

1331/1180

25 8+ 1.17 50

h37

792 619 882 147

112776

$$\left[\begin{array}{l} 5029 \\ 8600- \\ 408 \end{array} \right] \begin{array}{l} 1081 \\ 1081 \\ 1081 \end{array} \begin{array}{l} \text{Kinc-} \\ \text{Kinc-} \\ \text{Kinc-} \end{array}$$

4 66+ 281-

$\frac{8-8}{2}$

$\frac{24+281}{2}$

2190 514+ 505

0504 105-

3450
130
511-

② 108+ 2112

642

13 30.9

+48 32

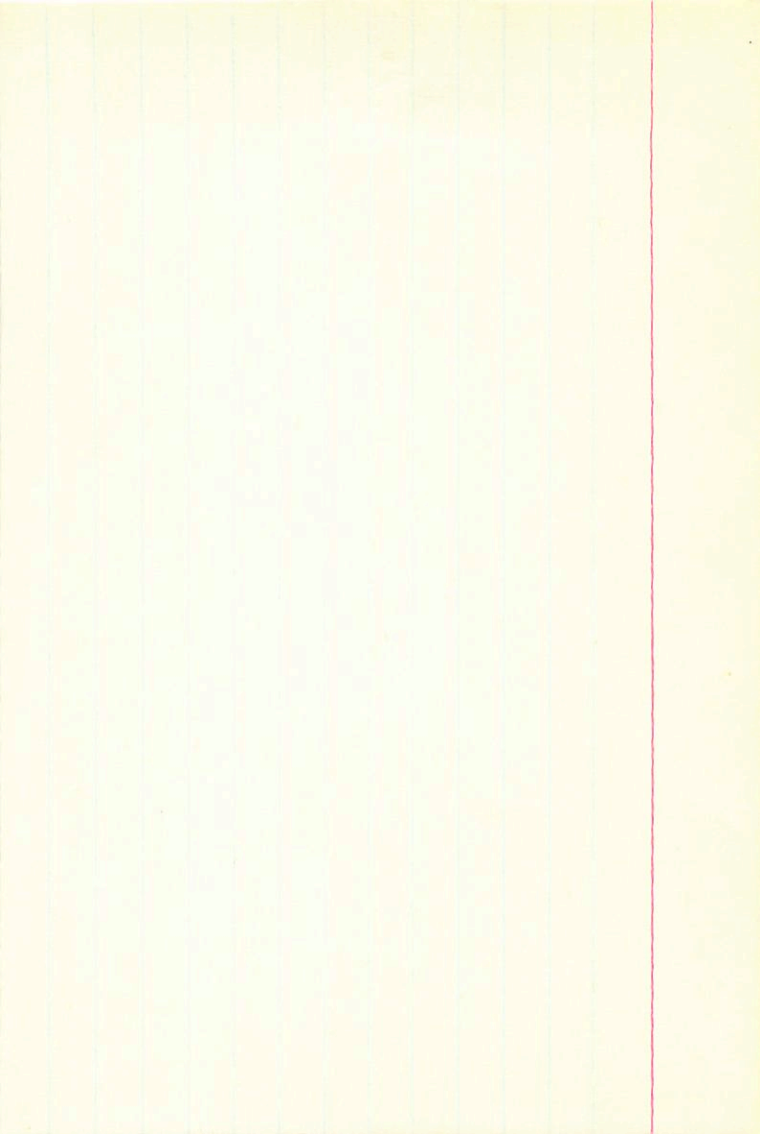
height

9.40 +1.08 +0.91 (2)

+0.44 (2)

1029-035 Mc-AC

-3.7



13 247 131 25

10024 -125 +08

983 -9688 132
1819 2478 011
36/10

014

+44° 22' 79

13

26.8

+44

46

692

~~13 30.9539~~

~~28.8~~

+43

31.74

891
791
5

McC-AC +0.029 -0.035

9.7 K8 +7.4

2.1
+0.029 -0.035
-3.7



1

1890

1891

1892

1893

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1900

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2022

2023

2024

2025

692.000*

13.000*

30.900*

43.000*

32.000*

0.029*

-0.035*

2.100*

26.303

-3.700

-0.211

0.044

-5.708

-0.038

0.309

-2.154

0.022

0.950

693

13 3/8 +33 28

+3302350

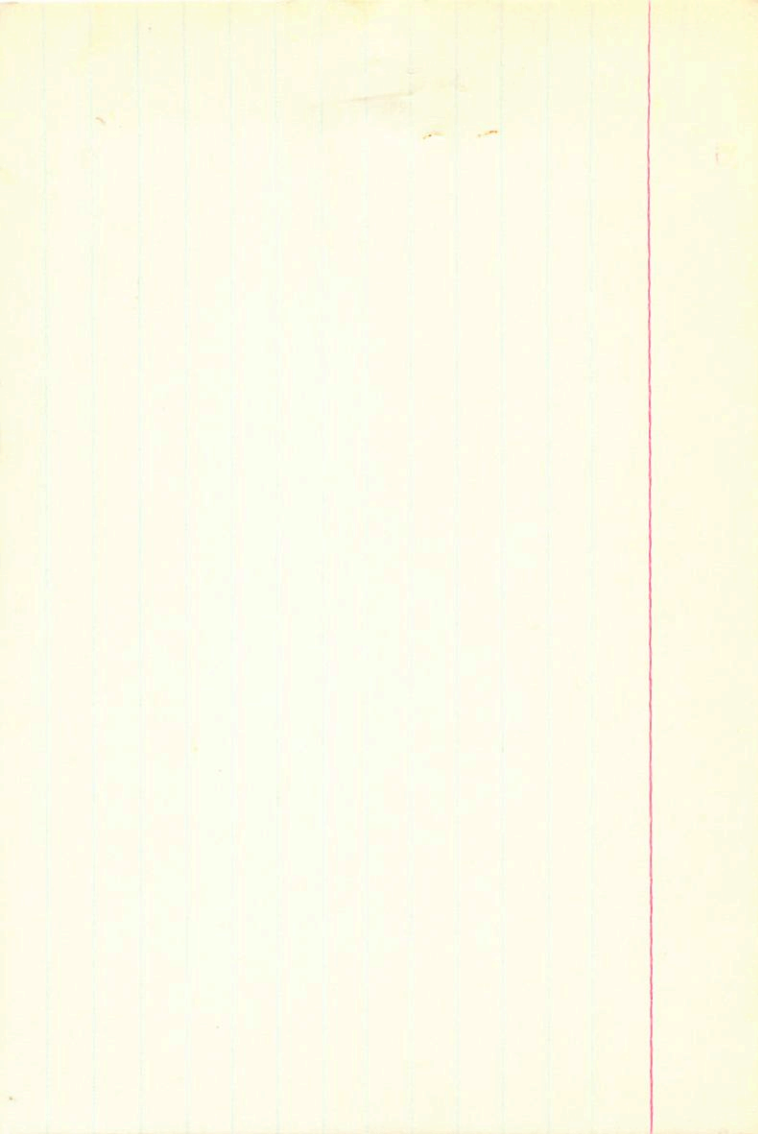
9.25 +1.08 +0.40 ②

+0.43 ②

|

+1.1

-0.29 +0.35 bin



+48° 2138

13 31.9
13 33.9
13 35.848.5

+48 52
+48 37
+48 23.02

303

ADS 8980, d=2.8, om=0.2.

2819 9977
-6234 -0941

317
159

39
19
19

174 (1) 000
-38 day H+K₂

E.B. Lex. -0.21 -0.12
-211 -111

953
915
912
914 55

9.7 MOP +8.8

8.8 }
11.5 }

-0.210 -0.120

-18.0
1.55

1968.29 277.6 2.57 250
1910.32 269.6 3.02 250
1921.00 278.2 2.74 5 Focal.
1960.48 294.1 2.75 1 W

-243 -118 (61)
-207 +20



1858-1859

1859-1860

1860-1861

1861-1862

1862-1863

1863-1864

1864-1865

1865-1866

1866-1867

1867-1868

1868-1869

1869-1870

1870-1871

1871-1872

1872-1873

1873-1874

1874-1875

1875-1876

1876-1877

1877-1878

1878-1879

1879-1880

1880-1881

1881-1882

1882-1883

1883-1884

303.000*

13.000*

35.000*

48.000*

23.000*

-0.225*

-0.120*

1.550*

20.417

-18.000

0.462

0.086

7.899

-1.047

0.379

-28.205

0.388

0.921

-8.667

303

13 35.8 + 48 23

1490 2135

AB 9.76 + 138 + 1.18 (2)

+0.705 (2)

AD59980

2.8

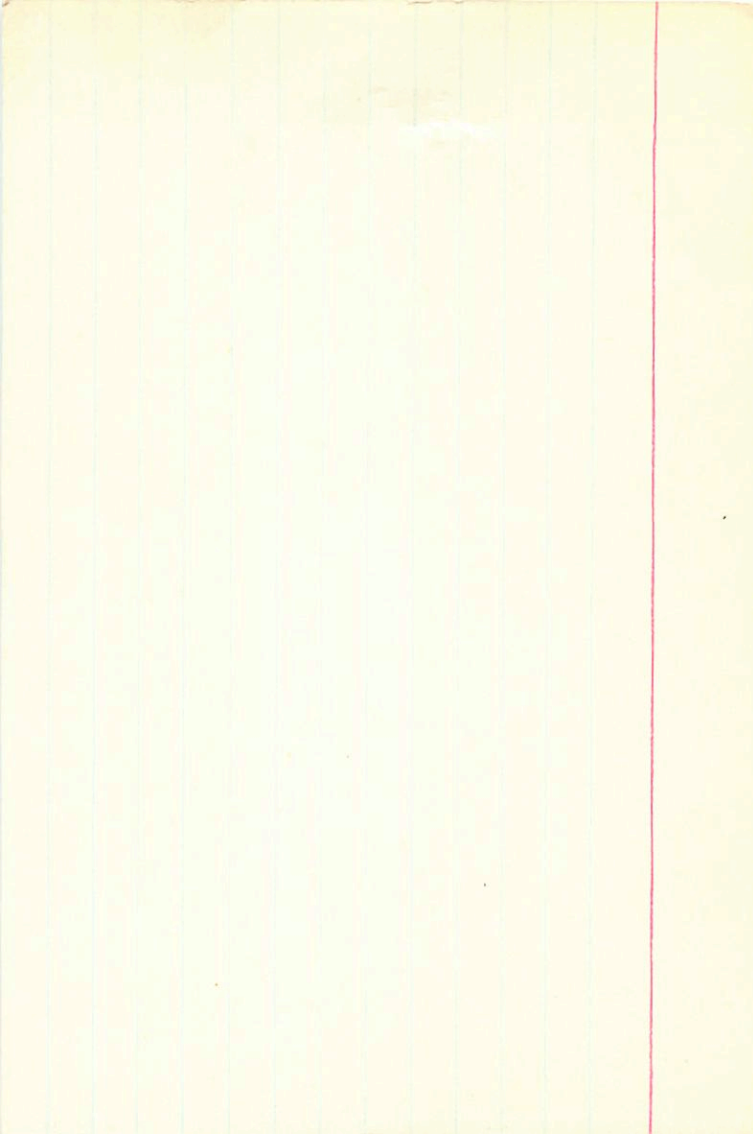
$\Delta m = 0.2$

75
105

7820 - 9956
-6234 - 0941

0.274

-25 513



+76.4736 13 33.7 +76 17 696

13 35 9.3 +75 48.05

Green. Ref. +.042 +.033

11.2: MO 78.7

+33° 2350

13	27.5
¹³	^{29.6}
13	31.8 49.6

+33	57
⁺³³	⁴²
+33	27.79

693

113
21

C: 18.1758 - .29 + .33

829
764
56

9.4 K8 + 7.6

-0.290 + 0.330

-275	2.1
+320	4.1

-257 + 266 (661)

-277 + 305 L

-277 + 320 Hybrid



090.34

088.31

086.28

084.25

082.22

080.19

078.16

076.13

074.10

072.07

070.04

068.01

066.98

064.95

062.92

060.89

058.86

056.83

054.80

052.77

050.74

048.71

046.68

044.65

693.000*

13.000*

31.000*

33.000*

28.000*

-0.275*

0.320*

2.100*

26.303

1.100

1.962

-0.069

51.521

0.384

0.179

10.291

0.067

0.982

2.854

+38°2457

13 27.6

+38 22.7

694

¹³13 29.7
13 311849.9

+38
+37 52.79

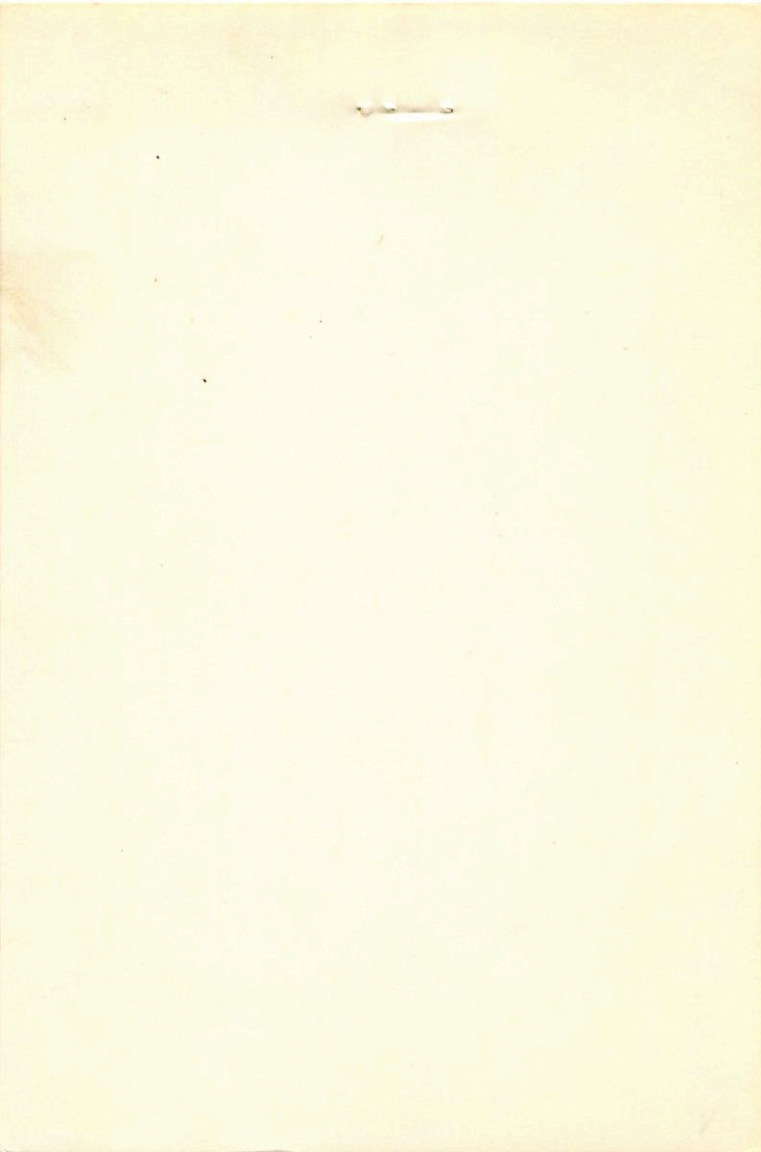
42
21

694
638
57

E.B. box. -0.013 - .182

9.4 K8 + 7.4

2.7
-0.013 - 0.182 22.5



694.000*

13.000*

31.000*

37.000*

53.000*

-0.013*

-0.182*

2.700*

34.674

-23.500

-0.494

-0.020

-16.660

-0.692

0.238

-29.570

0.159

0.971

-17.310

654

13

31.8 + 37 53

12802457

9.4

10.05

+ 1.10 + 1.00 ②

+ 0.44 ③

—

-013-182

-232-

+36° 2397

13 32.6

+36 42

304

13

36 50.2

+36 13.07

InC-AC +0.03 -0.08

10.3 K8 +7.8

R1026 13 88-1 +44 01

G772-51

2857 1144

✓
-1.107 317

9885 -9517 1.143 (10)
607

1511 3068 +2.0

1205

-0.40

244

118972

13 88.2 -34 102

323459

6.58 6.76 0.18 0.28

6.60
0.30

661849

159 -154

0.69

July

+0159 -177

98 by
1864

9764
-6003

2562
0125
0.85
0489

654703 317 415

+0169 -173

109

1596

0.2

+200 -170

2662

9808 7602 -2662

6.94 4.94 3.17 4.08

0021

+015

1449 -1259 -1001

0722 071

0.74

916

305

G-177-58

13 409

+46 23

0.264 287

257 074

M. 26
1.25

9 604-9500 } 264
1383 3124 } 000
5805 } 4085

1301

1.06

11.93

12.22

2.74

9.48

0283

204

+61° 23399

13 40.6

+61 43

699

13 43 47.1

+61 14.51

MC-AC -0.043 +.052

11.1 MO +8.6

#3.2448-85

average

13 37.8 +2 51

52

13 42 37.4 +2 22.39

-002 +0.13 ML-AL

10.5 M10 F8.3

-5.3763

13 39.9 -5 23 147

W8138

13 44.9 ~~51.5~~ -5 51.48

43143

26C(7)

-46.1634
dM4

C20-806

10.5 10-7-7

-0.352 -0.559 CR

857

12 45.1 + 6 34

+ 24762

98 MC

10.04 + 1.20 + 1.18 (3)

+ 0.44 (2)

Open 661925
6.360

- 31.1



~~7° 2692~~
~~Y 3140~~

~~13 40.3~~
~~13 45.13/3~~

~~+7 2~~
~~+6 33.54~~

*
698

half 504

A 6.34 +0.64 +0.15 115
B 10.04 +1.22 +1.18 12

McC 580.17 - .516 - .118

9.8 MOp +8.0
+0".025

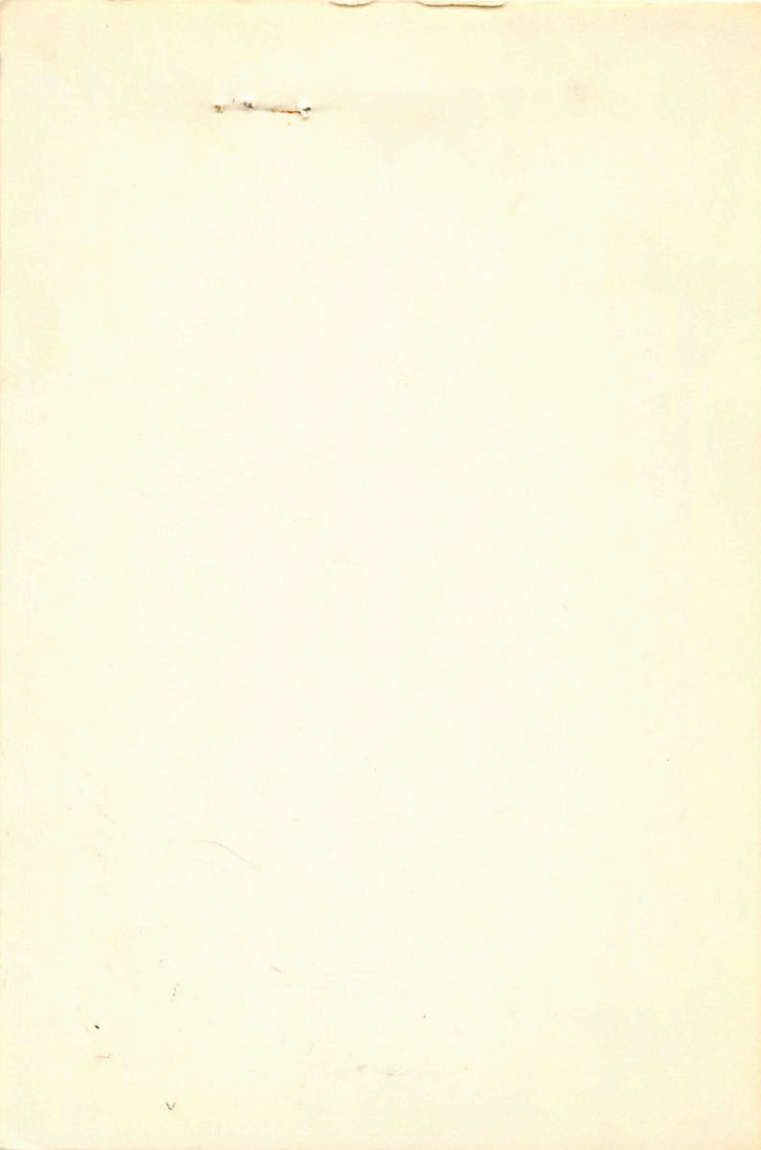
Mt. Wilson observed the 27 A (20)
brighter. A, M & Y relative 40 M (7)
parallaxes are the means 5 Y (10) (40 120866)
for the 2 components 25 W (7) 17 0.2690

456" 840
823
505

-31.16 A

* Common motion with G.C. 18625
(6.3 mag., G0). Parallax is assumed
to be the same for both stars.

2.4 2.4
-0.508 -0.106 } 31.1



1955

310

13 43.0 +16

+1602565

5.4

10.17 +1.02 +0.45 ①

+0.245 ②



176° 2565 - 13 43.0 +16 7 310

13 47₆ 35.9 +15 38.70

10.15 1.03

924
868

KS
9.6 18 +7:

E.B. Len. -0.094 -0.327

-0.094 -0.327

-124

-3046(2)

-041 -257 ✓

+22° 2632

13 40.8

+22 10

309

13 45 17.7

+21 41.56

McC-AC +0.089 -0.086

11.0 MO +9.4

$$13535 \overset{III}{-} 2749$$

L912-22

$$13 \ 53.5 \ -27 \ 49$$

$$-501 - \cancel{898} \ L$$

$$\begin{array}{r} 9212 \\ -3541 \\ \hline 5671 \end{array} \quad \begin{array}{r} -9965 \\ -0938 \\ \hline -10943 \end{array} \quad \left. \begin{array}{r} 5066 \\ 0457 \\ +3.8 \\ \hline 0573 \end{array} \right\}$$

0573

1.21

-17.7

$$13.60 \quad \begin{array}{r} 750 \\ 1.438 \\ \hline 11.05 \end{array}$$

11.05

42114

45 80+

9/25 81

JEDE SHY

182 95C-

182
95C-

02

11K

R.A.	:	13.900
PM. DEC.	:	8.750
PM. R.A.	:	-756.000
PM. DEC.	:	281.000
DISTANCE	:	2.000
RAD. DEC.	:	44.000

q1 (U)	:	-0.735
q2 (U)	:	0.550
q3 (U)	:	-0.396
dU	:	3336.146
U	:	79.442

q1 (V)	:	0.631
q2 (V)	:	0.769
q3 (V)	:	-0.102
dV	:	%-1200
V	:	

+65°965

13 52.5

+65 23

703

13 55 11.2

+64 55.26

McC-AC +.081 -.168

10.9 K8 +7.4

+18.2811

13 53.9

+18 47

311

13 58.425.2

+18 19.41

45
27
6

E.B. LEX -0.10 +0.28

K8
10.2 MO +8.1

+141105-9 13 55.3 +14 26 150

13 59 54.1 +13 58.51

ML-AC +105-093

100AD+8.6

+41° 24.59

13 58.4

+41

2

707

14 2 20.9

+40 34.71

McC-AC - 252 +.115

10.7 MO +8.2

+46° 59' 29.0

14

2.4

+46

14

709

14

6 8.0

+45

46.99

ADS 9120; $d = 1.8$

$\Delta m = 1.0 \text{ mag.}$

McC-AC -0.028 -10.2

10.7 K8 +7.7

*

123505

14 06.5 -61 16 652

9.70 +0.78 +0.24 (6)

9.22 +0.34 (2)

+37.0

-0630 -638 $\pi(3)$

-0632 -642 Cape

-0631 -640

-06305 -634

-454

-455-630

307 (12)

352 (14)

536 (18)

026

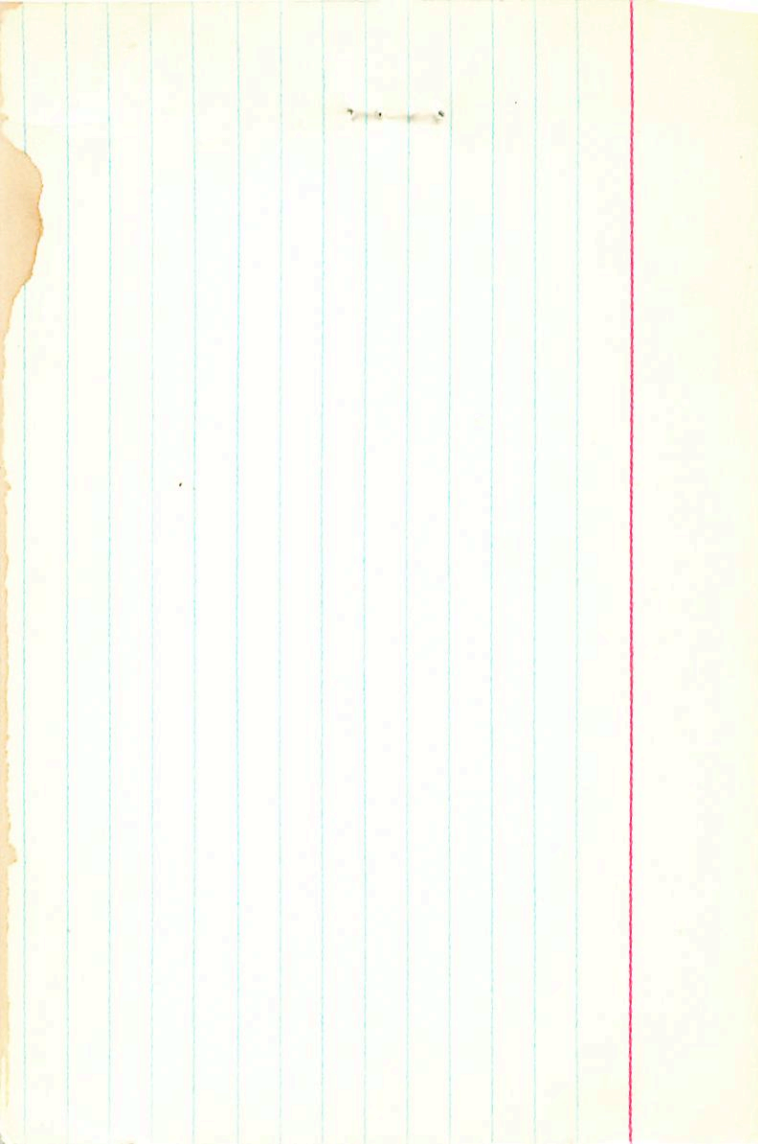
2.2

not checked

123505 -455 +60 +6.75

+0.24 -630 -104 -0.6

230 +37.0 -86





13.900	:	R.A.	:
8.750	:	DEC.	:
-750.000	:	PM. R.A.	:
281.000	:	PM. DEC.	:
44.000	:	RAD. DISTANCE	:
44.000	:	RAD. DEF.	:

-0.735	:	p1 (U)	:
0.250	:	p2 (U)	:
-0.398	:	p3 (U)	:
3330.148	:	UB	:
79.445	:	U	:

0.931	:	p1 (V)	:
0.729	:	p2 (V)	:
-0.102	:	p3 (V)	:
99.9051-N	:	UB	:
-01.019	:	U	:

-0.248	:	p1 (W)	:
0.252	:	p2 (W)	:
0.912	:	p3 (W)	:
000.0181	:	WB	:
010.04	:	W	:

R.A. : 13.900
DEC. : 8.750
PM. R.A. : -756.000
PM. DEC. : 281.000
DISTANCE : 2.000
RAD. VEL. : 47.000

q1 (U) : -0.735
q2 (U) : 0.550
q3 (U) : -0.396
dU : 3336.146
U : 79.442

q1 (V) : 0.631
q2 (V) : 0.769
q3 (V) : -0.102
dV : %-1209.99
V : -31.519

q1 (W) : -0.248
q2 (W) : 0.325
q3 (W) : 0.912
dW : 1313.000
W : 43.018

+45.2147

13 54.4 +45 31

54

13 58.2 13.6 +45 3.42

3.8
14
5

14 day

McL-AL -186 +013

10.1 110