HD 114085 13 05.9 −7 03 +73.8

−6°3742

8.36 + 94 + 56

04 12
27 C 7
011 ±7

5.00

−.214 +071 C/R
−211 +109 Y
−1 −1
−210 +98
+1 +3
−209 +101

−218 +108

Slightly low
CH*
Go

13.100
-7.050
-212.000
86.000
5.000
100
73.800

-0.818
0.442
-0.369
995.576
72.318

0.572
0.697
-0.433
-286.192
-60.598

-0.066
0.565
0.822
290.000
90.287

+15 82040 Antonius Mg. IR ← -25.1 4W

52.1 +17 45

11480 18 07 00 +17 48 8.7 9 M0

6.4205 (13) (12)

-0013 -037 ±.58 CC Interim -010 -34 ±.54

-035 FKM -3 -5

-0012 -036 FKM -013 -039 FKM

8.26+1.495+1.84 (2)

7.88+0.645 (11)

211

-0150

-016 -030 ±6

-035 ±5 4pl

-011

-014

-18.74 520.64

2.98 1.48

9.30 712 9.15 625 24

916


14300.000*
13.000*
7.100*
17.000*
45.000*
-0.016*
-0.030*
9.200*
691.831
-25.100
-0.017
-0.154
-8.100
-0.159
-0.099
-107.627
-0.013
-14
-32
9.15

14300.000*

13.000*
7.100*
17.000*
45.000*
-0.014*
-0.032*
9.150*
7032 676.083
-25.100

-0.030
-0.154

18 -16.629

-0.161
-0.099

-116 -106.659

2 -0.021
0.983

-40 -38.813

R.A.	:	13.100
DEC.	:	17.800
R.A.	:	-18.740
DEC.	:	-20.840
ANCE	:	7.150
ULUS	:	269
VEL.	:	-25.100
(U)	:	-0.818
(U)	:	0.556
(U)	:	-0.149
dU	:	14.262
U	:	7.587
(V)	:	0.572
(V)	:	0.814
(V)	:	-0.100
dV	:	-128.790
V	:	-32.144
(W)	:	-0.066
(W)	:	0.168
(W)	:	0.984
dW	:	-10.983

11 48 00 13 07.1 +17 45 gmo

Arcturus

8.26 +1.495 +1.84 (2)
7.50 +0.645 (2)

7.12
6.25
2.45
91

-25.16

-0013 -037 Calvin

-0012 -034 FIX

-018'

-016 -030 +Ucm

114300.000*

13.000*
7.100*
17.000*
45.000*
-0.016*
-0.030*
9.150*
676.083
-25.100

-0.017
-0.154

-7.828

-0.159
-0.099

-105.121

-0.019
0.983

-37.284

11425 13 073 -60 35 ASTRO A6

-60.4487

CaH+K narrow as in Fm & dK
end of newly equal strengths; H lines
weaker narrow for metal line strength.

pFe/H] +0.15 -0141 -020 Y -055 -014
Δmm -0091 -017 C
-0116 -0165

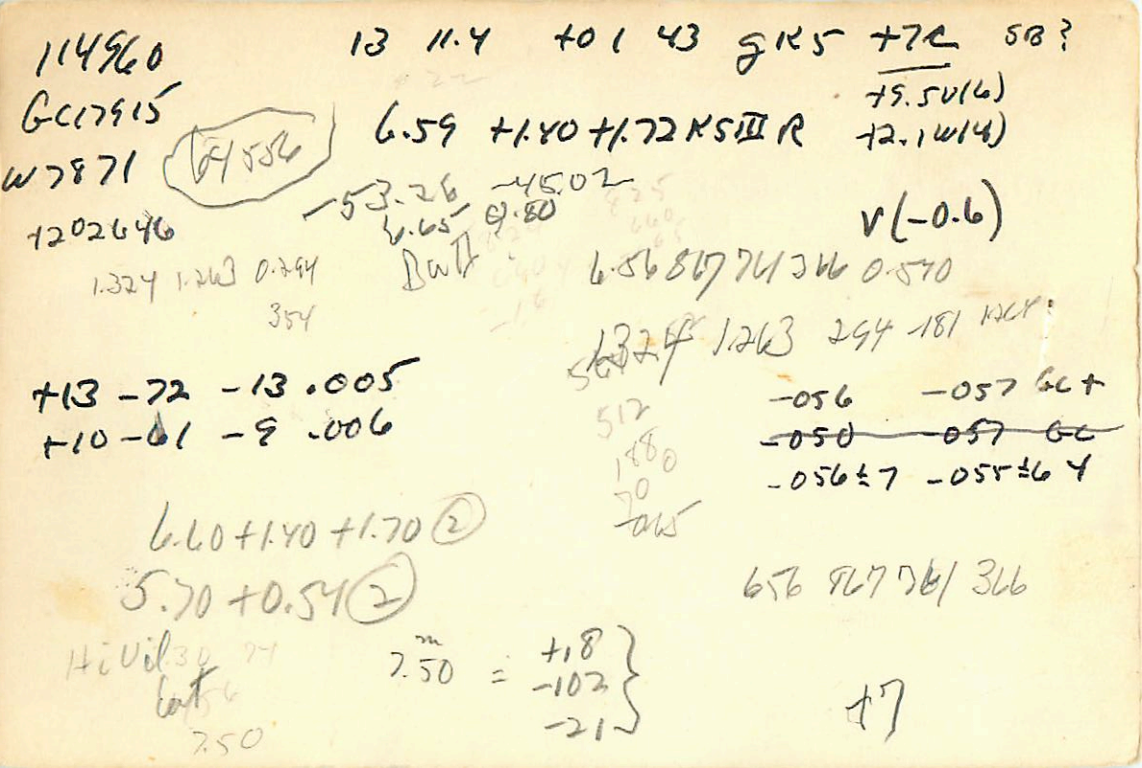
-0086 -012 C
-0140 -023
-0091 -017

-173
-14
6.25

4

R.A. : 13.100
DEC. : -40.600
PM. R.A. : -173.000
PM. DEC. : -14.000
DISTANCE : 6.250
MODULUS : 178
0.000


R.A. : 13.100
DEC. : -60.600
PM. R.A. : -173.000
PM. DEC. : -14.000
DISTANCE : 6.250
MODULUS : 178
0.000



-306 -652 01 -056-056 +7 0 0 -265

-017 0 053 0-081 251 +7 -7 -2 00 2

-0033=26-052=27 -003 4 -054 +123 -132

24.523 2001.2 +1 43 17.20 1881.

+37 -177 -42

3.07

20.27

-39 +95 -106

+33 -143 -32

0025

0023

-42 107 -115

+36 -154 -34

-2.33

-058 -3801

114960.000*

13.000*
11.400*
1.000*
43.000*
-0.048*
-0.051*
6.900*
239.883
7.000

0.065
-0.317

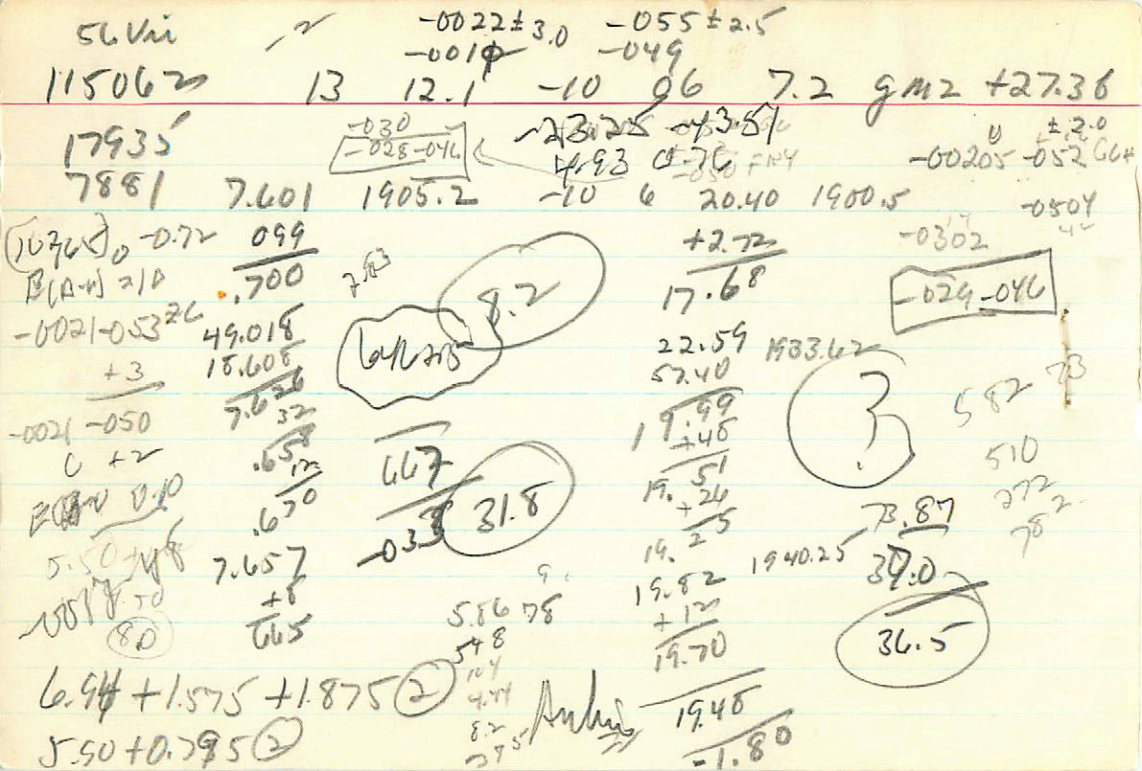
13.400

-0.314
-0.309

-77.532

-0.085
0.897

-14.133



-030 -048

400 pp.

-809	+418	-413	+1150	-0951	+0200	+8.0	-11.3
+581	+625	-455	-0826	-1536	-2362	-9.45	-12.4	-106.9
-089	+608	+789	+0126	-1880	-1257	-503	+21.5	-28.8

115062.000*

000*

31.2 44 ~~115-338~~ 115-338

13 13.9 401 09

422.9 (2) 1524

T80.1 (1)

-73

-87

13.2

+81.11

-85

-87

7.3

+22.5

8:44 1.30

44.7

2.05

```
R.A.      :  13.200
DEC.      :  31.150
PM. R.A.  :  -85.000
PM. DEC.  :  -87.000
DISTANCE  :   7.300
MODULUS   :  288
RAD. VEL. :  22.900

p1 (U)    :  -0.809
p2 (U)    :   0.586
p3 (U)    :  -0.035
dU        :  37.295
U         :   9.750

p1 (V)    :   0.581
p2 (V)    :   0.808
p3 (V)    :   0.103
dV        : -533.241
V         : -151.425

p1 (W)    :  -0.089
p2 (W)    :  -0.063
p3 (W)    :   0.999
dW        :  56.686
W         :  39.113
```

R.A.	:	13.200
DEC.	:	31.150
PM. R.A.	:	-85.000
PM. DEC.	:	-87.000
DISTANCE	:	7.300
MODULUS		288
RAD. VEL.	:	22.900
q1 (U)	:	-0.809
q2 (U)	:	0.586
q3 (U)	:	-0.035
dU	:	37.295
U	:	9.950
q1 (V)	:	0.581
q2 (V)	:	0.808
q3 (V)	:	0.103
dV	:	-533.241
V	:	-151.425
q1 (W)	:	-0.089
q2 (W)	:	-0.063
q3 (W)	:	0.994
dW	:	56.686
W	:	39.112

Pf4 P=0.60

ST Com 13 15.4 +21 03 +low d wall

7905 mud 11 vis -687

DS=5

(4878)

-034±9 -014±9

-033±5 -043±5

-033±4 -036±4

-323 -946 359 934 -033 -036 +100 -013 +36 -161

-011 -004 031 012 -109 128 +934 -88 -30 001

-197 +98 -125

+11 -234 +98

-224 +130 -145 0008

+15 -291 +96

0007

6-14-45 13 16.4 -2 45

+1+6.7 (13)

M

10.80 587 517 115 (2)

11598 13 178 +38 25

+38.748
67647

-38 -42

801 0.72

$\int = 14.2$
-3.6

18.3
+38.6
-50.9
-72
3.0
3.5

Bouma 13 23.2 +55 15 −2.5a

HR5062 116842 18155 7966 2.04 +0.02 +0.04 4.01 +0.16 +0.08 +119 −024 G A5 +120 −024 Gm(2)

W7564

-356 -934 822 570 +118 -024 -7.5 -020 -6.2 -046

042 007 -111 019 10.9 -55.9 -4.3 +4.0 +7.5 40

+6.7 -12.5 -7.8

-14.0 +3 -7.7

13.544 945 +0139 -024 52.75 55.0

+0135 -024

+0140 -030

813 1.32

12.731 54.10

13.446 44.60 53.12

+4 -23

450 5281

035

+7.1 -14.5 -8.1

-16 +4 -7

043

+6.5 -11.5 -7.7

-13.0 +2.6 -7.3

03

13.752 62.06 52.17

26 21

780 51.96

+7.6 -17.1 -8.4

-18.2 +5.2 -7.7

80 Lima

5062 13 23.2 +55 16 A5 II

116842
18155

403 +15 +05 I

105 195 523 (2) SPC 2-847 stu

098 216 933 2-847 JC stu.

047 JC 928 2847

Bud 5

401 020 1289

R.A. : 13.400
DEC. : 55.250
R.A. : 202.000
DEC. : -9.000
DULUS : 2.350
VEL. : 30
-11.000

(U) : -0.791
(U) : 0.584
(U) : 0.183
dU : -456.492
U : -15.489

(V) : 0.597
(V) : 0.670
(V) : 0.442
dV : 297.251
V : 3.915

(W) : -0.135
(W) : -0.459
(W) : 0.878
dW : -54.139
W : -11.259

9

C165-4 13 26.0 +24 13 -745.4 (5)

227 263 12.94 DG2

-225 -28 -258
-26
-8
-149.4

10


R.A. : 13.450
DEC. : 29.200
PM. R.A. : -258.000
PM. DEC. : -28.000
DISTANCE : 5.300
MODULUS : 115
RAD. VEL. : -149.400
-0.786

11730 13 36.7 -37 15 CTW

-36.8609 8:00 0.5W -13 (3)

PPM

-0046 -016

~~1825~~ 13 ~~28.7~~ +24 ~~36~~ ~~625~~
117555

-0.0044 -023 Cubing

-056 -073

-2
-23
60
-210

R.A.	:	13.450
DEC.	:	24.500
R.A.	:	-62.000
DEC.	:	-23.000
ANCE	:	6.000
JLUS	:	158
VEL.	:	-21.300
(U)	:	-0.786
(U)	:	0.600
(U)	:	-0.150
dU	:	144.736
U	:	24.142
(V)	:	0.601
(V)	:	0.798
(V)	:	0.044
dV	:	-247.695
V	:	-40.198
(W)	:	-0.147
(W)	:	0.056
(W)	:	0.988
dW	:	33.118

FB1 ID 25.4 +0.5 -52 TG

FB183

13.46 0.22 102

9.5

+0.033 -0.015

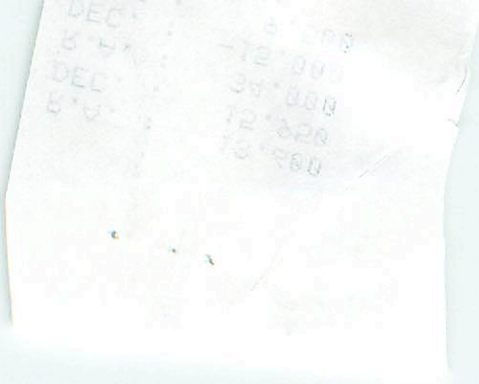
0.015

10+2

-15

9.5

-50



R.A. : 13.600
DEC. : 15.950
R.A. : 34.000
DEC. : -15.000
9.500