

\$9427

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48.5 -4343

+30

-21

18.73 410 228.280, (4)

8.72 410 217 264 (2)

413 214

412 220 271

-22

6900

321 222
NE 1st

24 147.9 +13 1818 8.0

24 147.9

24 222

54 X'lini 2047

5 57.4 +20 16 -13.5a

14R2047

4.41 +0.59 +0.07 M

606

2047

W3663

4.41 +0.59 +0.06 JK

-185-087 GC
-189-081 ~~GC~~

~~10855~~

99A (00)

+0121-087

104M(100)

01327-0853

185 90

panther hunter richmond hunting in W 390

-0135-0875 GC+

1965 36 0708

-01365-086

1965 36 0708

-192

1866
1875
1875
1875

-192-086-130

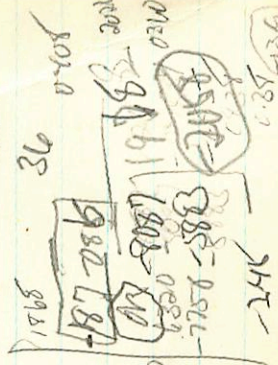
085-0854
-7758-583

1965 36 0708

6354-7704-044 -5939 087

6354-7704-044

016



999 038 347 938 -187 -084 -13.5 -031 -4.7 -374 ✓

187 031 -007 -001 891 114 -12.7 -0⁵ -12.7 078

$$\begin{array}{r} +3.9 -12.1 -4.9 \\ -12.5 +3.6 -36 \end{array} \quad .12$$

$$\begin{array}{r} +12 -12 -10 \\ \boxed{-15 +3 -14} \end{array}$$

$$\begin{array}{r} +9 -12 -9 \\ \boxed{-13 +2 -10} \end{array} \quad .105$$

$$\begin{array}{r} +8.4 -12.3 -5.4 \\ \boxed{-13.1 +3.0 -9.4} \\ -14 +3 -12 \\ \hline -12 +3 -14 \end{array} \quad .1$$

$$\begin{array}{r} +6.5 -11.8 -7.8 \\ -13.4 +2.4 -7.3 \end{array} \quad .120$$

$$\begin{array}{r} +7.8 -11.4 -5.4 \\ \boxed{-13.2 +3.6 -8.9} \end{array} \quad .11$$

39587

5 51.4 +20 16

HP2047

4.40 +60 +07 8

GC7419

171 405

54052

117

380 ~~495~~

207

200 ~~202~~ 2599 SH 64

[m₁] 261 +16

64

[c₁] 231 -40

0.00 -13.6 +3.2 -5.2

1130 -083

-30 +119 -583

183

6441

- 7592

2649

6505

505

103

DEC. : 28.258
PM. R.A. : -197.000
FM. DEC. : -88.000
DISTANCE : -0.138
MODULUS : 0
RAD. VEL. : -12.288

p1 (U) : -0.033
p2 (U) : 0.121
p3 (U) : 0.288
qU : -0.138
U : -12.288

p1 (V) : -0.218
p2 (V) : 0.048
p3 (V) : -0.148
qV : 188.812
V : 2.824




p1 (H) : 0.288
p2 (H) : 0.288
p3 (H) : -0.048
qW : -0.138
W : -8.258

PM. R.H. : 17.0000
PM. DEC. : -83.000
DISTANCE : -0.130
MODULUS : 9
RAD. VEL. : -12.500

q1 (U) : -0.033
q2 (U) : 0.151
q3 (U) : 0.988
dU : -31.033
U : -12.642

q1 (V) : -0.510
q2 (V) : 0.848
q3 (V) : -0.146
dV : 108.812
V : 2.854

 q1 (W) : 0.860
q2 (W) : 0.509
q3 (W) : -0.049
dW : -945.495
W : -8.290

X Qui 5 57.4 + 20 16

2007 2 29 194 307 2.599

384 100 328 317

-0130 -083 Carthy 1213 12.5

24236
19234
19204

-183 -000

18 -1950

675

~~6583~~
~~2858~~

~~7684~~ 193

-6436

3708

6848 -8232

7207 -5778

1981 -86

-198

-83

104

R.A. :
DEC. : 2.920
R.A. : 28.220
DEC. : 0.000
STANCE : 0.000
MODULUS : 0.000
VEL. : 10
0.000

P1 (U) :
P2 (U) : -0.038
P3 (U) : 121.0
UB : 0.268
U : 0.000
0.000

P1 (U) :
P2 (U) : -0.212
P3 (U) : 0.848
UB : -0.148
U : 0.000
0.000

10/1

R.A.	:	5.850
DEC.	:	20.250
R.A.	:	0.000
DEC.	:	0.000
STANCE	:	0.000
MODULUS	:	10
VEL.	:	0.000

q1 (U)	:	-0.033
q2 (U)	:	0.151
q3 (U)	:	0.988
dU	:	0.000
U	:	0.000

q1 (V)	:	-0.510
q2 (V)	:	0.848
q3 (V)	:	-0.146
dV	:	0.000
V	:	0.000

104

5.71 -

42 74

00.6

76

-139

406 47

120 474

182 552 954 868

99266

950-4100

1553

150-441

114 -56

2.77

5.71

105

Handwritten scribbles at the top of the page.

Handwritten text on the right side, possibly "B 2011".

Handwritten text on the right side, possibly "A 2011".

1/11/11

1/1

be-

1/11

Handwritten text in a box, possibly "1/12 2/10 3/20".

Handwritten text in a box, possibly "1/12 2/10 3/20".

Handwritten text, possibly "1/11 1/11".

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Handwritten text on the right side, possibly "1/11 1/11".

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Handwritten text on the right side, possibly "1/11 1/11".

Handwritten text at the bottom left, possibly "1/11 1/11".

1836.0	343	336	1h			
1835.5	352	2.55	8 Ia			
1881.2	11	2.46	2 T4	1877.75	8	2.46 (9)
1897.0	33	1.92	3 T4	<u>1859.0</u>	32	1.88 (13)
1900.2	40	1.77	4 T4	<u>1801.6</u>	41	1.84 (10)
1901.0	40	1.67	2 I	1915.2	59	1.63 (7)

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6.050
-48.450
-166.000
-29.000
1.000
14.100

2x 24.50

-0.078
0.973
0.216
-92.850
0.924

0.8

-0.407
0.152
-0.860
233.152
-6.787

6.4

106

0.070
0.173
-0.463

41330 6 2.8 +3.5 24 d60

192

HR2141

GC7713

R0309 14.6
28

14.8 (20)

92

[M] 244 +23

[C] 259 -13

1374 182 1334 (2) 5PC 2.588 (3) C+

6.12 389 161 348 (20)

378 140 (241) -6

ambush -7 ~ 22 - 28

-010N-246

-122-296

-750

246

1.66

-14.8

-0103756 -306549

³⁰⁰

-1128

477.826

1405.4

-0097-303

44.60

15.30

~~48.281~~

50

472.822

+26

848

-437

4974

1952.11

-14

49.60

800 41
800 41
800 41

60369
+25.8
+27.1 (w/6)

-45.02
-55.05
+05

215
6 03.0
6 03.2

6012-E
6.42
+53

2.61
2.41
5.22

6.34
4.66
2.54

3.26
2.50
2.56

314(10)
436(15)
356(31)

7.89
14.070
11.09

10.997
1541.02

2.074
-14

-005B
-0086
+2.44

9.91
+9
9.09

2.000
-3.306

2.58
+2.44
+2.54

6.0
-085
080
2.59

120
259.185
14.04
15.52

11.09
11.09
11.09

-088

A 5.92 + 0.49 (1.60) = 4.42
B 6.34 + 0.53 (1.62) 8.08 - E

m-M=1.68

→ m-m=1.68

108

315 158 221 268 284
315 158 221 268 284
315 158 221 268 284



Faint, illegible text visible through the paper, likely bleed-through from the reverse side. The text appears to be organized in columns and rows, possibly a list or table.

Handwritten mark or signature in the bottom right corner, possibly initials.

6.858
- 45.888
- 129.888
243.888
1.788
22
26.588

- 8.878
8.958
8.275
1137.778
32.167

- 8.487
8.284
- 8.849
444.987
- 12.778

8.878
8.288
- 8.451
- 145.587
- 15.124

108

108

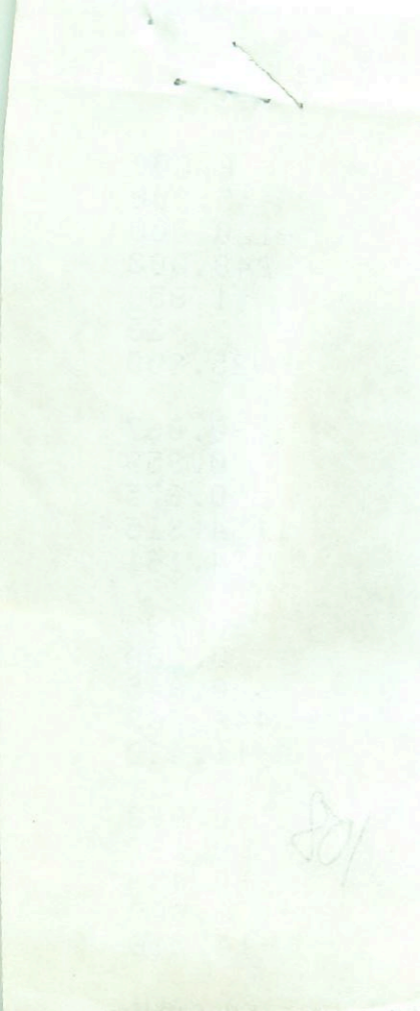
6.800
- 45.000
- 113.000
259.000
1.850
23
27.100

- 0.867
0.959
0.275
1292.750
35.654

- 0.493
0.280
- 0.845
442.051
- 12.535

108

0.860
0.192
- 0.459
- 92.632
- 14.600



6.000
 -45.000
 -120.000
 248.000
 1.850
 23
 25.000

-0.067
 0.959
 0.275
 1154.325
 34.151

-0.493
 0.200
 -0.845
 442.763
 -11.420

108

0.868
 0.192
 -0.459
 -123.909
 -14.716

A.	:	6.050
C.	:	-45.050
A.	:	-116.000
C.	:	243.000
CE	:	1.880
US	:	24
L.	:	26.400
U)	:	-0.078
U)	:	0.959
U)	:	0.274
NP	:	1134.610
U	:	34.194
V)	:	-0.487
V)	:	0.203
V)	:	-0.850
dV	:	422.677
V	:	-12.385
(W)	:	0.870
(M)	:	0.200
(M)	:	-0.451
MP	:	-107.758
M	:	-14.461

108

479.7 (8)

01302

233

969 887 376

42250 10.3 +20 48 d67 t25c

W3924 44 980 2.6 743 +021 = 474 66
 667417 62512 1036 -435 602
 +70035 50376 -1217 +004 ± 7.5 -444 ± 10.6 +001 -440
 50376 1005 602.602

17847 6.1 1344 9.0
 $\frac{1626}{17847} = 0.091$
 $\frac{620}{644} = 0.96$
 1.552 1.47 1.52 1.47

64.78
 8035-444
 -017-444

9014 0721 032 20 444 447
 4330 4974 17603 10.31
 295 623 10.26
 0515 1.94

5706
 10.31
 10.26

9014 0721 032 20
 4330 4974 17603
 295 623
 0515 1.94

949-046 944 329 +001 -440 +25 415 +24 -687

0 415 0 019 -000 1.946 +8.2 0 +8

-2 +47 +10

05

+46 -13 -1

055

-2 +44 +11

+44 -13 0

06

-1 +41 +12

109

R.A. : -52.000
DEC. : -444.000
ANCE : 2.210
ULUS : 28
VEL. : 19.700

1 (U) : -0.101
2 (U) : -0.662
3 (U) : 0.743
dU : 1401.579
U : 53.410

1 (V) : -0.475
2 (V) : 0.688
3 (V) : 0.549
dV : % -1409.675
V : -28.193

1 (W) : 0.874
2 (W) : 0.297
3 (W) : 0.384
dW : -695.804
M : -11.690

109

Calcd

42286 6 05.4 -59 32 ROZ

Not yet

$\mu(F)$ $\pi(pt)$
+5.49 0.040
744

²⁹⁵
8.45 + 0.83 + 0.435 (2)

7.80 + 0.355 (2)

$\Delta(B-V) + 0.15$

$\Delta(U-B) + 0.36$

-414
1075

+254
2.0

M V W

-76.0 -10.9 -37.7

-30 +5 -10

+25.4 -0.187 -0.661

110

P.A. : 1.105
DEC. : 1.105
P.A. : 1.105
DEC. : 1.105

STANICE : 1.105
DOLLUS : 1.105
P.A. : 1.105
DEC. : 1.105

P1 CU : 1.105
P2 CU : 1.105
P3 CU : 1.105
P4 CU : 1.105

P5 CU : 1.105
P6 CU : 1.105
P7 CU : 1.105
P8 CU : 1.105

10
11
12
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18
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R.A. : 6.100
DEC. : -59.550
R.A. : -424.000
DEC. : -752.000
STANCE : 2.300
JDULUS : 29
VEL. : 25.400

q1 (U) : -0.090
q2 (U) : 0.996
q3 (U) : 0.024
dU : % -3457.547
U : -99.097

q1 (V) : -0.481
q2 (V) : -0.022
q3 (V) : -0.877
dV : 567.600
V :
110