1945

PH-4605 0 46.0 -31 35 12.0 0 -0.1

11.46 -0.03 -0.04 9 Dec 44 40"

11.42 -0.01 -0.01 8 " "

11.65 -0.02 -0.02

GD210 17 32.0 -13 57 3/200 13.0 0

BPM 79017

↓ 0.165 204°

Mentor

13.05 +0.42 +0.12 22 April 66 200"

(13.30 +0.46 +0.12) 11 June 66 200"

13.06 +0.42 +0.13 Sept 1 66 40"

12.95 +0.44 +0.15 Sept 9 " "

14.50-5

L1 0 00.1 −34 80 14.5 +0.2

L7+3
L505-1

0.76 1680

L505-1 14.52 +0.485 −0.415 9Cut 66

14.89 +0.45 −0.455 14" "

14.40 +0.465 −0.435

Left C1 (EB 87)

L10-47 00 04.0 -83 38 1950 14.3 0.170"

BPM 2 14.7 +0.8

13.67 +0.62 0.00 16 Sept 68

0.20

LTH11 0 0L1 -17 00 14.2 a

14.67 -0.05 -0.94 9LeL67

HR6681 17 53.4 −15 48 { 5.94 A0
21" { 8.4

5.92	+0.065	+0.08	29 Sept
5.94	+0.01	+0.08	30 Sept 67
5.93	+0.04	+0.07	1 Oct
5.93	+0.04	+0.08	

9.14 hole B	+0.675	+0.11	29 Sept 67
9.19 hole C	+0.605	+0.05	30 Sept 67
9.15	+0.615	+0.08	"
9.19	+0.64	+0.075	1 Oct

9.17
+0.635
+0.10

	0	11.4	-72	1950 06	15.5 & 0.34	136
L50-37	0	09.0	-72	20	1900 15.5	0.34
BPM 1595	0	12.1	-72	00	1968 15.8	+0.33

LTT 101

15.31 +0.37 -0.45 16 Sept 68

CPD -69° 1 00 8.4 -68 50 10.0 A0

μ = 0.005

10.49 +0.48 -0.04 16 Sept 68

11.1 G5

LFT 13 00 042 -21 22

~~LFT 12~~ $\mu = 0.50$ 212°

-2106537

~~9.76 +0.58 14 cut~~

9.69 +0.58 +0.03 14 cut 44 ✓

~~9.86 +0.54 +0.03 15 "~~

(9.96 +0.58 -0.08 9 cut ✓

~~9.83 +0.58 +0.02~~

9.75 +0.57 0.00

LTT426 0 43.3 −51 07 14.7 g 024

2 14-23

15.14 +1.02 +0.92 17 Sept 68

413 0 42.9 -04 54 6.4 gmo

4301

Oct 26	6.18	+545	42.975	+1.57 +1.96
Dec 21	6.17			+1.57 +2.10
	6.18			+1.57 +2.03
	6.14			+1.62 +2.026

0.24 127°

LTT424 O 43.3 -21 51 45-9

13.86 +0.77 -0.02 15 Dec 66 40'

L 214-48 OU 47.8 -52 25 14.4 -0.2 0.11 4

(14.22 0.00 -0.805 25 Sept (67)
14.16 -0.03 -0.78 29 " "

14.20 -0.015 -0.79

A2

1967

γ Hyi O 44.6 −78 59 9-13 E4 3.5

μ_α = +057 μ_δ = +109

9.91 +0.28 +0.26 23Oct67

67

HD 4423 0 44.9 +13 49 8.8 B5

8.39 -0.03 -0.04 26 nov 67

PHL6772 0 50.0 -32 05 13.8 0 0

13.68 +0.105 +0.15 9 " " 40"
13.43 +0.075 +0.15 10 " "

13.45 +0.09 +0.15

	0	48.9	-54	29	1550	
L220-145	0	46.6	-54	45	1900	15.2 0.16
	0	49.7	-54	23	1548	15.2 -0.26

15.29 -0.02 -0.78 16 Sept 68

48.2 [illegible]

-11^0 162 0 ~~47.4~~ -11 07

(measured)
B is 35" south

11.23 -0.10 -0.10 pl.
14.67 +0.87 0.00

11.18	-0.07	-1.11	29 Sept 67
11.18	-0.09	-1.07	25 Oct 67
11.14	-0.08	-1.09	
14.92	+0.79	+0.27	29 Sept 67
14.92	+0.79	+0.35	25 Oct 67
14.82	+0.79	+0.31	

SA92-470 O 51.3 +1 11 10.52 A1

$\mu = 0.099$

10.59 +0.11 +0.04 4 July 67

10.59 +0.06 +0.06 6 " "

10.59 +0.085 +0.05

10m 11" phys

HR247 00 51 02 -24 11 5.59 g1V2

5.48 +1.27 +1.21 25dec68

#R252 OV 50.5 -69 47 6.21 +0.56 F8

6.71 +0.50 +0.04 25 Oct 67 good
6.82 +0.525 -0.01 17 Dec 66
~~6.79 +0.43 +0.07 6 Jan 67~~
(6.65 +0.52 -0.035) 25 Sept 67
6.46 +0.515 +0.045 28 " "
6.72 +0.515 +0.01 4

7.54 +0.67 +0.10 17 Dec 66
7.44 +0.68 +0.18 25 Oct 67 good
7.38 +0.685 +0.10 25 Sept 67
~~7.44~~
7.38 +0.68 +0.07 28 Sept 67
7.47 (+0.63) {+0.12} 6 Jan 67

7.44 +0.68 +0.14 (5)

0.33550

LTT 528 0 53.6 -61 58 12-4 g

11.84 +0.52 -0.19 15 Dec 66 40"

11.84 +0.52 -0.17 10 " "

11.84 +0.52 -0.18

197

0.20 570

197

LT7513 0 51.9 -33 57 12.9 9

10.88 +0.57 -0.03 Iodine 40"

+45 -80 otp

1967 1.64

HD 5303 O 51.8 −74 50 Var 7.6 ±0.71

	7.48	±0.71	(±0.315)	23 Oct 67
	7.66	±0.68	±0.23	27 Oct 67
10 m	7.51	±0.71	±0.24	23 Nov 67
10 m	7.53	±0.71	±0.25	
	7.45	±0.72	±0.22	24 Nov

1995

PHL 6484 0 57.8 −32 09 10.0 00 00

$u_2 = -0.0015$ } 580 Luyten 0.000 } 14

$\mu_\delta = -0.019$ } +0.018 }

9.71 +0.295 +0.035 17 Dec 44 40"

9.69 +0.305 +0.015 15 Dec 44 40"

(9.75 +0.19 +0.13) 9 Dec 44 40"

9.70 +0.28 +0.05 8 Dec 44 40"

9.70 +0.29 +0.03

+4.7 +1.75 +5.8

7 Jan 47

9.75

$(b-y)' = +0.006$ $c_1' = -0.583$ $m_1' = 10.340$

+1°164 0 55.0 +1 47 9.4 B5 V

10.37 −0.20 −0.72 26 20 67

0 53.9 -31 27 1950
1947

PHL6918 0 54.7 -31 23 1200 0-1

$\mu_\alpha = -0.0012$ s } [illegible]
$\mu_\delta = -0.001$ } + [illegible]

157

10.63	-0.08	-0.165	9 [illegible] 40"
10.57	-0.05	-0.19	8 [illegible] 40"
10.60	-0.065	-0.18	

G267-154

LTT377 ○ 39.2 -33 54 12.5 f

0.452370

Table

	12.05	+0.61	+0.02	17 Dec 66 40"
	11.25	+0.465	-0.09	9 Dec 66 40"
	11.21	+0.47	-0.09	8 Dec 66 40"
IO	10.56	+1.445	+1.175	11 Oct 23
IO chart	10.69	+1.45	+1.16	16 Sept 68
	10.67	+1.36	+1.17	22 " "
	10.68	+1.40	+1.17	

NO

1945

V86 0 39.6 −13 23 10.3 dMO

W376 Radcl

−13° 11h

10.75 +1.33 +1.25 [illegible] 40"

HD 3644 00 37.5 -4 10 9.0 B9

8.81 +0.22 +0.09 26nov67

14.51 +0.41 −0.16 22 Sept 68 2/30

L 291-64 0 39.5 −47 45

14.54 +0.50 −0.12 16 Sept 68

14.50 +0.49 −0.25 16 Oct 64

14.46 +0.54 −0.225 14 " "

14.44 +0.52 −0.24 17 " "

14.47 +0.465 −0.305 28 Sept 67

~~14.49 +0.49 −0.255~~ −0.27

14.48 +1.40 − Oct 16 66

14.73 +1.22 −4 14 "

14.84 +1.30 − 17 "

14.78 +1.35 +0.88 Sept 28 67

14.72 +1.34 +0.76 " 27 "

~~14.80 +1.32 +0.80~~

+0.1 +1.0

14.4 −15.7 137° 0°

14.44 +0.49 −0.22 (6)

14.82 +1.30 +1.20 (7)

14.50 +1.32 +1.18 22 Sept 68

14.93 +1.21 +1.22 16 Sept 68

V774 Sgr 17 52.5 -28 18 F6

EW 11.3-12.0 d 0.445

11.35	+0.55	+0.055	30 Sept 7
11.92	+0.58	+0.045	1 Oct
11.86	+0.59	+0.06	29 Sept
11.58	+0.585	+0.005	28 "

11.3-11.9 +0.585 +0.04

1965

-68^{0} 26 0 40 58 −68 17

10.3 Gp

$\mu = 0.14$ Var? Var sp

Pec lim

10.29 +0.58 −0.02 3 Jul 67

10.29 +0.60 −0.02 4 Jul 67

10.29 +0.59 −0.02

17 54.5 -55 01 1950

L-271-168 17 50.4 -55 00 1900 15.4 0.130 219°

17 56.0 -55 00 15.4 0.45

BPM25240

15.66 -0.34 -1.12 24 July 1948

~~15.50 (-0.33) -1.20 16 Sept 68~~

15.58 -0.33 -1.20 21 Sept 68

~~15.56 -0.33 -1.21 22 Sept 68~~

15.58 -0.33 -1.20 (4)

41410/41411 343-619

0.13

LDS618 17 51.1 −44 57 10.5 12.3 } N 5-0

B 1923 +1.07 +0.90 26 Apr 69

A 8.74 +0.64 +0.11 26 Apr 69

S2Scl OV 13.2 -31 23

EW 13.1-13.8 0.321

12.40	+0.705	+0.045	25 Sept 67
12.43	+0.685	+0.055	28 " "
12.36	+0.67	+0.20	27 " "

L218-28	0	16.3	-52	14	1900	13.9	0.062
BPM16078	0	19.6	-51	51	1968	146	0.16

14.44	+0.72	-0.13	16 Sept 68
14.30	+0.57	-0.16	22 " "
14.29	+0.49	-0.26	27 " "

Avail?

LDS 9 60 15.5 −19 32 10.8

11.3 115 d

10.17	+0.88	(+0.485)	29 Sept 67
10.18	+0.90	+0.61	23 Oct 67
10.22	+0.88	+0.55	1 Jan 68
10.21	+0.885	+0.55	

10.60	+1.025	+0.87	29 Sept 67
10.83	+1.03	+0.96	23 Oct 67
10.67	+1.01	+0.90	1 Jan 68

10.70 +1.02 +0.89

02 20 201°

LTT 12)' 0 13.7 -24 41 148 g

14.08 +0.56 -0.23 15 Black 40"

221 0 21.9 -02 30 6.3 GRI

2023

79

Oct 17	6.13	+15	+2.25	+1.20	+1.28
26	6.13	+14	+2 15	+1.19	+1.18
Dec 21	6.06			+1.18	+1.33
	6.11			+1.19	+1.26
	6.06			+1.22	+1.23

Cm

LDS16 92 NP

LTT208	0	21.5	-56	37	13.4k	0.26 46°
LTT212	0	21.8	-56	35	136k	0.26 160°

12.02 +1.07 +0.83 25 Dec 47

1

12.15 +1.08 +0.95 25 Dec 47

L170-31	0	17.8	-54	14	1900	14.8	0.10
DPM16085	0	21.1	-55	51	1948	15.3	-0.05

14.50 +0.65 −0.13 16 Sept 68

14.47 +0.51 −0.16 22 Sept 68

14.48 +0.58 −0.14

$-47^{0}44$ 0 24.5 -47 29 10.0 A5

+0.014 −0.091 CP

10.16 +0.34 −0.04 8 Dec
10.19 +0.32 +0.03 9 Sept
10.14 +0.36 +0.08 9 Oct 66

10.16 +0.33 0.00

+186
+197
+650

2 Jan 47
$(b-y)' = +0.006$
$m_1' = +0.434$
$c_1' = -0.576$ (24) 1.220 140

LTT

0.471260

LDS 237 0 24.5 -32 37 12.3k

△ 12.12	+0.99	+0.63	1 Jan 68
→ 12.13	+1.00	+0.64	23 Dec 67
12.08	+0.98	+0.53	24 "
12.12	+1.00	+0.49	31 "
12.11	+0.99	+0.57	

1414 a

L4 0 24.3 -55 42 1476 0.0

L170-27

LTT 235

0.58 2140

15.07 +0.14 -0.65 9 Wet 44

15,21 +0.15 -0.68

265 0 27.5 -04 M 6.0 gmo

2637

260

Oct 17	5.78	+51	+2.75	+1.53	+1.80
26	5.77	+48	+2.80	+1.51	+1.85
Dec 21	5.72			+1.51	+1.95
	5.76			+1.51	+1.87
	5.71			+1.56	+1.90
	5.73			+1.58	+1.88

HR 108

B1904 00 25.8 −20 37 6.4 Go

5?} yrs
11?}

Δm ~ 0

6.42 +0.40 +0.085 9 cm
6.40 +0.59 +0.06 14 Cet
6.42 +0.40 +0.06 Cep G-5 IV
6.41 +0.595 +0.06 Vel = +6.4

67

HD 22235 O 24.5 +3 38 6.9 B7

6.59 −0.18 −0.56 26700 67
6.92 −0.14 −0.55 25
6.90 −0.16 −0.555

RT Scl OD 35.0 -25 57 0.9/12

EB 9.8-10.5 +5m +1=3

10.51 +0.42 -0.105 25 Sept 7
10.21 +0.40 -0.03 28 " "
10.17 +0.34 -0.075 27 " "
10.35 +0.34 -0.06 23 Oct 7
10.36 +0.36 (+0.01) 23 Dec "
10.29 +0.35 -0.09 24 "

4L481 0 36.7 -26 35 14.0

13.28 +0.50 -0.14 25 left 67
13.20 +0.50 -0.16 24 now 67

13.24 +0.50 -0.15

5.5

445 -19

5 7 5 pd.

Q25 650

LTT 325 OV 34.2 -60 13 14.3 F

13.84 +0.295 -0.165 15 Dec 40°

13.84 +0.225 -0.56 10 Dec " "

13.84 +0.26 -0.61

HD 6268 100.9 -28 09 4-6 Cet

8.09 +0.84 +1.70 Cy

8.06 +0.83 +0.28 23 Cet 67

1945

-11^{0} 192 1 00.6 −10 37 0.1 dano

Radial

10.08 +1.35 +1.265 17 Dec 44 40"

GD9 1965 0 59 14 −4 23 15.0 −1

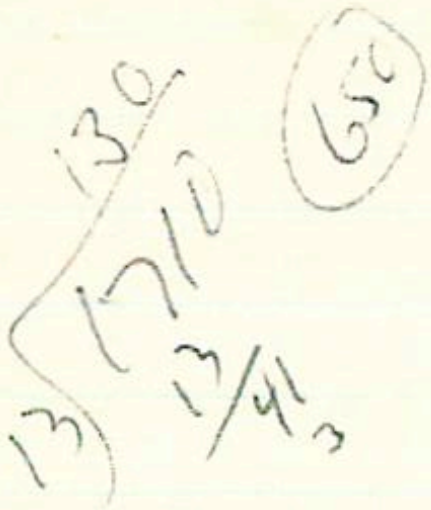
−0.015 −0.81

15.38 ~~±0.03 0.75~~ 15 ± 66 ✓

1545

PHL 7081 (015 -2455 17.0 aw -40r

11.20	-0.05	-0.23	6 Jan 66
11.26	+0.01	-0.26	17 Jan 66 40"
11.30	-0.055	-0.205	16 " " 4
11.18	±0.00	-0.23	15 " " "
11.31	-0.055	-0.205	9 Jan 66 40"
11.16	+0.005	-0.27	8 Jan
11.24	-0.02	-0.235	


130
17/0
13/41
13
65

LTT598 (Tun)

LFT100 1 01.5 −46 03 11.8 K3

1.71 1880

11.62 +1.105 +0.96 Hoffleit 66 40"
11.64 +1.08 +0.88 6 Jan 64
11.63 +1.11 +0.86 25 Dec 1968

Main sequence to 50 lmly

LTT594 I 01.4 −4 07 12.9+1 .32108°

G70-33 127g .29 1050

12.34 +0.585 −0.205 25 Sept 67

12-34 +0.535 −0.205 27 " "

12.34 +0.56 −0.205

PHL747 / 042 3.4 ~~45~~ -20 ~~00~~ 05 11.5 0 0

11.05 -0.01 -0.035 9 [illegible] 40"
11.00 -0.005 -0.065 8 [illegible] "

11.02 -0.01 -0.05

LTT 601

LFT 101   1   01.7   −34   56   10.6g

LPD −35° 110   0.69   113°

L436-6 10.28 +0.76 +0.10 23Ect 67
10.22 +0.74 +0.19 9Ect
10.20 +0.745 +0.21 14Ect 66
10.24 +0.78 (1.75) +.20 Cape   G5 IV Metal Poor
ρ = +35 km/sec
4pl

~~10.24 +0.765 +0.175~~
10.23 +0.75 +0.17 (3)