7256 8.26 +0.525 +0.04 F8V −22.2

139007

+25°2932

+.028	−.121
−.004	−.004
+.024	−.125
−.003	+.005
+.021	−.120

$15^h 32^m 40.390$ $+25° 10' 1.85$ 1928.38

+.012 −.21

40.402 1.64

$15^h 32$ 40.400 $+25° 10'$ 1.50 1930.2

·001 −.31

401 .19

-2226

139007 1.5 32.6 +25 10 8.5 F8V

+25°2932

8991

+028 -121 Y

γ Lyr

138905 15 32.7 −14 37 4.0 gB6 −27.5a

20949

8992

+0043 85 +004 84 N30

+0045±1.0 +002±1.0 Bc → N30

−26.2 (4)

12m 42.4

γ Lyr

A0534704

Ohmi

139669 15 32.9 +77 31 5.3 gIR4 -25.0a

20952

T994

-25.2 (8)

-0154 41 +011 45 N30

-0158 ±1.5 J011 ±1.2 B-C → N30

Turbine +64" 1077 15 33.1 +64 04 A 5 Aug 03

139319 +2.8

OPS 110 63

+004 tors AGRD

+008 +021

OCONUS

AUSS706 A

9.5 3.6

15 Sex

13907 4 15 33.3 +17 49 6.1 gG8 -22.3 t

20962

8996 -0053[23] -018[23] N30

-0057±2.4 -016±24 Cc N30

139087

$.744 15 33.5 ±11 25 6.0 g120

108
30.345 124 -0024 ±8.7 -014 ±5.2
506 -0007 50.20 10.7
-0005
-0005

-043 -019 BC
0 ±6
-013
-26 C

30.453 (7046) 50.24
±11 -35
464 86

30.471 66.74 50.23
±8 -34
474 49.89

20.464 (1120) 50.54
±11 -35
475 50.16

-030.2 -01115 15/25 13

10


5796.000*
15.000*
33.500*
11.000*
25.000*
-0.043*
-0.013*
5.000*
100.000
-26.000
0.057
-0.630
22.074
-0.180
0.214
-23.503
10
0.099
0.747
-9.475
469
0.876
0.112
69.769
17.839
0.664
0.266
0.699
51.218
14.821
-0.582
-0.402
0.707
-13.518
9

-0015 ± 4.2 -011 ± 3.4
-0017 +001

139357 15 33.9 +54 05 6.0 gK4 -9.96

20977

9003 56.671 1897.9 +54 5 12.53 1593.6

078
749
16.97
39.712
56.682
707
713

13.83
692
-057

2023
678
-071
42.3

+62
13,15
712.3
59.32
1928.0
12.98
60
961
13.58
14
13.44

12059
40a
40.2
46.6

56.649
2
70
670
54.626
14
640

1447.29
13.40
-10
13,22

13.29
-34
1945.30
12
95
13.20

13.20
+05

v lit

139063 15 34.0 -27 58 3.8 gK5 -24.9a

20979

900 5'

$-00\,10^{41}\ 000^{44}$ N30

$-0008 \pm 2.7 \rightarrow -001 \pm 1.9$ fc → N30

37 ± 7

$12^{m}3^{11}$

+99(2)

139195 15 :34.1 +10 11 Ni-Ba, +7.8 a

5.26 +0.95 +0.67 Argue

+0024 −124 bc+neu →

$\pi = .011$ .031 $\pi_{th} = .030$ A(20) wt

$m_\nu = +0.4$ $= +2.65$ ~~+030~~

y	−45	−20
v	−25	−8
w	−21	−3

16 Sn

+0028±3.0 −136± 2.2
+0021 −125

139195 15 34.1 +10 11 5.4 [illegible] +7.8a

20981 Ag(20)

+0025 −127 →

9007 5.255 1503.1 +10 10 33.62 1400.2

−131
.157

+037 −127

+6.77
40.39

30±7
Ag(20)

5.196
17
213

36.60 1934.6
−14
36.46 1447

−4.90
37.4

34.3

5.239 225
4
243 +071

35.21 1940.30
−20
35.01

37.2

26.0

35.74
−4.65

5.26 +95 +66 4 20 11

457 31
455
4.06

457 81
44
4.41
4.08 1.47
261

139195.000*

15.900*
34.100*
10.000*
11.000*
0.037*
-0.127*
2.600*
33.113
7.800

w hip

			−0132±4.4 −0137	+055±3.0 +056		SD±
139127	15	34.7	−42	24	4.3 M0	−7.0 δ

21001 4.35 +1.40 +1.69 SBS 4.36+1.44 M0 III −6.4±0.4

9016 −6.2 15th.

40.567 1607.0 −42 24 17.68 1900.9

568

41,135

−2.70

20,38

−7.6 −4.4 184 −4.4 6.1

40.656 18.05 1980.43

−21 −22

667 18.27 549

1141

570

(41.2)

40.482 −565 17.03 1956.02

−6 −1.9

474 17.22 96.45

17.74 48.2

+2.64 (47.3)

45-48
1304

42-45
1246

$C_m = .353$

23 584

5797

15 34.7 −42 24 M10 TH

139127

21001, 657 (5.5 1.5 #1)

433 +143 +1725
432 +142 +170 C

3.57
3.68
3.62

+0.55 E
+0.535 S
+0.54 C

11" 12" Gun

−6 1324 +0590 ⊥ 26 432 +1.425 +1.71

+26 +35 ±003

−0225 +0655 mm ⊥ ±26

−6.5 a

324
74
250
23
48

358 325
3.20
72
4
2.32
4.68

−138

−139 +065

11

−1455

−147 +062

0

+13
−20

5797.000*

15.000*
34.700*
-42.000*
-24.000*
-0.139*
0.068*
4.800*
91.201
-6.500

0.259
-0.875

29.279

-0.245
-0.450

-19.591

0.641
0.181

57.304

5737.000*

15.000*
34.700*
-42.000*
-24.000*
-0.147*
0.062*
4.700*
07.096
-6.500

0.280
-0.875

30.103

-0.287
-0.450

-22.059

12

0.641
0.181

54.658

-0025 ± 6.4 +075 ± 6.4
-0016 +077

139478 15 34.7 +52 14 6.5 dAF -15.98

HR5817 6.5 -023 +075 RC

139478
21000
9015

39.889 1895.9 +52 13 52.98 1895.9 -014 +080 Gu(4)
135 -4.06 -016 +082 Y
40.024 53.92 -015 +088
57.98 54.1
42.055 58.1 1927.3
39.93 20 55.95
455 63
460 58
56.15
43.9 56.40 21 88
955 57.29
39.932 21 -069 57.97 1944.93 +3.37 11.9.52
.953 -34 39.8
39.934 57.53 43.9
.952 58.10 1847.29
57.92

1426.6

-806 -592 -7 80 -613 -015 +088 -15.9 070 -13 $\overline{2\underset{32}{5}6}$

-012 056 009 -041 $\overline{13.0}$ $\overline{3\underset{1.0}{0}.8}$ -9.7 +6 +8 008

+23 +46 1.9

-0017 ±5.1 -088 ±5.1
-0023 -091

139254
21005 15 34.9 -22 59 5.8 g120 47.16

9019

51.362 1906.5 -22 58 38.53 1906.2

074 3.85
51.436 34.68

23.194 39.78 #27.69
28.138 59.15
51.332 37.93
55 130 445 6823
.38 372 36.63 34.1
51.369 -064 27.6 37.55 1940.54 27.9
-12 -27
357 37.82
37.22
2.54

+0096 ± 11.3 −370 ± 9.5

13948-7 15 35.6 +10 24 dF7 +38.2 WS(6)

fL21020 7.10 +0.50 −0.06 F6 ≡

+10°25'46 δ = 06

Y3532 34.869 1899.8 +10 24 26.57 1896.9 +142 −370 GC

W9024 −482 +19.45 +153 ± 368 ± Y

19 A128 .387 46.22

34.489

-800 -600 180 583 +145 -370 +38.2 -67 +71725

116 -053 -087040 360 -660 -23 -30 -55 025

-1 -48-236
-5 24-471
9 9-26

-10 -54 +69
-75 -22 -8
-13 -49 +56 035
-64 -16 -1

-1 -43-20
-6 22-32
11 4-20

5402

139211 15 35.8 -59 45 F8 V -21.5-4C

FD975

GL2102 .502 5.95 +0.48 (1.62)

-0164 -220

-0166±5.8 -225±4.3

50.056 1904.8 -0172

750

.806

37.21 1844.6

11.34

2587

-125 -222

(65.5C)

-0170 -223

+1 +10

-0185 -210

-156

41.01 -24 41.27

47.469 2.472 50.149 150 244 394

50.394 -.412

-117

-0168 -2222

-1615 -2165

-1220

-124 -214

35.84 58.43 34.207 34227 -11 34.33 8.56

1928.58

-246 -214 8.0 -21.5

-55.75

1.54

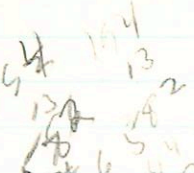
8828 -7854 -4648 -4579

η Lac Mp.

139211 15 35.8 -54 44 F8V

HR5803

GC21027



5.54 +0.505 -0.012 555

·326 ·186 ·482 2.645 @ 4,10,4,2

[m] 195

323 147 453 2.658

[y] 417

544

-462 -402 -260 | +2562 +4002 +6564 | +30.0 +17.0

·664 43 +·609 | -3692 -4320 6012 | -3.0 +13.1

-588 806 -060 | +3261 -8023 4762 | -8.2 +1.4

-117 -215

-210

20pc

103
248
61
103
1648

13

```
                                                
```

R.A. :	15.600
DEC. :	-59.750
PM. R.A. :	-246.000
PM. DEC. :	-214.000
DISTANCE :	3.000
MODULUS :	40
RAD. VEL. :	-21.500
q1 (U) :	-0.459
q2 (U) :	-0.400
q3 (U) :	-0.793
dU :	675.612
U :	43.951
q1 (V) :	0.663
q2 (V) :	0.440
q3 (V) :	-0.606
dV :	-835.612
V :	-20.247
q1 (W) :	-0.591
q2 (W) :	0.804
q3 (W) :	-0.064

-0017 ±4.6 +005 ±3.4

139569 15 35.9 +30 16 8.8 dF6 -23.9 ↑

21025

9025 9.0 dG1 -27.2

AD59727 51.682 1897.6 +30 15 53.95 1892.7

.059 -29

.771 53.66

51.308 56.72 1931.4

−0045 ± 3.3 −022 ± 2.5

−0057 −023

139778 15 36.2 +54 40 6.0 g IR1 −22.8 b

21036

9032 14.708 1898.5 +54 40 18.16 1902.2

232

940

36.12

38.120

14940

746

14.691

+21

.712

14.7000

14

714

37.6

72 724

72 216

+1.05

19.21

13.6 1925.4

35.25

18.35

54

18.94

14

18.80

18.45 1944.57

−37

18.08

18.27 1947.29

−18

18.09

101

11.726

39.1

36.9

18.36

−.85

139590 15 36.5 -00 09 dF9 -27.5 B

-201 -100 Y

S 0131 -083 Gm 50

-810 -586 0 | -200 -100 -27.5 0 0 -425

-162 0 117 0 -765 s-54 -27.5 +16 +22 03

-10

+0010 ±2.5 −008 ±3.8
+0008 −021

139521 15 36.6 −34 15 4.6 G5 −23.1a

21042

9036 35.039 1849.8 −34 15 0.65 1849.7

−050

34.989

+40

0.25

35.030

−16

014

027

+038

47.9

0.97 1939.52

−22

1.19

249

1.24

−0.99

9534

47.7

48.0

35.037

3

040

01.07 1955.82

−27

1.30

−0005 ± 13.0 −092 ± 15.0 C, 14J
0 −076

13 9465 15 36.7 −44 52 K4III −22.1 ± 0.5

21047 2.40 + 1.25

41.109 1902.9 −44 51 34.11 1903.4
024 4.29
.133 29.82

57.465 36.93 1929.27 81.53
43550 56.40 423
41.015 33.33 38.4
117 2
.133 33.31 55T
.10 15 32.78
122 11 −2.96
39.4 31.
18 33.41 1955.26
134 −12 23.80
0 146
41.158
−12
146

42.64 −.0015 ± 1.8 −.024 ± 1.8
139663 −.0012 −.018
21057 15 37.3 −23 39 5.1 @ 104 −21.8 ↑
9042

19.178 1898.8 −23 39 25.60 1897.7

077 1.24
1255 24.64
50.545
28.608 31.76 1927.51
19.153 5482
56 26.58
.209 1 32
4 25.26
215 11
25.15
19.224 214 34.7 25.12 1939.03 46.66
−12 −041 83.3
212 −27 35.4
25.39
25.27 −.63

5844 15 37.5 +69.26

-26.0 ①

-054 +050

-050 +053

9882 6728 0728

-152 7898 0013

+08

0077

5.57

-20

II

1.57

408

-0007 ± 7.5 -015 ± 6.1

139862 15 32.8 +12 13 6.3 g G5 -210 b

21073

-184 (3)

9048 48.400 1895.2 +12 12 48.47 1891.7

ADS9740

038
438
48.358
17
375

+87
49,84
49.31 1854.0
-9
49.22