

-11.516 11/4 30.9 -11 20 106

10.24 11.2 13.0 14.0 15.0

10.24 11.4 8.57

(7.0)

10.24 11.4 8.57

9.77 (7.87)

11.64

10.8 11.0 + 8.3

Mc-A4-216-197

~~214-216~~
-222-207

227

207

0.540

7.0

3040

0.13

207

0.933

0.440

9.87 11.4

10.15

9.12

2760

3040

0.1124

-0.55

0.5

0.5

0.900

0.548

१५

144 ✓ 4 31.5 128 S BSB 710.1
 ① 710.1

-500023 -0228 36 →
 0000 -0222
 90.7
 000-000

R.A. : 4.880
 DEC. : -11.100
 PM. R.A. : -227.000
 PM. DEC. : -207.000
 DISTANCE : 0.400
 MODULUS : 12
 RAD. VEL. : -7.000

 d1 (U) : 0.250
 d2 (U) : 0.434
 d3 (U) : 0.730
 dU : -888.217
 U : -12.789

 d1 (V) : -0.431
 d2 (V) : 0.484
 d3 (V) : -0.383
 dV : -14.751
 V : 2.201

 d1 (M) : 0.745
 d2 (M) : 0.328
 d3 (M) : -0.249
 dM : X-1132.0
 M : -8.480

NO

R.A. : 4.600
DEC. : -11.100
PM. R.A. : -227.000
PM. DEC. : -207.000
DISTANCE : 0.400
MODULUS : 12
RAD. VEL. : -7.000

q1 (U) : 0.250
q2 (U) : 0.636
q3 (U) : 0.730
dU : -888.217
U : -15.789

q1 (V) : -0.621
q2 (V) : 0.684
q3 (V) : -0.383
dV : -14.751
V : 2.501

q1 (W) : 0.742
q2 (W) : 0.358
q3 (W) : -0.566
dW : %-1135.07
W : 0.000

q4

30.007 1502.4

+0004 524

30.07 1501.5

-025 7 24

65

-018-051

| | | | | | | |
|------|-----|------|-------|-------|-------|-------|
| 263 | 169 | 950 | -0162 | -0408 | -0570 | +11.4 |
| -625 | 780 | 034 | +0385 | -1885 | -1500 | +0.4 |
| 735 | 603 | -310 | -0453 | -1458 | -1911 | -3.7 |

29038 -0002 +42.90 W(14)
4 32.1 +46 574 9 107

65554 +0017 W(+0.8)
W-9682

7.22 +1.18 +1.32 -103 W
R

6.64 +0.44 2 E

266
565
14
905

B=016

0.000 -0.075 0-0
-0.005 -0.81 1
-0.006 -0.82 4960+

+27 -48 -50 .006
+21 -73 -59 .004

1.254 1.064 3.14
387

4.5
+10.4
-2
-80
05.9
+42.9

slab
+42.9

3000-0002
-003-078

546 292
6203 320 W

0006 -0752

04 7.19 742
6.44 W
1.221

-0723
080-000-080

927 374 251 557 -006-002 +42.9-024 +12-370
 006 022-002-009 071 095 +41.0 +15-135 003
 1.29

000 + 8.0 -078 + 8.7
 -006 -082 -050
 +39 +70-111

5.991 1599.7 000 35.55 00.9 +13-95-97

~~5.991~~
 5.991
 36.6
 39.38
 725
 36.3

5.991
 1962
 966
 36.34 1935.0
 36.50
 36.46
 35.4

-023
 21.29
 15.47
 36.76
 -24
 -10
 36.42

5.991
 1962
 60.06
 34.78

36452
 34453
 5.966
 +2
 970

154
 34.69

26



29038.000*

4.000*

32.100*

16.000*

54.000*

-0.003*

-0.078*

7.050*

257.040

42.900

0.004
0.007

-0.085

0.939

+22.7

18.399

-0.280

-0.007

-57.9

-72.150

96

-0.227

-0.344

-1145

-73.081

132884 (NO) 9 331 434 07 +1035 4031
 156323 +1011 24
 4893 +1098 4031

R.A. : 4.200
 DEC. : 19.200
 PM R.A. : -2.000
 PM DEC. : -80.000
 DISTANCE : 4.200
 MODULUS : 200
 RAD. VEL. : 42.200

 d1 (U) : 0.272
 d2 (U) : 0.271
 d3 (U) : 0.282
 q1 : -84.197
 U : 22.881

 d1 (V) : -0.258
 d2 (V) : 0.272
 d3 (V) : -0.281
 q1 : -282.241
 U : -22.823

 d1 (M) : 0.272
 d2 (M) : 0.282
 d3 (M) : -0.258
 q1 : -222.278
 U : -22.288

R.A. : 4.500
DEC. : 16.900
PM. R.A. : -2.000
PM. DEC. : -80.000
DISTANCE : 6.500
MODULUS : 200
RAD. VEL. : 42.900

q1 (U) : 0.272
q2 (U) : 0.221
q3 (U) : 0.937
dU : -86.197
U : 22.981

q1 (V) : -0.628
q2 (V) : 0.779
q3 (V) : -0.001
dV : -289.541
V : -57.823

q1 (W) : 0.729
q2 (W) : 0.587
q3 (W) : -0.350
dW : -229.373
W : -60.799

96

+0064 ± 6.3 +023 ± 5.7
+0068 +011

(3/4)

29446 4 34.6 -45 14 ~~1810.2~~ +17.8 ± 0.5
5625 070 7.29 +0.43 1.60

33.176 1906.9 -45 14 13.03 1905.7

-276
32,900
47.595
45435
33.030
15
045
20
065
33.220
19
201

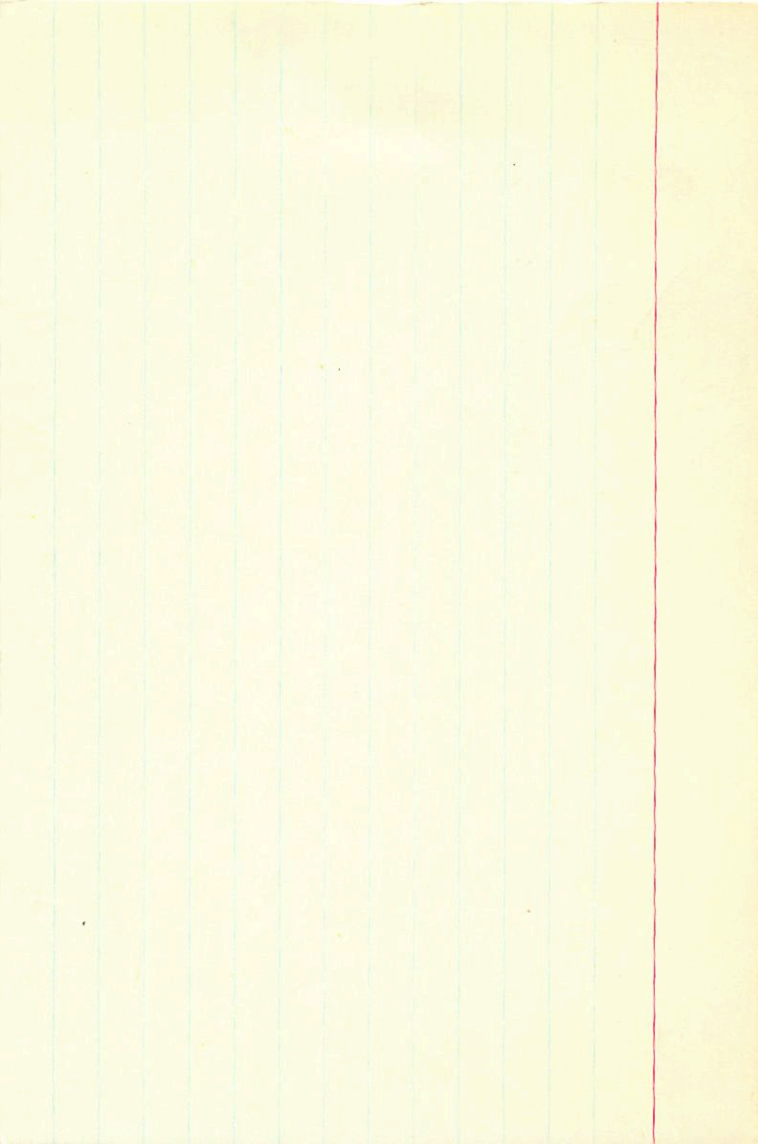
266
133
+233

34.3

-1.02
14.05
17.23 1427.73
408
13.15
73
13.88
14
13.74
13.54
4
13.58

8248
41.2
35.5

1954.75



728266

24751

4

38.1

-73 79

682 68 111

~~22234~~

+058/
+006

66508

+0045 ± 63 +051 77.1

9.055

94.4

-0027

36.48 954

-254
5.180

-0017

~~284~~
42.32

14458

-222408

2267

41.15

115
115

+ .40
40.75

115
115

+ .40
40.75

225

+ .40
40.75

1704

+ .40
40.75

7.643

38.03

+ .40
40.75

~~22234~~

14.1

14
32.66

+ .40
40.75

5-15m

29391 4 35.1 -02 34 5.3 A4 421.08

2706

30

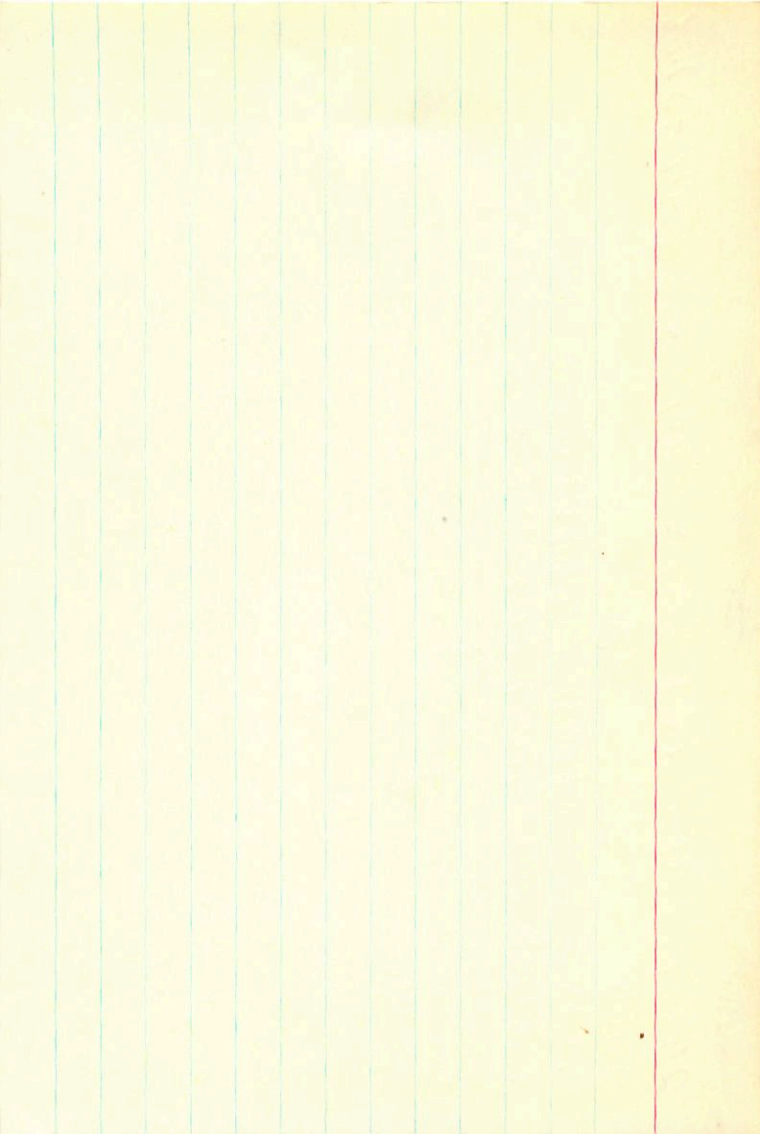
18-635

+0030 -059N30

NO. 53350

+0027 -05942.0
±25

12^m 32¹¹



26364

1269781

4 384

126 50

850 MW

12120
1200

ht

0m20

var

+00368-0697

+00390-0889

+00368-0697

00365

+00360-0688

+00370-0669

0669

5407 8343

+0037-0670

9412-5514

14904

0498

049-068

108575.2

24.025 1.7

-057 8.0

31.56 2.1

36m

29317

2722

5658

4053354

+000352.8
0000

4 36.0

100th

57,895-

017
878

-014 61.9
-017

+52 59

-40.5 (Dent)

+52 58

56.82
78

SB(121)
5.13 966 -40.56

1894.6

56.04

1894.4

59.758
57.968

54.22

19 26.4

57.711
829
410

57.01
2.688

11 825
39.4
45.0

44.8

2626

875

56.20
20

56.17

57.860
+17
877

56.17

1944.68

56.04
-178

-220
55.95

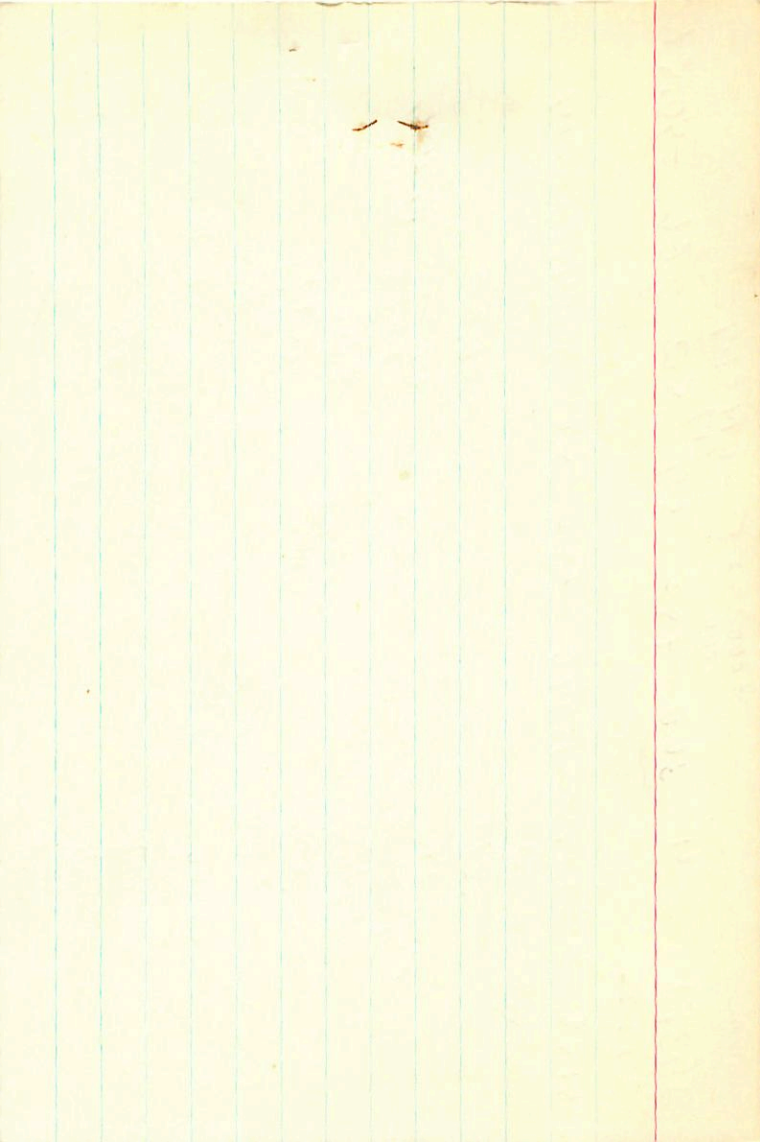
56.21

57.893
+109
909

56.21

1946.97

-23
55.96



f = -39.3

R Dor

4 36.2 -62 10 5.9-6.9

LM

+58
+57

4280 ②

838

H029712

0 7mm
-063 -078 kb
+ 45 -10

5.50 +175

R = 2.00

R-E = +1.88

-058 -080

5.25

0.12

2.32 51.5

1.86 570

1.94

1.61
2.38
-0.77

Pf +26.1

-0.059 → -86

-0.080 ← -82

5.25

m-m 5.70

138 m.

-62 -3 -39

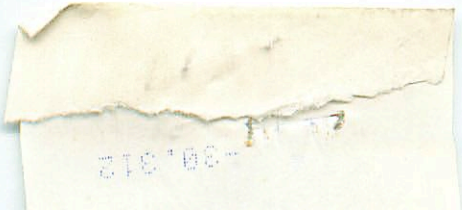
R Dor 5.2 +1.56 +0.8 -4.35 -57 -4 -33 -59 +26.1 ?
HR 1492 2.0 +1.85 5.55 -44 +12 -12 -80 117II -390

E#402

R. Du 273 -33

R
B





10th 10th

29712

Rider

.766 4 36.2 -62 11 4.89M7
+26.1

-77 -81
-87 -83
-92 -82

-0090⁶ -078⁶ LB
+5 -2

0085 | -080
-059

140 m →

0.80:

.766 230m
1.99 1.86
161 235
97 6523

-1072 -1.0
+35.0 -20.1
-34.7 -166
+103
+15
-51

-61.2 -10 -62.2
+17.2 -20 -2.9
-17.4 -148 -34.2

-0690 -3755 -445
+1689 -0521 +1168
-2010 +0851 1957
-1159

+254 +966 -038
-622 +137 -771
+740 -219 -635
-0710 -3663 -437
+1740 -0508 +1232
-2070 +0830 -1240

925 am

29488

4

36.4

+15

49

4.6

ASm

+36.98

2730

32

5666

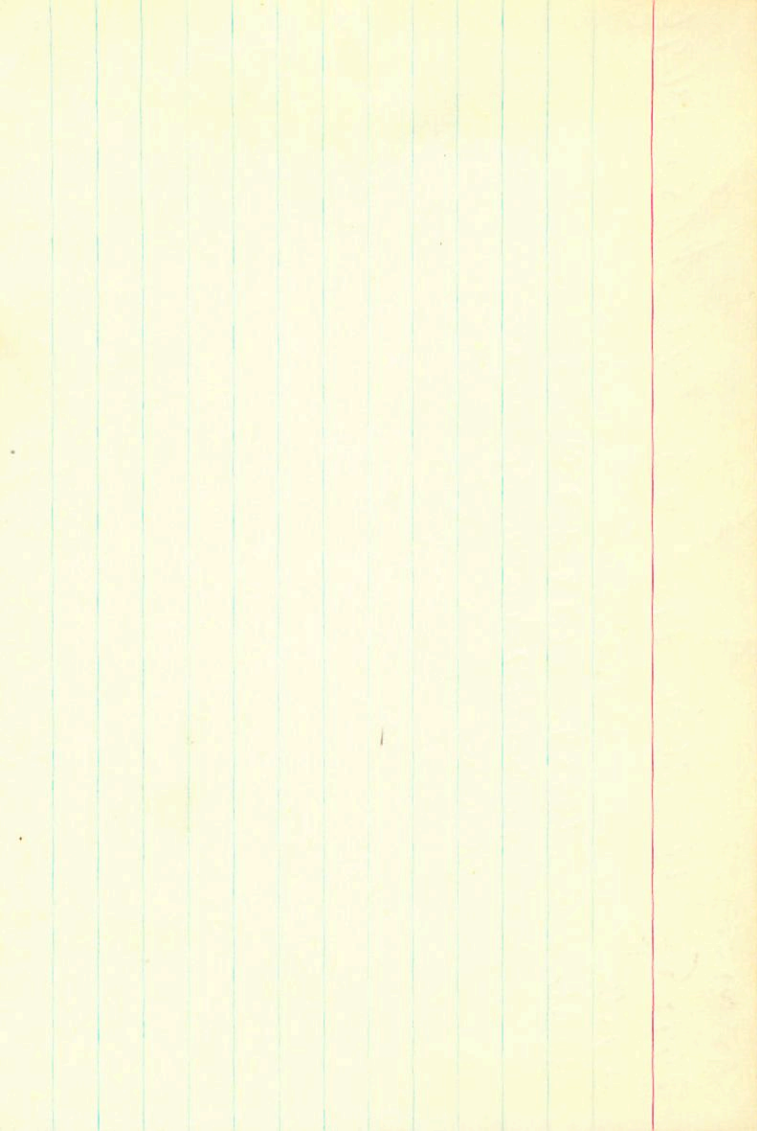
+0057

-023

N30

+005651.7 -01652.0 GC → N30

|| 54B



934 356 -211 577 -054-009 +6.5+002-1 -043
050-002-019 001 232 -059 +6.4 +2 +6 015
+17-1-y

9/1 Tan

29479

Y

36.3 100 27 15 42

Am

118.88

+17.0

29479

2727

5662

~~5.20 tank~~

~~5.20 40.5 10.6~~

+ 26.1 (Deliver) 0.19

+042 -073 GC

+040 -073 Z

+041 -073

-2.3

-23.5

-017-4.5

=

17.734 14000 +15 42 10.73 5.20 40.13 10.19

19023

17.741 9.84

17.741 9.84

17.643 2.2

665 216

52.044

25.512

17.617

6.19

601

17.644 6.6

+ 11.15

1933.4

1933.4

1933.4

1929.27

1929.27

1929.27

1940.50

1940.50

11.09

+ 11.15

+0024 -070

254 234 938

-622 782 -027

740 577 -344

+15.9

-0.5

-5.8

+0416 -0776

-4020 -2595

+1214 -1414

-0360

-3615

-0700

18.9

11.4

2.3

10.32

34.3

34.3

10.32

11.15

11.15

10.32

11.15

11.15

934 356 271 963 4041 -073 +18.6 -020 +5 -332

-036 019 015 -007 -147 161 +18.1 +6 +17 017

$$\begin{array}{r} -3 + 26 - 15 \\ \hline +16 - 24 - 9 \end{array}$$

-2 + 25 - 12 019

1484

4

37.3

+12 06

87 $\frac{14}{14}$

1324
+15.8
②

12

156

E10

5.46 -062

120

450

2.728

101

463

200

664

+23.0

-003 -010 N30

-003 -0106 F14

-004

+15.1

$m_v = -0.65$

10

$\frac{5.4}{5.95}$

5.4

5.95

600

-004 -012

98

1484.000*

4.000*

37.300*

12.000*

6.000*

-0.004*

-0.012*

5.950*

154.882

~~23.000~~

+15.5

-0.022

0.923

+11

~~17.892~~

-0.033

-0.086

-7.623

-0.045

-0.375

-13

~~15.677~~

28

987344 -339 641 +020 -093 -336 031+11-417

-019-029007 011 -142 -104 -316 -11-30

-27-42-38 0055

-57-23+12

-25-40-31 000

-52-17+14

0420?

54 Eni

29755 4 38.3 -19 46 9 M4 -23.65

HR1496 4.34 +1.60 Caper

+023 -044 66

+018 -092 N30

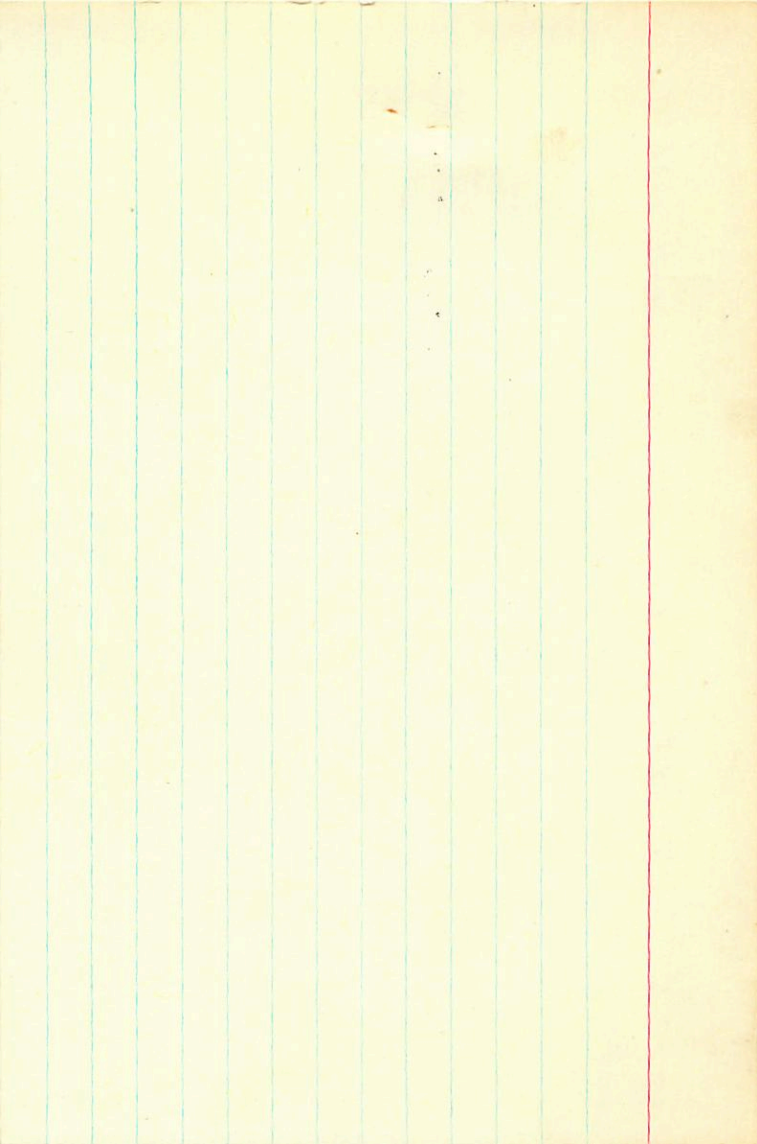
+021 -093

-41 -8 +14 0135

-51 -17 +14 .01

.008

-67 -35 +16 .0065



① 495

463 + 466

241 - 035 6c

4 38.4 + 35 11

5.22

25445

26445
5701
2749

HR1429

HR1429
2749
5701
26445

784

+0204744 - 05874.8
+0200
-094
+38 11 11.14 1854.4

+0200 - 095
-1
+1

+0156 2094

1929.9

+4.56
17.10

13.3

-04
13.24
-2.86

+1235 - 094

26.037 1858
1.041
27.576

25.59

027
119
+64

932. 343 618786 +241-098 +46.6 -061+29 -365
-225 057 087-022 -962 652 +36.6 +13+34
-1+44+24

99

10 12

1000 - 2000

1000 - 2000

1000 - 2000

1000 - 2000

1000 - 2000

29645.000*

4.000*

38.400*

38.000*

11.000*

0.235*

-0.094*

3.000*

39.811

+280681

4 38.6

+29 07

9.2 gms

+2.56 gm

W2751

+0052 -050

29789 4 35.0 -0 50

-10697

W2750 7.55 +0.375 +0.03 2555
7.98 +0.37 +0.03 3000

9 F 5
+35.78300

+091 1074 4
3
+088 0

2104
1080

+286 1474 +855
-617 +747 -271
+751 1464 -442

+0984 1670
-2574 2620
+3132 1628

2654 26.5 30.5 57.0
0046 .5 -9.7 -9.2
4760 47.6 -15.8 +31.8

29814

4 33 ✓ 89 32 + 258 ✓

6074 + 35 ✓

6072 - 064

033-064

33

-64

89

258



100

4 40 56

Compound B5 II + G

30042

4

404

-47 22 676 +76

-470469

PPM

66574

10057 + 105

10047 + 1094 Sky

NO

058 101

10048 + 1094

10491

1091 8524 5-146
1301 5005 9574
1041

1052 + 1096

1.72

1092, 86,
1005, 105,
0281, 6.0,
276, 120

0133

4.38

(A)

677 46) 244 364 -

+237



| | | |
|----------|---|----------|
| R.A. | : | 4.650 |
| DEC. | : | 9.550 |
| 1. R.A. | : | 33.000 |
| 1. DEC. | : | -64.000 |
| DISTANCE | : | 3.200 |
| MODULUS | : | 44 |
| D. VEL. | : | 25.800 |
| q1 (U) | : | 0.239 |
| q2 (U) | : | 0.337 |
| q3 (U) | : | 0.911 |
| dU | : | -65.374 |
| U | : | 20.639 |
| q1 (V) | : | -0.618 |
| q2 (V) | : | 0.776 |
| q3 (V) | : | -0.125 |
| dV | : | -330.780 |
| V | : | -17.662 |
| (M) | : | |

101

4.150
47.400
88.400
107.800
188.000
158.000
28.000
8.250

R.A.
DEC
R.A.
DEC
STANCE
DOLLARS
VEL
R.A.

R.A. : 4.650
DEC. : -47.400
R.A. : 86.000
DEC. : 105.000
DISTANCE : 6.000
MODULUS : 158
VEL. : 20.000

(U) : 0.239

30554 39 78 46 40.3 -79 33 7.98 +1.08 +207 -29

N1 II - III

GL5741 0015 10057 +032
016 +032

+54 +45
 +0.100 +0.042
+0.100 ± 8.7 +0.061 ± 7.3

20.145 1844.0 +0.100
~~5.14~~
 14.635
 53.958
 24.800
 19.158
 8.17
19.975
 19.925
 -150

+051 22.03 1895.9
~~3.30~~
 25.33 43.4

73.15 1930.57
 47.48
25.67
 1.62
27.05
 24.15
23.90
23.50
 +1.83

12.4
 6.7

19.850
~~40~~
 19.810

22.80 / 23.10
 19450

201

R.A. : 4.650
DEC. : -79.550
R.A. : 86.000
DEC. : 32.000
DISTANCE : 7.500
MODULUS : 316
VEL. : -29.000

q1 (U) : 0.239
q2 (U) : 0.916
q3 (U) : -0.323
dU : 156.587
U : 58.878

q1 (V) : -0.618
q2 (V) : -0.113
q3 (V) : -0.778
dV : -62.803
V : 2.700

q1 (W) : 0.749
q2 (W) : -0.386
q3 (W) : -0.539
dW : -3.133
W : 14.643

201

π^x Qui

4 48.8 +0.5 27

+233a

~~B21E~~

3.67 - 0.17 - 0.80 B2M

-006 + 002 ✓

956 294 0 1 -006 +002 +23.3 0 0 009⁵
-005² 0 -001² 0 -027² -008² +23.3 +6.9 +22.3 003

2.1 +19.6 +3.2

+17.5 -7.4 +0.1

005⁵

+1.5 +20.7 +1.9

+19.0 -7.2 -3.5

RZ Eri 760993

4

41.4

-10

46

7.8

d15+d68

444

+32.08

30050

Am 2588

2776

+45.4 Orbit
+40.7 Orbit

+015 -006 Y

+4 +2

+022 -004 G6

-4 -1

+018 -005 Flap

+021 -006 Precur

8.1
3.9
4

7.6

104

183



4.700
-10.800
21.000
-6.000
5.000
100
32.000

0.228
0.633
0.739
4.300
0.994

7886A

4 399

48 81+

4456

48814

Carlsberg

7136 (2)
7104 (3)

40071-050

101-090

4740 9201
5058 445

824 191205
10-11-1912 20 N.S. 10-11-1912 20 N.S.

-1905652

9.00 11.00 10.00 12.00

EMSE

(20)

600-

HR 505

H

4/2

-8

53

GRH

PL 5-5

PL 5-5

5.52 + 0.2 (1.52) case

30127

4 41.9 -18 45 AIV +5 45th

G65773

$$+0044 = 5.8 - 0.004 = 4.9$$

$$-0.16$$

55.452 1909.5 + 0043

28.71 1906.2

-178

18

1274

2853

+0042 - 0.012

+060

55.406

29.50 1940.09

+42

29.08

