

102103

16117

+152374

~~002610074~~

~~038+007~~

038

NO

6-50 712 497 474
11 42.6 +14 32

21 3.6

-0041 ± 43

-008 ± 3.4

36.654 96.3 -0038

-003 27.14 947

226
885

-0039
-0039

-003
-003

44
2758

-0012

36.594

71.55

27.53

-21
32

14
650

-4674
9340 9979
2037 0650

36.617

60.75

27.62

-21

14
633

-0566

27.41

0557

0006

+4.93

0059

6.16

-055+003

+0037 ± 4.9 -068 ± 4.1 2p.B. P =
+0025 -066

JH Robert
Am - 20.22

HR4535 11 46.7 +16 31

102660 5.90 +0.26 +0.14 +053 -068 60

16192
7153

39.950 1886.5 +16 31 17.28

-235
715

39.837
7
844

39.825
10
835
8.40
+125

50.7

4.43 | 884.8
21.71

18.33 1934.1
5
18.41

17.99 1940.2
+6
18.05

18.23
- 3.15

0.5

4.3
37.2

52.4

① -1 284 589 +053-068 -23.2 -019 -7-305
0 0 -053 019 -090 -251 -22.2 +22 0 018

+17 -14 -24
-22 -9 -24

HR
4536

306 153 507 2647 ~~82-061~~ -7.3
 15 26
 47.1 735 73

16199
102713

-0094+3.2 -002 22.2
 0000
 6.089 1408.7 37.27 14037
 398
 6477

$-0096+002$
 -0.118

5.20 +475 7025
 3 -2
 -00584 +0032 -W3 50
 -100981 +0007

29.91^{no.}
 06.032
 0000
 06.041
 -436

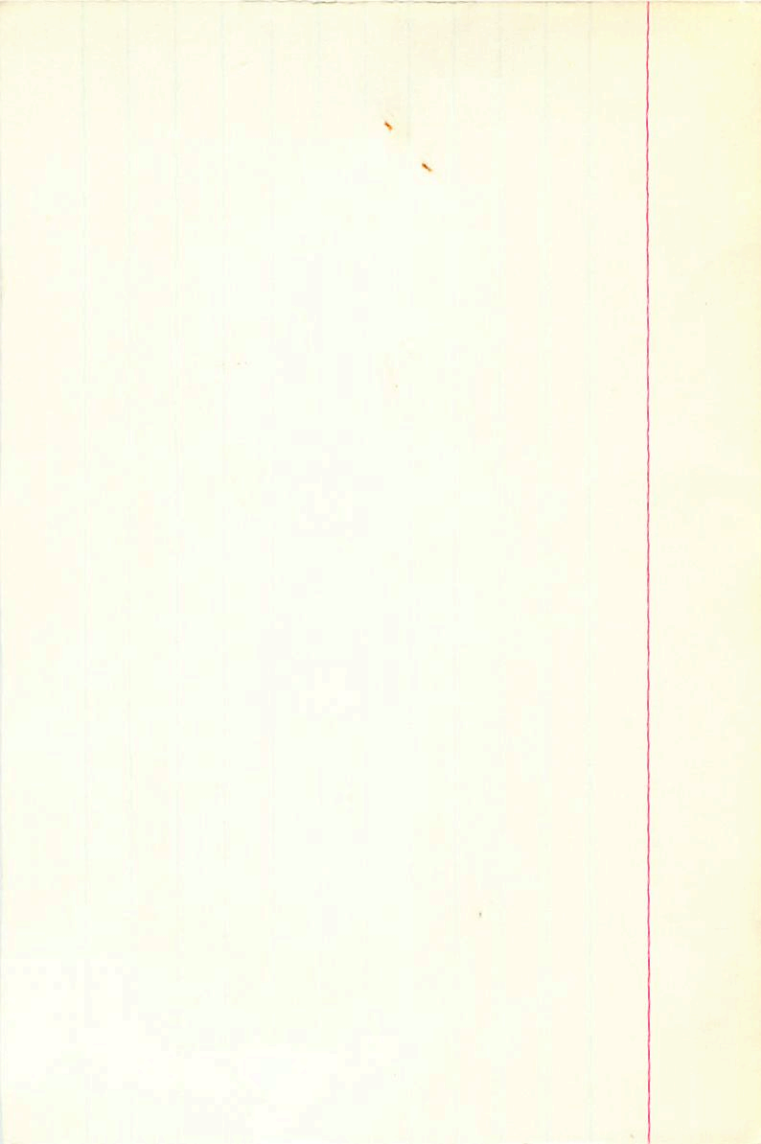
34.57 1552.71 9613 -1.000
 -20 -1202 1420 0830
 3437 $-119+005$

-875 467 261
 423 906 0004
 236 -114 965

+4894 +0039 4933 +19.2 -1.9
 -2366 +0086 -2280 -8.9 0
 -1320 -0011 -1331 -5.2 -70

+1049 +17.3
 +1.8 -8.9 0127
 -12.2 -4.18

1194



102885

11

$$\begin{array}{r}
 +023 \quad +025 \\
 -5 \quad -9 \\
 \hline
 +018 \quad +016 \\
 48.1 \quad 12
 \end{array}$$

35 gms

-1203505

+0010 +020 over

7.22 + 1.56 + 1.79 (2)

6.49 + 0.60 (2)

-25.36

6.11

5.1

5.3

2.6

7.91

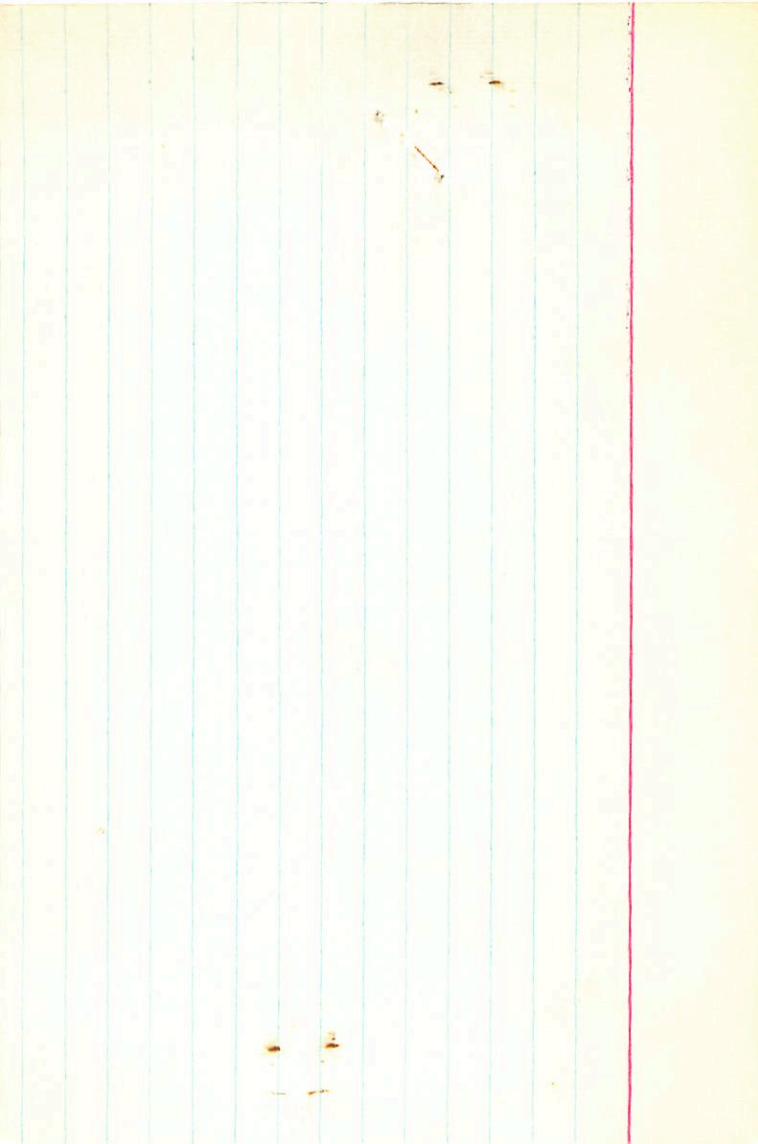
+005 +020 then → AL

+018 +016 Y

+0165 +018

+015 +0202 FRY

+017 +024



926

11 48.2 - 32 52

+13.2 (4) C₅

102902

105

6616216

7.34 +74 1.78 64 12 -E

597 825

1.37

-0123 ± 83

000 ± 7.8
+1

10.864 1901.5 + 2

47.99 1899.7

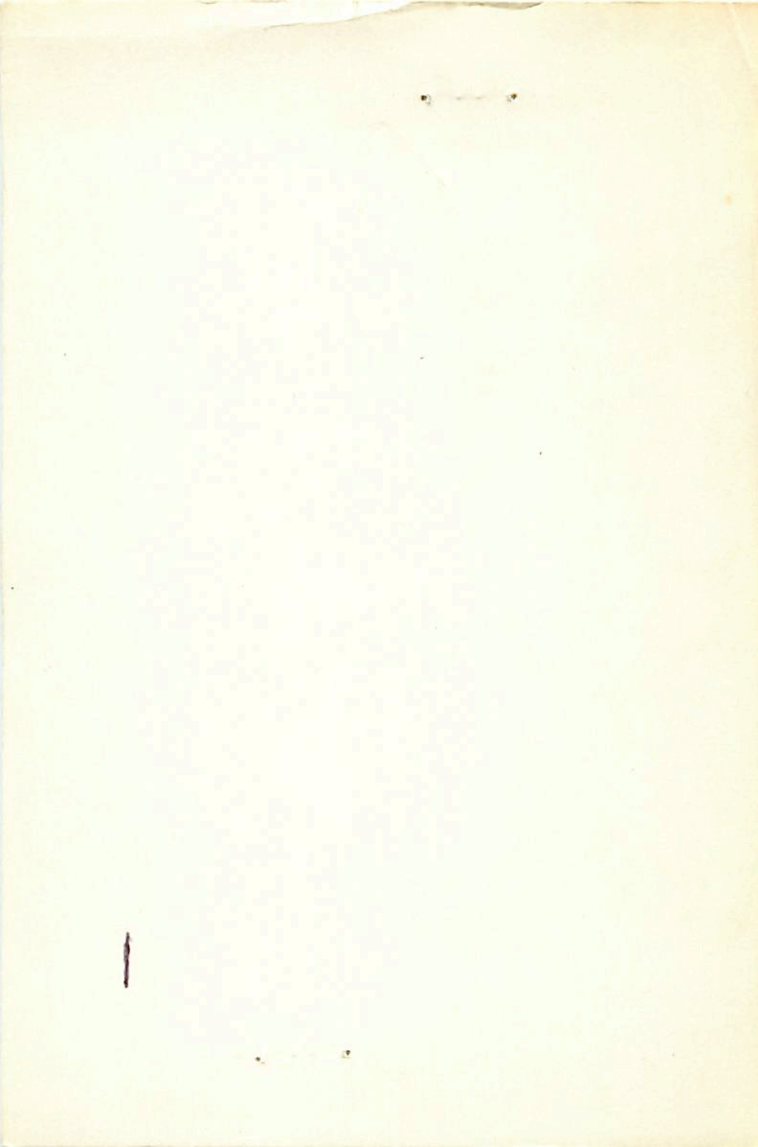
-0121

+001 →

-0121

+001 CP

" -1152



V753

11030

1112

0

14

37

45

164

470

.194

set 0 set were 11 434 set 25 set 5 set 82 set 100 set 110 set 120 set 130 set 140 set 150 set 160 set 170 set 180 set 190 set 200 set 210 set 220 set 230 set 240 set 250 set 260 set 270 set 280 set 290 set 300 set 310 set 320 set 330 set 340 set 350 set 360 set 370 set 380 set 390 set 400 set 410 set 420 set 430 set 440 set 450 set 460 set 470 set 480 set 490 set 500 set 510 set 520 set 530 set 540 set 550 set 560 set 570 set 580 set 590 set 600 set 610 set 620 set 630 set 640 set 650 set 660 set 670 set 680 set 690 set 700 set 710 set 720 set 730 set 740 set 750 set 760 set 770 set 780 set 790 set 800 set 810 set 820 set 830 set 840 set 850 set 860 set 870 set 880 set 890 set 900 set 910 set 920 set 930 set 940 set 950 set 960 set 970 set 980 set 990 set 1000 set

212-9 35-4 433

0.005 V

1100

-140 +004 V

100 -025

8133 pc

100 110 0173

30

102713

407
1443
26

+14.5

407
1432.64

11 47.1 +35 13

F5 IV

HR4536

SB
339

GL16199

SB 32.8 days

W350

5.73 +0.475 +0.025 2 eggs

-00984 +00322

+0029

310 .159 .500 ② SR 2.648 ③ GL+

215 +16

-00980

316

80

438

96
92 11 2

-0120

-0119 +007

+2.65

38.98

+17.3 -8.9 -12.2 -0096 = -118

+443 -228 -133 -73

(3.1)

+002
-00965 -0010 ±30 GL+

+14
-1150

-118 +006

+0012
4148
-145
-7.3 a



4333.000*

11.000*

47.100*

35.000*

13.000*

-3.119*

2.000*

3.100*

41.637

-7.300

2.501

2.254

-3.956

-1.210

3.007

-3.812

-3.136

3.954

2

A. Smith 1209

103101

11 49.7

-56 43

16246

-0142 ± 46

+020 ± 3.6

For

41.207 10.1

-0129

+025

+024 3640 4.6

$\frac{567}{779}$

$\frac{-91}{-91}$

-107

2721

173.43

20.53

2042

40.477

$\frac{12}{990}$

35.33

$\frac{-84}{-84}$

-0118 0245

41.469

$\frac{-15}{451}$

36.14

$\frac{-23}{-23}$

-01567 0310

-0961

095 +035

+25.8
+15.1
+23.5

Jan

759 106
196347
63112

-0219 ± 7.1 +093 ± 6.3
-0234
+112
+103
+102

11 45.7 ± 10.13
10.1 + 10.28
-324 +083 G.L.

16248

7169 47.927 1899.6 ± 10.13 28.39 1898.5

1.104
49,031

-4.74
23.60

-0232 +102
-02324 +1037

48.204
12

27.48 1933.7 343

37.4

47.518
30.57 216 3.07
535 48.075 154
16 877

-0341 +108

28.45 1940.2

47.557
31.22 216 3.07
310 216 3.07
310 216 3.07

376
+108
4.0
+10.7

28.36
158.5
27.92

38.5

+4.32

52029 ± 106
+10.7

044-599 177 584 -324 +053 +10.7 006 +2 436

3

103152 11 50.2 +15 43 45-8.86
6.7

16255

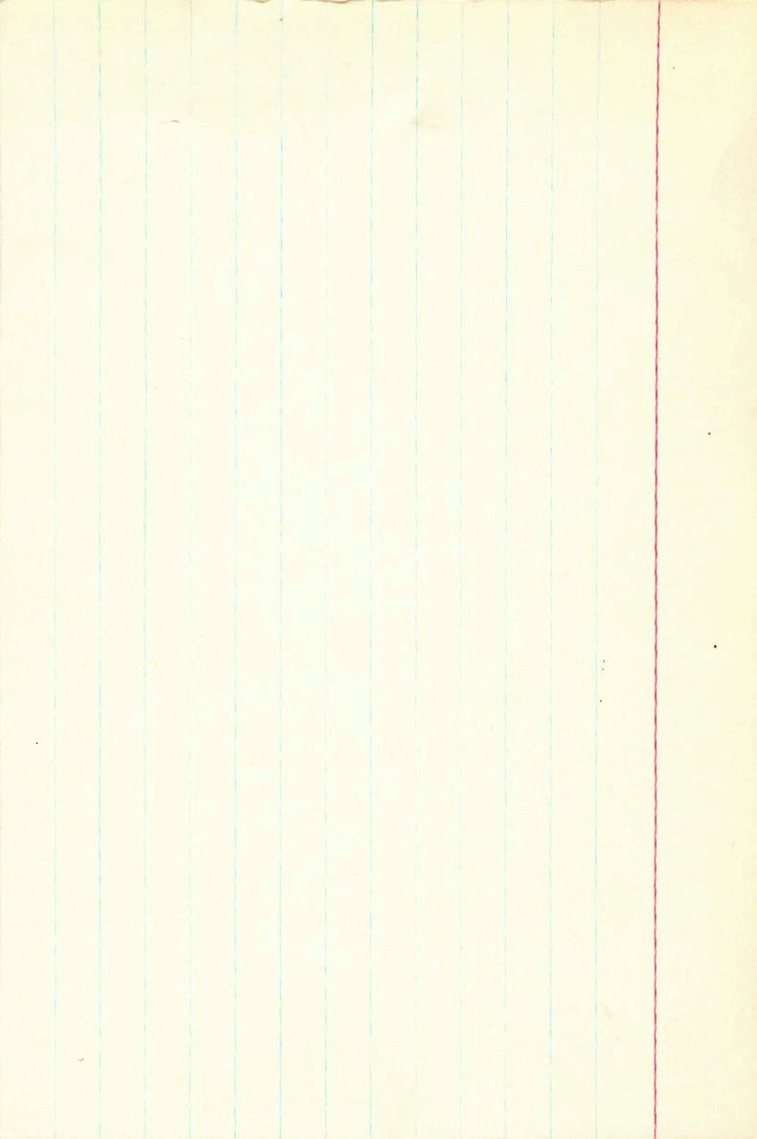
7171

²⁴+0021 -067 N30

+0023 22.6 -065 ±1.866 7130

7476

1642



50(24)

103126 11 50.7 +86 30 1100 +100

present

7.1

-226 +23566

-230 +240642

-225 +235

041 954 958 061 - 228 4235 410 238 410 071

Q = -905

103391

11 51.6 -30 38 7.31 +1.62 (2.55) MYID

3/8 .891 1401.4
-001329.5

7.24 +1.65 +1.97
6.07 +0.8⁹¹ 2.5

+0.8578
943.26 1400.3

-0.0020 +0.007 ^{stay}
-0.0185 +0.0107 ^{new} PKY

5.93 86
55
4.41
30
42

-0.239
-0.22 +0.15



4



103391.000*

11.000*

51.600*

-30.000*

-38.000*

-0.022*

0.015*

8.200*

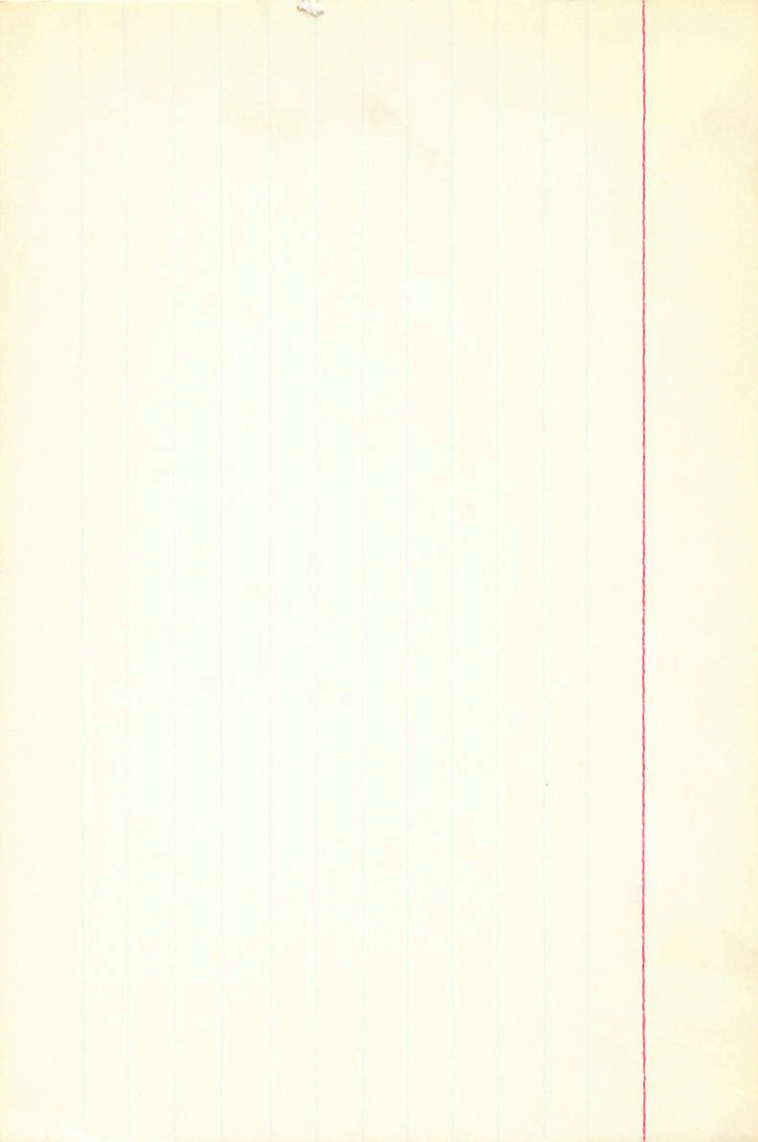
436.516

-9.500

0.120

-0.276

54



77
103003 11 57.9 -4 13 FS

-30300

162 509 2652
474 437 335
473 303

2583
9448

6611343

6.51 08 30 15.9

passive
500T-511

1st + 2nd +
-01015 + 00162 26

.5

5935 - 9923 0107 - 0106 61104
2357 0251 - 02010 - 10112
+8.2
1201 0110 - 1509

1949 + 016

~~3448
002
+030
0397 2.00~~

3.99

22/165

$\frac{506}{.691}$

1.3

-0104 E 5-6

-0102

20049

+015 F 6-0

+007

-004 F 89 00-2

$\frac{78}{16.54}$

16.54

26/93

$\frac{119}{997}$

20.27

16.35

$\frac{-15}{16.50}$

26.973

+21

$\frac{1}{999}$

6.9.64

16.64

$\frac{-14}{16.84}$

16.84

-0102 +004

-01024 +004

103459 11 52.3 -01 10.7
+0088±43 -317±4.0
+0078 -810

7.1
6.5

6616240 17.862 1895.1 -1 10 6.50 18444 +18.384(8)
483 +17.63

W7184 7.60 +0.68 +1.75 2 24"
Y2755 +0083 -308 64+

-0 02510 17.379
E0320 0.859
A342 16.7974

GC 1132 -317
50.87
42.51
20.72
3.203
3.20
+5.22

GC 1132 -317
40.4
13.86
6.94
47.005 +3.15
30.727
7.729
7.571

-64 -51 -4 .020
-43 -38.7 -4.25 .030

Y60 429 251 706
Y60 434 229 416
Y60 436 234 596
413
41.39
35.9
41.3
44.12 143.782
20.03
4.15
4.03
4.12
-15.41(6)
710(3)
+11 ±10

1

5

52.481

18.300

-1.250

-0.047

-66.491

-0.815

-0.523

-52.337

-0.570

0.851

5

-2103420

11 5-2.56 -22 06

+13-1 1500
~~1147~~

9.2 F5

10-18+0.52-0.14 8=+19

-164 ± 10 - 198 ± 7

~~114~~
~~108~~ -2
-200

f1 -4

~~163~~ -202

-11 -8

-175 -206

+12

9438 11 529 -22 06 10.12 40.53-0.15

654

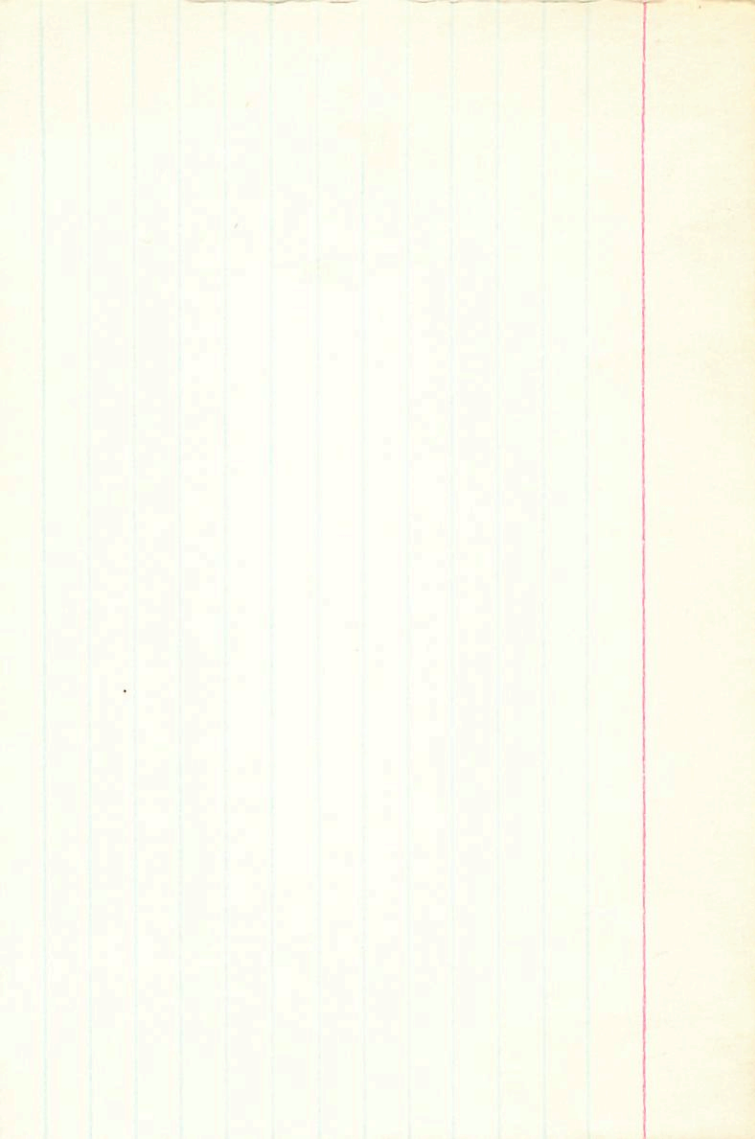
023012-

m.m

5.10 -178 -196

106m.
1065m.

-874	434	-216	+7374	-4032	+3342	+83	-2.6	
434	501	-749	-3661	-1454	-8313	-97	-9.0	
216	749	626	-1822	-6958	-8780	-85	+7.5	
							<u><u>-85</u></u>	



+0001±3.5 -034±3.2
-033

103596 11 53.7 -28 122 6.1 9.125 +11.38

16312

7195 7.250 1405.7 -28 11 54.34 1903.7

$\frac{4}{246}$

$\frac{1.57}{52.77}$

51.014
 $\frac{16.185}{7.202}$
 $\frac{15}{25}$
 $\frac{15}{25}$

32.7

33.09 1934.11

$\frac{20.80}{53.89}$
 $\frac{53.91}{53.93}$
 $\frac{1.16}{53.81}$

$\frac{244}{-002}$

38.4
34.7

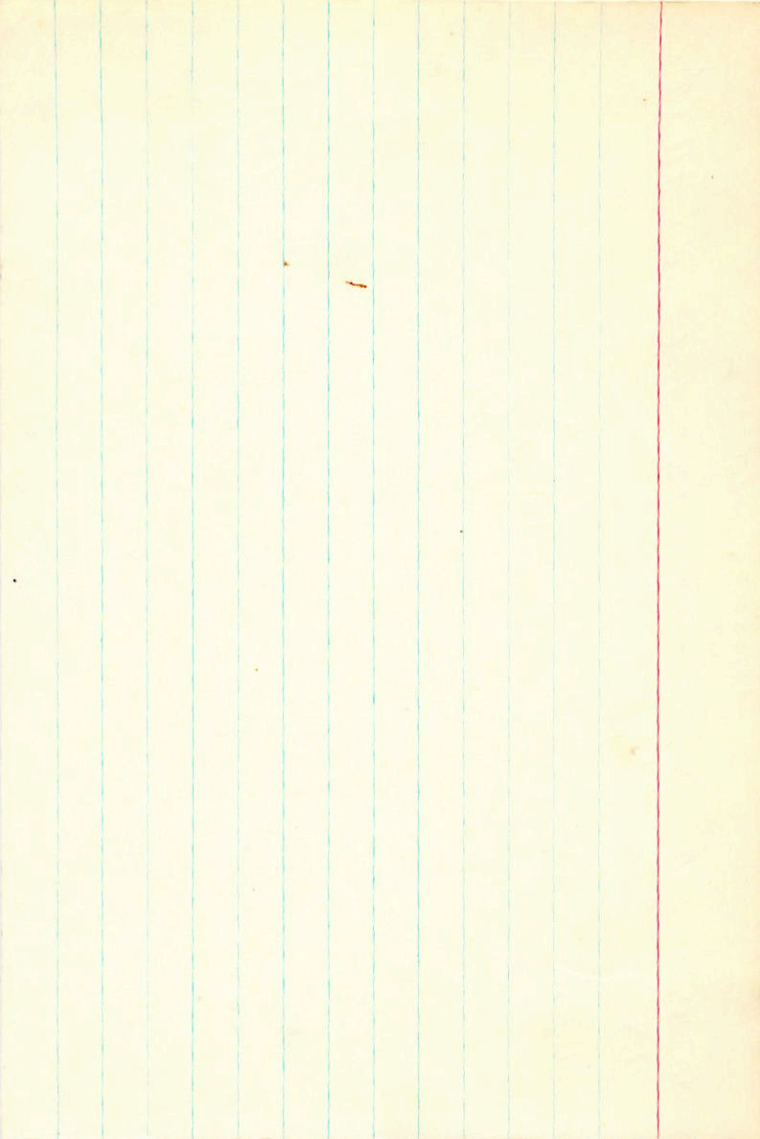
53.90 1939.26

7.234
 $\frac{229}{229}$

36.759
30.500
 $\frac{15}{7.25}$
 $\frac{15}{7.25}$

144.80
33.76
20.33
 $\frac{90}{54.090}$

11 34.08



Carney B and Jones R

PAP 95, 246

1983

Ally
Kasi

103800

11.9 +229

-74

9

-041

-023

6.8-9

-45

-23

1

103361

0.2512

V 23.7 -00 96

103734

11 54.3

461

50

6.3

6814

+17.18

(+0.6) DD

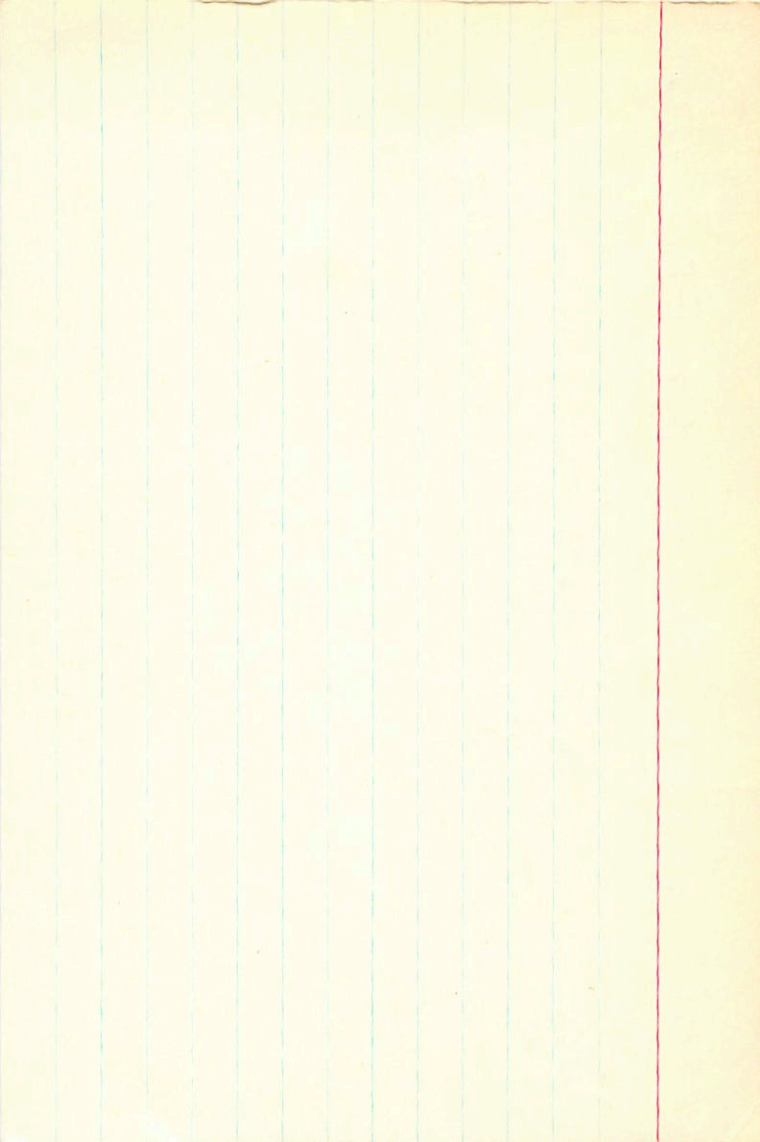
16334

7204

15

-0045-048N30

-0043±3.2 -044±2.8 0-c N30



103500

11 54.7 +22 56

-0.22 -0.227

103501

726.5

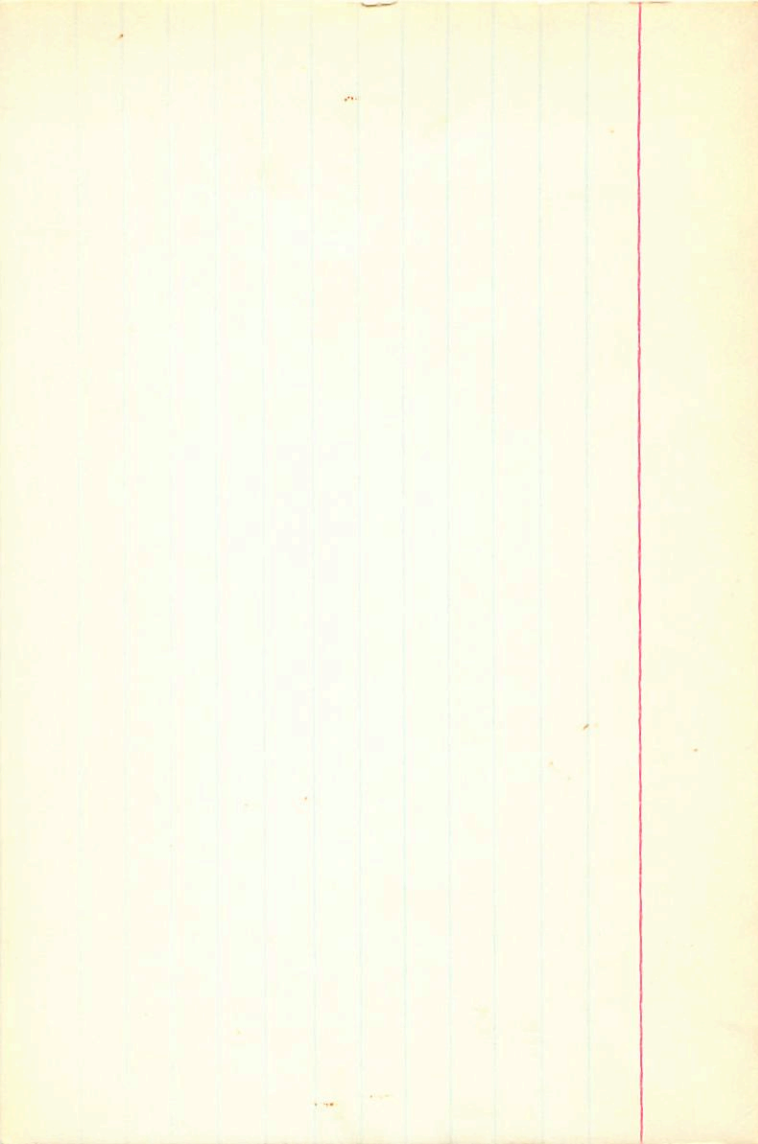
+1 +3
-0.81 -0.2466
+3 -1
-0.28 -0.25

84 44.187
22
60.209

+22 56 17.45
-22
17.22

1928.26

5A



103813

11 54.8

+27

02

7.4

K1

+346

2 ✓

61485

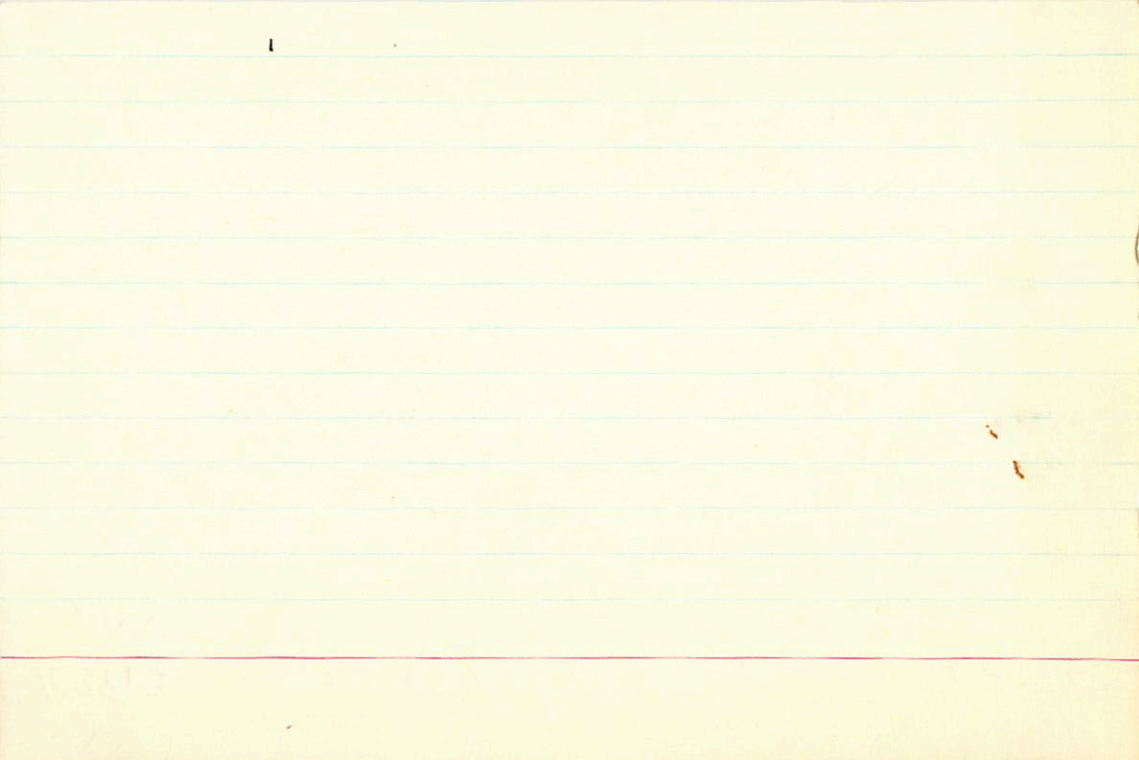
7206

+015 -155 Y

+014

-4

-159



~~174941~~ 35.7576 11 58.7 -35.7 ✓

1000-2500 → 1000-2500 → 1000-2500
-0607
+100

1011 63 1011 0.50 20
→ 3.

100 1000

1000 9889 640 6200

1000 1000

7

437

423
8466

10093
5046
-3.97

49.15
-22
-22
46.37

51.12

51.56

1576.06

4649

2817 152860

013183 -111
-0136 -091
-47 42 60
6.77+50

43485 -15003 -47 4

6.77+50

11 55.7 -47 42 60

103975

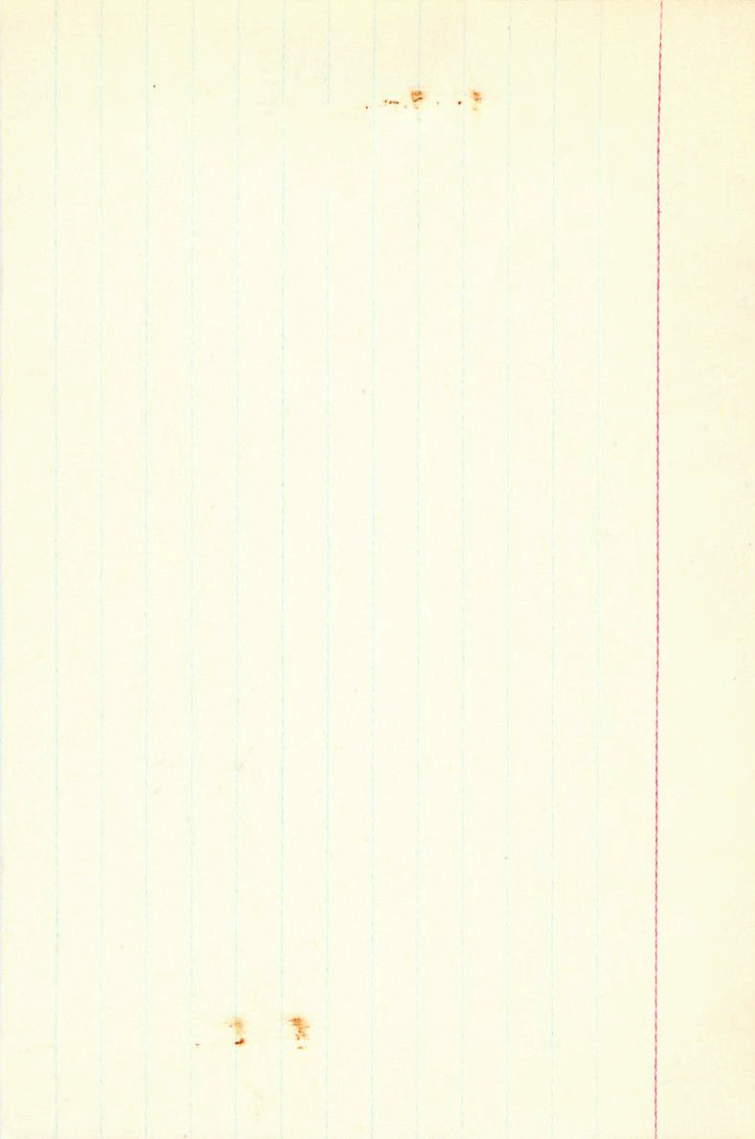
16372

420

1126
563
-573

43376
18
358

43.696
15936
27738
44136
651



+0059 ±3.1 -004 ±3.6 (+0.1) DD
+0050
014

103953 11 55.8 +61 45 6.7 100 VII -25.98

16373

7212 45.023 1790.7 +61 44 34.69 1896.7

~~350~~

~~44.732~~

44.673

26.66

18.335

45.077

46.8306

44.14

21
34.90

55.15 19253

-20.95

33.50

33.40

3415

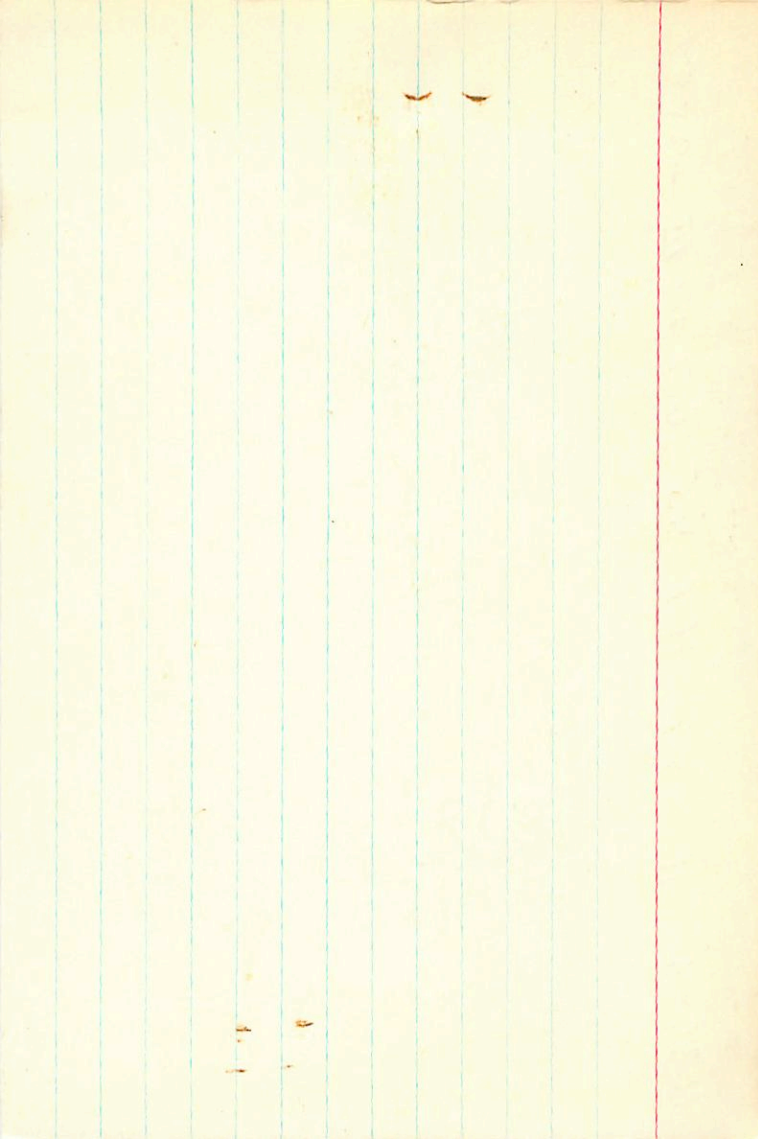
68123

74.644

22

100.84

3406



8552

11/01/75

45 17+

8:55

5:55

7-9 400-2107

!

!

8



4575.000*

11.000*

55.000*

61.000*

45.000*

0.042*

-0.004*

5.000*

100.000

-25.900

-0.179

0.402

-28.322

0.073

0.419

-3.568

0.051

0.814

-15.995

8

54773

4456 11 56.0 -23 25 10.39 +0.57 -0.07

+58

688

-3609429

-218 +028

4.92 963^{no.}

61.7

-874 376 -307

+9031 +0499

+9530

+77

-17.8

440 343 -830

-4546 +0455

-4091

-89.5

-48.1

207 860 465

-2139 +1141

-0998

+17

+27.0

87.5

39.3

4584

11 574 434 19 19 II

10476

16408

4.0

142 193 921

②SAC

2803 ②GAT

~41 4036

50
35
6.53

4

8214

a

104207

11 57.5 +19 42

+382

(3)

88-42

65.1 19.1

-93
-42

—

10

P.A. :
DEC. : 11.250
PM. R.A. : 19.700
PM. DEC. : -23.000
DISTANCE : -42.000
MODULUS : 8.000
RAD. VEL. : 398

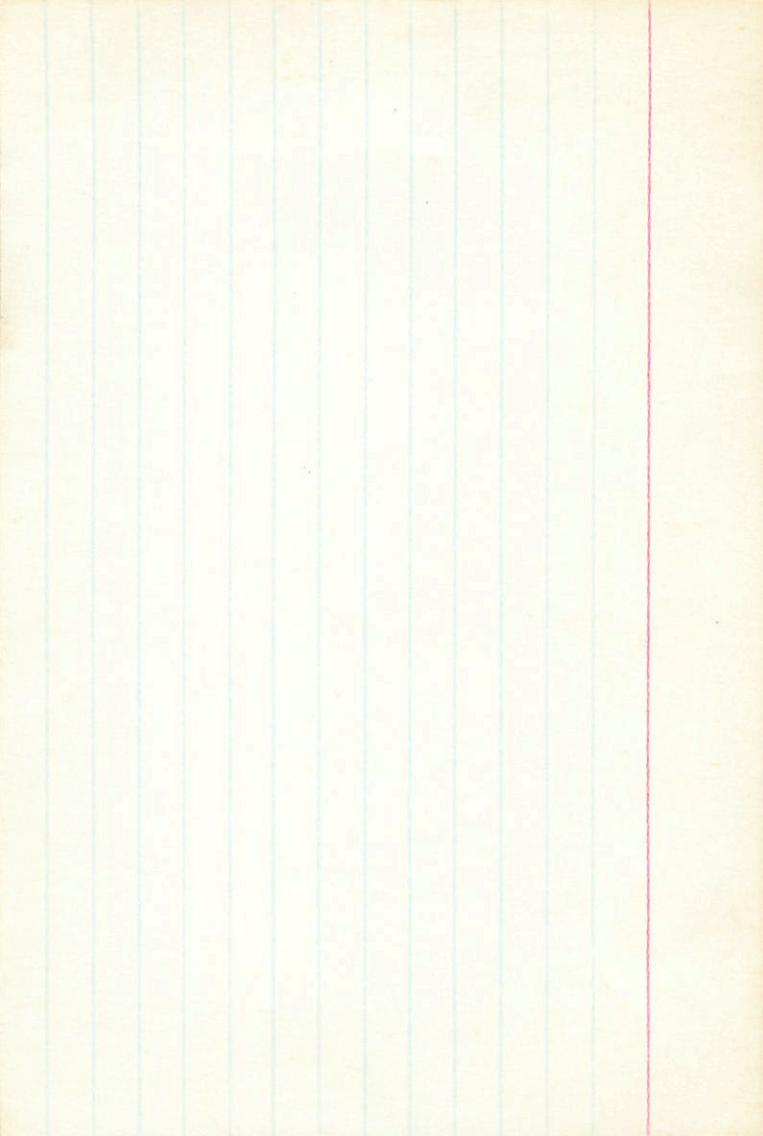
d1 (U) : 38.300
d2 (U) : -0.870
d3 (U) : 0.470
d4 : 0.111
U : 268.188
111.000

d1 (U)
d2 (U)

R.A.	:	11.950
DEC.	:	19.700
PM. R.A.	:	-93.000
PM. DEC.	:	-42.000
DISTANCE	:	8.000
MODULUS	:	398
RAD. VEL.	:	38.300

q1 (U)	:	-0.874
q2 (U)	:	0.474
q3 (U)	:	0.111
dU	:	268.188
U	:	111.000

q1 (U)



TI Vii

11

58.3 +6 54

-10.4

-23 2

#R4559

4.50^h +0.12^m

44 5

W 7224

0000 -032 GL →

0000 -034 N 30

000 -033

000 -034 GL

+001 -033 2

000 -034

31 m-

-873 486 +002

445 800 -403

198 352 915

-0760

-1251

-0550

-236 -2.4 -

-38.7 -3.9 +4.2

-1.7 -9.5

$\begin{matrix} 0 & -p & 0 & 1 & 000 & -034 & -23 & 0 & 0 & -141 \\ 0 & . & 0 & 0 & 0 & 0 & -23.0 & +223 & +223 \end{matrix}$

$+223 + 223 - 8$

020

035

5922	8.60	+0.52	-0.04	F6V	Var?
103614				1.035	-1.52
				-1.001	-1.004
+26°227'				+1.034	-1.56
				-1.001	+1.003
				+1.033	-1.53

$11^{\text{h}} 53^{\text{m}} 26.427$
 $\quad +.018$

 26.445

 $11^{\text{h}} 53 26.420$
 $\quad +.005$

 $.425$

$+25^{\circ} 46' 13.44$ 1928.26
 $\quad \quad \quad - .21$

 13.23

 $+25^{\circ} 46' 13.20$ 1930.1
 $\quad \quad \quad - .19$

 $.01$

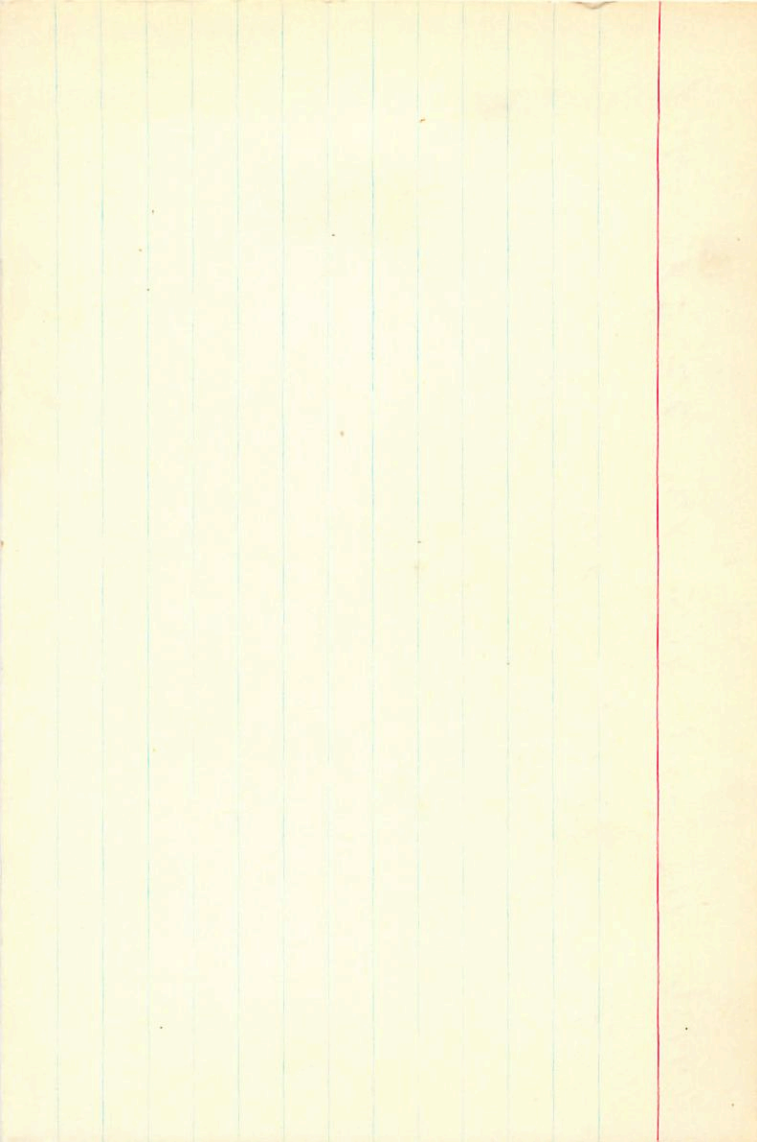
104436 11 59.1 +65 13 7.2 g A8 -498

16437
7278

-0068²⁶ -022 N30

-0068 ± 4.9 -049 ± 5.3 6c → N30

N30



-0028 ± 2.1 -018 ± 1.8
-0028 -020

11 59.2 +22 22 6.6 dF7 +11.16

16442

7231 10.734 16923 +22 22 21.96 18853

$$\frac{162}{892}$$

$$\frac{116}{23.12}$$

10.789

1544

795

44.5

772

10.746

-124

22.06 1933.2

13

22.19

21.98 1940.38

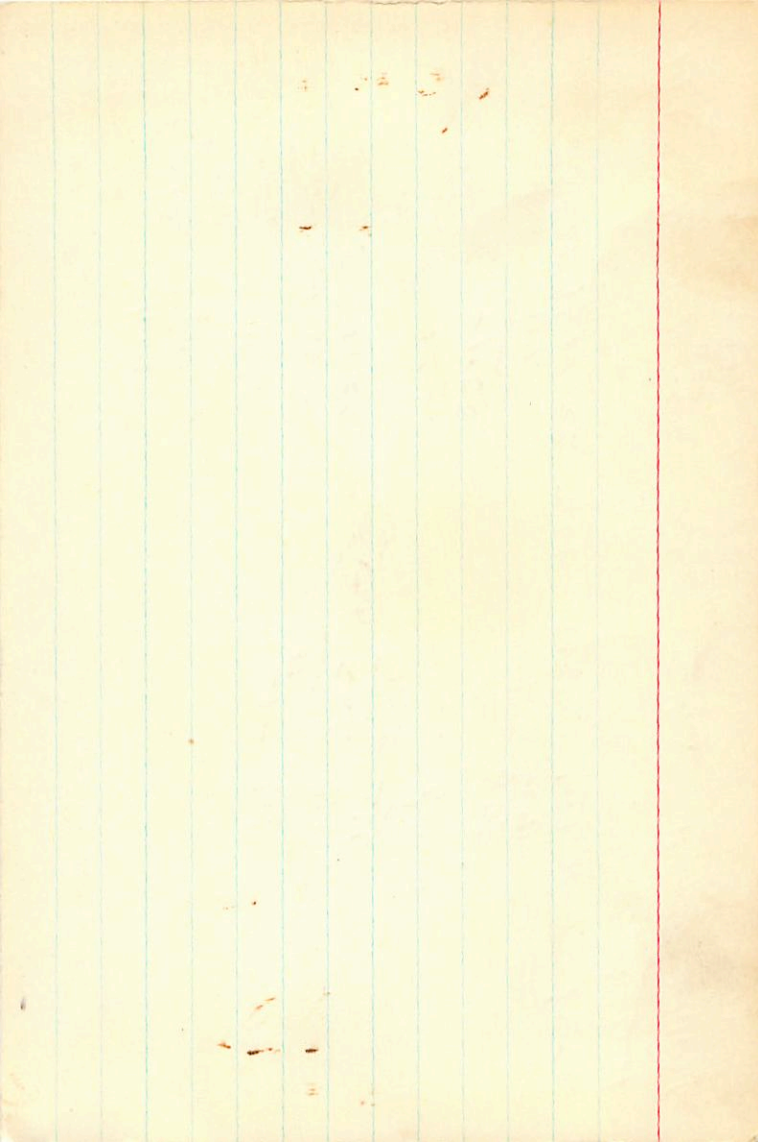
72.58

36.8

22.08

-1.04

51.5





2/1/20
926.000*

11.000*

48.100*

-32.000*

-52.000*

-0.152*

0.001*

5.000*

100.000

13.200

0.632

-0.281

59.530

-0.304

-0.837

-41.445

-0.164

0.470

-10.194

V753 Cam 11 48.7 -55 81

H0 30203

Sum

P

|

|



1870
 1871
 1872
 1873
 1874
 1875
 1876
 1877
 1878
 1879
 1880
 1881
 1882
 1883
 1884
 1885
 1886
 1887
 1888
 1889
 1890
 1891
 1892
 1893
 1894
 1895
 1896
 1897
 1898
 1899
 1900

N

103391.000*

11.000*
51.600*
-30.000*
-38.000*
-0.022*
0.015*
8.200*
436.516
-9.500

0.120
-0.276

54.799

-0.018
-0.817

-0.063

0.036
0.506

11.072

4

R.A. : 11.900
DEC. : -35.900
R.A. : -73.000
DEC. : -20.000
STANCE : 9.350
ODULUS : 741
VEL. : 103.000

-0.874

WHL
8-63

103975
 14372
 -
 43485 1500.3 -47 41 52.20 15586
 6.77+50
 -0131#83 -111 ± 8.0
 -0136 -091
 11 55.7 -47 42 60 $\bar{2}$ -2.1

103975
 14372
 -

43485 1500.3 -47 41 52.20 15586
 651
4136
 4136

27.738
 15935
 43.676
 43.104
780
 1782
408
 43.376
 10.8

42.0

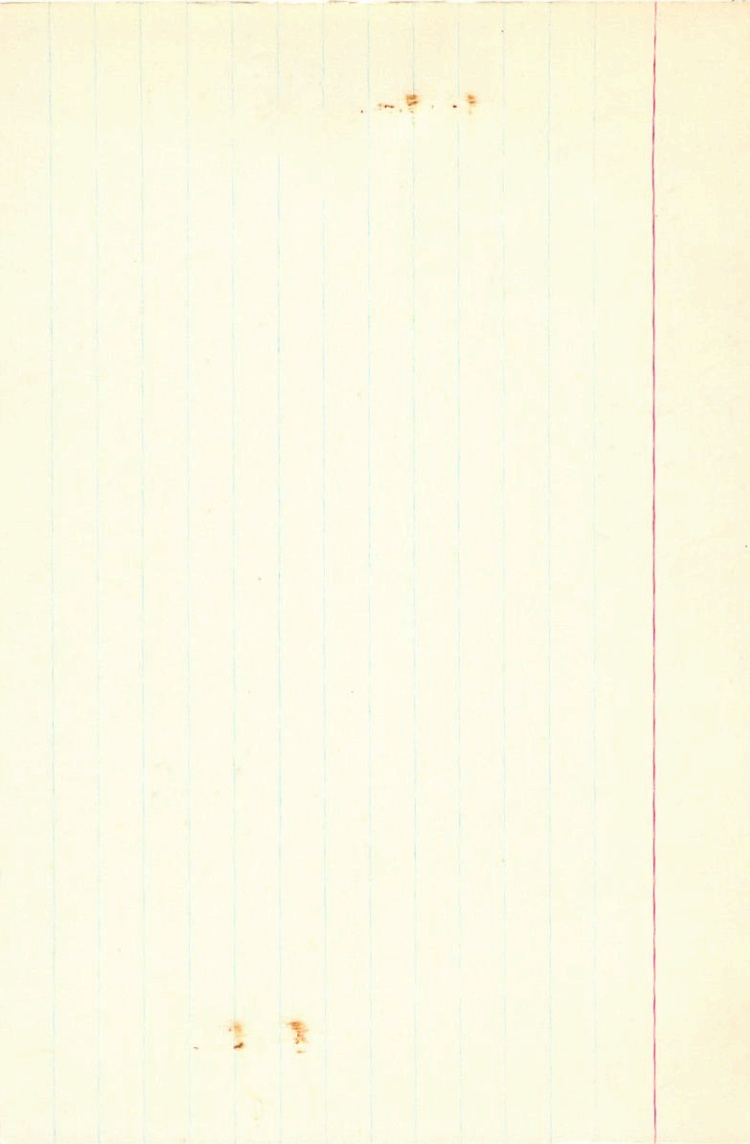
28.17 152860
 -20.55
49.15
 -22 $\frac{10093}{50.40}$
 49.37 -3.97
 51.12 1956.06
 -44
51.56

8466
 42.3
 43.7

11 $\frac{26}{563}$
563
 -563

43.376
 10.8

429
 426
 425
 ds (M)
 ds (M)
 ds (M)
 ds (M)
 ds (M)
 ds (M)



P.A. :
DEC. :
PM. R.A. :
PM. DEC. :
DISTANCE :
MODULUS :
RAD. VEL. :
328
328.300

d1 (U) :
d2 (U) :
d3 (U) :
dU :
U :
111.007
268.188

d1 (V) :
d2 (V) :
d3 (V) :
dV :
0.444
0.868

11.250
12.700
-23.000
-42.000
0.000
0.000

-0.873
0.474
0.111
268.188

R.A. : 11.950
DEC. : 19.700
PM. R.A. : -93.000
PM. DEC. : -42.000
DISTANCE : 8.000
MODULUS : 398
RAD. VEL. : 38.300

q1 (U) : -0.874
q2 (U) : 0.474
q3 (U) : 0.111
dU : 268.188
U : 111.007

q1 (V) : 0.444
q2 (V) : 0.869
q3 (V) : -0.869
dV : -0.869
V : -0.869

HS104747

12 0.1 -38 44
11 58.6 -38 27

Sp. A.I. 70, 14, 1965

$\times 10^6$

I	109.2	1913.77	0.58	+132	-571	-645	-177	0.67	150°	25.3
II	113.7	1913.75	0.61	+114	-580	-671	-191	0.70	146	26.9
III	100.0	1911.99	0.53	+201	-555	-554	-217	0.60	166	21.6

$b-y = 1328$

$[m] +217$ $[m] +071$ 6.5-1 +0.51

$[m] +260$ +044

256
7.220
4.05

β 2.549

327 (10)
33 6 (6)
3/2

5 Dec

~~11/23~~

π 1023

$m_1 = m_2$

+4.05

1.05

160-46-18

