

021094 1020 2.917
9.01
10.16
0.02

4300 10 55.7 620 27 4mm

4300
95608
15162

441 + 04 + 04 J

2.918 FG S47
2.919 at 0.4
2.919

607 211 1.004
022 154 1019
020 200 1012

10.6
3

-00032 + 0301
1004
1003 + 041

204
408
1008
1.416
1.453

11.0
200.5
-3
141
2.8

0
+8
-6

1.7
2.9

037 = 0
-1 = 2

1.416
1.453

11.0
200.5
-3
141
2.8

0
+8
-6

-007 + 0301
10.2

10.2



85



11.000

20.500

-3.000

41.000

2.800

36

-10.200

-0.860

0.396

0.320

88.510

-0.054

0.307

0.905

-0.294

-0017-000

4313 11 02.5 -35 32 40

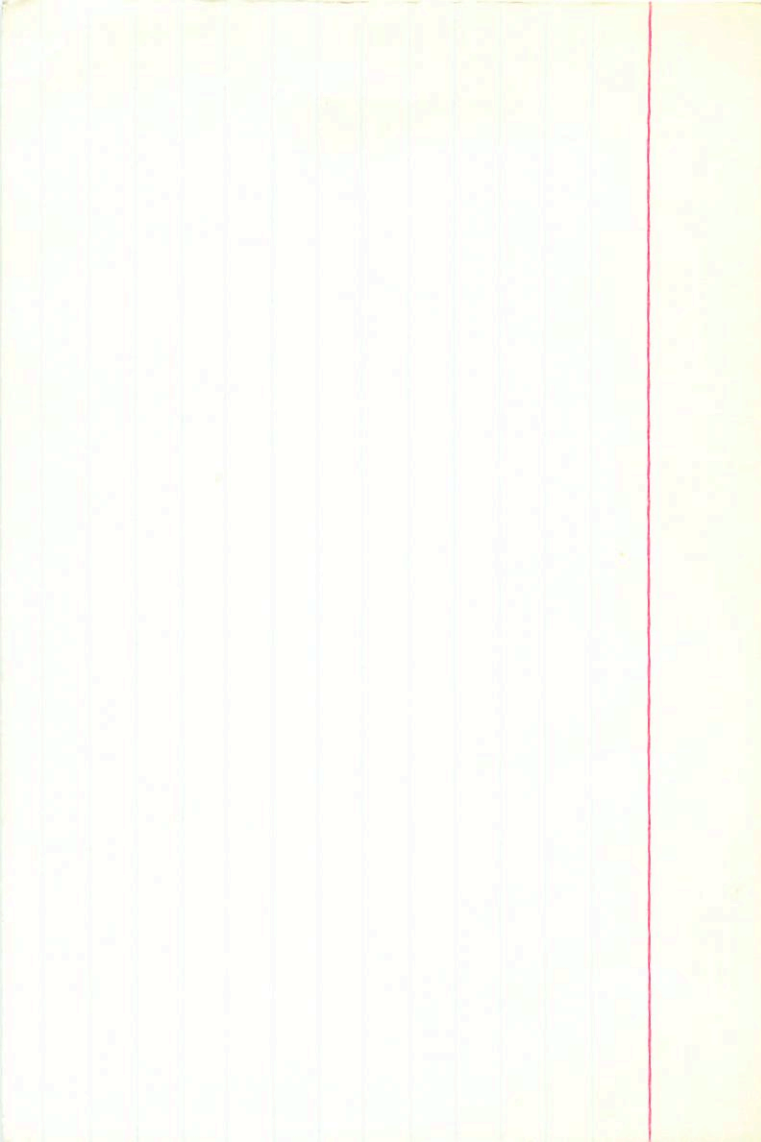
96144
15238 5.41 +03 (-02.5) C

3.5 544 24 125 1149 2538
132 1144
267
1408

-010 135 1142

117.2 + 003.4
1412.5 (A)

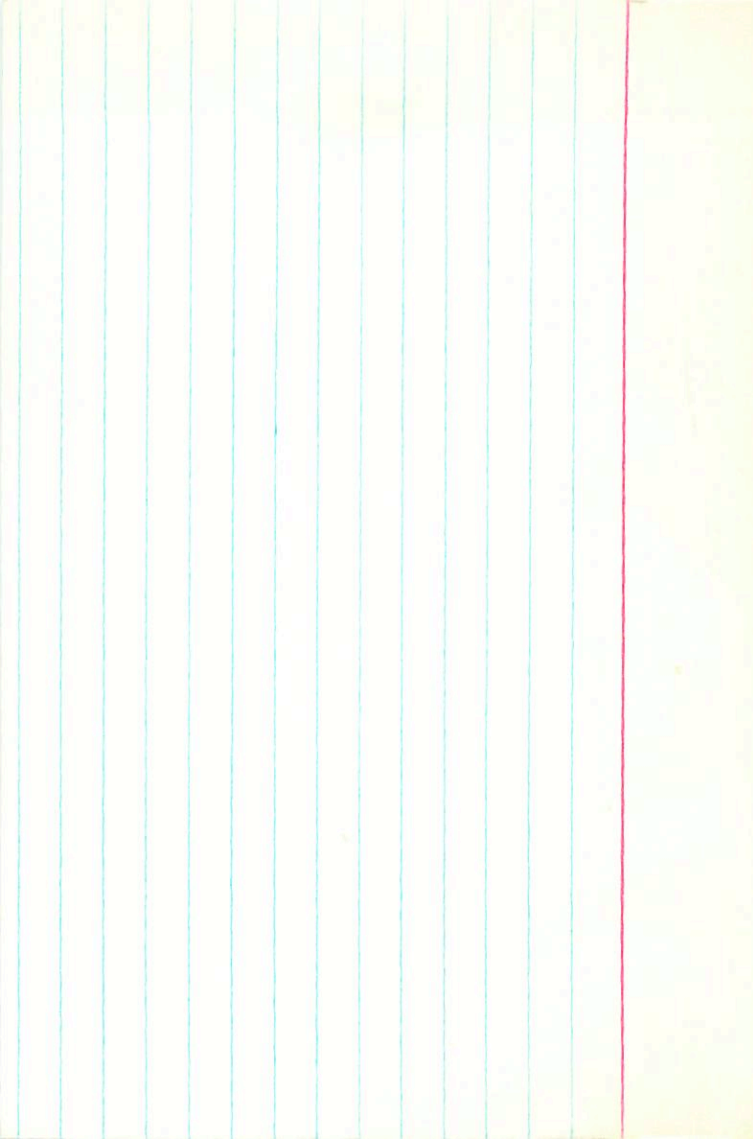
978 966 2190
-9583 2950
166
911 0017



4313 11 02.6 -35 32 A0

411 10 parts

③



14R
 4322
 6 25r
 05.0 -42
 0889
 0132
 1276
 9841
 1176

0090 ± 5.0 +037 ± 3.6
 -0077 +034
 0076 +034.50
 -0075 +023 24"

5.14 +0.02 +1.50 -100 +037 6C
 -0080 19 +010 130
 -0085 ± 5.0 +040 ± 3.6 6C 230

9.5 2" 96616
 15300
 6845
 57.522 1907.6 -42 22 6.52 1900.8
 392
 57.905
 64.44
 57.637
 5.41
 -14
 5.984
 6.10

57.44
 5.41
 -14
 5.984
 6.10
 87.450 8.91
 +10. -14
 8.34
 6.88 1940.56
 6.89
 9881
 4870
 47.2

57.556
 -46
 554
 1189
 594
 -311
 -0010 +0338
 -0077 +0316
 -08224
 -080 4041
 143 +1.62
 6.72
 6.18 1955.25
 -36
 6.54

~~23F -971 -674 73F -⁻¹⁰⁰092 +03F +6 -026 -4 133~~

²³022 ⁹⁷006 089 025 0 450

-4 +6

012

-4 +39 +7

+36 -14 0

01

-4 +46 +9

-797	+600	-060		+3309	+1052
+158	+110	-981		-0656	+0193
+582	+791	+183		-2416	+1387

+44 -13

91.3

+4308		+35.5	-	+35.5
-0463		-3.8	-5.9	-9.7
-1029		-8.4	+1.1	-7.3

4327

11 049

-42

22 Ap

5^c

(582)

-0076 +0325

-0074 +0366

-0050 +04735

Page 282

514 -32 222 1031 2978

~~5102~~
~~5005~~ +041
~~50740~~

-0077 +035

212 1037

424

1666
9869

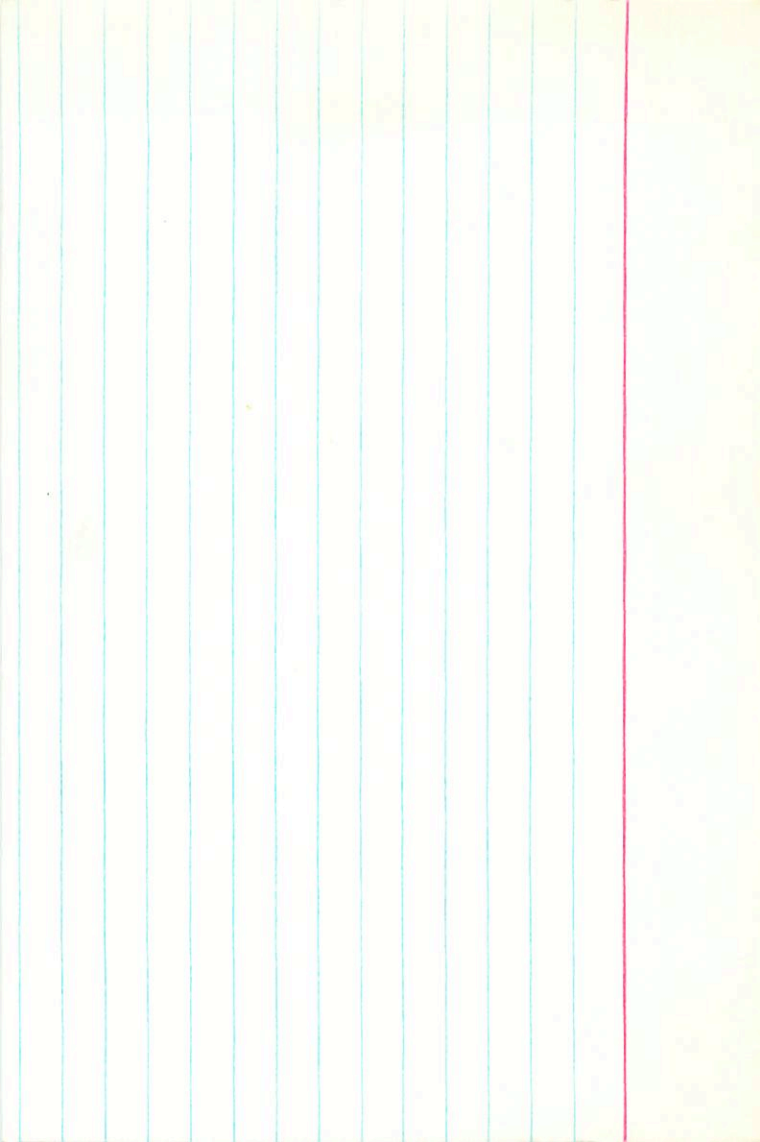
~~993~~ 0876

9124

3271
-9450

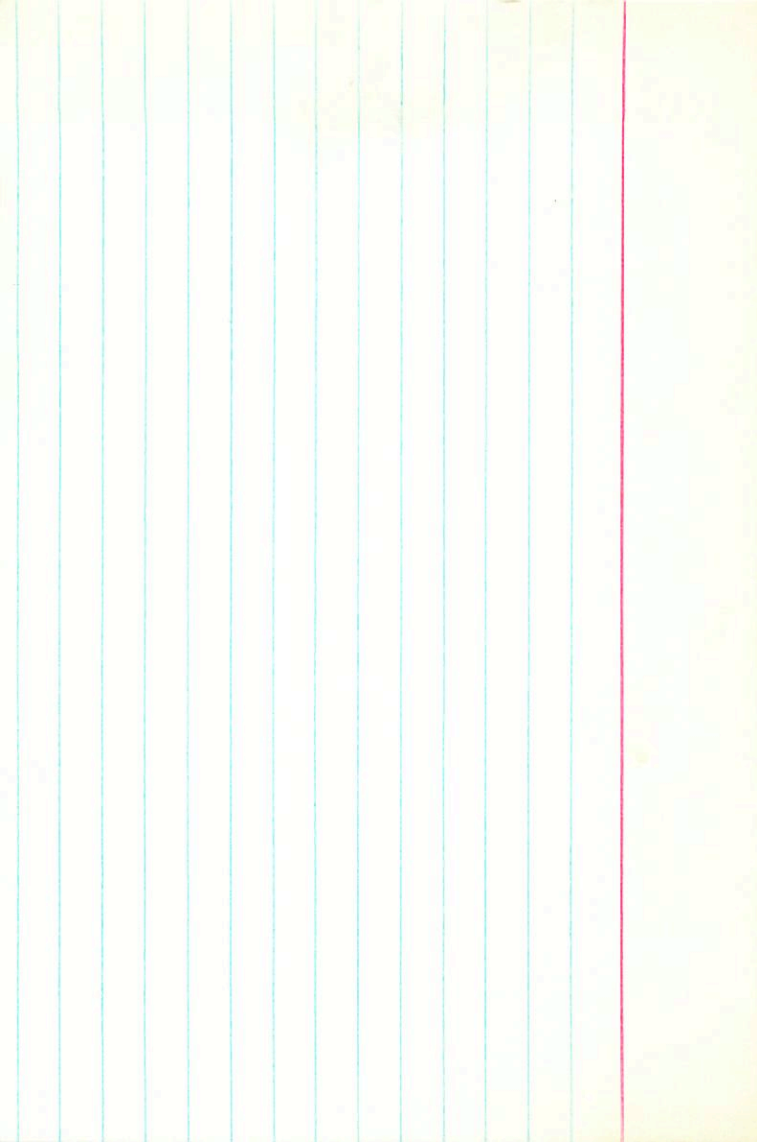
576

(+1.0)



4331 11 05.8 -29 42 A0

round



4320

11 042
Bing

-28 28
-5241

6.77 A1V
6.32

±78 565

13,802 98.2 -0044 089 2430 95.1

96616

11 05.0

-42 23

450 + 20

HR4327

5.12

+0.02

sure

-100 + 037 60

-089 + 040 N

3804 430-
-084 + 038

2.52"

-079 + 037

Auth

11.1

42.4

102.5

141

3.25

0

-0667

1404850



-010 215 553 2880

212 955

402

6119
14

238-971-674 738-084+038 +2-026-1 133

022 006 091 025 -015 460+16 -1 0

01

-2 +46+12

+46 -13 +1

02

-2 +23 +6

+23 -7 +1

80

1870
1871
1872
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1898
1899
1900

-11.100

-42.400

-132.500

41.000

3.750

56

0.000

-0.864

0.451

-0.224

488.400

27.465

0.323

0.156

-0.934

-119.448

-6.717

0.386

0.879

0.000



6960
 97585
 11 11.2
 -0030 ± 1.8
 -0032
 +001
 +0012
 +005.4
 +0040
 +0046.8

15430
 6889
 11.967 1897.3 +0 12 9.87 1895.3 +0.2
 158
 12.125
 11.999
 22
 12.022
 11.964
 11.999
 11.2
 -46
 +4
 60
 +46

(4356)
 -0031 000
 -0032
 6033 -0480
 2.011
 2.014
 -046 1004
 35.7

10.32 1933.6
 10.35
 10.11 1941.34
 10.35
 19.17 1926.81
 10.35
 10.95
 38.0
 (37.7)

11.894
 11.892
 11.8876
 10.33 1571
 -10
 10.22
 19.876
 19.875
 10.25
 -2187
 10.1

55.161
 14.562
 12.022
 0.19
 13
 .02

78



11.000
10.000
9.000
8.000
7.000

258 - 050 1481 - 511
4046 11 114

8 Feb

4357

16.7

JMS

1422-1256

19110301
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19110301

0236

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16.9

88

RF

M	:		0.000
QM	:		0.000
d3 (M)	:		0.050
d5 (M)	:		0.175
d1 (M)	:		0.320
N	:		0.000
qN	:		0.000
d3 (M)	:		-0.554
d5 (M)	:		0.200
d1 (M)	:		0.320
N	:		0.000
qN	:		0.000
d3 (M)	:		0.520
d5 (M)	:		0.411
d1 (M)	:		-0.828
D. NET	:		0.000
MODNETS	:	10	
1ST ANCE	:		0.000
M. DEC	:		0.000
M. R. A	:		0.000
DEC	:		50.600
R. A	:		11.500

2

4

R.A. : 11.200
DEC. : 20.800
1. R.A. : 0.000
1. DEC. : 0.000
DISTANCE : 0.000
MODULUS : 10
D. VEL. : 0.000

q1 (U) : -0.868
q2 (U) : 0.411
q3 (U) : 0.280
dU : 0.000
U : 0.000

q1 (V) : 0.338
q2 (V) : 0.900
q3 (V) : -0.274
dV : 0.000
V : 0.000

q1 (W) : 0.365
q2 (W) : 0.143
q3 (W) : 0.920
dW : 0.000
W : 0.000

88

2.58 - 0.50 1.931 (40.50)

13.5 15.6 20.50 176

4357 11 11.5 720 48 444

97603
15438

(1945)

(+10.2)

2.57 + 11 + 10.5

2.869 (4)

+01014 - 1246

066 156 1036 2869

2502

(130) (130)

1934
0140
11.11
+17 0.20

0621

a = 108

+83

102
130
176

(130) (130)

+01016 - 1363 + 43

20.64

196
352
327
1019
1419
1.553

1014 2016
922

023 + 196 1.027 2869

+1425

W33

MV = 41.20
m.m. = 1.35

(141) (131)

+01017 1300
+01018 1300

(141) (131)

+01019 1300

1422 - 1296 = 126

1524
- 1296

228

68

4374/5

14058119

19

15.5

+31 49

-15.5a

98230/0

0.120

.1383

-431 -593 66

15537

43

-431 -586 N30

6920/1

-337 -586 N30

-338 ± 1.2 -590 ± 1.1 GC → 270

A

109,201

-506

-584 → 0.7

15.5

m-a

-431

6471

185084

-1714

193-981 527 250 -431-550 -15.5-311-8 -2.325
083 060 423 305 -1.052 225 -13.2+13 -3 1383

+57+13-25
[-1-23-18]

90

R.A. : 11.258
DEC. : 31.888
PM. R.A. : -286.000
PM. DEC. : -284.000
DISTANCE : -8.708
MODULUS : 7
RAD. VEL. : -12.284

p1 (U) : -0.808
p2 (U) : 0.324
p3 (U) : 0.344
q1 : 786.438
q2 : 0.374

p1 (V) : 0.34
p2 (V) : 0.33
p3 (V) : -0.82
q1 : -25.38
q2 : 1.8282

p1 (W) : 0.32
p2 (W) : -0.82
p3 (W) : 0.34

00

R.A. : 11.250
DEC. : 31.800
PM. R.A. : -506.000
PM. DEC. : -584.000
DISTANCE : -0.700
MODULUS : 7
RAD. VEL. : -15.500

q1 (U) : -0.869
q2 (U) : 0.350
q3 (U) : 0.340
dU : 786.430
U : 0.370

q1 (V) : 0.340
q2 (V) : 0.930
q3 (V) : -0.090
dV : % -3289.
V : -22.380

q1 (W) : 0.350
q2 (W) : -0.030
q3 (W) :

90

1.2
1.0
1.1
1.2
1.1

1.1
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1.2

1.1
1.2

91

4397 11 17.8 -74 52 A0

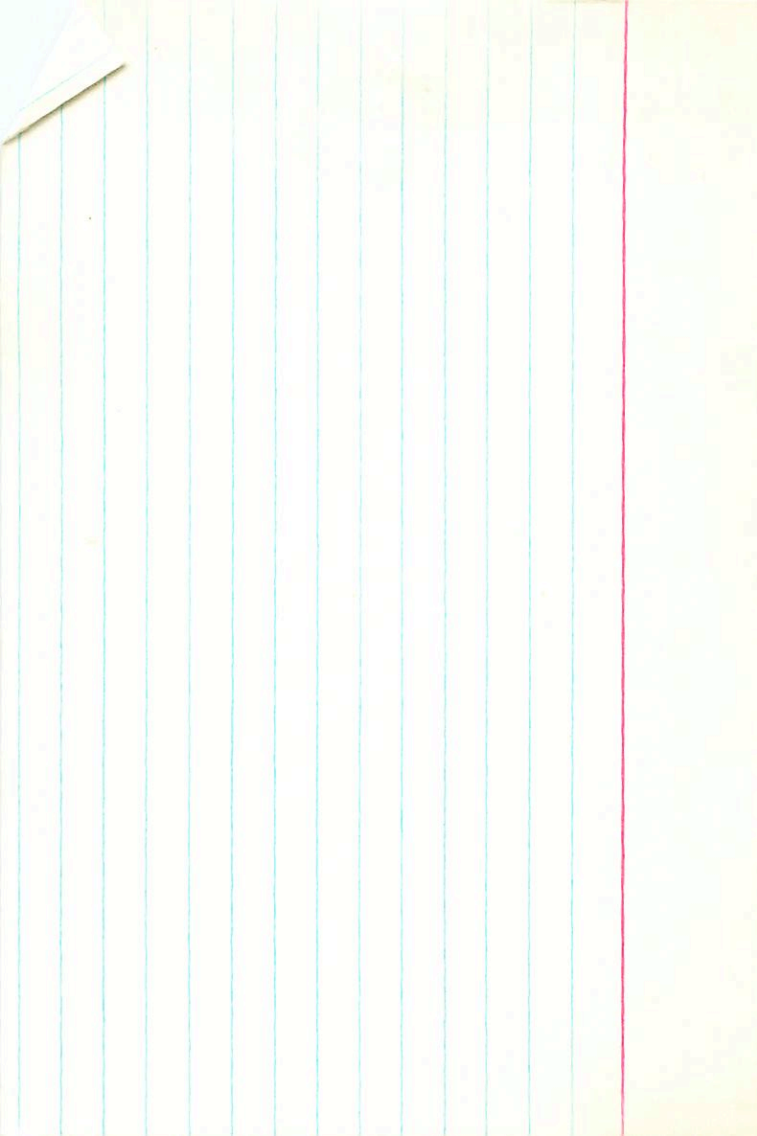
Nov 16

6.35 - 2 135 515 - 2873059

138 915

$\frac{156}{1191}$

4895



99803

(1) 26d

-42 24

89E

4423

-10529-011

-3461 4.21

-032-011

~~-39 255~~

354 255

5723

-98

-43

-21

5722

+10

8945 920 } 0338

-1023

9766 } -9952

2150 } -0577

92

R.A. : 11.450
DEC. : -43.480
R.A. : -43.088
DEC. : -11.088
DISTANCE : 5.750
DULUS : 132
VEL. : 18.000

1 (U) : -0.873
2 (U) : 0.397
3 (U) : -0.583
DU : 118.758
U : 15.005

1 (U) : 0.375
2 (U) : 0.177
3 (U) : -0.019
DU : -82.001
U : -18.251

1 (U) : 0.311
2 (U) : 0.201
3 (U) : 0.204
DU : -0.111
U : -0.111

R.A. : 11.450
DEC. : -42.400
R.A. : -43.000
DEC. : -11.000
DISTANCE : 5.720
DULUS : 139
VEL. : 10.000

11 (U) : -0.873
12 (U) : 0.397
13 (U) : -0.283
dU : 110.758
U : 12.605

11 (V) : 0.375
12 (V) : 0.177
13 (V) : -0.910
dV : -65.691
V : -18.251

11 (W) : 0.311
12 (W) : 0.901
13 (W) : 0.304
dW : -93.75
W : 102

4454 11 31.6 ~~11~~ 18 ASE

160518

15865

11.2322

112 197 872 @SPC

44 120

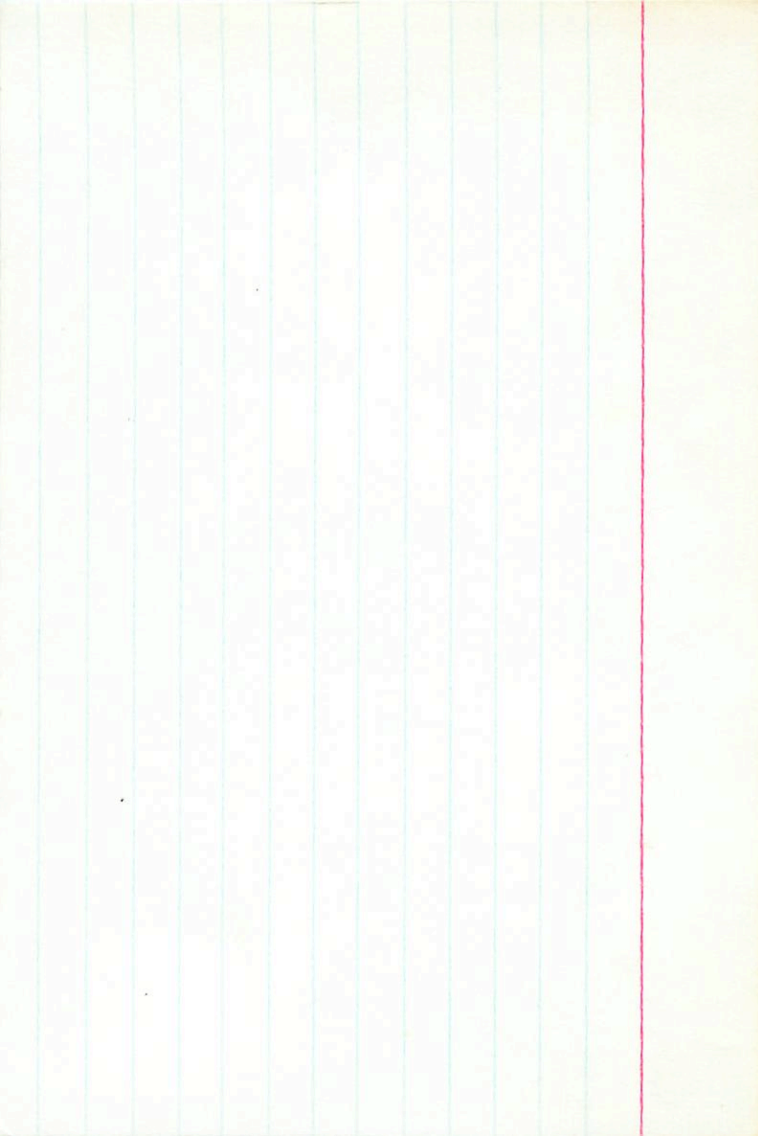
101153 -0183 ZU

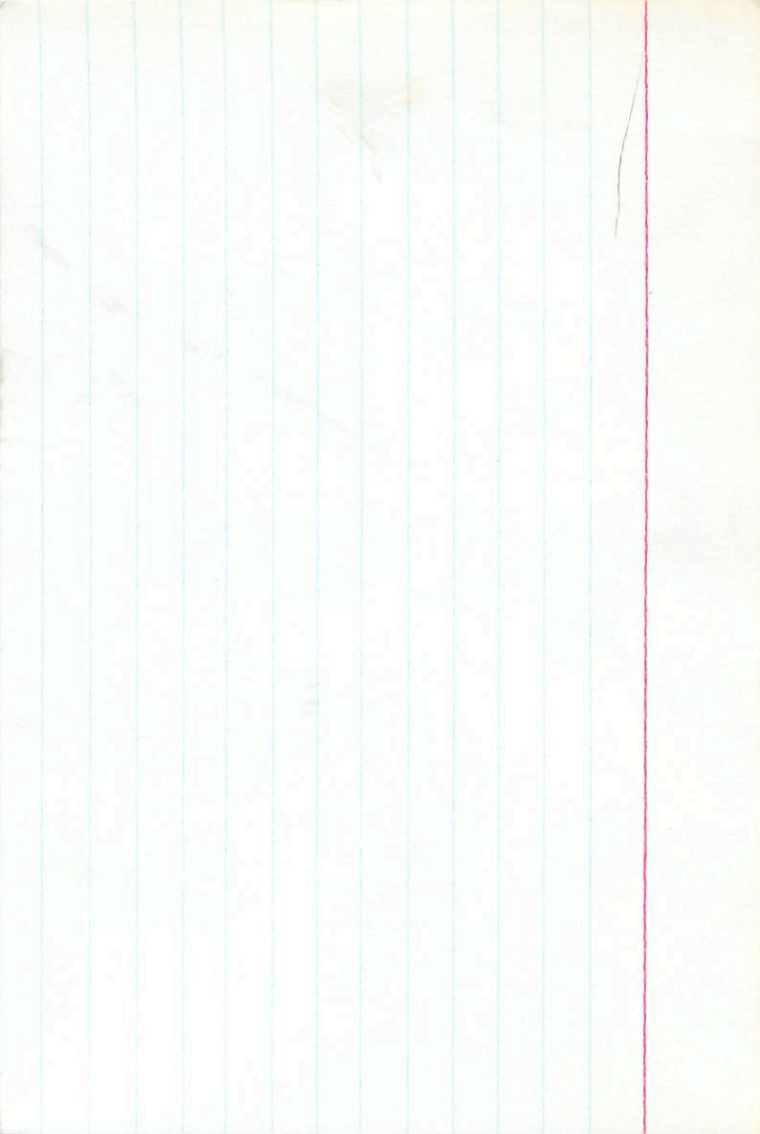
101167 -0163

101163 -0144

10240

10240
10240
10240





7-Gen
4467

40 35 10
93.5
11 33.5

16 72
62 44 89 17
Plan

100841
15899

3.13-04-16 C
total
4/16

2954

+
+9

-002 +096 .1158

2.743

F124

241
00569-0081
1800
44
453

192
1350

+7.96

+5

12

4570 0381

-0320

4675-1031

1550 529
529

-9

V0 = 2.98

-205

108-804
-638-804

-1.0

11-1.3

23

4493 11 37.7 +58 15 A0

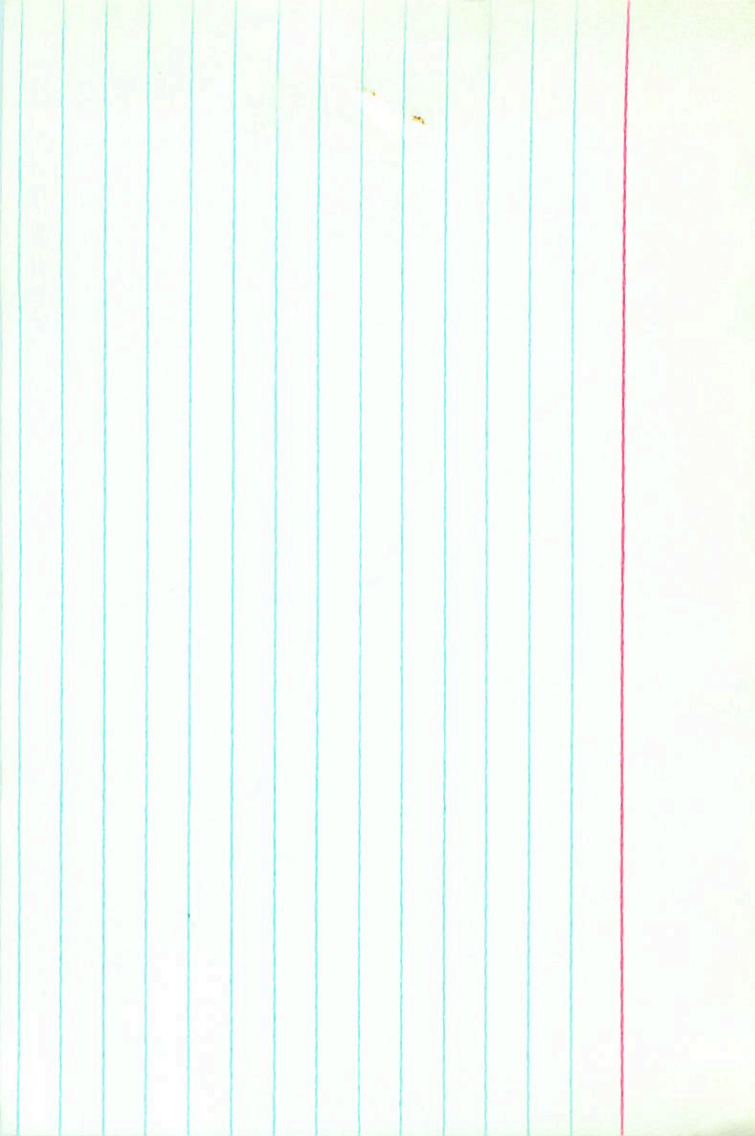
Ref

194
-049 122 672 2765
109 501
216
898

$$M_V = -0.2$$

$$V_0 = \frac{6.00}{6.2}$$

+3.66



4493 ^{Hg (m)} ^{-1.23} · 11 27.7 +58 15

101391

6.35 -032 097 706 +3.66
swamp

-4
+9

-048	122	672	2.76562
<u>-040</u>	110	684	2.765

0.25

103	697	2840
	<u>200</u>	95
903		

-23 +3 ±3.0

-0013 +01360+ 6.55

-00153 +0139 ⁴³

+5 +44

-012

-012 +018

+0.01

6.3

Put

43.572 1897

$\frac{680}{46052}$

-001573.7
-0009
-0016

+0006
+01673.1
5080 1894.1

-89
49.91

× 1000
- 1000

-00134013

44.007

$\frac{+8}{44015}$

50.49

~~40.5~~
50.57

19369

43.576

$\frac{0}{43.576}$

50.43

-29
50.14

194504



4493.000*

11.000*

37.700*

58.000*

15.000*

-0.012*

0.018*

6.550*

204.174

3.600

0.070

0.421

15.842

0.040

164

113