19.34	20.59 20.52	1.60	-0.44	-0.07	1.66	
		02	EXTRA SET UP POINT (RIGHT FOREMOST FRAME)	BEF AFT	38.72	19.43	20.73					
		03	EXTRA SET UP POINT (LEFT REARMOST FRAME)	BEF AFT	223.85	-26.06	22.49					
		04	EXTRA SET UP POINT (RIGHT REARMOST FRAME)	BEF AFT	224.06	25.04	22.45					
		28	"H" POINT LOCATION ON OUTER FR/OCUPANT DOOR	BEF AFT	121.81	-39.29	27.85					

* VALUE WAS TRANSLATED

TIME AND DATE OF REPORT: 14-AUG-62 16:02:28

PAGE 1

CRTS 0012863

ENTIRE PAGE CONFIDENTIAL

PT O	SIDE	PT NO	DESCRIPTION	** POINT COORDINATES **			INCHES CHANGED				
				LONG X	LAT Y	VERT Z	X	Y	Z	D	
		38	TOP OF ROCKER STILL IN LINE W/FRONT "H" PT.	REF AFT	121.88 121.88	-32.28 -32.28	19.66 19.66				
		84	"W.R.T." ON ROCKER SIDE OPPOSITE OF IMPACT	REF AFT	128.88 128.88	34.12 34.12	25.58 25.58	0.00	0.00	0.00	0.00
12			TOP (BODY) SIDED POINTS								
L		09	END OF FRONT SPINDLE @ CENTERLINE(WHEELBASE)	REF AFT	63.51 68.59	-31.51 -31.17	14.72 14.96	2.08	0.44	-1.74	2.78
R		09	END OF FRONT SPINDLE @ CENTERLINE(WHEELBASE)	REF AFT	64.11 63.69	31.99 31.81	14.69 15.49	-0.42	-0.18	-1.20	1.28
L		16	LATCH/STRIKER BOLT @C/L OR U-BOLDTOP @B PILLAR	REF AFT	128.51 128.51	-33.41 -33.41	31.86 31.86				
R		16	LATCH/STRIKER BOLT @C/L OR U-BOLDTOP @B PILLAR	REF AFT	128.83 128.83	33.53 33.64	32.22 32.06	0.00	0.11	-0.16	0.19
L		18	LATCH/STRIKER BOLT @C/L OR U-BOLDTOP @C PILLAR	REF AFT	166.16 166.16	-34.70 -34.70	39.13 39.13				
R		18	LATCH/STRIKER BOLT @C/L OR U-BOLDTOP @C PILLAR	REF AFT	166.44 166.59	34.13 34.09	39.32 39.17	0.15	-0.04	-0.14	0.22
L		89	END OF REAR SPINDLE @ CENTERLINE(WHEELBASE)	REF AFT	177.89 179.25	-34.13 -34.95	17.74 15.72	1.66	-0.82	-2.62	2.74
R		89	END OF REAR SPINDLE @ CENTERLINE(WHEELBASE)	REF AFT	178.40 177.81	33.86 33.89	18.28 15.83	-0.59	0.03	-2.45	2.52
50			BLANK UNIT POINTS								
		01	1 SEE COMMENTS PAGE	REF AFT	100.61 100.62	30.43 30.65	15.59 15.49	0.01	0.22	-0.18	0.24
		02	2 SEE COMMENTS PAGE	REF AFT	155.03 155.02	30.23 30.88	15.50 15.41	0.00	-0.15	-0.09	0.17

* VALUES TRANSLATED

TIME AND DATE OF REPORT: 14-AUG-02 16:02:31

PAGE 2

CRTS 0012863

ENTIRE PAGE CONFIDENTIAL

PT O	SIDE	PT NO	DESCRIPTION	** POINT COORDINATES **			INCHES CHANGED				
				LONG X	LAT Y	VERT Z	X	Y	Z	D	
		03	SEE COMMENTS PAGE	REF AFT	91.37	-0.01	26.68				
		04	SEE COMMENTS PAGE	REF AFT	110.78	0.41	23.34				
		05	SEE COMMENTS PAGE	REF AFT	123.24	-15.19	16.67				
		06	SEE COMMENTS PAGE	REF AFT	114.22	-31.96	41.45				
		07	SEE COMMENTS PAGE	REF AFT	127.53	-22.45	41.84				
		08	SEE COMMENTS PAGE	REF AFT	126.49	-32.25	31.65				
		09	SEE COMMENTS PAGE	REF AFT	125.68	-31.67	26.69				
		10	SEE COMMENTS PAGE	REF AFT	114.07	-32.18	33.02				
		11	SEE COMMENTS PAGE	REF AFT	106.91	-21.69	32.07				
		12	SEE COMMENTS PAGE	REF AFT	112.24	-31.76	29.23				
		13	SEE COMMENTS PAGE	REF AFT	134.73	-30.64	22.28				
		14	SEE COMMENTS PAGE	REF AFT	132.37	-30.65	35.74				
		15	SEE COMMENTS PAGE	REF AFT	137.71	-22.22	60.35				
		16	SEE COMMENTS PAGE	REF AFT	92.19	-22.60	15.48				

* VALUE WAS TRANSLATED

TIME AND DATE OF REPORT: 14-AUG-02 16:02:31

PAGE 3

CRTS 0012863

ENTIRE PAGE CONFIDENTIAL

PT O	SIDE	PRT NO	DESCRIPTION	** POINT COORDINATES **			INCHES CHANGED			
				LONG X	LAT Y	VERT Z	X	Y	Z	D
17	17	SEE COMMENTS PAGE	BEF AFT	114.30	-31.72	15.48				
18	18	SEE COMMENTS PAGE	BEF AFT	131.92	-31.96	15.32				
19	19	SEE COMMENTS PAGE	BEF AFT	158.97	-21.96	15.36				
20	20	SEE COMMENTS PAGE	BEF AFT	123.05	15.27	16.91				
21	21	SEE COMMENTS PAGE	BEF AFT	135.47	30.59	21.71				
22	22	SEE COMMENTS PAGE	BEF AFT	132.70	30.51	28.33				
23	23	SEE COMMENTS PAGE	BEF AFT	92.81	32.50	15.65				
24	24	SEE COMMENTS PAGE	BEF AFT	116.00	32.01	15.55				
25	25	SEE COMMENTS PAGE	BEF AFT	132.11	21.71	15.46				
26	26	SEE COMMENTS PAGE	BEF AFT	159.12	32.16	15.64				
27	27	SEE COMMENTS PAGE	BEF AFT	27.06	16.80	31.91				
28	28	SEE COMMENTS PAGE	BEF AFT	37.00	-15.73	31.47				
29	29	SEE COMMENTS PAGE	BEF AFT	26.95	-17.78	35.39				
30	30	SEE COMMENTS PAGE	BEF AFT	202.07	-31.64	38.93				

* VALUE WAS TRANSLATED

TIME AND DATE OF REPORT: 14-AUG-82 16:03:31

PAGE 4

CRIS 0012863

ENTIRE PAGE CONFIDENTIAL

** SECTIONALG **

NT NO	SCIN NO	SIDE	SDO NO	NAME AND CRASH STATUS	X	Y	Z
.23	61			BELTLINE EXTERIOR SECT			
			1	BEFORE	72.63	-33.99	41.34
			1	AFTER	75.47	-34.01	40.81
			2	BEFORE	91.80	-35.44	41.34
			2	AFTER	81.46	-34.55	40.73
			3	BEFORE	113.23	-36.37	41.34
			3	AFTER	86.75	-34.89	40.70
			4	BEFORE	131.18	-36.99	41.34
			4	AFTER	90.54	-35.11	40.67
			5	BEFORE	149.24	-37.47	41.34
			5	AFTER	91.36	-35.43	40.68
			6	BEFORE	169.63	-37.32	41.34
			6	AFTER	93.10	-35.34	40.63
			7	BEFORE	179.11	-37.87	41.34
			7	AFTER	94.93	-35.11	40.62
			8	AFTER	96.09	-34.91	40.52
			9	AFTER	96.89	-34.73	40.55
			10	AFTER	97.59	-34.78	40.67
			11	AFTER	98.49	-34.75	40.74
			12	AFTER	100.04	-34.45	40.81
			13	AFTER	102.32	-33.82	40.90
			14	AFTER	106.27	-32.54	40.89
			15	AFTER	110.79	-30.96	40.92
			16	AFTER	114.15	-29.75	40.92

** SECTIONS **

WT NO	SCEN NO	SIDE	END NO	NAME AND CRASH STATUS	X	Y	INCHES E
	17			AFTER	117.91	-20.33	40.91
	18			AFTER	120.47	-27.22	40.94
	19			AFTER	122.05	-26.42	40.97
	20			AFTER	123.68	-25.65	40.99
	21			AFTER	124.98	-25.37	41.01
	22			AFTER	125.72	-25.36	41.04
	23			AFTER	126.54	-25.74	41.11
	24			AFTER	127.89	-26.29	41.06
	25			AFTER	128.23	-26.40	41.09
	26			AFTER	128.56	-26.53	41.11
	27			AFTER	128.93	-26.84	41.16
	28			AFTER	129.28	-27.51	41.18
	29			AFTER	129.65	-28.31	41.13
	30			AFTER	130.17	-29.35	41.18
	31			AFTER	130.56	-29.58	41.21
	32			AFTER	131.57	-30.16	41.12
	33			AFTER	133.02	-30.93	41.09
	34			AFTER	146.19	-33.65	41.30
	35			AFTER	157.25	-35.78	41.34
	36			AFTER	168.59	-37.28	41.53
	37			AFTER	172.13	-38.35	41.68

** SECTIONS **

MT O	SCIN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	INCHES		
					X	Y	Z
			38	AFTER	173.68	-36.99	41.19
			39	AFTER	179.65	-37.03	41.41
25	81			MILLIMETER EXTERIOR SECT			
			1	BEFORE	75.52	-36.83	31.50
			1	AFTER	77.52	-36.65	30.88
			2	BEFORE	91.63	-37.50	31.50
			2	AFTER	85.18	-36.99	30.57
			3	BEFORE	113.25	-38.07	31.50
			3	AFTER	89.74	-37.18	30.46
			4	BEFORE	132.11	-38.41	31.50
			4	AFTER	91.11	-37.24	30.43
			5	BEFORE	149.77	-38.62	31.50
			5	AFTER	98.40	-35.45	30.49
			6	BEFORE	163.30	-38.45	31.50
			6	AFTER	103.43	-34.00	30.54
			7	BEFORE	165.99	-38.82	31.50
			7	AFTER	106.76	-33.13	30.60
			8	AFTER	107.27	-32.41	30.63
			9	AFTER	209.88	-31.15	30.61
			10	AFTER	113.51	-29.66	30.59
			11	AFTER	116.15	-28.65	30.73
			12	AFTER	119.71	-27.30	30.66
			13	AFTER	122.48	-26.23	30.69
			14	AFTER	123.75	-25.83	30.64

TIME AND DATE OF REPORT: 14-MAR-02 16:02:28

PAGE 2

CRIS 0012863

ENTIRE PAGE CONFIDENTIAL

** SECTIONS **

INT NO	SCEN NO	SIDE	SEC NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			15	AFTER	124.99	-25.64	30.71
			16	AFTER	126.55	-26.83	30.76
			17	AFTER	127.89	-26.46	30.83
			18	AFTER	128.94	-27.37	30.73
			19	AFTER	129.18	-27.94	30.87
			20	AFTER	129.66	-29.02	30.93
			21	AFTER	130.31	-30.42	30.98
			22	AFTER	131.94	-32.46	30.76
			23	AFTER	134.86	-32.97	30.77
			24	AFTER	138.43	-33.72	31.80
			25	AFTER	149.60	-35.79	31.46
			26	AFTER	158.18	-37.23	31.71
			27	AFTER	161.28	-37.65	31.76
			28	AFTER	163.05	-37.96	31.72
			29	AFTER	163.43	-38.05	31.80
			30	AFTER	164.86	-38.01	31.58
			31	AFTER	166.92	-38.44	31.38

27 81

CHARACTER LINE KIT SECT

1	BEFORE	79.23	-36.28	23.62
1	AFTER	82.33	-36.20	22.62
2	BEFORE	87.77	-36.49	23.62
2	AFTER	90.03	-36.38	22.64

TIME AND DATE OF REPORT: 14-AUG-02 16:02:28

PAGE 4

CRTS 0012863

ENTIRE PAGE CONFIDENTIAL

** SECTIONS **

MT	SECTN	SEQ							INCHES
NO	NO	NO	SIDE	NO	NAME AND CRASH STATUS	X	Y	Z	X
		3			BEFORE	88.44	-37.11	23.62	
		3			AFTER	91.28	-36.00	22.54	
		4			BEFORE	113.71	-37.77	23.62	
		4			AFTER	92.04	-36.46	22.61	
		5			BEFORE	132.43	-37.95	23.62	
		5			AFTER	98.05	-35.39	22.60	
		6			BEFORE	158.38	-37.95	23.62	
		6			AFTER	102.72	-34.49	22.60	
		7			BEFORE	189.79	-38.00	23.62	
		7			AFTER	106.48	-32.19	22.66	
		8			BEFORE	160.46	-37.31	23.62	
		8			AFTER	118.97	-31.62	22.71	
		9			BEFORE	161.78	-37.29	23.62	
		9			AFTER	115.66	-39.94	22.72	
		10			AFTER	119.32	-28.15	22.73	
		11			AFTER	121.63	-27.13	22.74	
		12			AFTER	122.87	-26.58	22.78	
		13			AFTER	124.44	-26.17	22.85	
		14			AFTER	125.61	-26.12	22.93	
		15			AFTER	126.53	-26.33	22.95	
		16			AFTER	127.13	-26.61	22.98	
		17			AFTER	128.28	-27.46	23.06	
		18			AFTER	129.43	-29.12	23.29	
		19			AFTER	131.10	-31.21	23.40	

TIME AND DATE OF REPORT: 14-AUG-02 16:02:28

PAGE 5

CRIS 0012863

ENTIRE PAGE CONFIDENTIAL

** SECTION 81 **

INT O	SCIN NO	SIDE	SEC NO	NAME AND CRASH STATUS	X	Y	INCHES X
			20	AFTER	132.98	-32.26	23.04
			21	AFTER	143.23	-34.09	23.41
			22	AFTER	152.27	-35.67	23.56
			23	AFTER	160.01	-37.18	23.77
			24	AFTER	160.80	-36.93	23.61
			25	AFTER	162.34	-37.15	23.65
29	81			BOTTOM OF DOOR EXT SECT			
			1	BEFORE	89.11	-34.78	17.73
			1	AFTER	91.90	-33.51	16.87
			2	BEFORE	132.60	-35.24	17.57
			2	AFTER	102.26	-31.85	16.81
			3	BEFORE	132.97	-35.21	17.59
			3	AFTER	109.32	-30.83	16.88
			4	BEFORE	159.40	-35.13	17.55
			4	AFTER	114.90	-29.77	16.82
			5	AFTER	117.81	-29.36	16.80
			6	AFTER	119.16	-29.28	16.59
			7	AFTER	119.80	-29.12	16.54
			8	AFTER	120.34	-28.73	16.55
			9	AFTER	121.48	-27.51	16.48
			10	AFTER	123.36	-26.63	16.57
			11	AFTER	124.89	-26.42	16.39

TIME AND DATE OF REPORT: 14-AUG-02 16:02:28

PAGE 6

** SECTIONALS **

KEY NO	DCIN NO	SIDE	SDO NO	BEFORE AND CRASH STATUS	X	Y	INCHES Z
			12	AFTER	126.63	-26.67	16.44
			13	AFTER	127.95	-27.28	16.45
			14	AFTER	128.79	-27.75	16.54
			15	AFTER	130.54	-28.22	16.78
			16	AFTER	131.85	-28.47	17.14
			17	AFTER	133.77	-28.74	17.58
			18	AFTER	133.79	-28.74	17.13
			19	AFTER	139.33	-30.67	17.16
			20	AFTER	149.97	-32.66	17.43
			21	AFTER	159.97	-34.35	17.69

31 61

ROCKER PANEL KEY SECT

1	BEFORE	91.36	-33.81	16.29
1	AFTER	94.36	-32.86	16.09
2	BEFORE	122.75	-33.89	16.32
2	AFTER	103.20	-31.52	16.12
3	BEFORE	159.98	-33.84	16.28
3	AFTER	109.87	-30.48	16.05
4	AFTER	116.12	-29.35	16.10
5	AFTER	118.31	-28.94	16.06
6	AFTER	120.04	-28.48	15.90
7	AFTER	120.89	-27.69	15.40
8	AFTER	121.65	-27.04	14.93

TIME AND DATE OF REPORT: 14-AUG-82 16:02:28

PAGE 7

** SECTIONALS **

INT C	SCIN NO	SIDE	REQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			9	AFTER	123.24	-26.22	14.73
			10	AFTER	124.27	-25.78	14.83
			11	AFTER	125.04	-25.44	14.87
			12	AFTER	126.30	-26.05	14.56
			13	AFTER	126.81	-26.34	14.54
			14	AFTER	127.90	-26.97	14.94
			15	AFTER	128.83	-27.64	15.51
			16	AFTER	129.54	-27.96	15.81
			17	AFTER	131.21	-28.29	15.92
			18	AFTER	134.21	-28.92	15.92
			19	AFTER	143.97	-30.66	16.19
			20	AFTER	152.72	-32.28	16.85
			21	AFTER	160.91	-33.76	16.56

J3 S1

ROOF LINE INTERIOR SECT

1	BEFORE	105.50	-26.23	52.05
1	AFTER	107.68	-25.99	53.20
2	BEFORE	113.21	-23.07	57.92
2	AFTER	115.26	-22.51	58.81
3	BEFORE	122.99	-22.62	59.76
3	AFTER	124.55	-20.66	60.73
4	BEFORE	135.14	-22.79	59.64
4	AFTER	136.58	-20.22	60.40

TIME AND DATE OF REPORT: 14-AUG-02 16:02:29

PAGE 8

** SECTIONALS **

NT NO	SCIN NO	SIDE	SED NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			5	BEFORE	148.14	-23.08	59.57
			5	AFTER	149.44	-21.68	60.65
			6	BEFORE	152.29	-23.94	58.70
			6	AFTER	153.37	-23.11	59.22

35 81

BELT LINE INTERIOR SECT

			1	BEFORE	101.59	-21.93	41.84
			1	AFTER	104.08	-29.65	41.25
			2	BEFORE	116.48	-22.10	42.08
			2	AFTER	118.35	-25.64	41.67
			3	BEFORE	125.72	-32.10	42.16
			3	AFTER	126.89	-27.48	41.64
			4	BEFORE	128.88	-32.47	41.94
			4	AFTER	130.56	-24.49	41.70
			5	BEFORE	130.17	-31.98	42.53
			5	AFTER	131.73	-24.82	41.73
			6	BEFORE	131.08	-36.59	43.07
			6	AFTER	133.40	-23.86	43.29
			7	BEFORE	134.99	-30.79	42.63
			7	AFTER	136.82	-24.97	42.20
			8	BEFORE	135.44	-32.06	42.27
			8	AFTER	136.88	-26.33	41.88
			9	BEFORE	137.25	-32.86	42.15
			9	AFTER	138.26	-27.28	41.79
			10	BEFORE	140.65	-32.25	42.03
			10	AFTER	141.80	-27.40	41.66
			11	BEFORE	150.47	+32.37	42.60
			11	AFTER	151.30	-29.10	42.33

TIME AND DATE OF REPORT: 14-MUG-02 16:02:29

PAGE 9

** SECTIONAL **

WT NO	SCIN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	X	Y	INCHES Z
			12	BEFORE	161.14	-32.44	42.53
			12	AFTER	161.83	-31.01	42.81
			13	BEFORE	165.91	-32.73	42.96
			13	AFTER	166.62	-32.08	43.08

37 61

HIP INTERIOR SECTION

			1	BEFORE	94.43	-31.81	27.72
			1	AFTER	97.10	-30.17	27.54
			2	BEFORE	104.20	-31.27	27.72
			2	AFTER	106.46	-27.91	27.59
			3	BEFORE	114.44	-31.98	27.72
			3	AFTER	116.47	-26.14	27.58
			4	BEFORE	123.24	-32.04	27.72
			4	AFTER	125.15	-23.62	27.42
			5	BEFORE	127.05	-31.76	27.72
			5	AFTER	128.91	-24.07	27.61
			6	BEFORE	127.64	-31.26	27.72
			6	AFTER	129.77	-23.88	27.23
			7	BEFORE	128.43	-30.76	27.72
			7	AFTER	130.64	-23.59	27.21
			8	BEFORE	134.53	-30.84	27.72
			8	AFTER	136.64	-28.39	27.32
			9	BEFORE	135.22	-31.32	27.72
			9	AFTER	137.08	-26.03	27.21
			10	BEFORE	136.13	-31.91	27.72
			10	AFTER	137.85	-26.69	27.32
			11	BEFORE	144.20	-31.70	27.72
			11	AFTER	146.61	-27.79	27.29

TIME AND DATE OF REPORT: 14-MAR-02 16:02:29

PAGE 10

** SECTIONALS **

PT NO	SCEN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	INCHES		
					X	Y	Z
			12	BEFORE	156.43	-32.13	27.72
			12	AFTER	157.65	-30.27	27.68

128 81

1ST 50 FWD/RIDGE PLANE

			1	BEFORE	90.55	-34.88	17.60
			1	AFTER	93.84	-33.23	16.96
			2	BEFORE	90.55	-36.14	19.76
			2	AFTER	94.10	-35.02	19.81
			3	BEFORE	90.55	-36.97	21.69
			3	AFTER	94.25	-35.72	21.12
			4	BEFORE	90.55	-37.68	24.83
			4	AFTER	94.34	-36.66	26.57
			5	BEFORE	90.55	-37.86	27.68
			5	AFTER	94.23	-36.50	29.84
			6	BEFORE	90.55	-37.88	29.13
			6	AFTER	94.33	-36.44	31.63
			7	BEFORE	90.55	-37.57	33.75
			7	AFTER	94.00	-36.05	39.04
			8	BEFORE	90.55	-36.46	39.82
			8	AFTER	93.85	-35.55	40.20
			9	BEFORE	90.55	-35.01	41.85
			9	AFTER	93.79	-35.14	40.82
			10	BEFORE	90.55	-34.00	43.26
			10	AFTER	93.68	-34.42	41.62
			11	BEFORE	90.55	-32.59	44.68
			11	AFTER	92.57	-33.92	42.33
			12	AFTER	92.52	-33.46	43.18

TIME AND DATE OF REPORT: 14-AUG-02 16:02:29

PAGE 11

** SECTIONALS **

DFT NO	ECTN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	INCHES		
					X	Y	Z
			13	AFTER	92.53	-23.19	43.67
			14	AFTER	93.45	-32.55	44.48
439	81			SECT @ 2500 BODY LINE			
			1	BEFORE	98.43	-35.07	17.76
			1	AFTER	101.40	-32.22	17.13
			2	BEFORE	98.43	-37.07	21.80
			2	AFTER	101.56	-33.52	19.39
			3	BEFORE	98.43	-38.06	27.82
			3	AFTER	101.67	-34.31	20.73
			4	BEFORE	98.43	-37.78	29.52
			4	AFTER	101.74	-34.65	21.52
			5	BEFORE	98.43	-37.77	32.66
			5	AFTER	101.80	-34.76	24.55
			6	BEFORE	98.43	-37.10	34.32
			6	AFTER	101.79	-34.90	27.02
			7	BEFORE	98.43	-36.34	40.72
			7	AFTER	101.72	-34.53	29.90
			8	BEFORE	98.43	-34.80	42.81
			8	AFTER	101.59	-34.43	32.19
			9	AFTER	101.62	-34.27	36.51
			10	AFTER	101.60	-34.24	38.75
			11	AFTER	101.54	-34.25	39.58
			12	AFTER	101.47	-34.30	40.36
			13	AFTER	101.40	-33.95	41.48

TIME AND DATE OF REPORT: 14-APR-02 16:02:29

PAGE 12

CRITS 0012863

ENTIRE PAGE CONFIDENTIAL.

** SECTIONALS **

RT NO	SCIN NO	SIDE	SNO NO	NAME AND CRASH STATUS	INCHES		
					X	Y	Z
			14	AFTER	101.33	-33.54	42.52
39	82			SECT @ 2500 BODY LINE			
			1	BEFORE	98.43	-31.36	20.79
			1	AFTER	100.74	-28.72	20.74
			2	BEFORE	98.43	-32.36	33.56
			2	AFTER	101.29	-30.42	33.25
			3	BEFORE	98.43	-32.35	38.33
			3	AFTER	100.97	-30.98	41.44
			4	BEFORE	98.43	-31.78	39.99
			5	BEFORE	98.43	-31.84	42.68
40	81			VERT SECT. 20" FWD I/CL			
			1	BEFORE	121.65	-35.42	17.82
			1	AFTER	123.33	-26.61	16.52
			2	BEFORE	121.65	-37.29	21.36
			2	AFTER	123.31	-26.53	19.18
			3	BEFORE	121.65	-37.69	22.48
			3	AFTER	123.47	-26.46	21.37
			4	BEFORE	121.65	-38.61	28.17
			4	AFTER	123.61	-26.46	27.83
			5	BEFORE	121.65	-38.29	30.09
			5	AFTER	123.35	-25.93	30.77
			6	BEFORE	121.65	-37.99	36.76
			6	AFTER	123.24	-25.78	34.64
			7	BEFORE	121.65	-37.03	40.98
			7	AFTER	123.13	-25.81	37.72

TIME AND DATE OF REPORT: 14-AUG-02 16:02:30

PAGE 13

CRIS 0012863

ENTIRE PAGE CONFIDENTIAL

** SECTIONS **

MT NO	SCIN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	INCHES		
					X	Y	Z
			8	BEFORE	121.65	-34.77	43.22
			8	AFTER	123.06	-25.97	40.47
			9	BEFORE	121.65	-24.96	60.67
			9	AFTER	123.04	-25.84	42.12
			10	BEFORE	121.65	-23.86	61.69
			10	AFTER	123.00	-25.82	43.15
			11	BEFORE	121.65	-21.03	62.48
			11	AFTER	122.99	-25.89	43.64
			12	AFTER	123.01	-22.87	61.63
			13	AFTER	123.04	-22.88	62.57
			14	AFTER	122.91	-22.53	63.83
			15	AFTER	123.08	-21.88	63.29
			16	AFTER	123.07	-21.57	63.71
			17	AFTER	123.03	-21.16	64.00
			18	AFTER	123.04	-20.58	64.13

40 52

VIRT SECT. 20" FWD I/CL

			1	BEFORE	121.65	-21.74	21.28
			1	AFTER	123.65	-29.12	21.07
			2	BEFORE	121.65	-22.36	24.57
			2	AFTER	123.76	-24.82	24.16
			3	BEFORE	121.65	-22.38	39.48
			3	AFTER	123.96	-24.24	38.90
			4	BEFORE	121.65	-22.51	42.27
			4	AFTER	123.28	-24.23	41.80

TIME AND DATE OF REPORT: 14-AUG-02 16:02:30

PAGE 14

** SECTIONS **

MT O	SCEN NO	SIDE	SDO NO	NAME AND CRASH STATUS	X	Y	INCHES Z
41	SI			VERT SECT. @ IMPACT C/L			
			1	BEFORE	131.89	-35.21	17.50
			1	AFTER	133.23	-28.66	17.49
			2	BEFORE	131.89	-37.17	21.01
			2	AFTER	132.64	-29.71	19.46
			3	BEFORE	131.89	-38.43	27.40
			3	AFTER	132.20	-30.28	20.66
			4	BEFORE	131.89	-38.56	30.80
			4	AFTER	131.96	-32.21	26.71
			5	BEFORE	131.89	-37.88	36.53
			5	AFTER	131.83	-32.44	30.37
			6	BEFORE	131.89	-36.97	42.42
			6	AFTER	131.87	-32.20	34.83
			7	BEFORE	131.89	-34.75	43.38
			7	AFTER	130.72	-30.54	38.09
			8	BEFORE	131.89	-33.66	44.47
			8	AFTER	130.87	-30.30	39.96
			9	BEFORE	131.89	-31.30	51.52
			9	AFTER	131.11	-29.93	41.16
			10	BEFORE	131.89	-24.63	61.28
			10	AFTER	131.64	-29.15	42.22
			11	BEFORE	131.89	-22.96	62.58
			11	AFTER	132.39	-28.03	43.14
			12	BEFORE	131.89	-21.40	63.03
			12	AFTER	132.50	-27.20	44.32
			13	AFTER	132.36	-27.37	45.60

TIME AND DATE OF REPORT: 14-AUG-02 16:02:30

PAGE 15

** SECTIONS **

NET NO	SCIN NO	SIDE	REQ NO	NAME AND CRASH STATUS	INCHES		
					X	Y	Z
			14	AFTER	132.35	-26.93	48.17
			15	AFTER	132.52	-26.23	51.28
			16	AFTER	132.38	-23.45	62.62
			17	AFTER	133.20	-23.10	63.69
			18	AFTER	133.14	-23.46	64.27
			19	AFTER	133.23	-21.61	63.77
			20	AFTER	133.14	-20.88	64.61
41	82			VERT SECT. @ IMPACT C/L			
			1	BEFORE	131.89	-30.87	22.41
			1	AFTER	133.88	-24.82	21.82
			2	BEFORE	131.89	-30.87	34.21
			2	AFTER	133.99	-24.47	33.56
			3	BEFORE	131.89	-30.77	41.03
			3	AFTER	133.90	-24.09	40.40
			4	BEFORE	131.89	-29.71	47.25
			4	AFTER	133.77	-23.54	46.67
			5	BEFORE	133.50	-26.83	53.00
			5	AFTER	135.28	-22.38	53.14
			6	BEFORE	135.03	-23.87	58.09
			6	AFTER	136.62	-21.80	58.90
42	81			VERT SECT 20" AFT I/CL			
			1	BEFORE	159.06	-35.08	17.57
			1	AFTER	159.67	-34.39	17.84

TIME AND DATE OF REPORT: 14-MAR-82 16:02:30

PAGE 16

CRIS 0012863

ENTIRE PAGE CONFIDENTIAL

** SECTIONALS **

INT NO	SCIN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	INCHES		
					X	Y	Z
			2	BEFORE	159.06	-37.44	22.18
			2	AFTER	159.41	-35.69	20.28
			3	BEFORE	159.06	-37.84	22.72
			3	AFTER	159.10	-36.46	22.17
			4	BEFORE	159.06	-38.60	26.60
			4	AFTER	158.89	-37.20	25.35
			5	BEFORE	159.06	-38.93	29.77
			5	AFTER	158.70	-37.65	29.69
			6	BEFORE	159.06	-38.65	30.44
			6	AFTER	158.64	-37.30	31.89
			7	BEFORE	159.06	-38.57	31.86
			7	AFTER	158.49	-37.10	37.83
			8	BEFORE	159.06	-38.38	36.86
			8	AFTER	158.51	-36.55	39.78
			9	BEFORE	159.06	-37.36	41.47
			9	AFTER	158.70	-35.64	42.14
			10	BEFORE	159.06	-38.10	44.00
			10	AFTER	159.77	-34.58	43.29
			11	BEFORE	159.06	-25.58	60.57
			11	AFTER	159.08	-33.50	44.16
			12	BEFORE	159.06	-23.70	61.84
			12	AFTER	160.24	-25.03	60.91
			13	BEFORE	159.06	-21.47	62.32
			13	AFTER	160.33	-24.14	61.83
			14	AFTER	160.39	-23.12	62.42
			15	AFTER	160.24	-22.77	62.62
			16	AFTER	160.26	-22.09	63.01

** SECTIONALS **

MT O	SCN NO	SIDE	SEQ NO	NAME AND CRASH STATUS	INCHES		
					X	Y	X
			17	AFTER	160.28	-21.32	63.33
42	52			VERT SECT 20" AFT I/CL			
			1	BEFORE	159.06	-32.33	31.67
			1	AFTER	159.93	-30.79	31.94
			2	BEFORE	159.04	-32.64	36.52
			2	AFTER	159.92	-31.00	36.51
			3	BEFORE	159.06	-32.39	41.25
			3	AFTER	159.85	-30.64	41.38
			4	BEFORE	159.06	-32.62	43.21
			4	AFTER	159.91	-30.71	42.91

CRTS 0012863

** COMMENTS **

ANY AUTOMATICALLY GENERATED COMMENTS APPEAR IN THIS BOX:

THIS VEHICLE IS SET UP TO DESIGN ATTITUDE AND WHILE SUPPORTED IN ENGLISH UNITS, USES A METRIC PRINT NEED. SUSPENSION COMPONENTS ARE NOT IN DESIGN POSITION. COORDINATES CAN BE CONVERTED TO DESIGN PRINT VALUES BY USING THE FOLLOWING, asking for a metric print-out or TO CONVERT TO METRIC DESIGN PRINT VALUES: MULTIPLY BY 25.4. TO CONVERT TO ENGLISH DESIGN PRINT VALUES: (for most DOMESTIC VEHICLES) SUBTRACT 78.74 (2000 MM) FROM THE X VALUE AND SUBTRACT 19.69 (500 MM) FROM THE Z VALUE.

*** THE " D " DIMENSION UNDER " INCHES CHANGED X Y Z " ***
 *** IS THE SCALAR (TRUE VALUE) DISTANCE CHANGE OF THE POINT ***

ON SIDE IMPACTS FOR VEHICLES WITH A WHEELBASE OF 114 inches or less
 SCRIBE (4) VERTICAL LINES on side of impact from ROCKER TO BELT LINE @:
 (1) WHEELBASE C/L (2) 37" FORWARD OF WHEELBASE C/L
 (3) 4" FORWARD OF WHEELBASE C/L (4) 29" REARWARD OF WHEELBASE C/L

ON SIDE IMPACTS FOR VEHICLES WITH A WHEEL BASE GREATER THAN 114 INCHES
 SCRIBE (4) VERTICAL LINES on side of impact from ROCKER TO BELT LINE @:
 (1) 20" (2) 53" (3) 86" REARWARD OF FRONT AXLE CENTER LINE
 (4) @ WHEELBASE CENTER LINE

BELT LINE (INTERIOR SECTION) LOCATED @ 1st INCREMENTED 50mm BODY LINE BELOW GLASS/WEATHERSTRIP

MID LINE (EXTERIOR SECTION) LOCATED @ _____ mm BODY LINE

CHARACTER LINE (EXTERIOR SECTION) LOCATED @ _____ mm BODY LINE

ROCKER LINE (EXTERIOR SECTION) LOCATED @ 1ST INCREMENTED 10mm BODY LINE BELOW DOOR OPENING

ANY COMMENTS ENTERED BY OPERATORS APPEAR BELOW THIS LINE:

 ***** 850 POINT DESCRIPTION *****

- 01. R/FRONT BILL SETUP
- 02. R/REAR BILL SETUP

TIME AND DATE OF REPORT: 14-AUG-02 16:02:31

PAGE 1

CRIS 0012863

ENTIRE PAGE CONFIDENTIAL

** COMMENTS **

- FOLLOWING ARE ACCELS -

03. C/L TUNNEL UNDER DASH
04. C/L TUNNEL BTWN SEATS
05. CROSSMEMBER UNDER DRIVER SEAT
06. L\F DOOR AT BELTLINE MID
07. L\F DOOR AT BELTLINE REAR
08. L\F DOOR AT STRIKER
09. L\F DOOR AT BOTTOM REAR
10. L\F DOOR UNDER ARMREST
11. L\F DOOR UNDER SPEAKER
12. L\F DOOR BOTTOM MID
13. L\B PILLAR AT ROCKER
14. L\B PILLAR ABOVE RETRACTOR
15. L\B PILLAR AT ROOF
16. L\ROCKER AT A\PILLAR
17. L\ROCKER AT FRNT SEAT MID
18. L\ROCKER AT B\PILLAR
19. L\ROCKER REAR SEAT MID
20. CROSSMEMBER UNDER PASSENGER SEAT
21. R\B PILLAR AT ROCKER
22. R\B PILLAR ABOVE RETRACTOR
23. R\ROCKER AT A\PILLAR
24. R\ROCKER FRNT SEAT MID
25. R\ROCKER AT B\PILLAR
26. R\ROCKER REAR SEAT MID
27. RAD SUPPT R/S
28. RAD SUPPT L/S INNER
29. RAD SUPPT L/S OUTER
30. FUEL INERTIA SWITCH

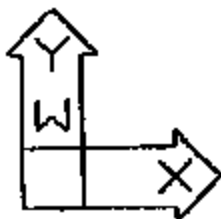
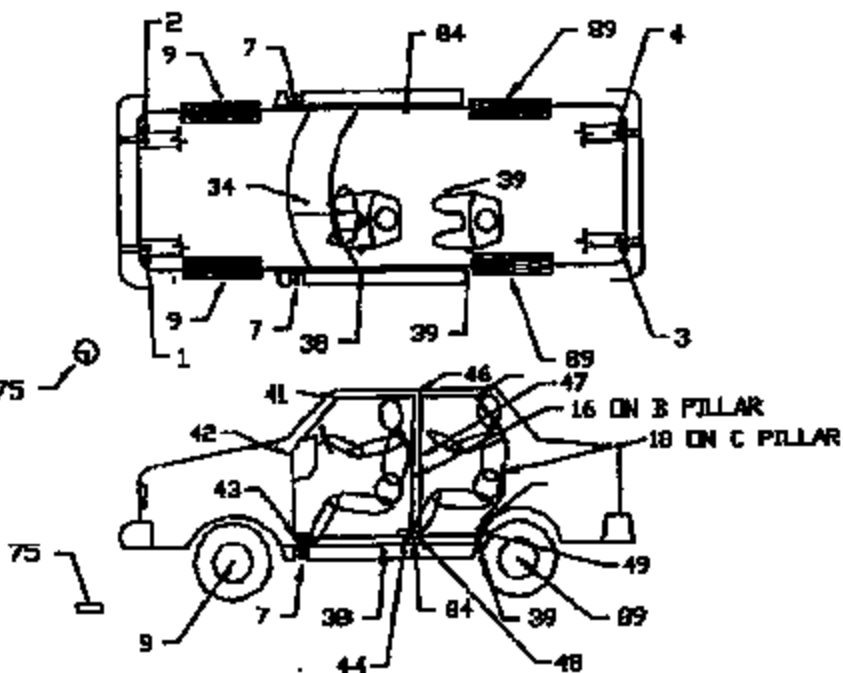
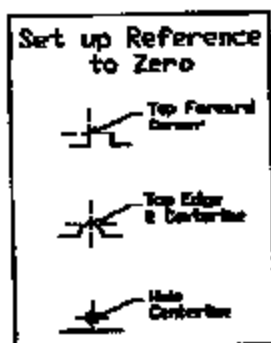
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TIME AND DATE OF REPORT: 14-AUG-02 16:02:31

PAGE 2

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CONTROL POINTS (SIDE IMPACT CAR) REQUEST 404
 UNIT 70 POINT 75
 UNIT 71 POINTS 7 LEFT & RIGHT
 UNIT 74 POINTS 41-44,46-49 ON SIDE OF IMPACT
 UNIT 74 POINTS 53,54 ON SIDE OPPOSITE OF IMPACT
 UNIT 411 POINTS 1-4,38,39,84
 UNIT 412 POINTS 9,16,18,89 LEFT & RIGHT
 (LEFT SIDE IMPACT SHOWN)



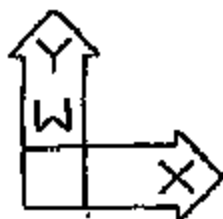
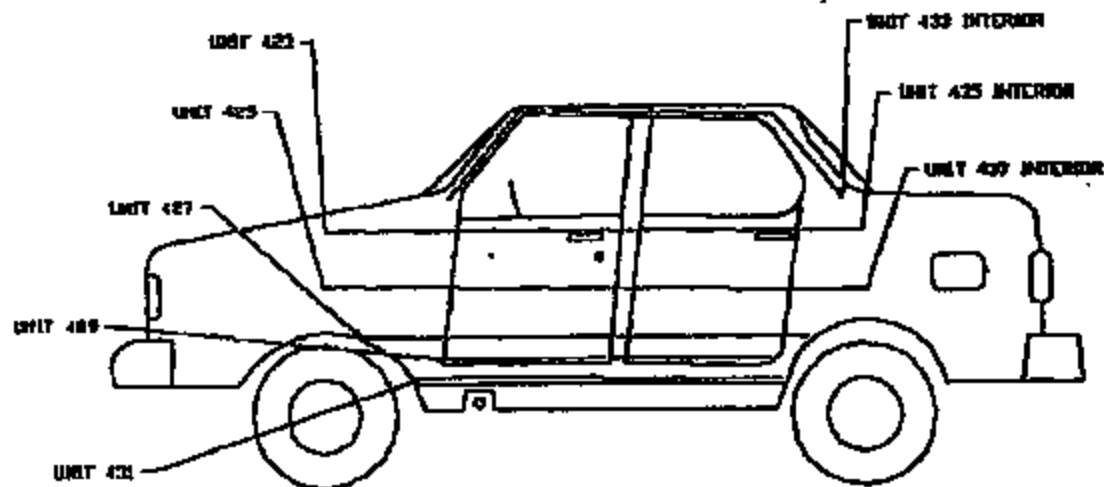
REQUEST 404 IPIIC 960 12/96

DR/BN/CI

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EXTERIOR & INTERIOR HORIZ. SECTIONALS SIDE IMPACT
REQUEST 423,425,427,429,431,433,435,437

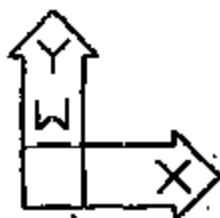
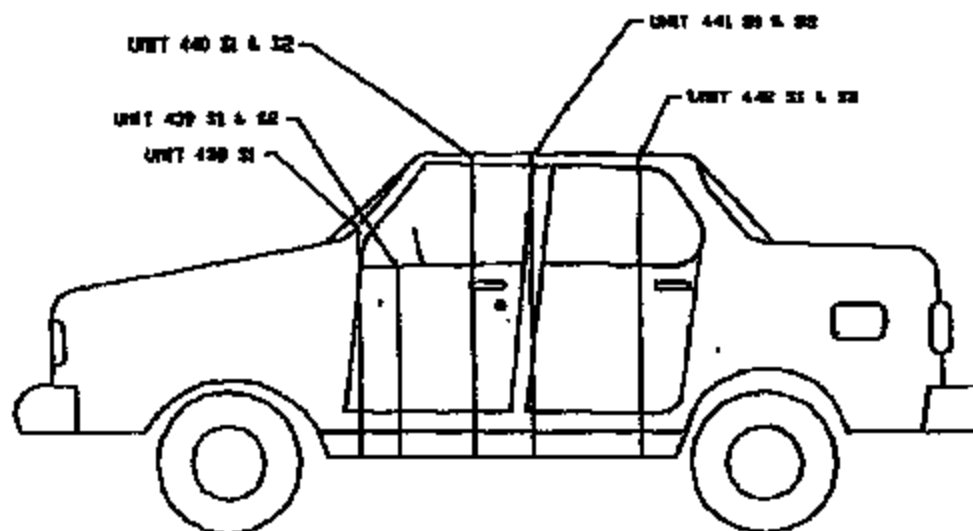


REQUEST 423,425,427,429,431,433,435,437 UPIC 977 10/96

DBEPAK11

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REQUEST 438 - 442 VERT. SECTIONS SIDE IMPACT
UNITS 438 SI, 439 - 442 SI & S2
SI SECTIONS ARE EXTERIOR, S2 SECTIONS ARE INTERIOR

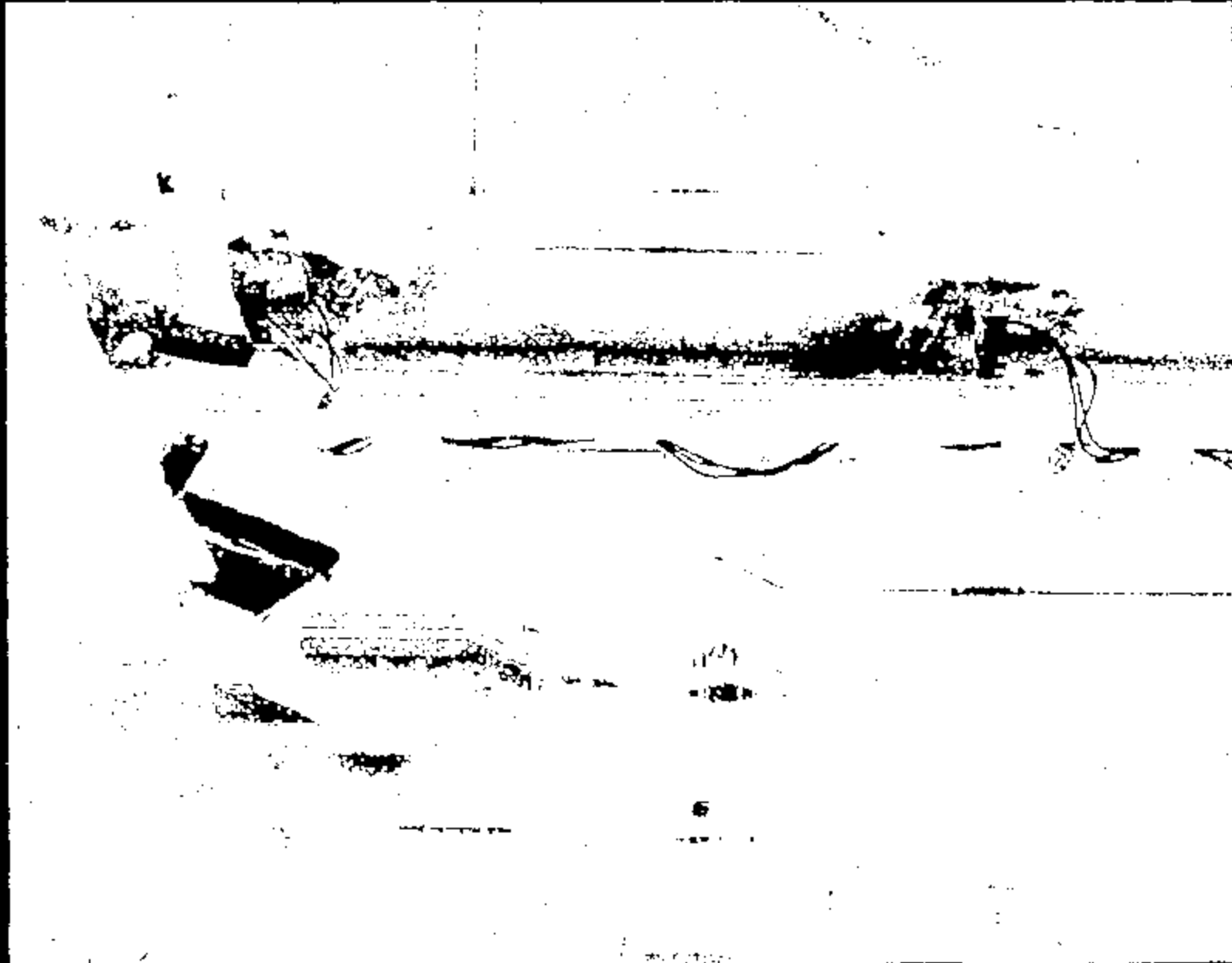


REQUEST 438 - 442 RPTC 979 10/96

REVELL

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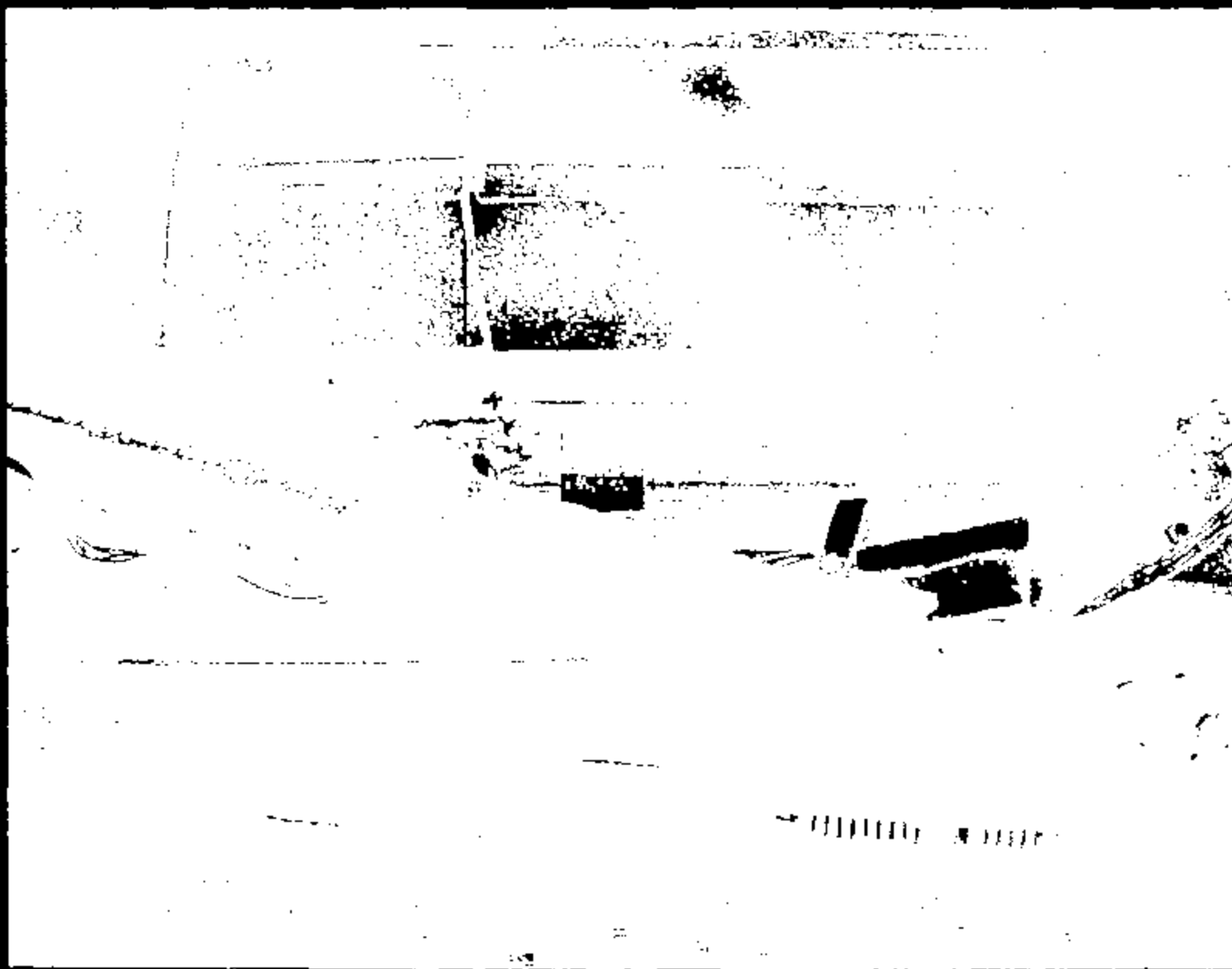


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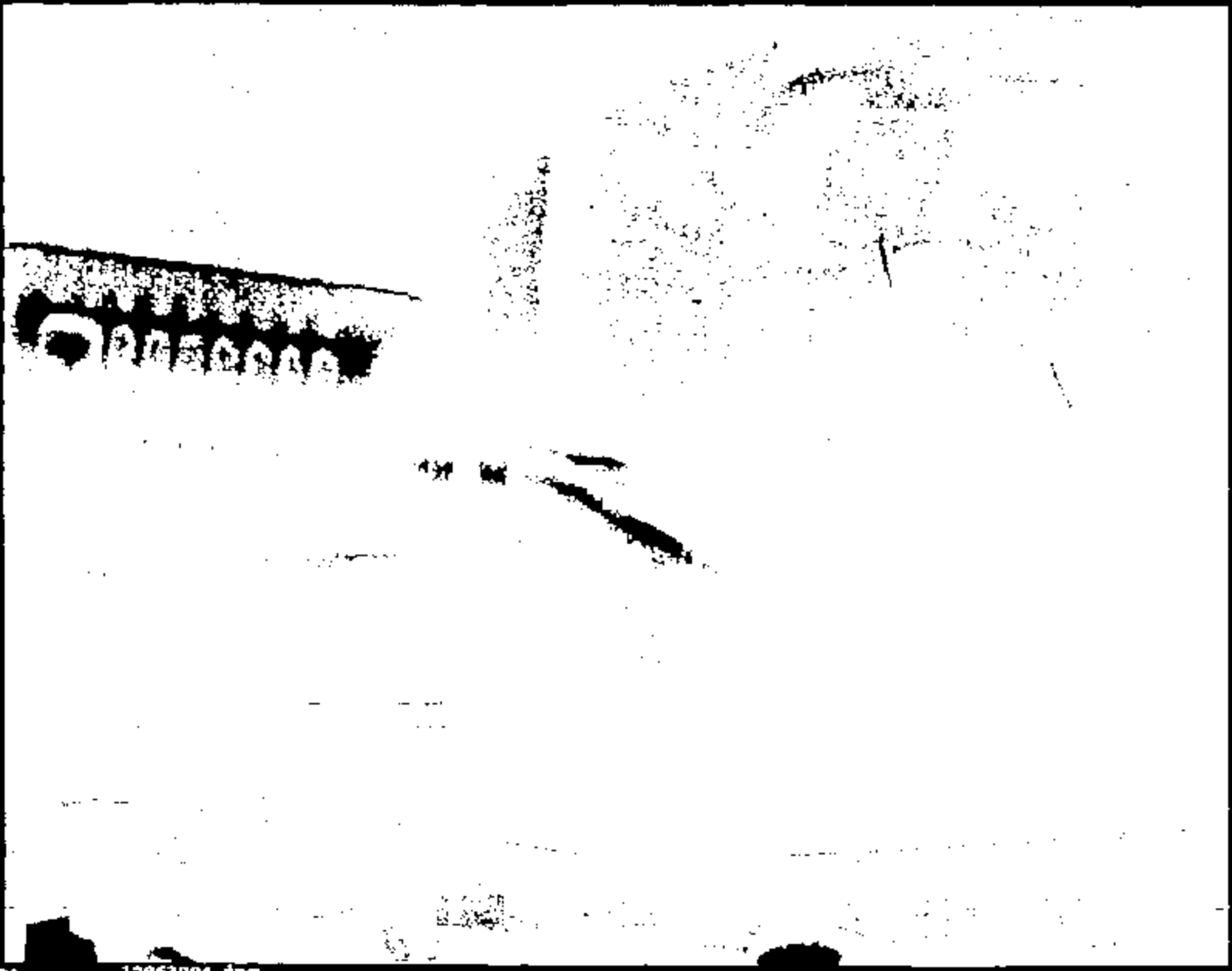
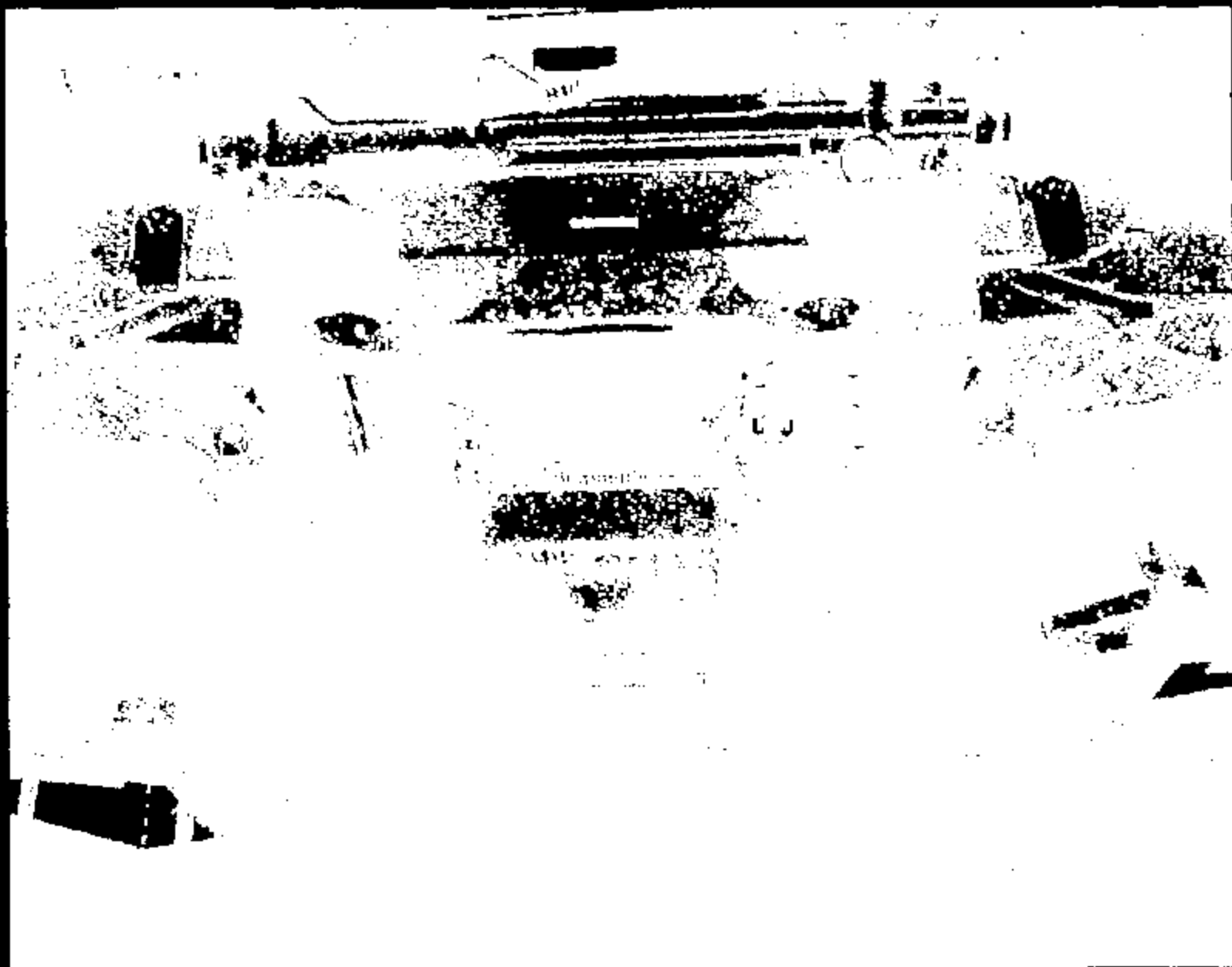


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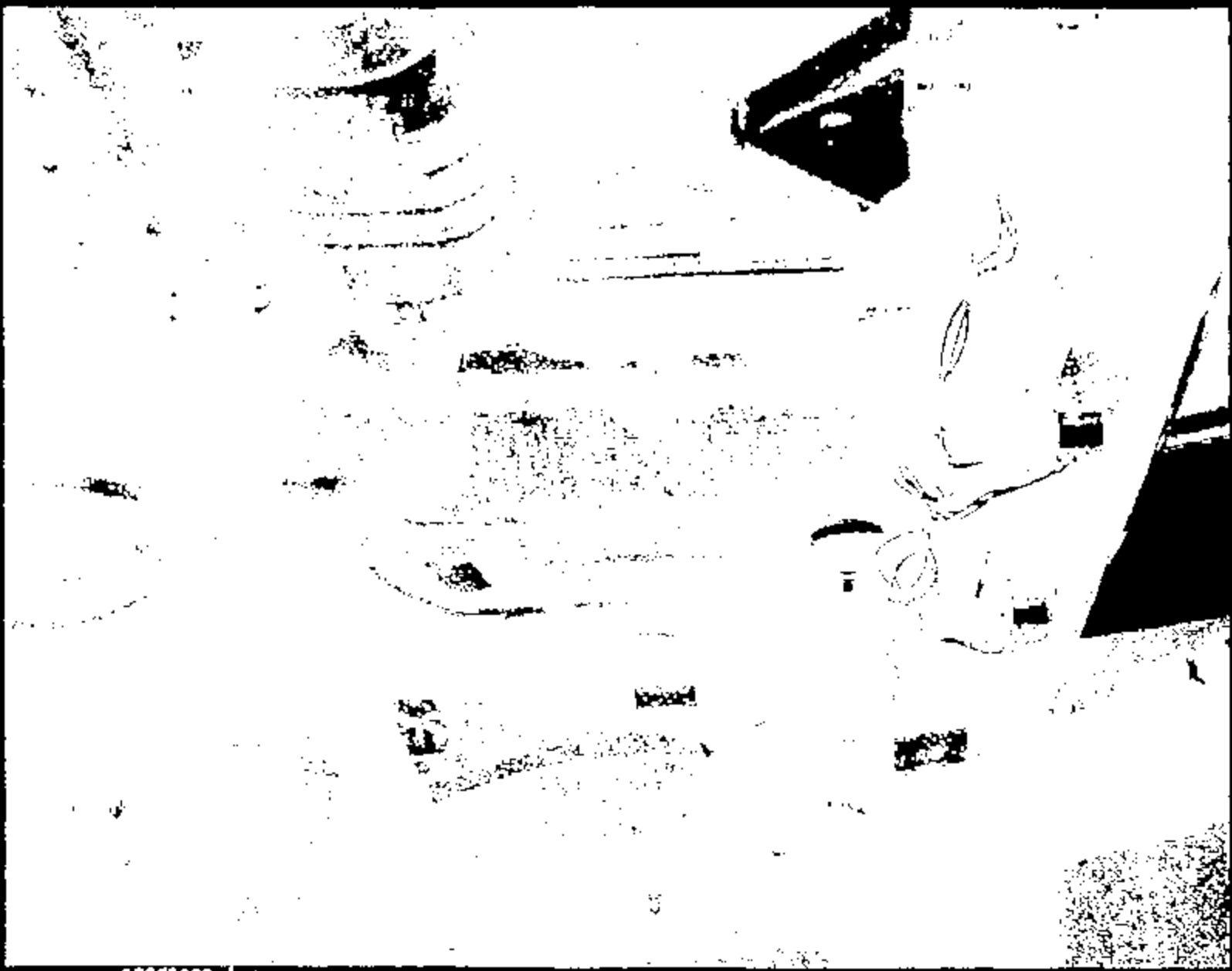
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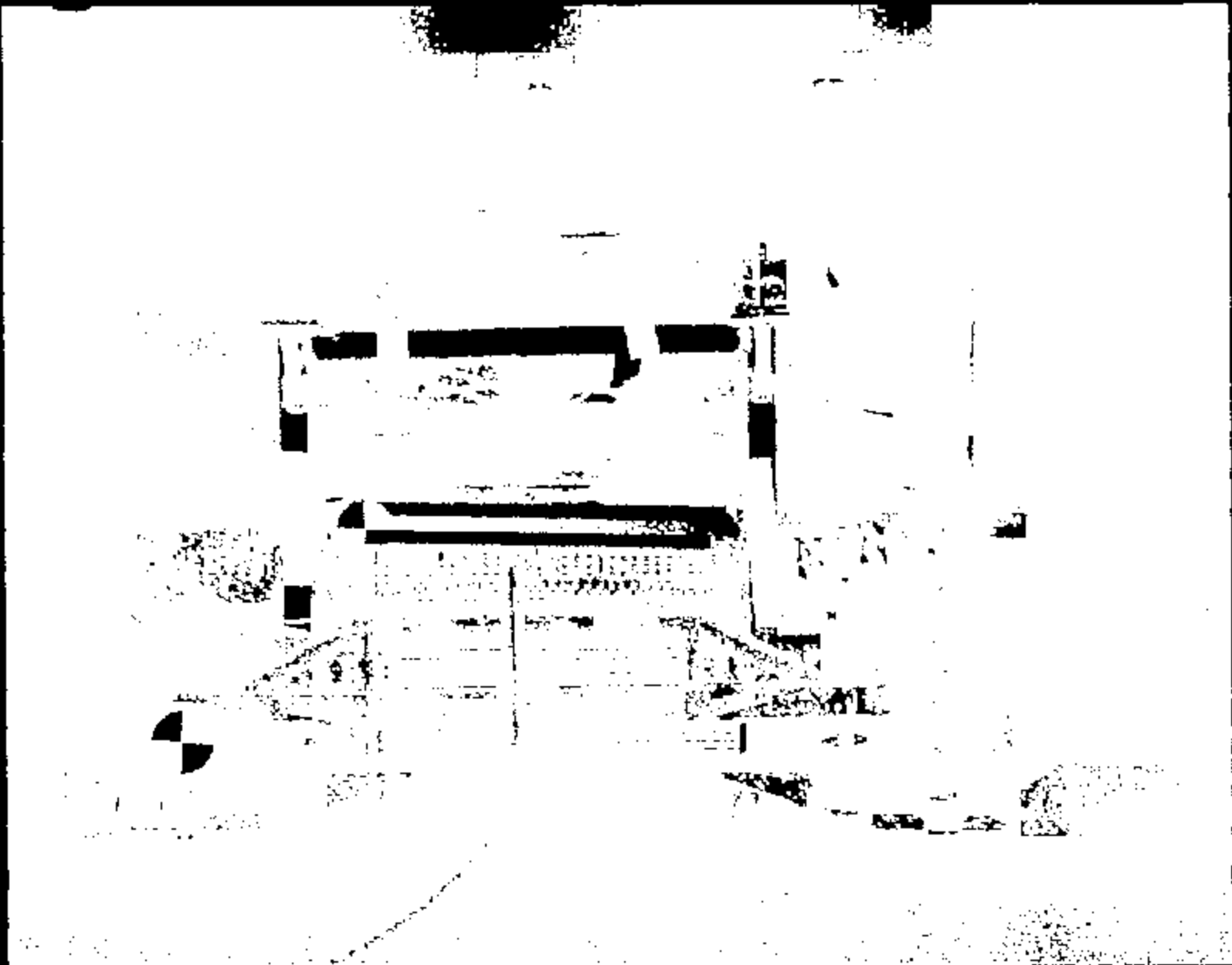
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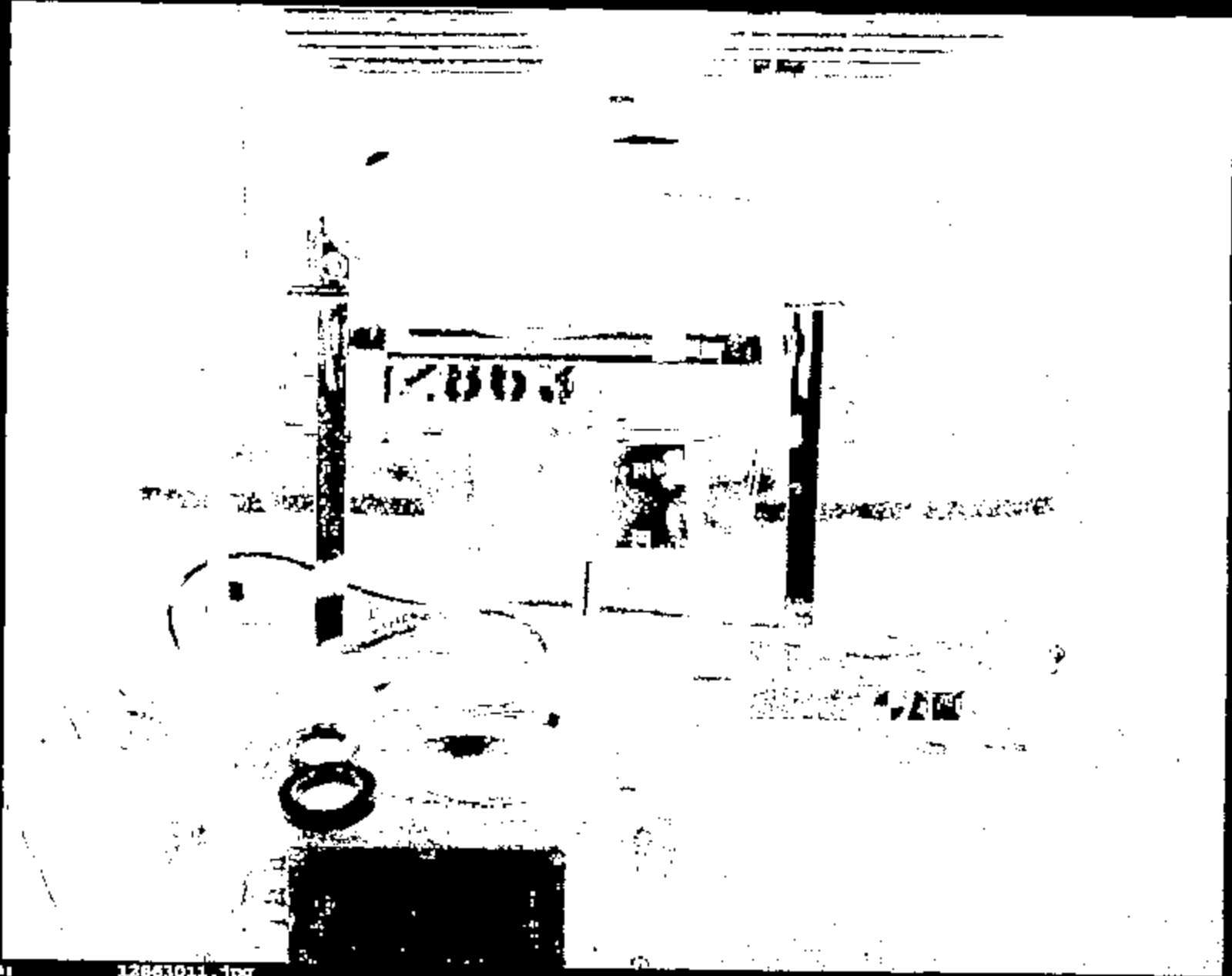


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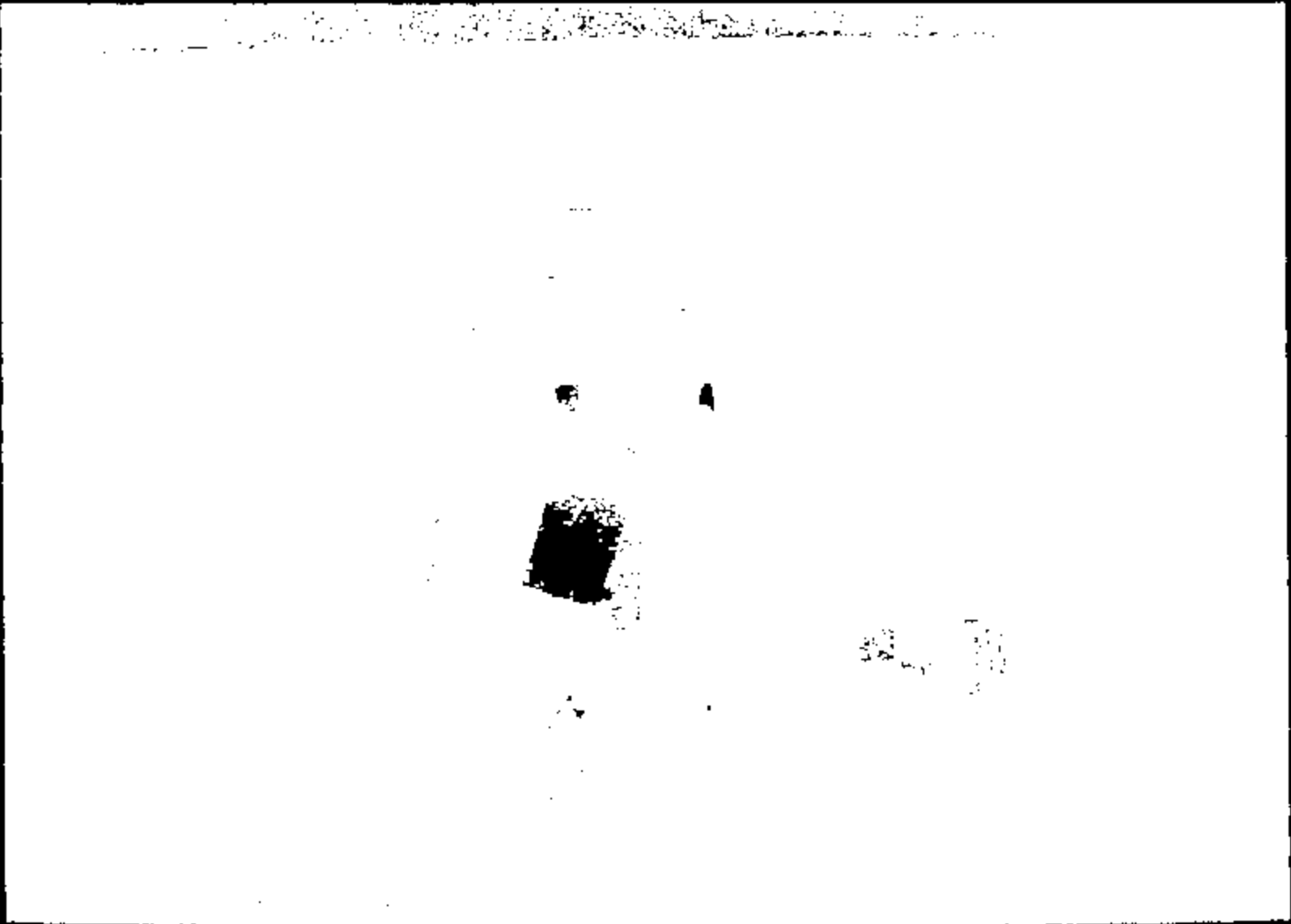
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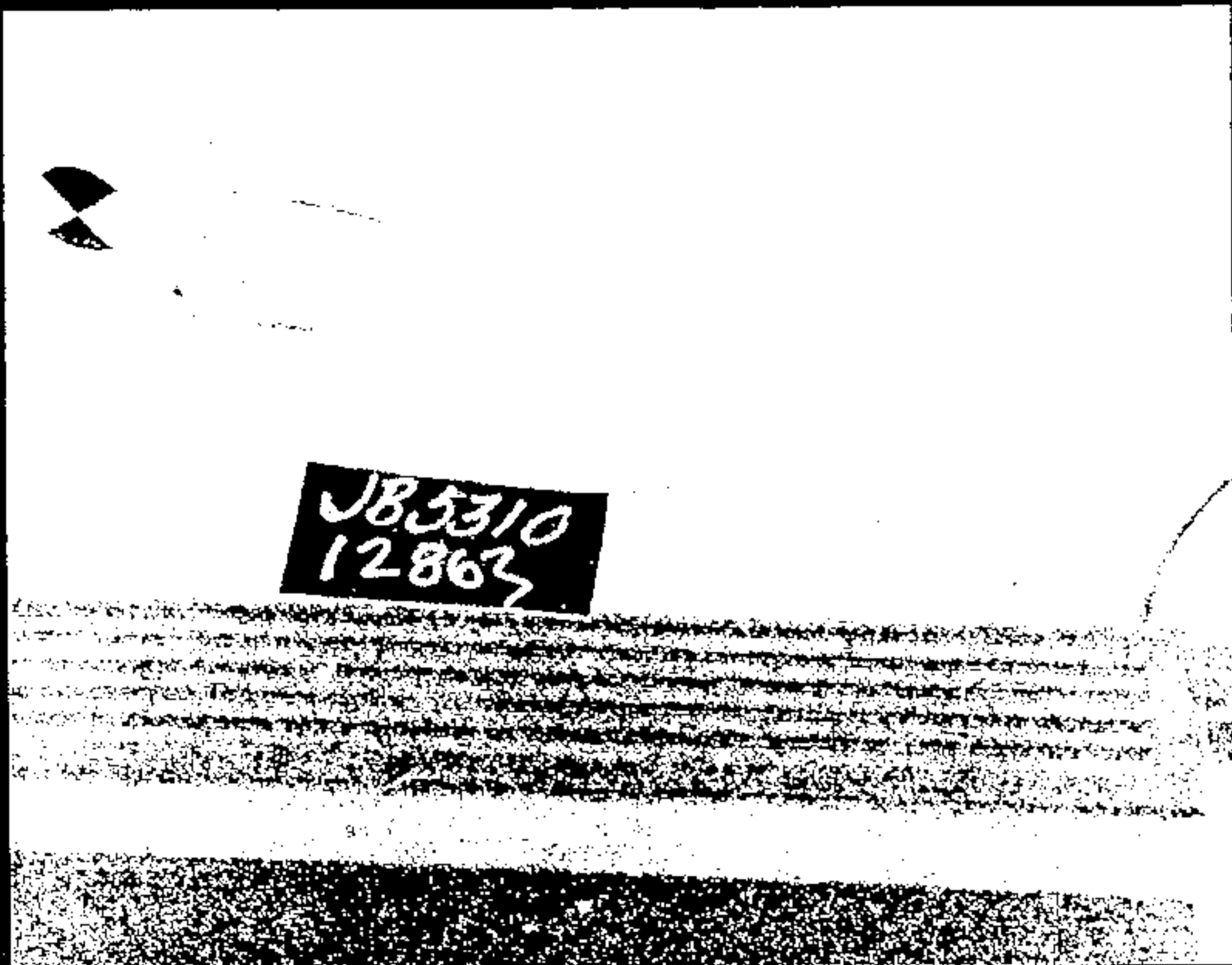


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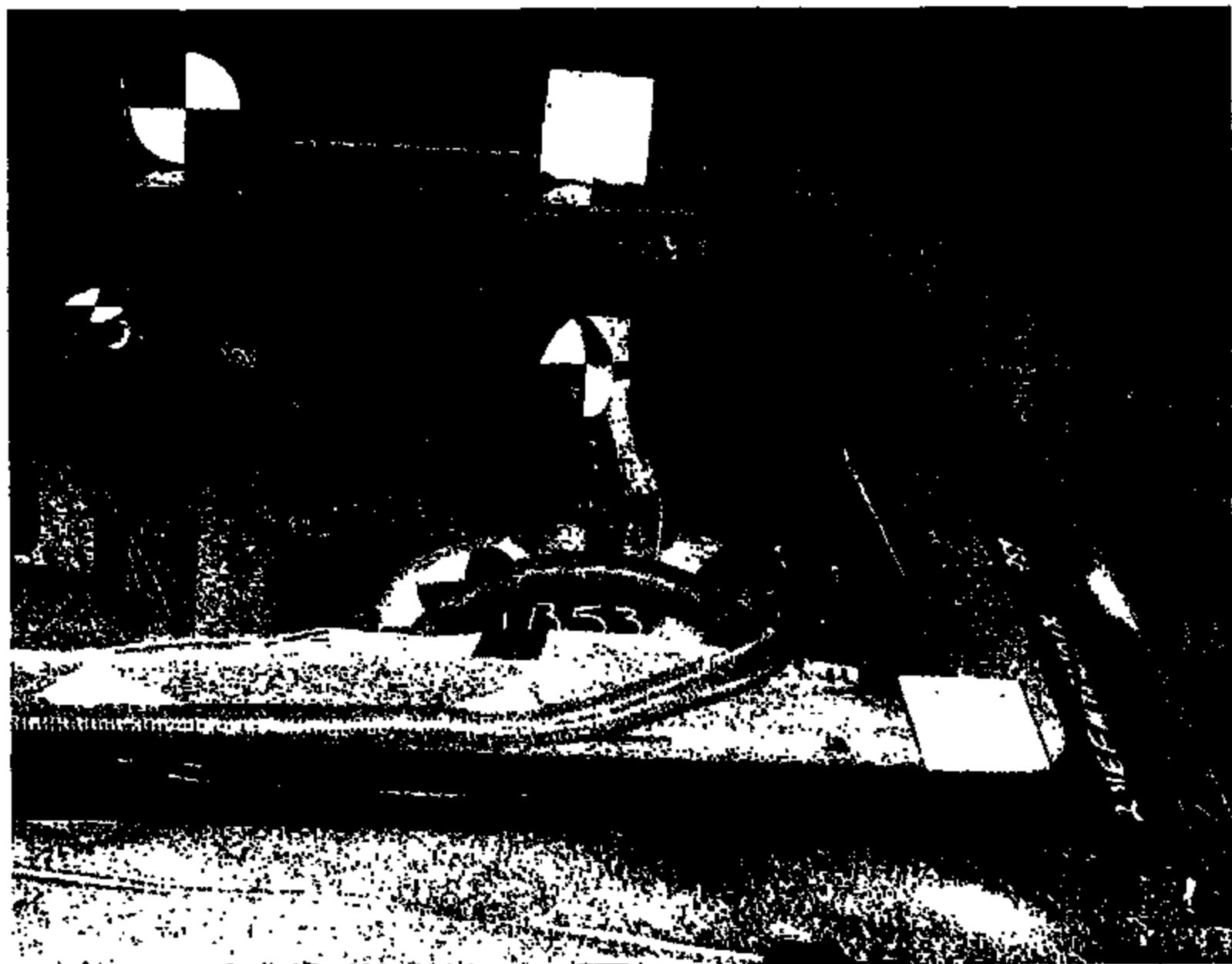


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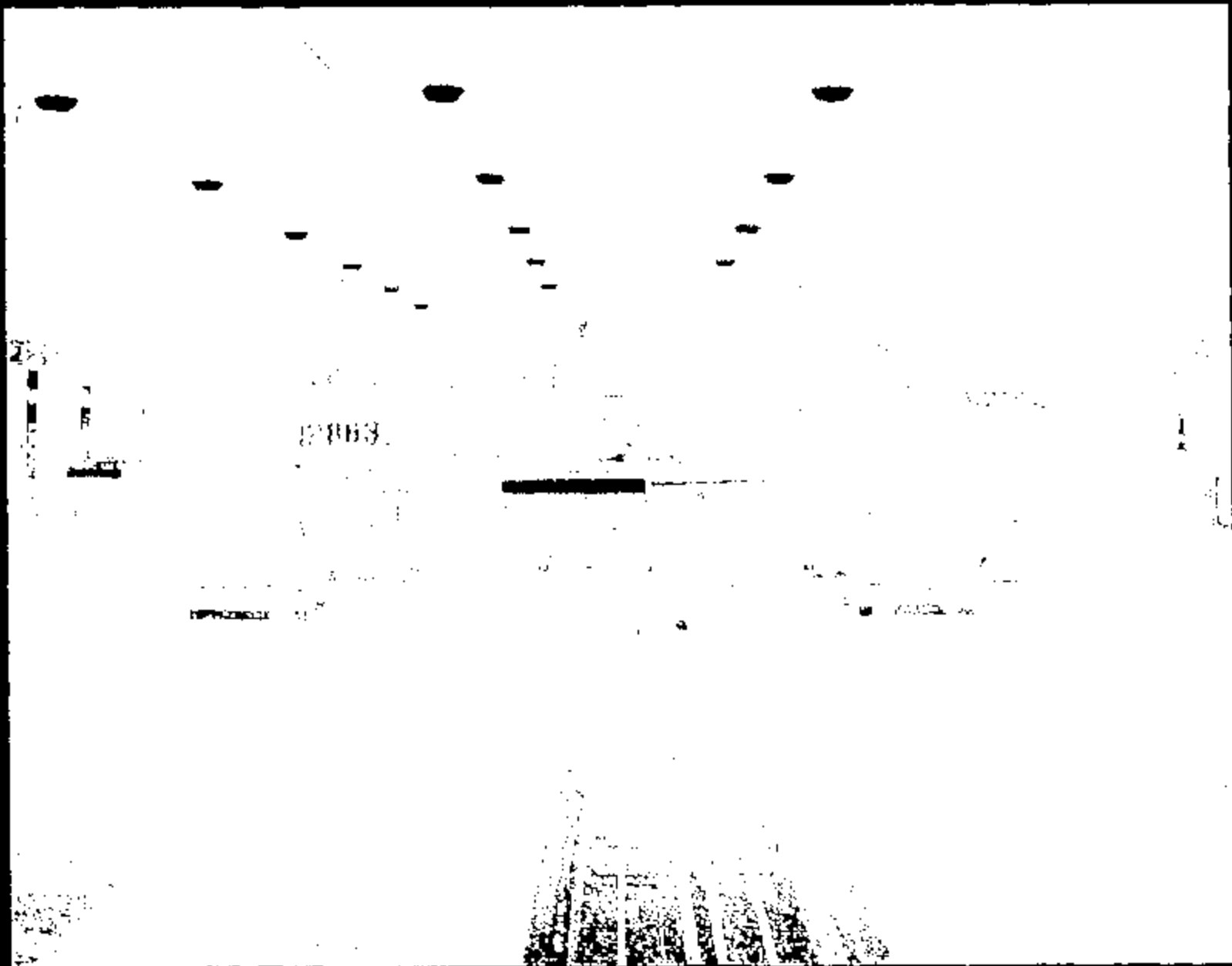
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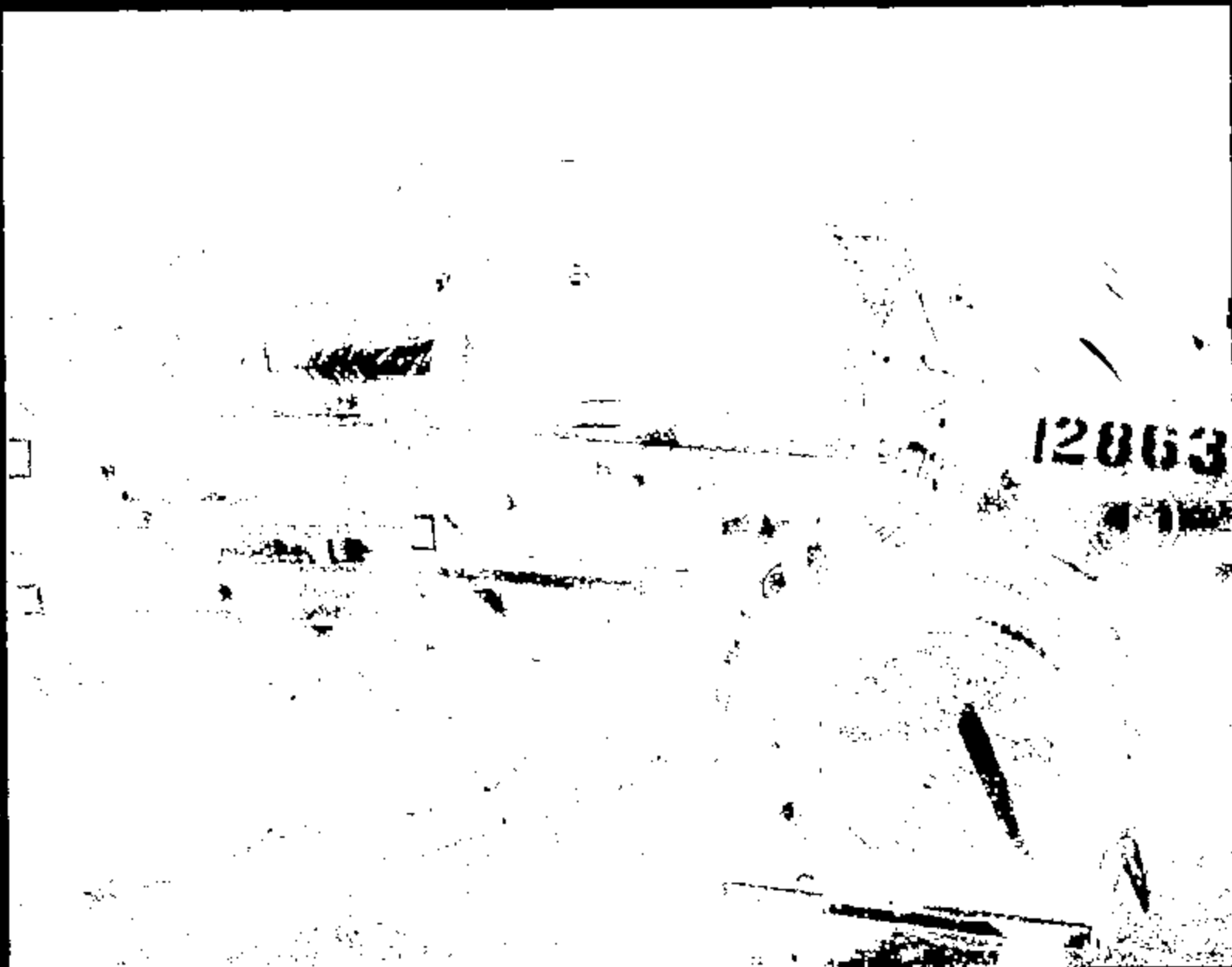
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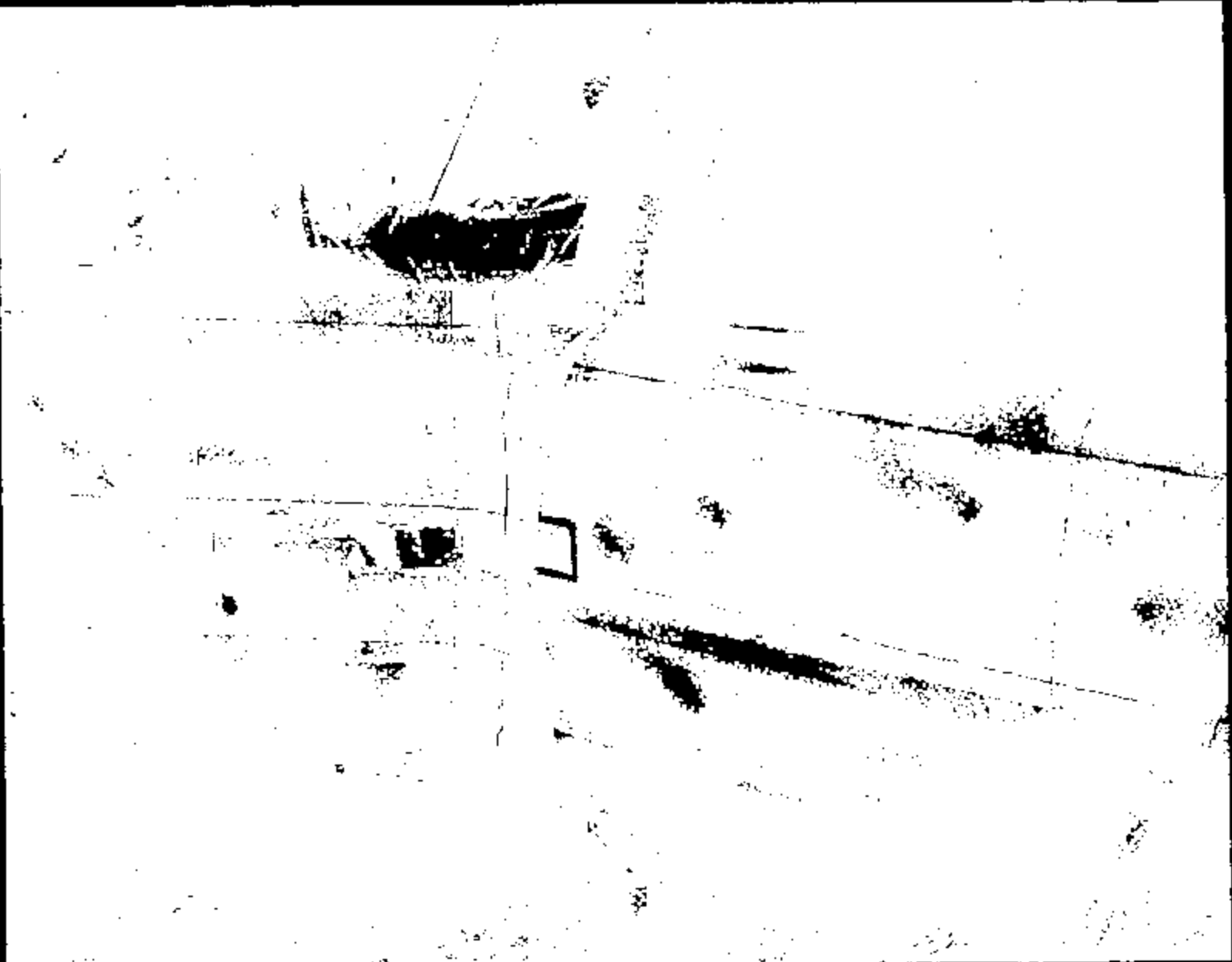
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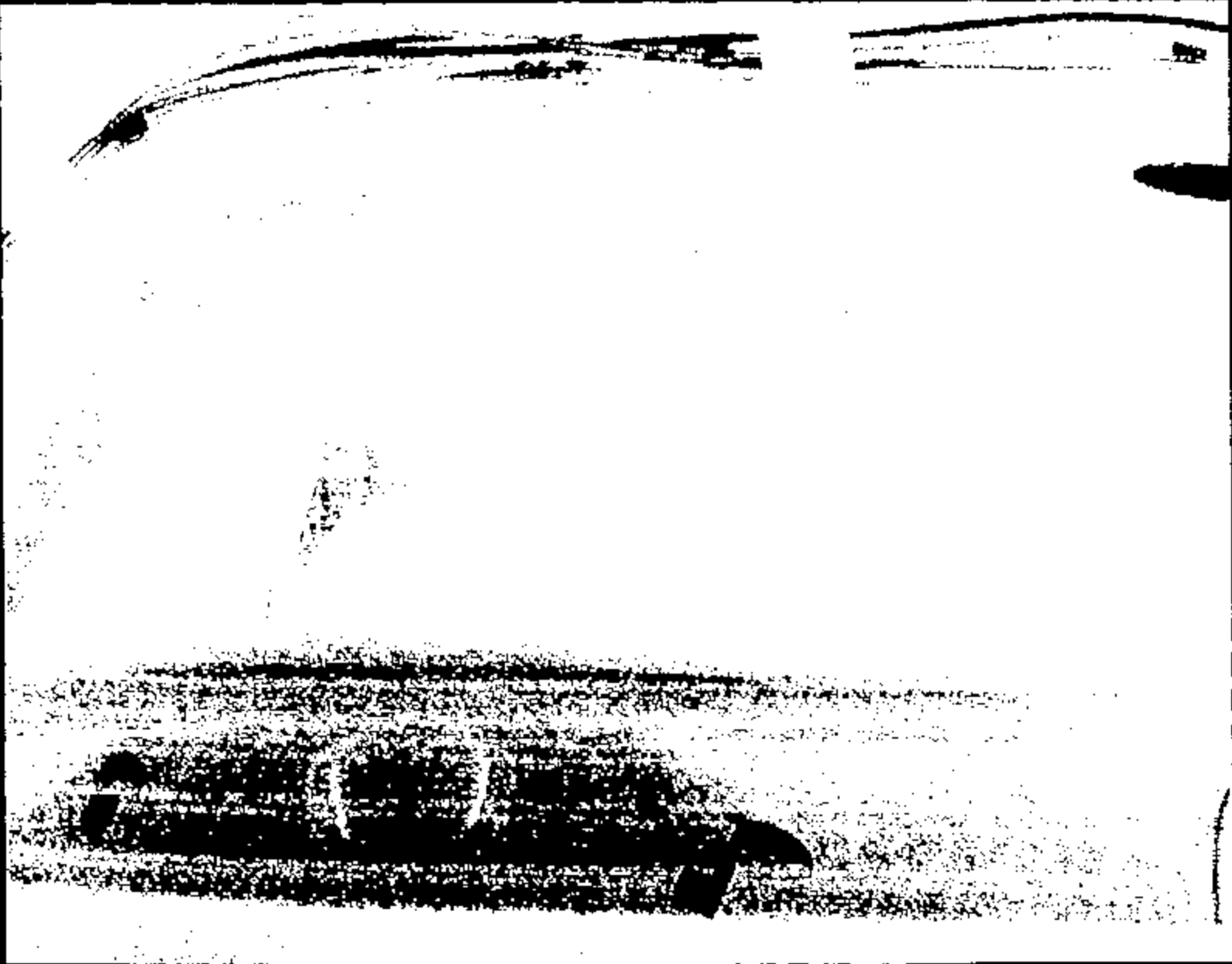


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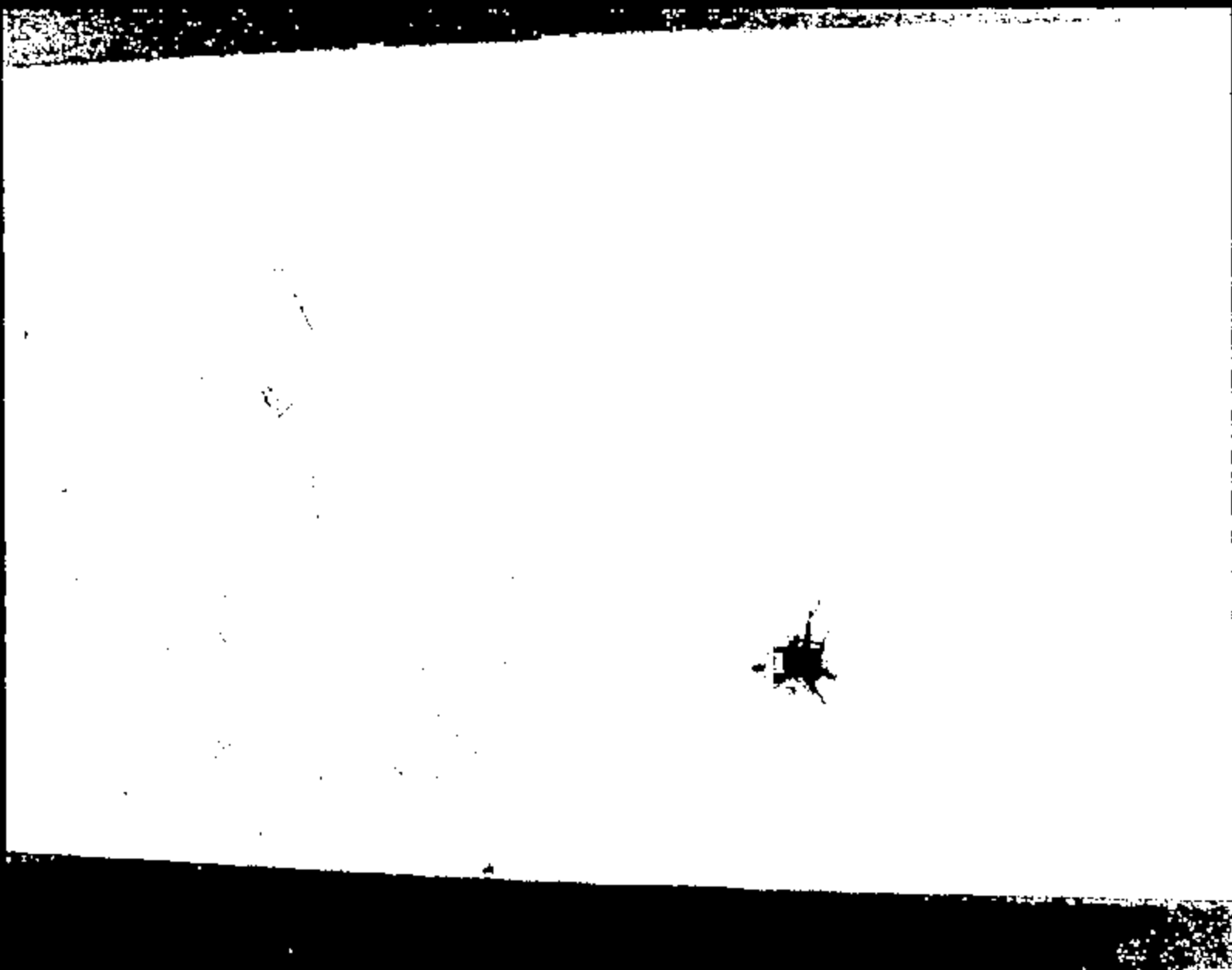


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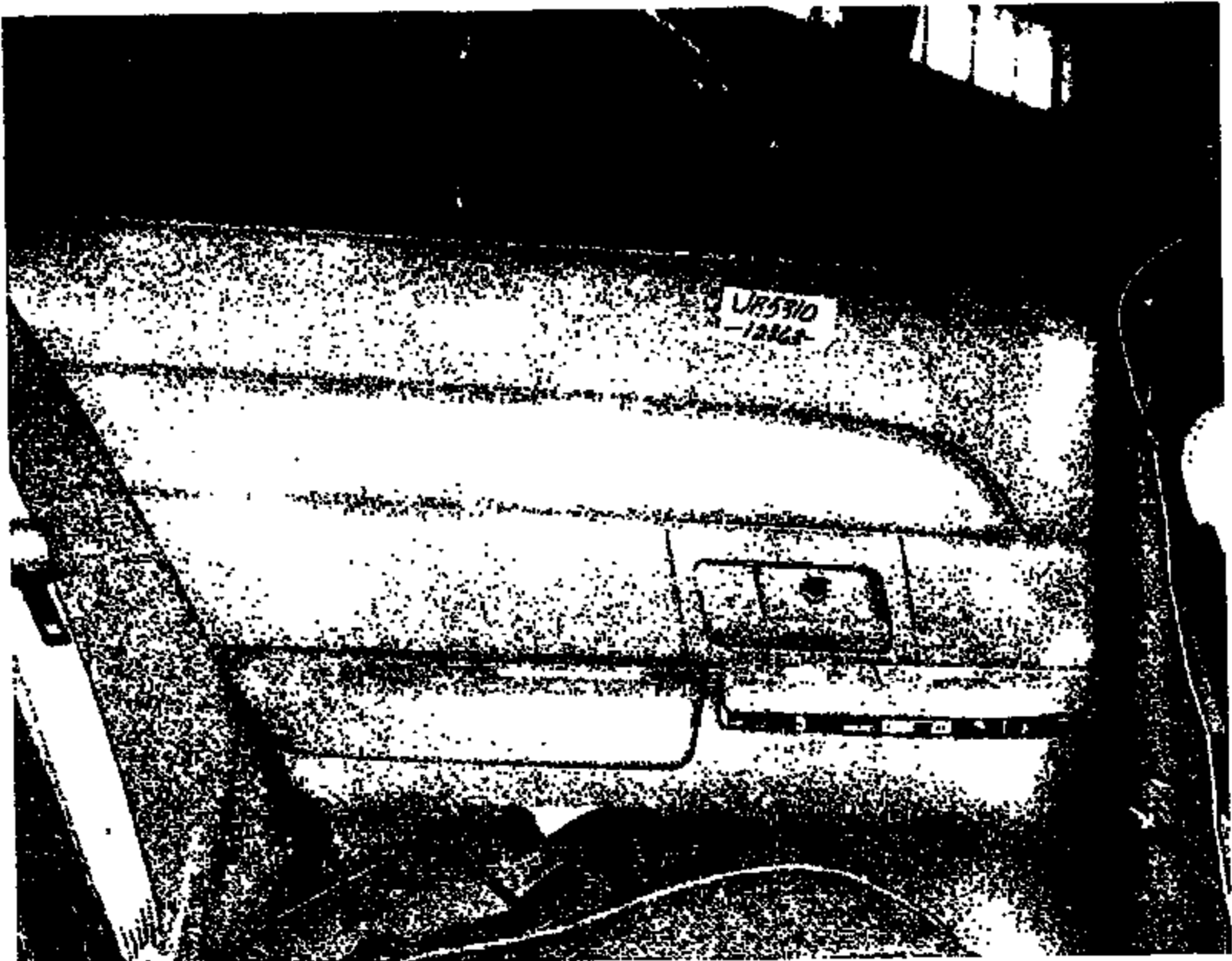


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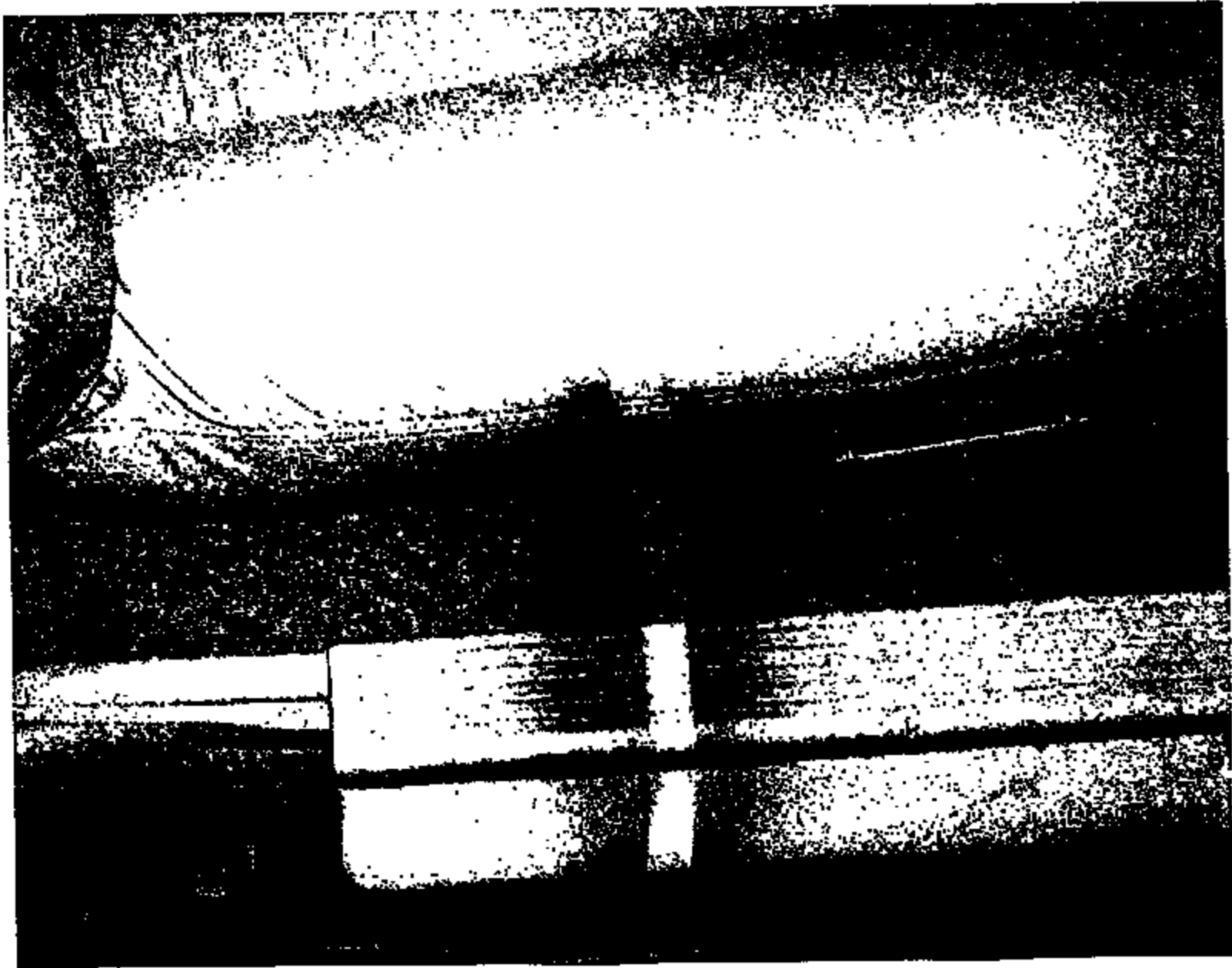
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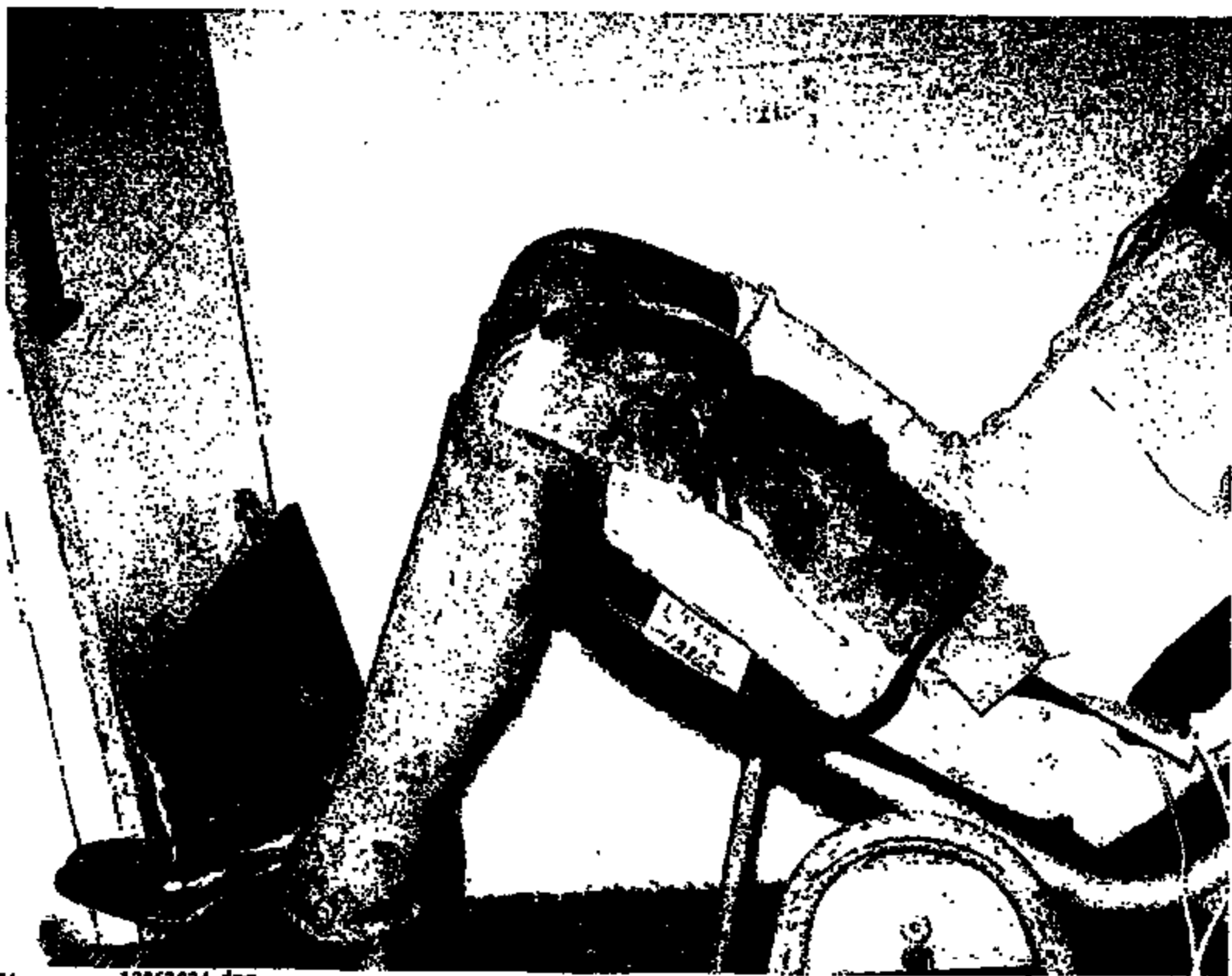
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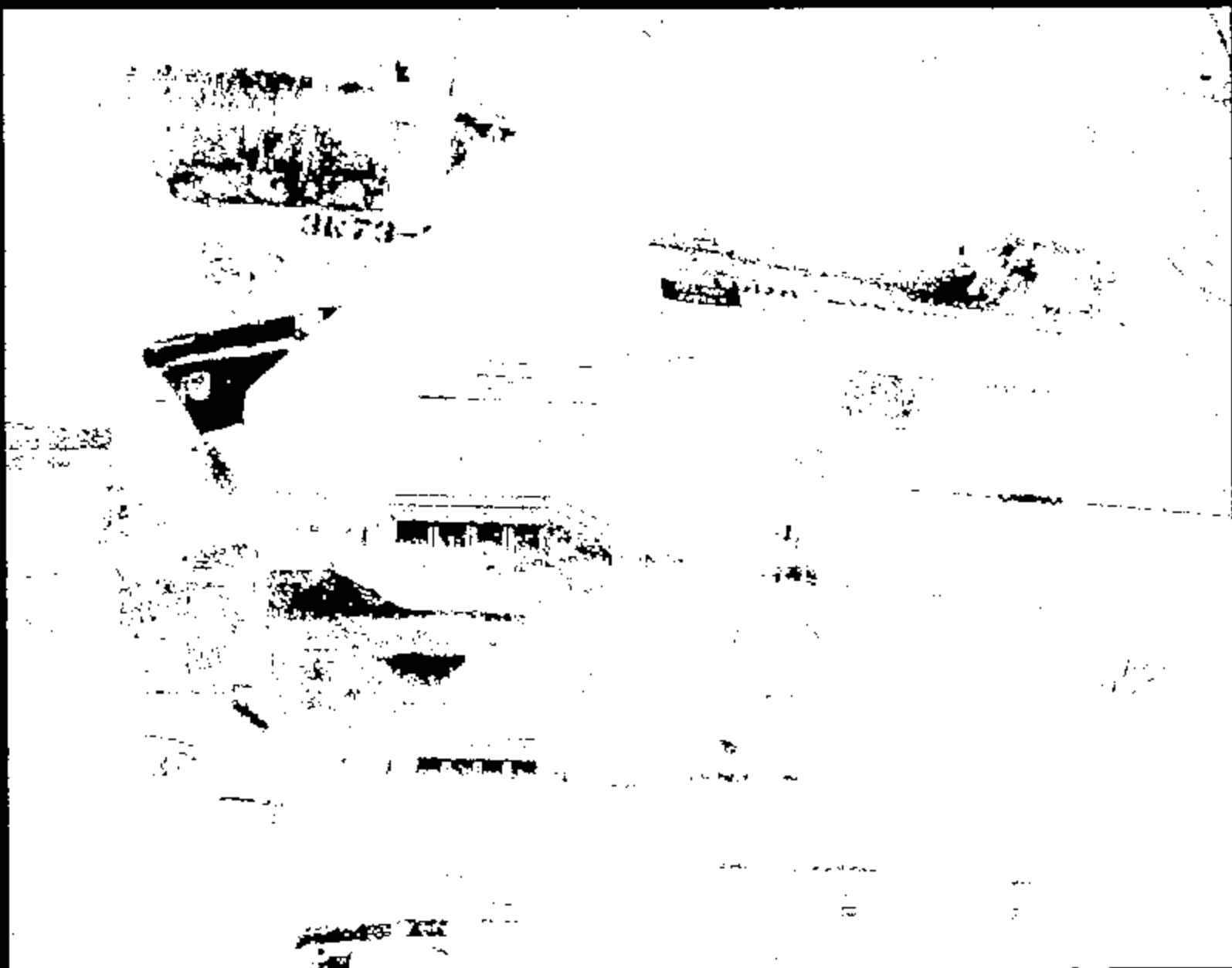


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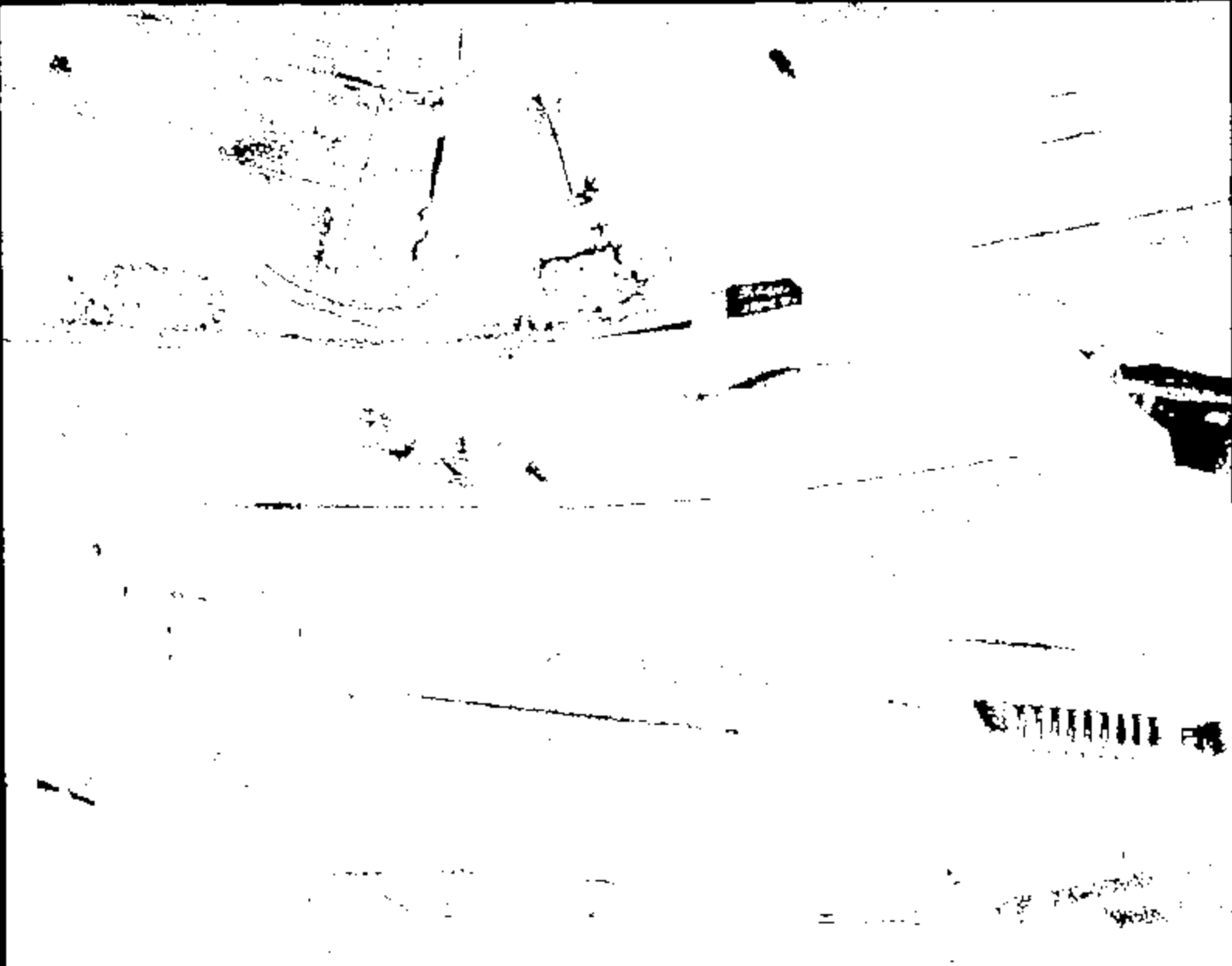


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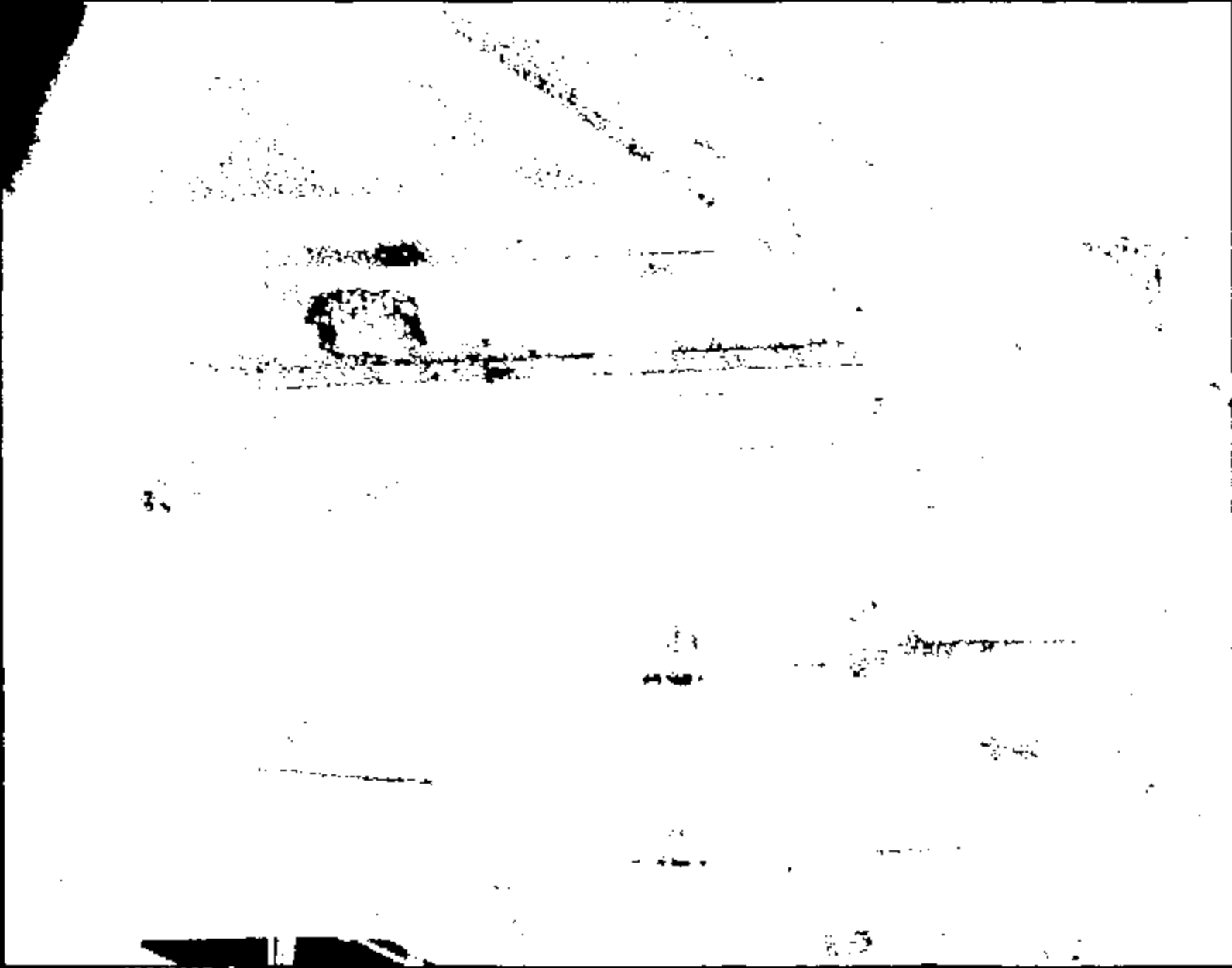
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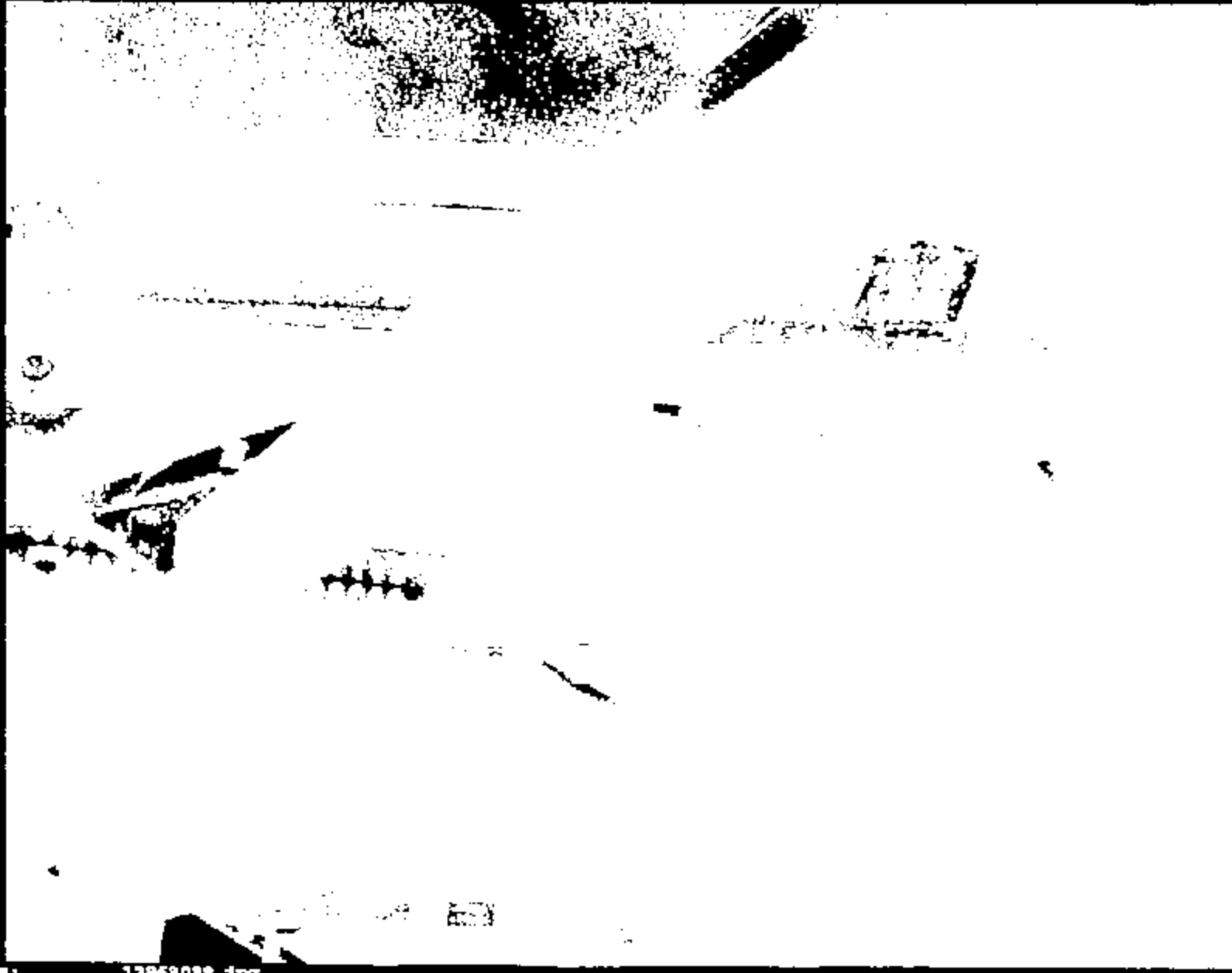


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TEST DETAIL REPORT

FA Overview						No. of Material's
FA No.	Facility Group Name	Program Year	Program ID	FA Title		
J85910	MARKER	2002	SM14	15 mph 1st Side Folds (16 in.) (Deltech)		1
Requesting Dept #	Work Year #	MTL	Creation Date	Submission Date	Last Revised Date	Requested Completion Date
3101221	J85		03/21/2002	03/22/2002	04/19/2002	04/03/2002
Contact Information						
Sub Function	EMAIL	NAME	PHONE	MAIL		
ENGINEER	frank	Frank, M. A. (Marjolin)	1-313-3372883	Day		
BUILD COORDINATOR	jcisalak	Cisalak, J. J. (John)	1-313-8453379	Day		
APPROVING SUPERVISOR	mherrail	Herrail, M. A. (Marwan)	1-313-3371600	Day		
FIELD PERSON FOR MARKING	west10	West, M.E. (Sam)	1-313-5944212	Day		
Comments:						

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TEST DETAIL REPORT

TA/Matrix's Overview								
V.A. No.	XREF	Run #	Test Date	Facility Name	Regulated Test Velocity	Crash Mode Angle	Crash Mode Impact Area	Test Type
JR318	1			SA	13	90 Degree	Side Pole	Development
Comment			Test Equipment			Test Objectives/Remarks		
13 mph SA Side Pole (18 in. pole). Use surge 201 positioning procedure.			CHR: 80.00-1-000-08 80-15 - Moving Barrier Side Impact Test - Occupant Crash Protection			SA Side Pole Development		

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TEST DETAIL REPORT

Test Matrix Comments

Film Analysis Information

Measurement Location	Object		
Dummy Head	NET VEHICLE LATERAL	Displacement, Velocity, Acceleration	
Dummy Head	NET VEHICLE VERTICAL	Displacement, Velocity, Acceleration	
Dummy Head	NET FOLE	Displacement, Velocity, Acceleration	
Dummy Head	NET VEHICLE RESONANCE	Displacement, Velocity, Acceleration	
Impact Speed	NET GROUND	Velocity	
Vehicle	NET FOLE DIRECTION (DOWNWARD)	Displacement	
Dummy Chest	NET VEHICLE LATERAL	Displacement, Velocity, Acceleration	
Comments			

Media Request

0 Copies of High Speed(HS) Film required

0 Copies of High Speed(HS) Film on VHS

0 Copies of High Speed(HS) Video on VHS

0 Copies of High Speed(HS) Video on 350 Format VHS(Europe)

0 Stills on CD

0 Data on CD

0 Digitized High Speed(HS) Film on CD

0 Stills Printed

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TEST DETAIL REPORT

TA # JMS310
Matrix # 1

Object/Vehicle General Information							
Test Object	Vehicle Year	Vehicle Make	Program Prototype Level	Vin #	Tag #	Build #	Dimensional Analysis
TRUCK	2001	CHEVROLET	CP	200175001167699	348823	7733001	NO
Sketch/ Picture #:							

Object/Vehicle Body Information						
Object	Vehicle Type	Drive Shaft	Body Type	Body Style	No of Doors	Bed Type
TRUCK	CRV	Left	BOX ON FRAME	REGAN	4	

Object/Vehicle Mechanical Information					
Object	Engine Type	Transmission Type	Drive Type	Wheel Size	Suspension Type
TRUCK	4.0L I4	4A70e	REAR 2WD	114.7	CONVENTIONAL FRONT & REAR
Tires (Size, Pressure): Front (P225/60R16, 32 psi) Rear (P225/60R16, 32 psi) Spare (removed, full)					

Object/Vehicle Ride Height Info				
Object	Position			
TRUCK	Front	710 mm	FROM WHEEL CENTER TO GROUND	
	Rear	713 mm	FROM WHEEL CENTER TO GROUND	
	Attitude	Deg.	From	To
Comments				

Object/Vehicle Fuel Information									
Object	Tank No.	Fuel System	Capacity (gal)	SPILL	Fill Sub. (gal)	Service Rec. (gal)	TWD.	Fill From (gal)	Comments
TRUCK	1	Gasoline	15	0%	0				Fuel system not representative, do not fill.

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TEST DETAIL REPORT

TA # J85310
Matrix # 1

Object/Vehicle Weight Information																											
Object	Curb Weight	Requested Weight	(+11% Var./ -11% Var.)	Rated Luggage Load	Gross Vehicle Weight Rating (GVWR)	Test Object Option Weight																					
TARGET	Front	2332	(+11/-)	200		334 Option Weight																					
	Rear	2269	(+11/-)																								
	Total	4601	(+25/-)																								
						<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">F</td> <td style="text-align: center;">R</td> <td style="text-align: center;">T</td> </tr> <tr> <td style="text-align: center;">2332</td> <td style="text-align: center;">2269</td> <td style="text-align: center;">4601</td> </tr> <tr> <td style="text-align: center;">- 194</td> <td style="text-align: center;">- 194</td> <td style="text-align: center;">- 388</td> </tr> <tr> <td style="text-align: center;">2138</td> <td style="text-align: center;">2075</td> <td style="text-align: center;">4213</td> </tr> <tr> <td style="text-align: center;">2300</td> <td style="text-align: center;">2088</td> <td style="text-align: center;">4386</td> </tr> <tr> <td style="text-align: center;">+ 194</td> <td style="text-align: center;">+ 194</td> <td style="text-align: center;">+ 388</td> </tr> <tr> <td style="text-align: center;">2494</td> <td style="text-align: center;">2282</td> <td style="text-align: center;">4776</td> </tr> </table>	F	R	T	2332	2269	4601	- 194	- 194	- 388	2138	2075	4213	2300	2088	4386	+ 194	+ 194	+ 388	2494	2282	4776
F	R	T																									
2332	2269	4601																									
- 194	- 194	- 388																									
2138	2075	4213																									
2300	2088	4386																									
+ 194	+ 194	+ 388																									
2494	2282	4776																									
Weight Reduction Options	BATTERY FUEL TANK Front Bumper Headlights Radiator Coolant Bottle Washer Fluid Bottle Air Cleaner Alternator A/C Compressor Spare Tire Jack Taillights Rear Bumper	Weight Addition Explanations	DOORS Instrument Panel Front Footwell Front Seats Rear Footwell Rear Seats QUARTER PANEL																								

$$\begin{array}{r} 4386 \\ - 388 \\ \hline 4776 \end{array}$$

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TEST DETAIL REPORT

TA # JB3310
Matrix # 1

Dummy Information

Object	Area	Section	Dummy Size/Type
TRACK	LEFT	FRONT	STD/STL

Seat Information

Object	Area	Section	Seat Track Pos	Vert Track Pos	Seat Back Angle	Seat Back Angle Reference	Dummy Back Angle	Head Rest Pos	Arm Rest Pos	H-Ring Pos
TRACK	LEFT	FRONT	STD	FULL DOWN	25	Back of Frame 131st (130mm) from Pivot Point	25		In Stowed Position	4 - (3 notches from back seat track full up) video (N/A)
Seat Ref Code	03	Seat Ref(x,y,z)		(124.4, -15.5, 27.4)	Seat H Point(x,y,z)		(122.2, -15.5, 27.7)			

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TEST DETAIL REPORT

TA # J85310
Matrix # 1

Instrumentation Information

CH No.	Obj.	Area	Section	Location	Sub Location	Axis	Sensor Type	Requested Full Scale	Filter Type	Sensor Mount	Sensor Id
1	T	LEFT	FRONT	DUMMY	HEAD C.G.	LONG		25	1000W		
2	T	LEFT	FRONT	DUMMY	HEAD C.G.	VERT		150	1000W		
3	T	LEFT	FRONT	DUMMY	HEAD C.G.	LAT		300	1000W		
4	T	LEFT	FRONT	DUMMY	NECK UPPER	FX	LONG	1000	1000W		
5	T	LEFT	FRONT	DUMMY	NECK UPPER	FY	LONG	2000	1000W		
6	T	LEFT	FRONT	DUMMY	NECK UPPER	FZ	LONG	1500	1000W		
7	T	LEFT	FRONT	DUMMY	NECK UPPER	MX	LONG	2500	600W		
8	T	LEFT	FRONT	DUMMY	NECK UPPER	MY	LONG	2500	600W		
9	T	LEFT	FRONT	DUMMY	NECK UPPER	MZ	LONG	1000	600W		
10	T	LEFT	FRONT	DUMMY	T1	LONG		150	100W		
11	T	LEFT	FRONT	DUMMY	T1	VERT		150	100W		
12	T	LEFT	FRONT	DUMMY	T1/L	LAT		300	100W		
13	T	LEFT	FRONT	DUMMY	T1/R	LAT		300	100W		
14	T	LEFT	FRONT	DUMMY	THORAX/RIB/UP/VRT	LAT		500	100W		
15	T	LEFT	FRONT	DUMMY	THORAX/RIB/UP/FRONT	LAT		500	100W		
16	T	LEFT	FRONT	DUMMY	THORAX/RIB/LO/VRT	LAT		500	100W		
17	T	LEFT	FRONT	DUMMY	THORAX/RIB/LO/FRONT	LAT		500	100W		
18	T	LEFT	FRONT	DUMMY	CHEST IMPLACEMENT			4	100W		
19	T	LEFT	FRONT	DUMMY	T12	LONG		150	100W		
20	T	LEFT	FRONT	DUMMY	T12	VERT		150	100W		
21	T	LEFT	FRONT	DUMMY	T12/VRT	LAT		300	100W		
22	T	LEFT	FRONT	DUMMY	T12/FRONT	LAT		300	100W		
23	T	LEFT	FRONT	DUMMY	WALVE	LONG		100	1000W		
24	T	LEFT	FRONT	DUMMY	WALVE	VERT		100	1000W		
25	T	LEFT	FRONT	DUMMY	WALVE/L	LAT		200	1000W		
26	T	LEFT	FRONT	DUMMY	WALVE/R	LAT		200	1000W		
27	T	LEFT	FRONT	DUMMY	HEAD		SWITCH	10	4000W		
28	T	LEFT	FRONT	DUMMY	THORAX		SWITCH	10	4000W		
29	T	LEFT	FRONT	DUMMY	ABDOMEN		SWITCH	10	4000W		
30	T	LEFT	FRONT	DUMMY	N-POINT		SWITCH	10	4000W		
31	T	LEFT	FRONT	DUMMY	TRIGG		SWITCH	10	4000W		
32	T			WHL	SHUT OFF (HEAD/LA)		SWITCH	10	4000W		
33	T	LEFT		RAD SUPT	CR GCP HXCT 035B	LONG		200	60W		
34	T	LEFT		RAD SUPT	WR GCP HXCT 035C	LONG		200	60W		
35	T	LEFT		RAD SUPT	CR CR RAD SUPT 035D	LONG		250	60W		
36	T	LEFT	C		VRT RAD SUPT SK 01	LONG		200	60W		

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TEST DETAIL REPORT

TA # J85318
Matrix # 1

Instrumentation Information										
Ch No.	Obj.	Area	Section	Location	Sub Location	Axis	Sensor Type	Requested Full Scale	Filter Type	Sensor Range
37	T	LEFT	C	FRT RAD SUPT YCH 82		LONG		300	50W	
38	T	LEFT	C	FRT RAD SUPT DAK3 83				10	4000W	
39	T	RIGHT		RAD SUPT	ON GWP HERY 830R	LONG		300	50W	
40	T	RIGHT		RAD SUPT	NR GWP HERY 830C	LONG		300	50W	
41	T	RIGHT		RAD SUPT	OB CW RAD SUPT 8360	LONG		300	50W	
42	T	LEFT	FRONT	SIDE AIRBAG	SQUID VOLTAGE			40	4000W	
43	T	LEFT	FRONT	SIDE AIRBAG	SQUID CURRENT			5	4000W	
44	T		C	TUNNEL	8 DASH IN 85	LONG		400	50W	
45	T		C	TUNNEL	8 DASH IN 85	VERT		400	50W	
46	T		C	TUNNEL	8 DASH IN 85	LAT		400	50W	
47	T		C	TUNNEL	8 DASH RCM 86	LONG		400	50W	
48	T		C	TUNNEL	8 DASH RCM 86	VERT		400	50W	
49	T		C	TUNNEL	8 DASH RCM 86	LAT		400	50W	
50	T		C	TUNNEL	8 DASH IN 84			400	50W	
51	T		C	TUNNEL	8 DASH TAXI 89A			10	4000W	
52	T		C	TUNNEL	8 DASH TAXI 89B			10	4000W	
53	T		C	TUNNEL	8 DASH TAXI 89C			10	4000W	
54	T		C	TUNNEL	8 DASH TAXI 89D			10	4000W	
55	T			TUNNEL	8 DASH TAXI 87A			10	4000W	
56	T			TUNNEL	TIME INFO TAXI 14 83B			10	4000W	
57	T			TUNNEL	TAXI 15 83B			10	4000W	
58	T			TUNNEL	TAXI 16 840			10	4000W	
59	T			TUNNEL	TAXI 17 841			10	4000W	
60	T		C	TUNNEL	8 DASH TAXI 87B			10	4000W	
61	T	LEFT	FRONT	DOOR	8 BELTLINE MID	LAT		2000	50W	
62	T	LEFT	FRONT	DOOR	8 BELTLINE REAR	LAT		2000	50W	
63	T	LEFT	FRONT	DOOR	8 BOTTOM MID	LAT		2000	50W	
64	T	LEFT	FRONT	DOOR	SPEAKER WHEEL	LAT		2000	50W	
65	T	LEFT	FRONT	DOOR	OVER AIRBAG	LAT		2000	50W	
66	T	LEFT	FRONT	DOOR	REAR OF SEAT H-PT	LAT		2000	50W	
67	T	LEFT	FRONT	DOOR	8 LATCH	LAT		2000	50W	
68	T	LEFT	FRONT	FLR PAN	8 81 IN CTR 811	LONG		400	50W	
69	T	LEFT	FRONT	FLR PAN	8 82 IN CTR 811	VERT		400	50W	
70	T	LEFT	FRONT	FLR PAN	8 82 IN CTR 811	LAT		1000	50W	
71	T	LEFT	FRONT	FLR PAN	8 82 IN CTR 812	LAT		1000	50W	
72	T	LEFT	FRONT	FLR PAN	8 82 IN CTR TAXI 813			10	4000W	
73	T		C/L	TUNNEL	8 DASH TAXI 810	LONG		400	50W	

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Page 9 of 14



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TEST DETAIL REPORT

TA # J85310
Matrix # 1

Instrumentation Information											
Ch No.	Obj.	Area	Section	Location	Sub Location	Axis	Sensor Type	Requested Full Scale	Filter Type	Number Range	Number In
73	T		C/L	TUNNEL	0 WIRE PRESS 910	VERT		400	50H		
74	T		C/L	TUNNEL	0 WIRE PRESS 910	LAT		500	50H		
75	T	LEFT		B-FLR IN	0 ROCK	LAT		2000	50H		
76	T	LEFT		B-FLR IN	0 KERTLINE	LAT		2000	50H		
77	T	LEFT		B-FLR IN	0 MID SH 927	LONG		2000	50H		
78	T	LEFT		B-FLR IN	0 MID SH 927	VERT		2000	50H		
79	T	LEFT		B-FLR IN	0 MID SH 927	LAT		2000	50H		
80	T	LEFT		B-FLR IN	0 MID SC9 929	LAT		2000	50H		
81	T	LEFT		B-FLR IN	0 MID TRK12 929			10	4000H		
82	T	LEFT		B-FLR IN	0 ROCKER SH 919	LONG		2000	50H		
83	T	LEFT		B-FLR IN	0 ROCKER SH 919	VERT		2000	50H		
84	T	LEFT		B-FLR IN	0 ROCKER SH 919	LAT		2000	50H		
85	T	LEFT		B-FLR IN	0 ROCKER SC9 920	LAT		2000	50H		
86	T	LEFT		B-FLR IN	0 ROCKER TRK10 921			10	4000H		
87	T			TRUNK	0 FUEL SWITCH	LONG		400	50H		
88	T			TRUNK	0 FUEL SWITCH	VERT		400	50H		
89	T			TRUNK	0 FUEL SWITCH	LAT		400	50H		
90	T	RIGHT	FRONT	FLR PAM	0 92 XM CTR 915	LONG		400	50H		
91	T	RIGHT	FRONT	FLR PAM	0 92 XM CTR 915	VERT		400	50H		
92	T	RIGHT	FRONT	FLR PAM	0 92 XM CTR 915	LAT		400	50H		
93	T	RIGHT	FRONT	FLR PAM	0 92 XM SC9 916	LAT		400	50H		
94	T	RIGHT	FRONT	FLR PAM	0 92 XM CTR SH90 917			10	4000H		
95	T	RIGHT		B-FLR IN	0 MID SH 931	LONG		400	50H		
96	T	RIGHT		B-FLR IN	0 MID SH 931	VERT		400	50H		
97	T	RIGHT		B-FLR IN	0 MID SH 931	LAT		400	50H		
98	T	RIGHT		B-FLR IN	0 MID SC9 932	LAT		400	50H		
99	T	RIGHT		B-FLR IN	0 MID TRK13 933			10	4000H		
100	T	RIGHT		B-FLR IN	0 ROCKER SH 923	LONG		400	50H		
101	T	RIGHT		B-FLR IN	0 ROCKER SH 923	VERT		400	50H		
102	T	RIGHT		B-FLR IN	0 ROCKER SH 923	LAT		400	50H		
103	T	RIGHT		B-FLR IN	0 ROCKER SH 924	LAT		400	50H		
104	T	RIGHT		B-FLR IN	0 ROCKER TRK11 925			10	4000H		
105	T	LEFT		V1 FRR SH	10 CM CTR 935A	LONG		200	50H		
106	T	LEFT		ROCKER	0 A-FILLER	LONG		400	50H		
107	T	LEFT		ROCKER	0 A-FILLER	VERT		400	50H		
108	T	LEFT		ROCKER	0 A-FILLER	LAT		2000	50H		

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Page 16 of 14



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TEST DETAIL REPORT

TA # JB5210
 Matrix # 1

Instrumentation Information											
Ch No.	Obj.	Area	Service	Location	Sub Location	Axis	Mount Type	Range/Full Scale	Filter Type	Mount Model	Mount ID
109	T	LEFT		ROCKER	0 FRONT BRKT MID	LONG		2000	50W		
110	T	LEFT		ROCKER	0 FRONT BRKT MID	VERT		2000	50W		
111	T	LEFT		ROCKER	0 FRONT BRKT MID	LAT		2000	50W		
112	T	LEFT		ROCKER	0 B-PILLAR	LONG		2000	50W		
113	T	LEFT		ROCKER	0 B-PILLAR	VERT		2000	50W		
114	T	LEFT		ROCKER	0 B-PILLAR	LAT		2000	50W		
115	T	LEFT		ROCKER	0 2 BRKT MID	LONG		500	50W		
116	T	LEFT		ROCKER	0 2 BRKT MID	VERT		500	50W		
117	T	LEFT		ROCKER	0 2 BRKT MID	LAT		2000	50W		
118	T	RIGHT		SI FWD RM	IS CR CAN FWD	LONG		200	50W		
119	T	RIGHT		ROCKER	0 B-PILLAR	LONG		400	50W		
120	T	RIGHT		ROCKER	0 B-PILLAR	VERT		400	50W		
121	T	RIGHT		ROCKER	0 B-PILLAR	LAT		400	50W		
122	T	RIGHT		ROCKER	0 FRONT BRKT MID	LAT		400	50W		
123	T	RIGHT		ROCKER	0 B-PILLAR	LONG		400	50W		
124	T	RIGHT		ROCKER	0 B-PILLAR	VERT		400	50W		
125	T	RIGHT		ROCKER	0 B-PILLAR	LAT		400	50W		
126	T	RIGHT		ROCKER	0 2 BRKT MID	LAT		400	50W		

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 Page 11 of 14



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TEST DETAIL REPORT

TA # 075310
Matrix # 1

DA Information			
Object	DA Request Code	Category	DA Image Name
TARGET	404 CONTROL POINTS (SIDE IMPACT) CAR	400 SIDE IMPACTS (CAR OR TRUCK)	req404.gif
TARGET	425 FLOOR BELT LINE (EXTERIOR) (1st 50mm BUCKLE LINE BELOW GLASS/W.STRIP)	400 SIDE IMPACTS (CAR OR TRUCK)	req425.gif
TARGET	429 FLOOR HOLDING (EXTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	427 FLOOR CHARACTER LINE (EXTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	429 FLOOR BOTTOM OF DOOR (EXTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	431 FLOOR ROCKER PANEL EXTERIOR (1st 10mm BUCKLE LINE BELOW DOOR OPENING)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	433 FLOOR ROOF LINE (INTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	435 FLOOR BELT LINE (INTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	437 FLOOR HIP LINE (INTERIOR SECTION)	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	438 FLOOR VERT. SECT. (1st 50mm BODY LINE FWD/REAR PLANK & "A" FILLER)	400 SIDE IMPACTS (CAR OR TRUCK)	req438.gif
TARGET	439 FLOOR VERT. SECT. (4250mm BODY LINE (Exterior & Interior) [S1, S2])	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	440 FLOOR VERT SECT. & FRONT "E" POINT (Exterior & Interior) [S1, S2]	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	441 FLOOR VERT SECT. (1st 50mm BWD. /STRIKER PLANK (Exterior & Interior) [S1, S2])	400 SIDE IMPACTS (CAR OR TRUCK)	
TARGET	442 FLOOR VERT SECT. REAR "B" POINT (Exterior & Interior) [S1, S2]	400 SIDE IMPACTS (CAR OR TRUCK)	

DA Request Comment

DA 650 Information			
Object	DA 650 Code	DA 650 Code Description	DA 650 Code Image Name
TARGET	650.1	Pre-crash accelerometer locations	

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Page 12 of 16



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TEST DETAIL REPORT

TA # JN5310
 Matrix # 1

Matrix# Camera Information		
Camera Position	Camera Position Comments	Camera Category
Full Left View of Impact		Side Impact - Floor Coverage
Full Right View of Impact		Side Impact - Floor Coverage
Front 3/4 View of Impact		Side Impact - Floor Coverage
Rear 3/4 View of Impact		Side Impact - Floor Coverage
View of Vehicle for Velocity Determination		Side Impact - Floor Coverage
Overall View of Impacted Vehicle Side Including Pole		Side Impact - Overhead Coverage
View of Impacted Side of Vehicle with Pole		Side Impact - Pit Coverage

Matrix# Custom Camera Information		
Camera Position	Custom Camera Position Comments	Image Filename

Object Camera Information			
Object	Camera Position	Camera Position Comments	Camera Category
TARGET	Front Dummy from Vehicle Hood (Low)		Side Impact - Onboard
TARGET	View of Front Seat to Show Dummy Interaction w/Trim from Rear (trunk left)		Side Impact - Onboard
TARGET	Fiber Optics - View of Front Dummy Interaction to Trim		Side Impact - Onboard
TARGET	Front Dummy from Opposite Window Opening		Side Impact - Onboard

Object Custom Camera Information			
Object	Camera Position	Camera Position Comments	Image Filename

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 Page 13 of 14



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TEST DETAIL REPORT

TA # JSS310
Matrix # 1

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Page 14 of 14

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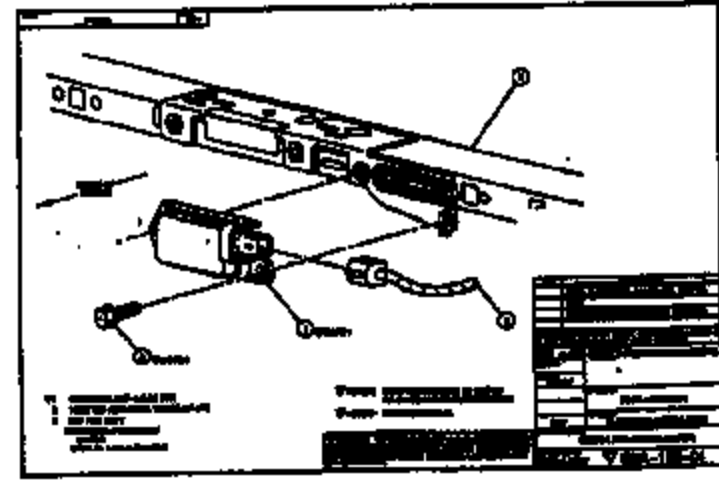
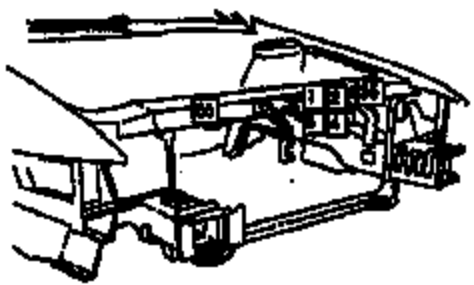
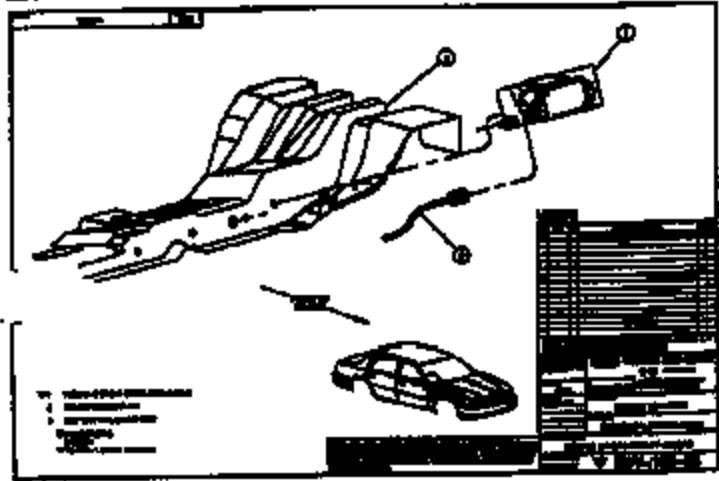
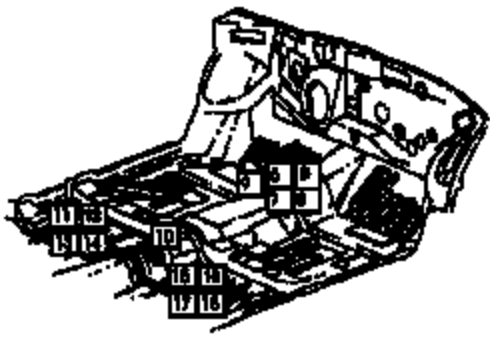
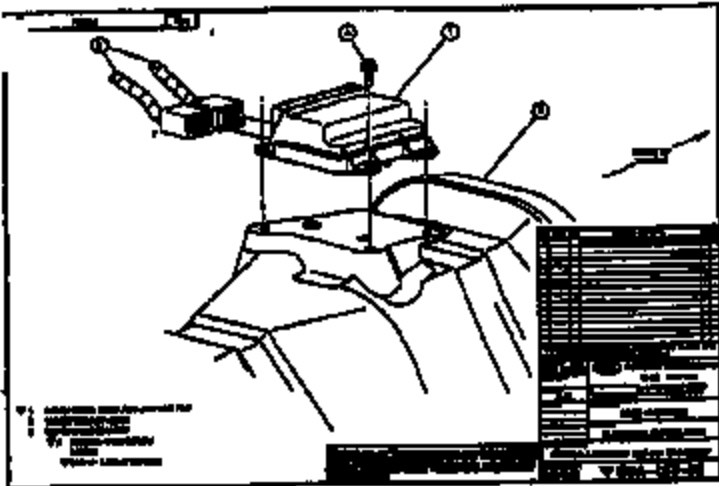
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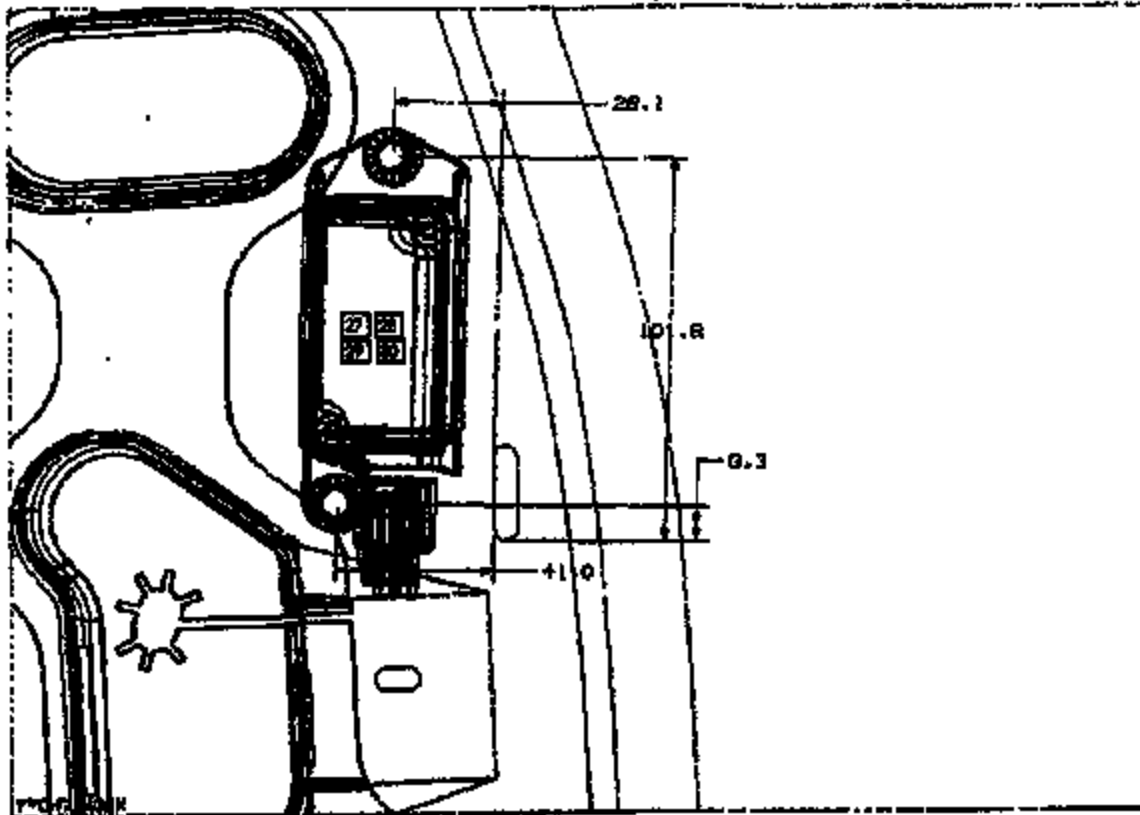
Program: 8003 EN / FN
Vehicle ID: 965-1609
Build level: CP EN114
Test Mode: 13 mph L Pole

SENSOR MAP
J88310

Engineer: Sean Wain
Phone #: 89-44212
Date: 4/10/2002



Driver B-Pillar MID Location (LB-PLR_IN @_MID)



Passenger B-Pillar MID Location (RB-PLR_IN @_MID)

