

810.3

211733

21 08.3 445 18 B412 p

661 -15 -66 +05 15

-045 086 250 2.623

+9.0

077 290

40005 + 10000

10000 + 10000

$$\begin{array}{r}
 645 \\
 -385 \\
 \hline
 260
 \end{array}$$

8103.000*

21.000*

8.300*

45.000*

18.000*

0.012*

0.001*

9.800*

912.011

9.000

0.042

-0.040

38.306

0.001

0.999

9.503

-0.038

-0.030

-35.116

8029

199661

20 54.9

+56 411

82.5 10

6.23 -17 -69

+04 12

-19.0

-075 094 286

2.682

080 301

140

461

6.1

-1.45

7.55

+0003 +005

+0025

+006 +005

8029.000*

20.000*

54.900*

56.000*

41.000*

0.006*

0.005*

7.550*

323.594

-19.000

0.036

0.083

10.201

-0.002

0.988

-19.492

-0.006

0.130

-4.528

9023

20 55.8 444 44 06

199574

³⁰

596 404 -83 26 ¹³

5049⁰

29271

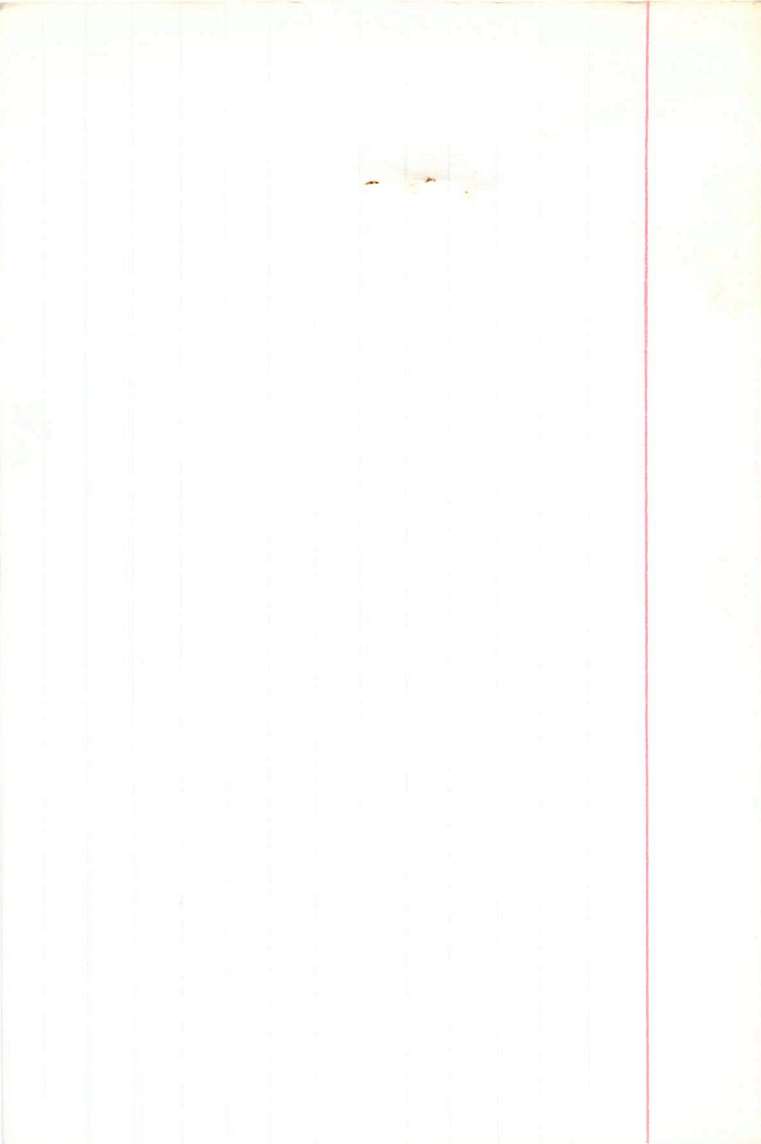
4106 7023 -098 4 2.5773

646
-052

505

-5.65

10.7



8023 20 54.6 +50 52 B55

199578

6.63 -10 -51 +07 21

-046 105 471 3.710

-18.9 97 480

194 64

$\frac{64}{6}$

-1.15

~~554~~

+0010 +0025
+0005

$\frac{56}{+0094}$
 $\frac{+013104}{+004}$

38M86 1500.1

+0015 F5.4
+0005

+004 F4.2
+001
55.46 1895.3

$$\begin{array}{r} 025 \\ \hline .911 \end{array}$$

$$\begin{array}{r} -22 \\ \hline 5524 \end{array}$$

+0010

+003
602

39.413

621

55.57

-27

1950.53

$$\begin{array}{r} 434 \\ \hline +023 \end{array}$$

$$\begin{array}{r} 5530 \\ \hline +006 \end{array}$$

+006

8022.000*

20.000*

54.600*

50.000*

52.000*

0.013*

0.004*

7.550*

323.594

-18.400

0.055

0.006

17.532

0.002

0.998

-17.736

-0.034

0.065

-12.324

8020

20 55.1

447

14

8874

199478

5.67

+46

-34

+50 1.50

29215

-4.58

407

-076

281

2.530

-003

200

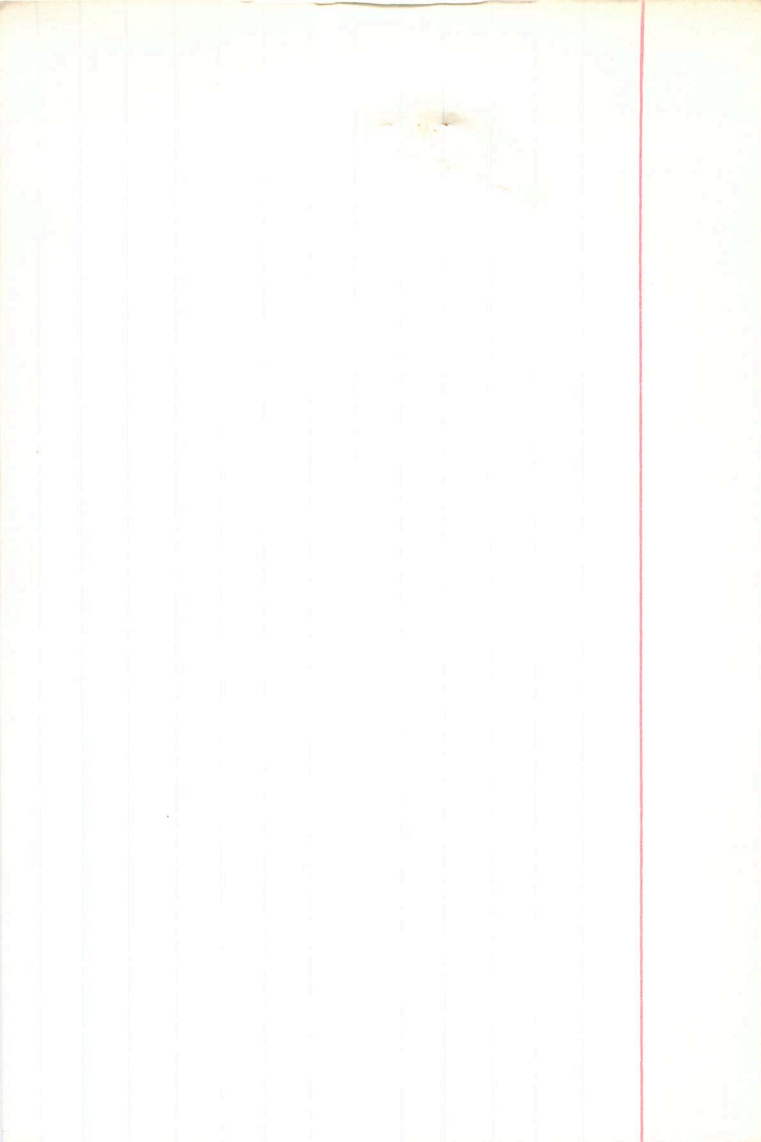
-6

194

4.07

-6.3

110.35



R.A. : 23.900
DEC. : -32.200
PM. R.A. : 24.100
PM. DEC. : 5.600
DISTANCE : 6.500
MODULUS : 200
RAD. VEL. : 0.000

q1 (U) : 0.874
q2 (U) : 0.433
q3 (U) : -0.220
dU : 95.990
U : 19.153

q1 (V) : -0.437
q2 (V) : 0.899
q3 (V) : 0.030
dV : -18.412
V : -3.674

q1 (W) : -0.211
q2 (W) : -0.070
q3 (W) : -0.975
dW : -22.260
W : -4.441

BWVnd

8007

20 52.2

+25

20

82.11

04131

6.52-15-90 24 616

-029 038 020 2.614

-80

033 026
066
092

+0004 -004

+0052

1005-007

6.15
-3.05
9.2

8007.000*

20.000*

52.200*

28.000*

20.000*

0.008*

-0.007*

9.200*

691.831

-8.000

0.001

-0.292

3.027

-0.009

0.939

-13.926

-0.050

-0.182

-32.803

7996

20 50.0 +32 40

$\sqrt{3311}$

148820

6.42 -15 -61 +04 12

-044 077 383 2.677

069 892

138

530

6.3

-1.8

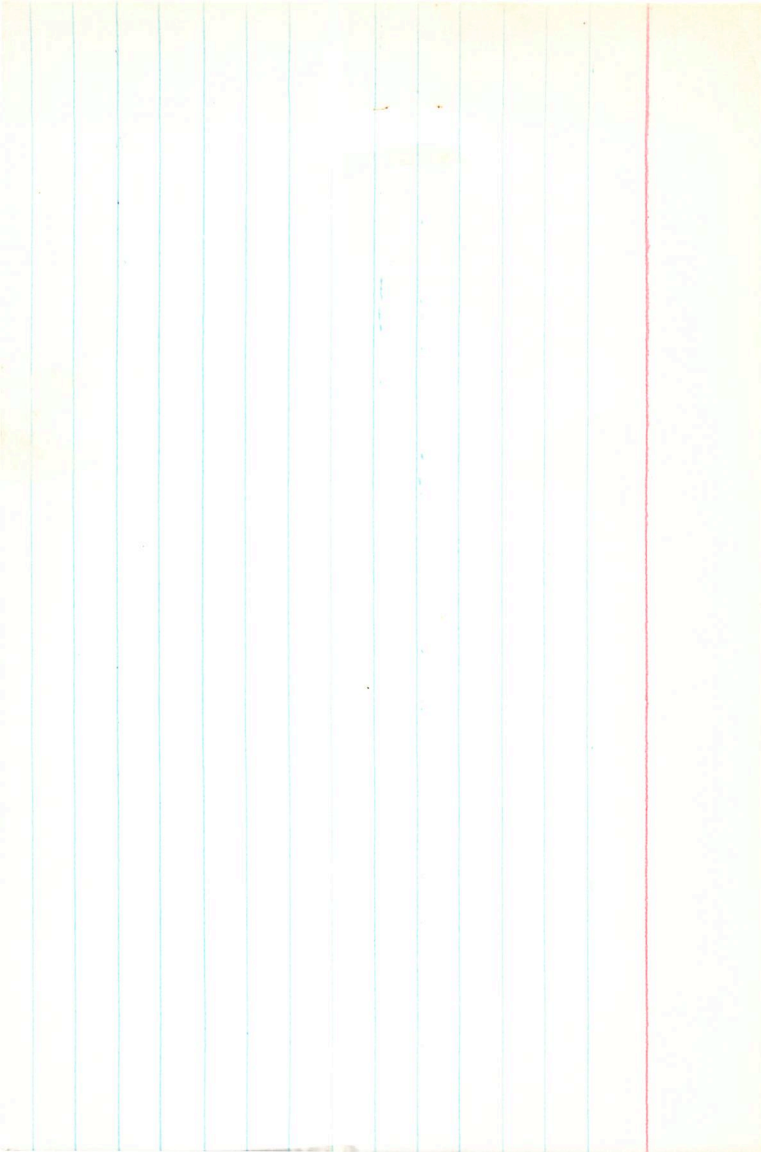
4.1

~~-180~~

-004

6000

Van Val



80.5 5

+63 51

20 494

7993

188791

1.02

6.44 + 0.5 - 77

-273

119 - 011 026 2.555

-1005 - 1002

545

+10 002
020

445
9.9

020
022

188791
-1005
-1002

7993.000*

20.000*

49.400*

63.000*

51.000*

-0.009*

-0.005*

9.900*

954.993

-27.300

-0.045

0.170

-47.612

0.004

0.961

-22.642

0.018

0.217

11.735

6.24-12 1.32 -135
+015

7662 20 51.0 -50 54

198766

037 096 595 2718

089 585

178
763

6.24
-1.00

-4

sting

+1009 023

+810 0185

624-429

Dec-0 565 150

087 552

1622

+10132

+10120022

7.2

7

7992.000*

20.000*

51.000*

-50.000*

-54.000*

0.012*

-0.022*

7.200*

7-05
258.4

275.423

uhl

-4.000

0.053

-0.751

+16

17.567

-0.100

-0.158

-25

-26.800

-0.037

-0.641

-7.711

7983

20 48.2

+46 28

B44

198625

6.31 -06 -58 +14 (42)

(-150)

022 052 362 2.624

056 358

112

470

5.9

-3.35 ✓

9.23

-0001 +024

-0010

+003 +021

7978

20 47.2

+51

id3

1854

158513

6.29

25

-635

124

702

2.761

117

710

234

949

-0.35

7983.000*

20.000*

48.200*

46.000*

28.000*

0.003*

0.021*

9.230*

701.455

-15.000

0.086

-0.065

61.090

0.004

0.997

-12.145

0.052

0.030

36.336

1072
-279
615
+962

BS

37.63
14000

+51 43

47.2

187.2

(+12)

-07 -57

1072 III

6.29 -038 124 702 2.761 882 (p)

174 113

224
936

NO WMM

20.7
+51.7

1.6325

0.1 -0.35

+4.5

+6

1.6 2618 9779

1000000
1000000

-24 -8264 2092

17
20

7978

102112

239

1012 060
4112 060

10004 +006 66
10004 +000 24.0

10037

1007 +1007

+006 +006
+006 +006

12-080 1896.2

+5004533
+5012

+50672.6
+5004
26.74 18919

$\frac{1000}{858}$

1000

+5005 +5005

$\frac{1000}{35}$

+5003 +5009

+5025

26.90 19 1/2 .8

$\frac{1006+5006}{1006+5006}$

12.120

-31

$\frac{1000}{119}$

$\frac{26.59}{59}$

$\frac{100}{26}$

+30

7978.000*

20.700

51.700

20.000*

9.500

47.200*

6.000

51.000*

6.600

43.000*

209

0.007*

-24.000

0.007*

6.300*

0.618

209

181.970

2054

0.786

~~-25.000~~

-0.005

0.047

39.605

0.004

8.392

8.395

0.082

-0.058

0.000

0.995

0.996

0.634

-23.745

25

~~-20.859~~

-0.782

-0.005

0.615

0.090

0.101

-4.336

-3.026

-3.323

113
201

7961 20 46.3 -25 55

158174

5.86-08 1.33 (406)

5.86 +007 072 607 2.706 (8) 599.00

074 608
148

749

2016-0116 N30

2016-0115 -12.1 720

(5.85)
4.2

20209
20209
5.88 -026 102-589 2.207
94 589

110-1209
10209

666
779

$M_1 = \frac{1.3}{1.55}$
 $V_0 = \frac{5.85}{6.45}$

7933

197630

~~-042 113 274 2.763~~

~~105 253~~

~~210~~

~~992~~

~~M 20.45~~

7961.000*

20.000*

46.300*

-25.000*

-58.000*

0.021*

-0.018*

7.250*

281.838

-12.000

6.55
284.5

0.048

-0.759

20

22.711

-0.075

0.271

-21

-24.380

3 83

20
-0.096

-0.592

-15

-19.977

5168

7929

197511

20 40.7 + 50 10

825

5.38 -10 -64 +11 33

-016 064 818 2.651

061 321

$\frac{122}{443}$

505

-2.4

$\frac{7.45}{}$

-3.3

-0003 +009

1000
500+100+

7929.000*

20.000*

40.700*

50.000*

10.000*

0.001*

0.005*

7.450*

309.030

-3.300

0.022

-0.028

6.769

-0.000

0.996

-3.390

0.011

0.087

3.061

7527 20 40.4 135 17 B2B2

197419

6.68 - 14 - 68 + 05 15 0

-0.66 088 244 2.655

076 307 6.8

152
459

-2.3
8.8

-6.9

-0.10

-0.004

-0.49

-0.01 - 0.13

7927.000*

20.000*

40.400*

35.000*

17.000*

-0.001*

-0.013*

8.800*

575.440

-6.800

-0.049

-0.230

-26.892

-0.014

0.970

-14.832

-0.034

-0.073

-19.179

17 52.0

7922 20 39.1 +38 54 86 14

147226

09.1

405

W3 50

-12 -51

+1004K +1036
+1022

135

6.51 -045

111 532 2.736 86 14

97 541

+1056

197
735

[+109 000]

Var Val 20.66

+57.4

+11.5

0

6.4

-14.5 Var

P=15.5

-22.2

$M_V = -0.55$
 $V_D \frac{6.35}{6.90}$

20.660

38.900

11.500

0.000

6.900

240

~~-14.800~~

-22.2

0.611

0.770

-0.184

25.929

8.943

0.089

0.164

0.982

3.781

-13.633

-0.786

0.617

-0.032

-33.362

-7.535

7.1
243

250

9.5

+40

-122

-4

1156

20 377

440 24

186 III p

190651

607

$D_m = 0$

15.96

102
-054 106 437 2.649

90
448
140

N8

28

$m_V = -1.4$

10003-001

45003 ± 3.1 - DU1 ± 27

43.414 1892.3

4.14 1890.9

7899 20 36.9 +15 39 834

196785

5.97 -14 -70 +08 24

~~2.0~~

-061 085 248 2665

674 149

841

575

+1002-016

398

555
-14

1004
610-5004
7005

7899.000*

20.000*

36.800*

15.000*

39.000*

0.005*

-0.019*

7.550*

323.594

2.000

-0.043

-0.480

-14.885

-0.046

0.837

-13.284

-0.068

-0.263

-22.674

17 52.4 100.25
20 35.5 +31.23 R877

7885

196606

+3,41.9

6.2; 95.5

-040 119 625 2729

107 633
214
847

100
25.5

AV = -0.815
60 6.15
6.95

20.6
-31.4
+10.5
-1
6.95
-25.5

100

955

8514

6.22

-027 102 616 2.739

97 621

-0.55

6000421

115

07041.7

~~29.695~~

955 + 1001

0004

99.2

~~6.75~~

600025-002

600045 + 602

29.686

60058

48.94

40.52

~~6.79~~

60004-001

~~48.92~~

-18

20.600
31.400
10.500
-1.000
6.950 7.0
245 251
-25.500

0.601
0.744
-0.291
22.017
12.825 413

0.100
0.292
0.951
2.845
-23.561 -24

-0.793
0.601
-0.101
-36.528
-6.383 -7

(X)

7881

20 37.4 -66 57 B8D

(106)

5.14-06-27

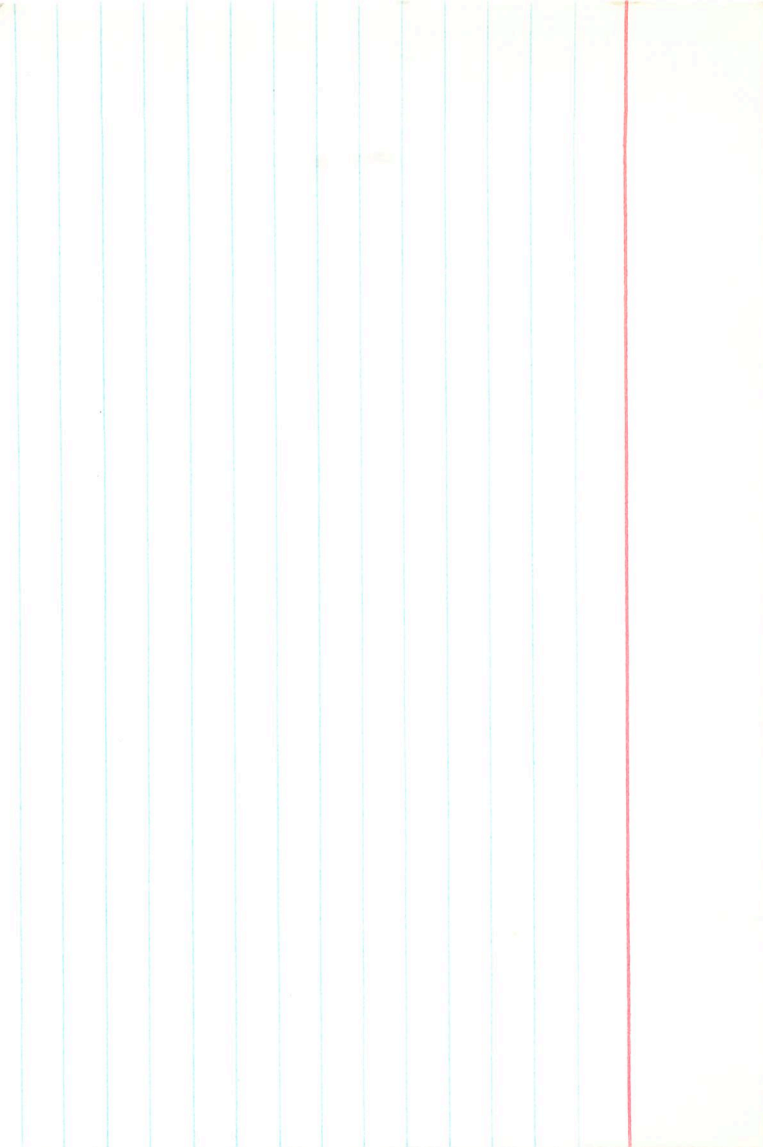
5.14 1003 083 1026
043 1027
86

2708 (2) 844

~~1703~~
1113

Value

$$M_V = -15$$
$$R_V \frac{5.0}{6.5}$$



7862

20 31.9 +20 48

~~314~~

156035

647 -14 -67

+07 21

+3.1

-060 087 287 2.684

4.25

076 244

152

-12

451

5.45

+0009 +002

+0112²⁴

+014-001

7862.000*

20.000*

31.900*

20.000*

48.000*

0.014*

-0.001*

7.450*

309.030

3.100

0.036

-0.433

9.755

0.005

0.880

4.332

-0.056

-0.197

-17.843