

5 06.6 727 58

F 124 1144

HR 1170

1690-243073 -0626  
1690-243073 -0641

24047

10559-0614  
29504

1570-07504  
10564  
08280

500

0500  
1879  
0569  
6516  
1854  
1878  
2010  
1882

149 245 803 2796

2000  
1180  
6559  
2464  
2514  
1093

42

5 06.6 + 27 58

3730A 6.00 + 0.28 + 0.12 5 100 dFO

(-0.045) + 2.1

Bc 8.65 + 0.72 + 0.26 4 100 dG7 12" + 0.03 (+5.4)

Heinrich

Q 321. Apr. 20 8474

+40 - 17 - 3

254 606

a 0.217

$\Sigma \text{mas} = 1.54$

+5.0

+5.3

+5.5

+6.0

~~The photos and m~~

st. pairs decision primarily m/c

Hydrogen

55. 86 18.28 81.20  
NW. 69

Alpha

33167 165 84 5 7.0 746 54 d?FS

HP1668

1700 5.64 + 425 + 0.25 2349

066311

220 172 1300 1130 1576 2.6733

[m] 184 + 43

[G] 516 + 174 / 21.9 + 11.3

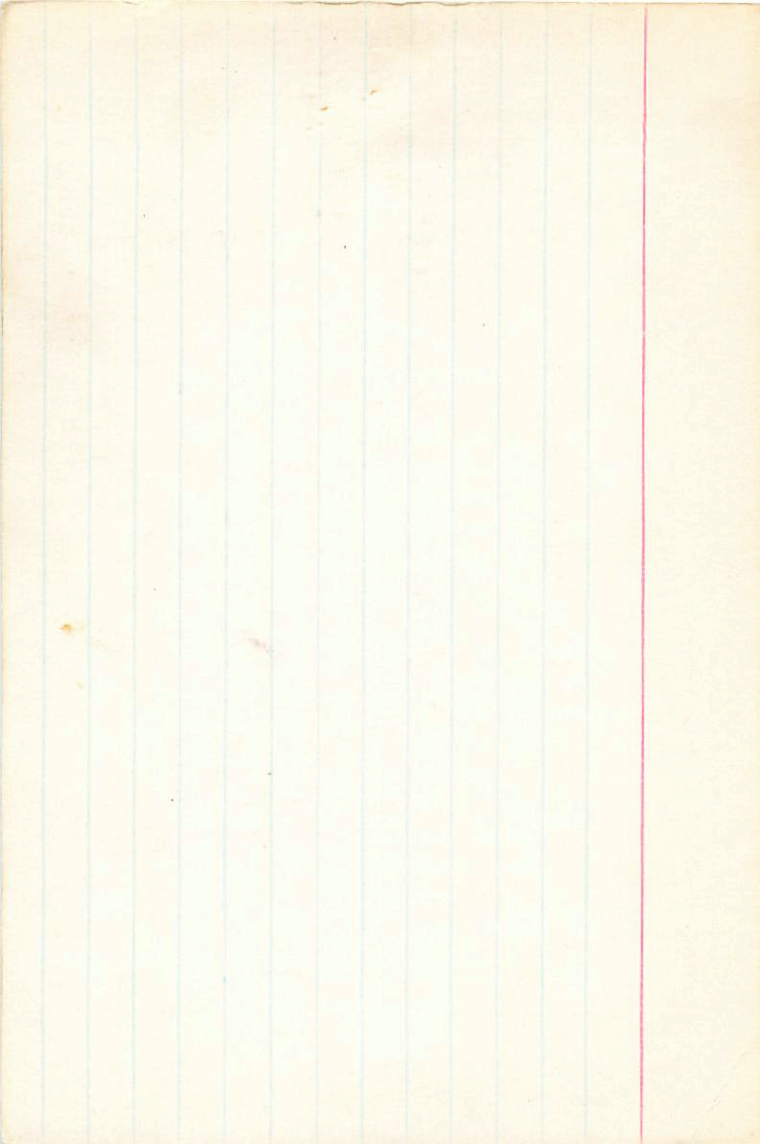
2.57 741 - 14.8 - 5 + 0.061 + 33.4

2.57 741 - 14.8 - 5

HP 1668  
HP 1668

0.574 - 14.8 158.3  
~ 6211

HP? NO  
1105  
2130



33167 5 07.0 +46 54 dF3 +33.48

3063

6311

1668

x<sub>2</sub>  
x<sub>3</sub>  
x<sub>4</sub>  
x<sub>5</sub>  
x<sub>6</sub>  
x<sub>7</sub>  
x<sub>8</sub>  
x<sub>9</sub>  
x<sub>10</sub>  
x<sub>11</sub>  
x<sub>12</sub>  
x<sub>13</sub>  
x<sub>14</sub>  
x<sub>15</sub>  
x<sub>16</sub>  
x<sub>17</sub>  
x<sub>18</sub>  
x<sub>19</sub>  
x<sub>20</sub>

+0064<sup>18</sup> -149 N30  
+0058+2.6 149+2.0 60 → N30

~~05 m per~~

+0057-151-10500+

+0058-1509

+0059-1504

+0055-1504

80

Calculus

+0056-151

05-7-151

0520

613 3149

ALLB-heel

1548

6220-02224

151

M<sub>r</sub> = 1.55

516

022

300

514

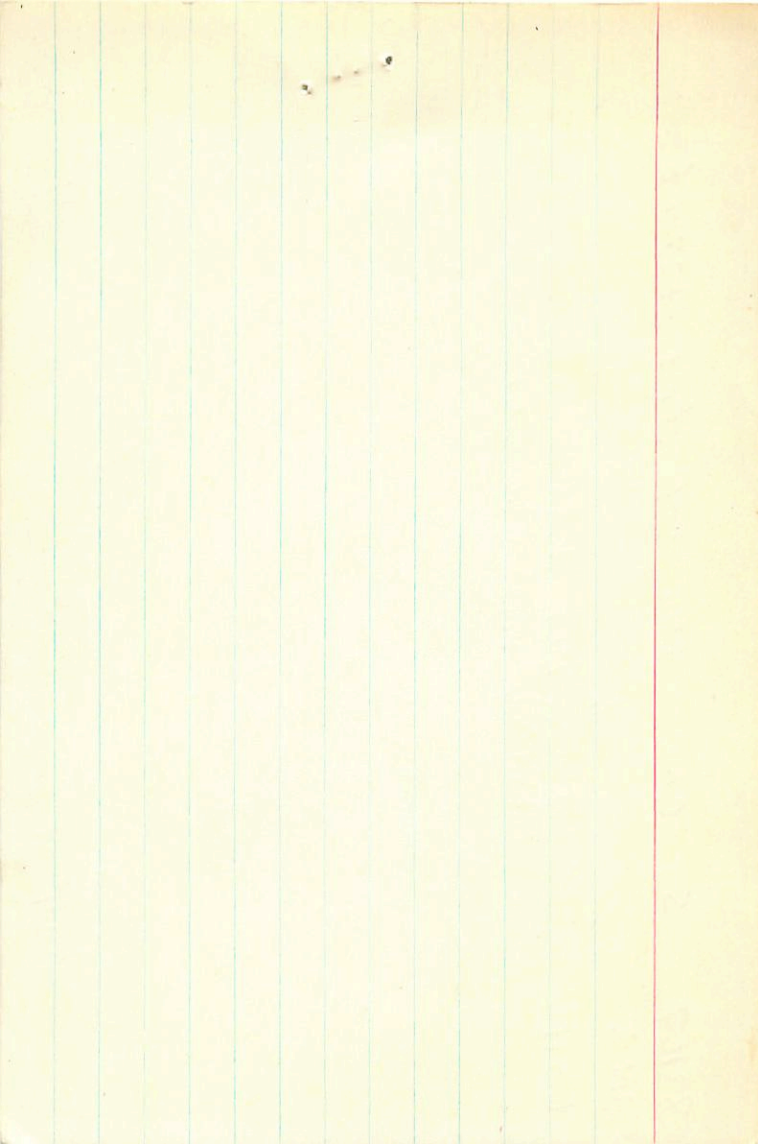
M<sub>r</sub> = 0.00

06

2673

3096

+324



33167 5 07.0 146 SY dF3 133.48

HR166T

5.6

+060 -1506C  
+060 -1506(12)

W3063

27A(29)



973 229 730 693 +064 -150 +33.4 -110 +24 -453  
-052-107 014 -025 -175 5-78 +22.6 +5 +22

$$-2 + 45 + 4 \quad 025$$

$$\boxed{+42 -18 -3}$$

$$0 + 41 + 8 \quad 03$$

$$\boxed{+40 -12 -3}$$

$$25:5$$

$$-2 + 45 + 5$$

$$+42 -18 \rightarrow$$

5



5.100  
46.900  
88.000  
- 151.000  
3.050  
41  
33.400

0.139  
- 0.301  
0.944  
251.118  
41.746

- 0.584  
0.745  
0.323  
- 684.250  
- 17.085

0.800  
0.596  
0.072  
- 219.447  
- 0.519

43

3 0690 + 9 26

2008  
2009

818 048 287  
818 840 287  
2436 - 17/0

542022 248  
01480 111  
00100 347

1244  
64  
-71  
325  
422

1672 3

1600 1600  
1600 1600  
3357

3350 990  
9922 1404

15-PM

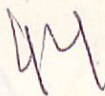
422  
422

R.A. : 5.100  
DEC. : 9.750  
R.A. : 64.500  
DEC. : -7.100  
ANCE : 3.470  
ULUS : 49  
VEL. : 42.100

(U) : 0.139  
(U) : 0.330  
(U) : 0.934  
dU : 30.651  
U : 40.823

(V) : -0.584  
(V) : 0.789  
(V) : -0.192  
dV : -202.578  
V : -18.102

(W) : 0.800  
(W) : 0.519  
(W) : -0.302  
dW : 223.484  
W : -1.676



10/11/42 5 club 49 46

FRY 1142

10430-0071 FUS

W<sup>2</sup> D

FRIL 72

~~10447~~ ~~10449~~ F. 1. 14

3228

100365-0077

~~10444~~  
10446  
10428-0059

10540  
10550-0077

3280 9409  
9422 1404  
-0.30

980 x 026  
3805 9886 0643  
9328 1504 0027

0123 311



16th

33254 S 06.6 +09 44 8.4 ag Ag +37.2-6

3055

48

6300 ✓

+0038 -004 N30

+0012 ± 2.5 -001 ± 2.2 -00 → N30

~~+00302~~

58.5

10 59.8

+00117 -0049 3.8

+43.7

+0676

[+063 -006]





43  
 454  
 5.61  
 49  
 4.57  
 +005645  
 +00750

+000

5

9.174  
 005  
 0035  
 +0020  
 0078  
 993927

276  
 9.903  
 + 67  
 00948  
 +071  
 368  
 13.61

0026  
 0029  
 +0126  
 9410  
 +0024  
 +0073  
 1030 +074

9.090  
 -15  
 9.075  
 9.055

6400

848  
 5.0

8161

6832

-179  
 1.03

8.17



RB

1700.000\*

5.000\*

7.200\*

-73.000\*

-6.000\*

0.026\*

0.070\*

5.600\*

131.826

8.000

0.038

-0.211

42.838

-0.103

-0.807

-26.094

0.022

-0.551

-1.501

45

3056 956  
 2032 256  
 177  
 177  
 62139  
 62139

516  
 203  
 430  
 660-1799  
 900

~~680-717~~  
 +0165

4274  
 178  
 515  
 0177  
 0590  
 013-089

1771-089  
 1771-089  
 1771-089

331 15 75 20 55 78 + 75 15 331  
 + 75 15 331

15.5

66630  
 1771-089

515  
 672 286 229  
 681 729  
 306 215

1771-089

1771-089

13 13 13  
 13 13 13  
 13 13 13

3453  
 1771-089

TOULG453.0

-082-527

55.7588866 TOUL66

TOUL  
33.12 845

2

4064

40007

35.44

55.723  
+28  
-----  
761

33.26  
+12  
-----  
33.38

TOUL5-083

TOUL605 0



1827  
36000

41-78  
11/14

5 25.5 -40 59 +36.4

5.80 023 1.286

121 249 921 2823.

(MB)

AND 095

~~1000 1096~~ PIER

1000 095 1096 1

1011 096

7599  
1500

3384  
9410

10940  
0221

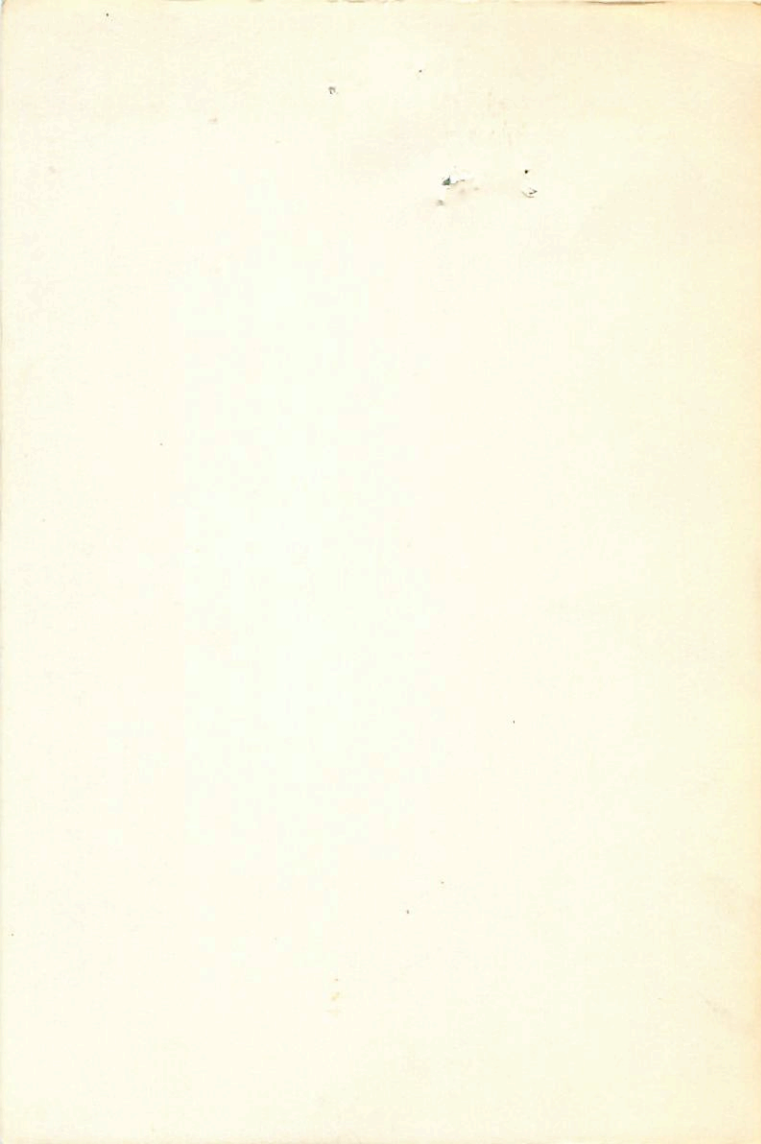
~~14~~ 96  
14.31  
7364

41.40

14.5  
96  
429  
36.4







755

3600 5 25.5 -80 59

+36.4 40

5.86 +.24 (600) A7 M

+0.0010 +.102 N30  
+0.0001 +.093 GC →  
+0.0008 +098

067	938	342	+0028	4357	14585	+22.5	+12.4	+34.9
-556	314	-768	-0235	+1482	+1248	+4.1	-28.0	-22.0
829	189	-542	+0225	+0646	+0871	+4.4	-19.7	-15.3

47

000.00	A
000.10	SEC
000.11	A
000.80	SEC
000.81	SEC
000.82	SEC
000.83	SEC
000.84	SEC
000.85	SEC
000.86	SEC
000.87	SEC
000.88	SEC
000.89	SEC
000.90	SEC
000.91	SEC
000.92	SEC
000.93	SEC
000.94	SEC
000.95	SEC
000.96	SEC
000.97	SEC
000.98	SEC
000.99	SEC

Handwritten initials: *HH*

R.A. : 5.400  
DEC. : -41.000  
R.A. : 14.500  
DEC. : 96.000  
TANCE : 4.290  
DULUS : 72  
VEL. : 36.400

1 (U) : 0.070  
2 (U) : 0.937  
3 (U) : 0.341  
dU : 430.177  
U : 43.442

q1 (V) : -0.557  
q2 (V) : 0.321  
q3 (V) : -0.766  
dV : 117.036  
V : -19.443

q1 (W) : 0.827  
q2 (W) : 0.136  
q3 (W) : -0.545  
dW : 104.901  
W : -12.265

Handwritten signature or initials.

122 Tam 133 203 80 1807 +0034 ± 2.6 -034 ± 2.2  
823 +0030 -041  
37147 5 34.2 +17 01 5.4 AS m +41.16

3462 5.520 20 1.214 +0031 +0030 -040 036-040 38  
-40

6973 9.552 1903.2 +17 0 40.29 1903.3  
1.59

411.1  
34.6  
31.3  
41.88  
40.52  
1.8  
40.70  
40.29  
1.2  
40.41  
42.59  
59.52  
42.17  
1.57  
40.54  
40.69

31.4  
40.70  
40.29  
1.2  
40.41  
42.59  
59.52  
42.17  
1.57  
40.54  
40.69

40.52  
1.8  
40.70  
40.29  
1.2  
40.41  
42.59  
59.52  
42.17  
1.57  
40.54  
40.69

40.29  
1.2  
40.41  
42.59  
59.52  
42.17  
1.57  
40.54  
40.69

42.59  
59.52  
42.17  
1.57  
40.54  
40.69

59.52  
42.17  
1.57  
40.54  
40.69

42.17  
1.57  
40.54  
40.69

+19  
912 204

38  
-40  
411.1

34.6  
31.3

193.46

38  
-40  
8.29  
411

40.60  
-1.28

194.110

1924.24

40.69

40.69



28





AT

..

55.55  
55.55  
55.55

133 203 850 2.507 1.855  
202

5 34.2 + 17.01 AS

1905

37147

~~7502807~~

5.55 40.22 40.08 Eggs -

6973 pub

133 203 850

12500

130

Bud 51

~~134~~

4043-035

0554  
0012

BR -64

2713

0554

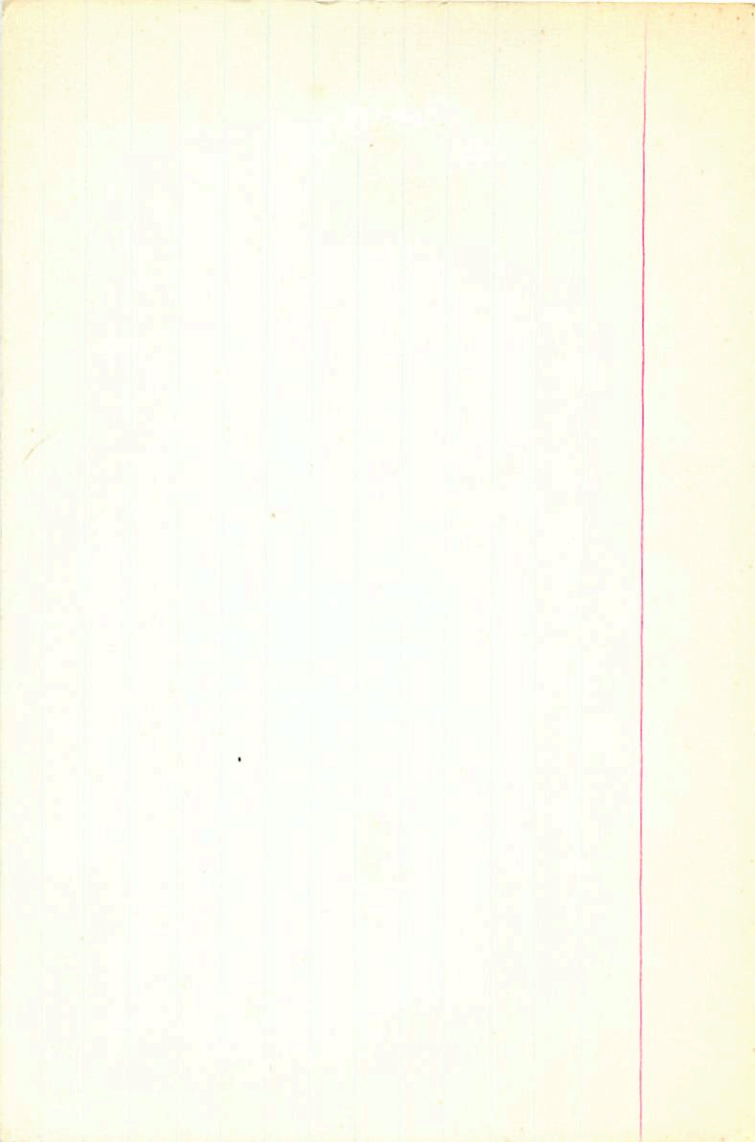
0.25

9025-6483

0012

0.213

3.36



2099

5 53.7 -52 39

40242

77 947

-5019 236

-012 236

17 21 243.574  
282.5 / 129

8614	1505	} 237 057
5076	9586	

49

5.700 :  
52.400 :  
8.800 :  
8.800 :  
8.800 :  
8.800 :  
8.800 :

440.0- :  
880.0 :  
880.0 :  
880.0 :  
880.0 :

880.0- :  
880.0 :  
880.0 :  
880.0 :

880.0 :

DEC.  
PM. P.A.  
M. DEC.  
DISTANCE  
MODULES  
AD. VEL.

PI (U)  
PI (U)  
PI (U)  
PI (U)  
U

PI (U)  
PI (U)  
PI (U)  
PI (U)

PI (U)

R.A. : 5.900  
DEC. : -52.650  
PM. R.A. : 0.000  
PM. DEC. : 0.000  
DISTANCE : 0.000  
MODULUS : 10  
AD. VEL. : 0.000

q1 (U) : -0.044  
q2 (U) : 0.988  
q3 (U) : 0.146  
dU : 0.000  
U : 0.000

q1 (V) : -0.504  
q2 (V) : 0.104  
q3 (V) : -0.857  
dV : 0.000  
V : 0.000

q1 (W) : 0.862  
q2 (W) :



6 00.5 757 35

71203

40873

26702

00060 -415 FAS (E)

00060 -415 FAS 20/79

006-415

00060 -415 FAS 20/79

0164

0419

7117 1455

7025

5593

045

045

100190 985 2823

0428

1510

3893

025  
645

00543

125 0050 124  
5088

50

Handwritten notes on a piece of paper, possibly a page from a book or a notebook. The text is written in a cursive script and is mostly illegible due to blurring and the angle of the page. Some faint words like "The" and "and" are visible.

000' 0

M

000' 0

MP

442' 0

CM

000' 0

CM

000' 0

CM

000' 0

n

000' 0

MP

CM

3.3 44 45.5  
2.84 30 45.1

2.81

+260

39 Ave

DATE + 34.18

1402132

1882

5.9

6/9

-035

-1466

41074

1882

214

168

-033

-147

W3806

Camby

1882

1984

1984

1984

1984

450

150

2.44

1984

1984

1984

1984

1546

1494

154

53

250

53

53

6002-1730

7449-9849

179

15.49

92.1

-146

-150

1496

118

841

2390

1362

0424

1496

118

841

2390

1362

0424

1496

118

841

2390

1362

0424

1008-150

27.5

12.74

61.89

1550

157

-042-150

414

19.1

6446

1550

157

1 0 682731 -034 -144 +34.1 -100 + 23 -507

034 100 00 161 474 +24.9 0 +25

+6 +44 +3

+40 -14 -11

+8 +49 -2

+42 -19 -16

+41 -17 -13

025

02

0225

5

P.A.  
DEC 2.889

P.A.  
DEC 43.889

P.A.  
DEC 57.889

P.A.  
DEC 138.889

P.A.  
DEC 3.289

P.A.  
DEC 45

P.A.  
DEC 94.109

P.A.  
DEC 41.887

P.A.  
DEC 10.242

P.A.  
DEC 8.409

P.A.  
DEC 185.887

P.A.  
DEC 42

P.A.  
DEC 10.403

P.A.  
DEC 3.882

P.A.  
DEC 3.882

P.A.  
DEC 3.882

R.A. : 6.000  
DEC. : 43.000  
R.A. : -57.000  
DEC. : -150.000  
STANCE : 3.290  
MODULUS : 45  
VEL. : 34.100

q1 (U) : -0.067  
q2 (U) : -0.242  
q3 (U) : 0.968  
np : 185.002  
U : 41.429

q1 (V) :  
q2 (V) : -0.493  
q3 (V) : 0.852  
np :  
U :



7.04 245 154 571 1.06m  
16.8 56.2 (513)  
0.36 6 (239) 39.1

528.6

+ 8 8 57

- 1017 ± 44 - 091 ± 3.6

47882  
9945

2621 999  
3340 17

789128

(2215) 2622 (2159) 3180

APR 19 11 10 AM '91  
APR 19 11 10 AM '91  
APR 19 11 10 AM '91

7  
- 00130 - 0842 W 3 50  
- 00100 - 1856

0909  
1509

0910 - 0160

5392 - 120

880-088  
- 017-110

6422 - 992

1536 1911

5600  
0096

APR 19 11 10 AM '91  
APR 19 11 10 AM '91  
APR 19 11 10 AM '91

5020

54  
4610

52



PM

DEC.

DEC.

DEC.

DEC.

DEC.

DEC.

DEC.

DEC.

DEC.

DEC.

~~94548~~

50643

2566

-18.1584

809023

-025

23078

998 3514  
2/2/22

6.14 075 233 1.035 0.2855

+1.35

6 5.11

-75 52

6.14

Am

-009±90 +02±8.7

10.350 11

14.13 98.7

+400

7.717 — 38.80 — 11.49

529  
619

7.541 — 64.82 — 6.907  
11.81

74

5.53

84

46.95

471.5

2.400  
33  
633

4505

11.77  
11.69

4474  
8988

-2640  
9648

0004

76 469

-0132

-009 +033

048.4

+408

+0.80 30.90

108.62

10.250  
11

-0019530

+024787

-0004

+034

+0004

+031

493

-00064326

1418  
15.21  
1418  
15.21

4.259

3462

2464

51622

~~0005~~ +032

4562

7.591  
498  
17.81

-00037 +031

1358  
1.17

483

-0652

1745  
+44  
1244

+28

38.52

10.94

13.92

+28

-21

464

1413

5

DEC 19.850  
DEC 8.000  
DEC 8.000  
STANDE 8.000  
ADJUS 8.000  
VEL 0.000

01 U  
02 U  
03 U  
04 U  
05 U  
06 U

01 U  
02 U  
03 U  
04 U  
05 U  
06 U

R.A. : 6.850  
DEC. : -18.850  
l. R.A. : 0.000  
l. DEC. : 0.000  
STANCE : 0.000  
MODULUS : 10  
). VEL. : 0.000

q1 (U) : -0.258  
q2 (U) : 0.728  
q3 (U) : 0.635  
dU : 0.000  
U : 0.000

q1 (V) : -0.381  
q2 (V) : 0.528  
q3 (V) : -0.759  
dV : 0.000  
V : 0.000



9177

7 02.5 ✓

-42 16

9288

DA Unit

110

PK15

10078 10716

121

10087 10716

483

1538 865 12009

7610

-2241

0718

6487

9953

1073

154



Wt

0.000

0.000

0.000

MS

2012

2700

7

082

24 56

108487

016

183

1095

2835

10166-0365 FND (E)

1022-036

3520 - 4945 } 0921  
9200 - 8692 } 0013

0386

1011

99 11/11

56

Handwritten notes on a piece of paper, including the letters "MP" and "M" written vertically on the right side.

MP

M  
MP  
(M)  
(M)  
(M)

..	7.150
..	26.950
..	0.000
..	0.000
..	0.000
..	10
..	0.000
..	-0.323
..	0.062
..	0.944
..	0.000
..	0.000
..	-0.337
..	0.925
..	-0.176
..	0.000
..	0.000
..	0.884
..	0.375
..	0.278
..	0.000
..	0.000

55



252 - 0000 + 072

HR2666

02.5 - 12 16 42 + 22.58

~~W452m~~

5.26  
75  
6.00

-021 + 06366  
-013 + 005N  
-022 + 0677  
-019 + 045

11 SpB

12  
-0012 + 065 N30

53704

46526

-0015 ± 3.4 + 063 ± 3.2

9342

174(12)

over  
1004

0007  
0007  
+1.8

7597 - 2046  
6503 4798

00055 + 0716 (FKS)

0610 - 2211 0710  
6487 928

0046  
506  
24  
5.74  
0096

00081 + 07816

5.10 2823 4488

5.00

963-269-672 241-015+065+225-044-19 227  
2007 2002 4328  
11 4238

016 012 005 012 025 223 207 - 6 + 20

022 019+3.4 1063+3 2 - 5 + 31 - 6

02  
01

3 + 2 + 3  
15447 15447  
15 15  
1000 1000  
1000 1000

**4-11-38**

3 + 45 + 6  
143844 143844  
17 17

09

4317-2

436  
422  
475

4455  
+ 325

155542

4441

422  
444  
17

4185+0673  
40170

4010  
4010  
4010

433  
- 068

4267  
403

452  
- 7  
463

430  
403  
27.617

415  
4  
27.609

2 Sp?

2666 } 02.3 -42 15 Am

H122  
H120

53704  
9342

5.20 + 21 (+14.5) C

4/15/84

974 2844

5.19 164 230

5720  
H113  
-DID (see) H113

955

955

H107  
cut

(100 227 978 285)  
H114

H114  
cut

Quail

2845  
2835  
2835  
448  
448  
4475

284  
448  
5.10  
H114

H114  
H114  
H114

154 230 974 2449

621 097 243 987 2542

2

5.21 100 236 945 2443

11.65 95

all



+41.6

-17.9

-2.9

7.050

-42.250

-24.000

68.000

3.100

105

HR

27.900

002702 - 1003 20871 32-56

0005-0226 0007-014

64 Yen 59037 7

26.2 + 28 13  
-0024 -060

+35.4 8

2857  
5997  
4980

5.04 + 0.41 + 0.12

-037-057 6

Supp 1485 + 38(4)

A6 8 -045-000 2

YR 71 + 105 + 27(3)  
Lith 16 + 506 + 25(3)  
Mullage 374

13.662 1902.1 + 28 13 22.76  
46 + 5.56 3.94 1844.4  
-75

-042-060

6A(28) 40.154

6.55 1427.00  
95

46 35  
32.7

0026-0595 33.576 2

25.60  
-1.58

0026-0583 13.733 5

24.02  
24.19

0370 .697 4

482-6074  
8984-7343

24.30  
-0.55

024  
6000

037-057 40.122  
355.701  
13.733 6/6

0678 0159  
0083 399  
+ 155 + 408

192.50

485-6081  
0896  
27935

13.733 6/6

25.58  
23.123

0896  
27935

530-367 473 08 | -027-059 1354 -028 +17 -246

039 026 014 010 157 194 +312 -11 +29 021

-5 +38 +5

+35 -15 +1

015

1081

-2 +42 +1

+37 -15 -5

-6 +35 +9

03

+35 -12 +3

15





DEC 8 '68  
 9.000  
 0.000  
 38.500  
 2.020

065 009 02  
 914-106-090555  
 -071+015+46.0-010-3 071  
 03

34  
 45.0  
 36  
 4.55

R.A. : 7.550  
 DEC. : -4.000  
 PM. R.A. : 0.000  
 PM. DEC. : 0.000  
 DISTANCE : 0.000  
 MODULUS : 10  
 AD. VEL. : 0.000

q1 (U) : -0.406  
 q2 (U) : 0.536  
 q3 (U) : 0.740  
 dU : 0.000  
 U : 0.000

q1 (V) : -0.275  
 q2 (V) : 0.700  
 q3 (V) : -0.659  
 dV : 0.000  
 V : 0.000

q1 (M) : 0.872  
 q2 (M) : 0.471  
 q3 (M) : 0.137  
 dM : 0.000  
 M : 0.000

58

-008 169 1071085 25.2  
65900 316/7 58.6

-0026 ± 3.8 + 007 ± 3.5 247.0  
+001  
5.700.2. A0 + 46.1.6

5334  
3621  
35240

-015 -0020 +005 - +0.74  
-028 -0020 +003

10865  
9156  
357  
117  
35257  
252  
252

1905.1 75 01 7.21 1906.6  
-0020  
-0020

8951  
112  
9931  
8.0  
+5.11

74.4 4.35  
6.91  
6.45  
15  
6.80

345  
+5.5

1932.7

35279  
+2.6  
3.05

6.81 1938.80  
+2.5  
7.0  
35.8

89  
+46.1

29.2

mod 5.15  
979 3961  
1108 9939

25.208 6604 7.34  
+29  
2.24

15 = 0030  
2 = -0016

7.07

1108 9939

7.07

866 - 500

0 1

-038

0

446.1

-030

033 0 019 0

154 090

-2.0 35.0

-23.0 + 39.9 0

-11.1 -17.9

-7.4 48.9

20.0 -6.5

-0.6 41.0

-3.6 -21.9

6.4 -8.0

8286

7

58.4

5+

10

A0

00659

00865

2500 1001 641 800-

$$\begin{array}{r} 5882 \\ - 5882 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 179 \\ - 179 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 1062 \\ - 1062 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 358 \\ 1054 \\ \hline 1412 \\ 1412 \\ \hline 0 \end{array}$$

555  
 480  
 200 + 300  
 200 + 300

8130  
 8130  
 030  
 8130

027 1004  
 020-

49.24  
 49.24

5.5  
 5.5

11.5  
 11.5

24.4  
 24.4

$$\begin{array}{r} 11.1 \\ 11.1 \\ \hline 22.2 \end{array}$$

$$\begin{array}{r} 87.8 \\ - 87.8 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 58.0 \\ - 58.0 \\ \hline 0 \end{array}$$

4.5  
 4.5

15  
 15

8.000  
5.150  
-24.500  
5.500  
5.900  
151  
46.100

-0.494  
0.417  
0.763  
68.047  
45.466

-0.202  
0.799  
-0.567  
44.133  
-19.457

0.846  
0.434  
0.311  
-86.482  
1.242

59

89  
~~4726~~  
437  
87  
4005

249  
312

Blank lined paper with a small tear on the left side.

137 424  
 137 437  
 137 488

1188  
 1000  
 1888

101 101

101 101 101 101

150  
 96 101  
 459  
 190

146  
 147  
 130

1463

2811  
 126 199 844  
 278 20

101 101  
 101 101  
 101 101

8 438 75 34 190

8.000  
 5.000  
 -34.500  
 5.500  
 5.900 5.2  
 151.34 109.64  
 46.100  
 - 7.2  
 -0.494  
 0.419  
 0.762  
 91.457  
 48.958  
 44.47 #45  
 -0.202 #41  
 0.797  
 -0.569  
 53.617  
 -18.118 -20  
 -11.37  
 0.846  
 0.435  
 0.310  
 -126.410  
 -4.854 0  
 -6.67

59

33.6  
 -16.0  
 -0.1

60



12090

+187

603 123 155 84 2.507

75171

8 43.8 -65 39 79 18.5 40

F=01159

225 821 +0.06

6.04 +0.21 (1.57)

01015 +1009 P105

344

00

-0109

+098 1230

-0105

+094 029

-0107

+096

9720 -5750 1188

2352 8153 -0100-0071

-39 -054

0123

4.56

-112-1096

-63 +101

207

169

+2.05

11

6

3498

8

938

-65

39 AVE

105L

01618 41224 F05-2  
 0126 9290  
 0126 9290  
 0126 9290

974 -5789  
 234 8154  
 1811 1092

62

44  
424

R.A. : 8.700  
DEC. : -65.650  
PM. R.A. : 0.000  
PM. DEC. : 0.000  
DISTANCE : 0.000  
MODULUS : 10  
RAD. VEL. : 0.000

q1 (U) : -0.618  
q2 (U) : 0.764  
q3 (U) : -0.185  
dU : 0.000  
U : 0.000

q1 (V) : -0.082  
q2 (V) : -0.297  
q3 (V) : -0.951  
dV : 0.000  
V : 0.000

62  
q1 (W) : 0.782  
q2 (W) : 0.573  
q3 (W) : -0.246  
dW : 0.000  
W : 0.000

Sp. B. P = 11/d  
-0031 + 3.1 - 068 + 2.5  
-0040 - 063

5400  
656224 7 58.5 +57 2.5 6.5 d/F 8 +25.86  
5333 (319) 403 200 +57 284 -0040 -065

10864 32.228 1894.0 +57 24 50.91 1880.0

4K  
174  
402  
8094 -4848 0713 330  
5972 -8745 -0040 +855

13.5  
29.82  
2.450  
42  
32.170

57.16  
32.113 50.88  
224 -10  
147 50.6

32.164  
32.156  
156  
2.335  
16

32.113 50.88  
224 -10  
147 50.6  
32.164  
32.156  
156  
2.335  
16

32.113 50.88  
224 -10  
147 50.6  
32.164  
32.156  
156  
2.335  
16

32.113 50.88  
224 -10  
147 50.6  
32.164  
32.156  
156  
2.335  
16

32.113 50.88  
224 -10  
147 50.6  
32.164  
32.156  
156  
2.335  
16

0713  
0092  
5.14  
70.98  
35.5  
55.5

0713  
0092  
5.14  
70.98  
35.5  
55.5

0713  
0092  
5.14  
70.98  
35.5  
55.5

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5.14  
70.98  
35.5  
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70.98  
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5.14  
70.98  
35.5  
55.5

0713  
0092  
5.14  
70.98  
35.5  
55.5

8 2.6 + 57 16

649  
774

403 200 298 2.559

~~50~~  
~~50~~  
520  
88  
~~50~~  
549  
16  
7.25

(321)

(315)

449

322

221

2.97

918

+ 822

63

83

THE  
MOUNTAIN  
VIEW  
CAMP  
MICHIGAN  
MAY 10 1891





23

18. 102  
 112. 818  
 8. 528  
 8. 829  
 8. 849  
 - 4. 758  
 - 384. 792  
 8. 886  
 8. 935  
 - 8. 218  
 22. 814  
 34. 515  
 8. 888  
 18. 353  
 18. 485  
 25. 888  
 48  
 8. 888  
 - 78. 888  
 38. 888  
 48. 888  
 7. 888

22

27

5,100	:	R.A.	1
28,800	:	DEC.	2
0,000	:	R.A.	3
0,000	:	DEC.	4
0,000	:	FINANCE	5
10	:	DULUS	6
0,000	:	VEL.	7
0,139	:	1 (U)	8
0,051	:	2 (U)	9
0,990	:	3 (U)	10
0,000	:	UB	11
0,000	:	U	12
0,584	:	1 (V)	13
0,000	:	2 (V)	14
0,004	:	3 (V)	15
0,000	:	UB	16
0,000	:	U	17
0,000	:	1 (W)	18
0,007	:	2 (W)	19
0,152	:	3 (W)	20
0,000	:	WB	21
0,000	:	W	22

5.100	R.A.	:	
28.000	DEC.	:	
0.000	R.A.	:	
0.000	DEC.	:	
0.000	TANCE	:	
10	DULUS	:	
0.000	VEL.	:	
0.139	1 (U)	:	
0.021	2 (U)	:	
0.990	3 (U)	:	
0.000	DU	:	
0.000	U	:	
-0.584	1 (V)	:	
0.809	2 (V)	:	
0.064	3 (V)	:	
0.000	DU	:	
0.000	V	:	
0.800	1 (M)	:	
0.587	2 (M)	:	
-0.125	3 (M)	:	
0.000	MP	:	
0.000	M	:	

*Handwritten signature*

R.A. DEC. 7.450  
R.A. DEC. 38.288  
R.A. DEC. 0.888  
R.A. DEC. 0.888  
R.A. DEC. 0.888  
R.A. DEC. 10.888

AD. VEL. :  
DISTANCE :  
MODULUS :  
P1 (U) :  
P2 (U) :  
P3 (U) :  
DU :  
U :

P1 (U) :  
P2 (U) :  
P3 (U) :  
P1 (U) :  
P2 (U) :  
P3 (U) :  
P1 (U) :  
P2 (U) :  
P3 (U) :

R.A.	:	7.450
PM. DEC.	:	28.200
PM. R.A.	:	0.000
PM. DEC.	:	0.000
DISTANCE	:	0.000
MODULUS	:	10
AD. VEL.	:	0.000

q1 (U)	:	-0.386
q2 (U)	:	0.055
q3 (U)	:	0.921
du	:	0.000
U	:	0.000

q1 (V)	:	-0.291
q2 (V)	:	0.940
q3 (V)	:	-0.178
dv	:	0.000
V	:	0.000

25 Mar

(810)

289 kg

267

tl.1

61064

7

348

-04

00

FS

+16.0 a

HR 2527

5.2

-069 +017 C

25 Mar

800

26

5.2

-069 +012 N

61064

-0046 +012 N30

5082

-0046 ± 1.6 +017 ± 1.5

10217

3448 - 8545 0643

15000

-0488

PR

9387 5195 0245

15000 + 10051

-0488

0669 0643

15000

-067.9 +0168

0226 0246 +15.5

15000

-067.9 +0168

0234 0246 +15.5

15000

-067.9 +0168

0234 0246 +15.5

15000

-067.9 +0168

0234 0246 +15.5

15000

-067.9 +0168

0234 0246 +15.5

914-1106-~~090555~~ 34  
45.0  
315

065 009 025 004 259 175 446.0 -19 442

36  
4.75

-071+015 446.0 -010 -3 071

-9 +15 -1

03

-13 246 -2

05

-5 451 0

02

58





R.A. : 7.550  
DEC. : -4.000  
PM. R.A. : 0.000  
PM. DEC. : 0.000  
DISTANCE : 10  
MODULUS : 0.000  
RAD. VEL. :

q1 (U) : -0.406  
q2 (U) : 0.536  
q3 (U) : 0.740  
dU : 0.000  
U : 0.000

q1 (V) : -0.275  
q2 (V) : 0.700  
q3 (V) : -0.659  
dV : 0.000  
V : 0.000