

36 LB 208.1 8 52.0 + 14.18 1550

17.08 + 0.88 + 0.38 4 March

(2) 17.06 + 0.845 + 0.46 5 March

LDS 235. 8 45.3 -18 48 1550

11.62 +0.58 +1.02 100 = 2862  
11.64 +1.01 +1.01 100 12862  
11.45 +1.09 +0.92 200 42862  
11.57 +1.03 +0.99

15.55 -0.06 -0.93

15.68 -0.34 -0.65 100 12862

15.49 -0.07 -0.95 200 " 42862  
15.41 -0.06 -0.91 " 5 " "

QDS 7317 9 18.3 127 41 9.1 1950

AB 10.06 10.49 +0.50 70.16.63<sup>2000</sup>

C 10.64 10.48 +0.03 20.16.63<sup>2000</sup>

Dec 16<sup>th</sup>

Q115-68 9 1612 3943.9 +3844

65

68 1482 +1.82 +1.03 9 Jan 64 2000

69 14.77 +1.66 +1.07 9 Jan 64 2000

6-716-14/16 9 11 5-2 + 144 K 10.3 + 1

9 13 26 144 . 12 15.5 0

9.00 + 0.68 + 0.09 20 Dec 63 2000  
~~8.94 + 0.79 + 0.07 17 Dec 63 2000~~  
9.05 + 0.68 + 0.18 18 " " "  
9.00 + 0.68 + 0.02

15.85 + 0.25 - 0.55 17 Dec 63 2000

15.37 + 0.24 - 0.51 18 " " "

~~15.32 + 0.07 - 0.45 20 " " "~~

15.32 + 0.27 - 0.53

G-117-015 9 21.2 +35 30 1950

15.52 +0.20 -0.56

~~15.5~~

A 15.55 +0.22 -0.59 27 Dec 62  
15.58 +0.16 -0.53 28  
15.43 +0.22 -0.57 27 Feb 63

B 16.16 (+1.58) ~~+1.58~~ 27 Dec 62  
16.18 +1.72 — 28

15.58 +1.54 — 26 Feb 63

16.10 +1.40 —

1950  
ADS 7342 9 20.7 +383 6970

7.31 +0.33 +0.08 12 Dec 63 1008  
7.31 +0.35 +0.08 13 " " "

8.31 +0.40 -0.07 12 Dec 63 1008  
8.33 +0.42 -0.03 13 " " "

7365 AB 9 23.1 +28 52 8-1 P8 (55)

36

8.40 10.47 -0.03 12 Dec 63 1000"  
8.41 10.52 -0.05 13 Dec 63 1000"  
8.52 10.49 -0.06 9 Apr 64 1000"  
8.50 10.48 +0.02 12 " "



31 Hya 9 26.4 -2 33 1550

4.6 + 0.46 + 0.01 } 65"

8-1

B 7.25 + 0.88 + 0.65 100 27662

7.20 + 0.83 + 0.56 100 3"

7.13 + 0.89 + 0.58 100

7.19 + ~~0.85~~ + 0.67

7384 9 24.9 +31 41

AB band 0

25.5 +31.58

$\left( \begin{smallmatrix} 8.5 \\ 8.7 \end{smallmatrix} \right) 60 \sim 11.0$

AB

8.83 -10.44 +0.04 20 Dec 63 zero

C 12.27 +0.65 -10.15 20 Dec 63 zero

AD57382 9 24.8 -9 00 6.4A0<sup>(550)</sup>

AB 6.56 +0.02 +0.07 Bldc 6.5 100<sup>4</sup>

6255

9 40.3 +54 " 8.3 -462

W N m

83950

~~8.40 +0.50 +0.06 29 Apr 62~~

8.04 +0.64 +0.09 29 Apr 62

8.48 +0.71 +0.14 1 May

ADS 7426

9

30.4 + 28

35-6.3A<sub>2</sub>

1950

6.54

+0.12

+0.07

12 Dec 63 100°

6.52

+0.14

+0.07

13 " "

12.09

+0.60

+0.07

12 Dec 63 100°

12.06

+0.65

+0.07

13 " " "

A057402 9 276 +63 17 '950

A  
3.66 + 0.33 + 0.10 FOTR

920  
75

B 9.33 + 1.15 + 1.29 June 9 63 000"  
9.05 + 1.20 + 1.28 10 "  
9.19 54.14 11.285  
9.19 + 1.175 + 1.285

AOS 7448

9 332 +14 36 1950

7 du

A 12 6.2 } 42"  
8.0 } 42"

A 6.37 +0.01 +0.03 100 226  
B 9.55 +0.47 +0.03 100 "

6.30 +0.04 -0.01 2 20" B 9.47 +0.52 +0.05  
~~6.36 +0.01 +0.02 3~~ A 6.33 +0.02 +0.01

~~9.51 +0.50 +0.02 2~~

A 6.44 +0.02 +0.04 100 12662

A 6.30 +0.04 -0.01 2 20"

A 6.36 +0.01 +0.02 4 B 9.53 +0.53 +0.09 100 12662

B 9.51 +0.50 +0.05 4 A 6.33 0.00 +0.01 100 32663

B 9.48 +0.48 +0.03 100 3 "

6.36 6.37 6.40

9.51 10.01 10.04

6.29 6.32 6.35



ADS 7438 . 9 32.3 +40 11 6.4 Fz

6.76 +0.33 -0.03 4 Dec 63 60"  
A 6.76 +0.34 -0.05 20 Dec 63 <sup>200"</sup> 63

8.09 +0.44 -0.07 20 Dec 63 200"  
B 8.06 +0.41 -0.06 4 Dec 63 60"

8.36 +0.46 -0.07 20 Dec 63 200"  
C 8.36 +0.42 -0.06 4 Dec 63 60"

W N Ma

9 41.1 +54 08 1962

A05791

<sup>mm</sup>  
0.63 hole

B

12.37 +1.79 +1.19 1 Jan 62

12.33 +1.42 + (3.11) 2 Jan 62

7.75 +0.66 +0.07 27 Dec 62 60"

A

7.90 +0.65 +0.07 1 Jan 62

8.04 +0.66 +0.09 } 20"

8.48 +0.71 +0.14 } 20"

WG 300A (4p)

9.53 +0.99 +0.67 <sup>22 Dec 62</sup>  
60"

7.7  
8.5 +0.66 +0.08

G-117-B11 9 43.4 +33 05 1950

15.30 +1.61 — 27 Nov 62 100<sup>4</sup>  
15.06 +1.60 — 22 Apr 63 200

17.32 +0.38 — 0.43 27 Nov 62 100<sup>4</sup>  
17.15 +0.41 — 0.40 27 Apr 63 200

W6241  
~~W6247~~

9 38.5 +13 26 10.6 AM 2

8558

10.36 +1.44 +1.21 20 Jan 64 100"

642-17

+1.25  
10.42 +1.53 +~~1.53~~

19 Jan 64 100"

6540

10.42 +1.51 +1.31  
10.39 +1.44 +1.22  
10.40 +1.505 +1.285

29 Feb 65 100"  
2 Mar 65

480 2269 9 46.5 + 08 03 0113-5

9.38 + 0.93 + 0.65 8 May

10.5 9.86 + 0.92 + 0.63 21 Feb 63 100<sup>4</sup>

X Dec

948.4 +12 07 1950

A

13.77	+0.89	+0.53	1 Jan 62
13.79	+0.89	+0.55	2 Jan 62
<del>12.66</del>	<del>-0.07</del>		
13.76	+0.89	+0.57	27 Feb 62 100
13.72	+0.86	+0.65	3 " "
13.69	+0.90	+0.54	5

X

12.66	-0.07	-0.73	100 2 Feb 62
12.34	-0.05	-0.72	" 3 " "
{ 12.43	-0.03	-0.77 }	5
{ 12.42	-0.04	-0.78 }	

+550 1351 9 46.6 +55 19

9.50 +0.97 +0.66 Apr 4 62  
9.50 +0.97 +0.89 3

near 10.10 +0.94 +0.54 Apr 4 62 60"  
10. pip +0.93 +0.52 3  
10.14

6-18-15

9 47.0 + 41.01 net w. D.

= 6-16-57

12.41 + 0.60 - 0.08 17 mar 64 600

12.33 + 0.57 - 0.05 101" 20 mar 64

12.39 + 0.60 - 0.09 20 Dec 63 net

12.37 + 0.59 - 0.11 2 mar 65 100

12.36 + 0.59 0.08 ~~0.08~~



Tom 573

LOS 285

✓ 1662-62

ADS7589 9 54.3 +20 00

A 7.58 +54 -01 4Apr 62 60"  
\* 7.62 +58 +01 4May 62 100"  
7.60 70.56 -0.00

B 8.38 +0.68 +0.15 4Apr 62 60"  
\* 8.41 +0.71 +0.19 4May 62 100"  
8.40 +0.70 +0.17

V 558 9 5-0.3 +3 24 1963 9.2 MOP

8.91 +1.23 +1.21 19 June 64 100"  
8.90 +1.23 +1.24 14 Apr 64 100"

8.95 8.29 8.29 +0.46 12 Feb 64 100"  
9.64 8.86 8.13 +0.49 25 Mar 64 60"  
9.21  
3.6  
8.86 8.29 +0.46 10 Apr 64 100"

AOS 7555

9 50.0 -> 52 1950

r Sen <sup>5.9</sup> 5.05 + 0.4 (1.5<sup>2</sup>) Capel

5.5 } orbit

5.9 } orbit

B

12.26 + 0.70

+ 0.15

100 276  
62

36"

12.28 + 0.62

+ 0.12

100 3"

12.4

\*

12.31 + 0.70

+ 0.25

100  
47 May 62

12.20 + 0.72

+ 0.20

7 May

12.28 + 0.67

+ 0.18

21

AC head 9 57.5 +17 42 1950  
0.44

9.45 +1.06 +0.86 102 12.11.63 100  
9.53 +1.05 +0.88 102 2.1.62  
9.49 +1.03 +0.87 100 3"  
9.48 +1.05 +0.86 5  
9.48 +1.07 +0.86 " 20 1.6.63  
9.47 +1.11 +0.83 " 23 " "

C 8.06 +0.47 -0.02 12.11.63 E 11.36 +0.52 -10.03 12.11.63  
8.09 +0.50 -0.02 20.2.6  
B 10.67 +0.63 -10.56 20 "  
D 9.65 +0.69 +0.22 " "

AD57604 9 57.6 +6 29

7.69 +0.47 -0.03 3 Mar 54 200"

10.53 +0.97 +0.74 3 Mar 54 200"

AP 87621 10 01.5 +38 13 1942

00.9 16

6.74 +0.54 0.00 23 Dec 63 200

6.80 +0.53 +0.04 22 Apr 63 200

6.74 +0.51 -0.02 16 May 63 60"

6.80 +0.52 +0.06 13 Dec 63 100"

6.80 +0.52 +0.03 14 " "

6.80 +0.52 +0.03

13.50 +0.84 +0.27 22 Apr 63 200

13.44 +0.40 +0.33 13 Dec 63 100"

13.47 +0.81 +0.32 14 " "

13.57 +0.83 +0.24 23 Dec 63 200

13.57 +0.82 +0.30

7633 10 06<sup>02.9</sup> 5 +38 47 1960

7.40 +0.25 +0.08 23 Dec 62 2000

7.33 +0.25 +0.09 13 Dec 63 1000

~~7.29 +0.23 +0.13 22 Dec 62 600~~

~~7.380 +0.29 +0.10~~

11.85 +0.97 +0.57 23 Dec 63 2000

11.78 +0.97 +0.57 22 " " "

11.72 +0.93 +0.60 13 Dec 63 1000

11.74 +0.97 +0.56 14 " " "

11.78 +0.945 +0.58



X Y 100 9 58.9 +17 39 1950

0.25

9.51 +1.01 +0.71 19 Jan 64 100'

( 9.59 +0.77 +0.83) 100 = 2662

9.64 +0.94 +0.69? " 3" 62

9.81 +0.99 +0.71 5

9.50 +0.97 +0.65 100 20 2663

9.60 +1.02 +0.65 " 23 " "

9.49 +0.95 +0.64 " 12 2663

11.67 +0.65 +0.11 19 Jan 64 100'

11.63 +0.63 +0.07 12 Dec 63 100'

B

~~D~~ D 9.65 +0.69 +0.30 19 June 100'

~~D~~

MS C 8.08 +0.53 +0.02

19 June 100'

MS

ADS7662MB

10 06.6 +20 35- 4.4 FS  
AZ

6.73 +0.53 +0.31 12 Dec 63 100°

6.72 +0.58 +0.30 13 Dec 63 100°

6.73 +0.56 +0.31 9 Apr 64 100°

6.80 +0.54 +0.34 12 ..

AOS/654 10 05.7 +12 13 1950

2 Red

1.5 } 176"

8.0 } 3"

13.5 } 3"

154

62

B 8.21 +0.87 +0.55 100 712

8.09 +0.90 +0.53 100 73

8.12 +0.88 (+0.46) 5

8.14 +0.88 +0.54

ADS 7651 Air class bring 5m no no  
10 05.48 +31 51 1550

A 4.22 +0.44 0.00 ~ 20"

B 13.65 +6.49 +6.48 200 Jun 96 ~  
(13.79 +1.24 +1.06) " Dec 7 1963

13.71 +1.53 +6.01 " " 18"  
13.75 +1.51 +1.14 " " 23"  
13.70 +1.51 +1.20  
6.20 +0.47 +0.01 17 Dec 63 500"

6.30 +0.43 -0.01 18 " "  
6.25 +0.45 +0.02

7705

10 13.9 + 71 19

6.67 + 0.31 - 0.18

6.65 + 0.32 + 0.22

21 Dec 60<sup>''</sup>

22

7.38 + 0.29 + 0.14

7.35 + 0.30 + 0.22

21 Dec 60<sup>''</sup>

22



G-53-38

10 13.6 - 1 04 156 277 15.20

55-8

.56 269 15.50

162-34

.53 271 15.70

15.33 +0.32 -0.48 16 April 2000



ADS 7730 10 18.5<sup>12.9</sup> + 06 38<sup>41</sup> 7.9 8.0 9 F7 2.7  
9.3

AB 7.34 + 0.49 + 0.16 4 Mar 64 200"  
7.18 + 0.50 + 0.09 14 Jun 64 "

C 9.62 + 0.58 + 0.02 4 Mar 64 200"  
9.39 + 0.46 + 0.09 14 Jun 64 200"

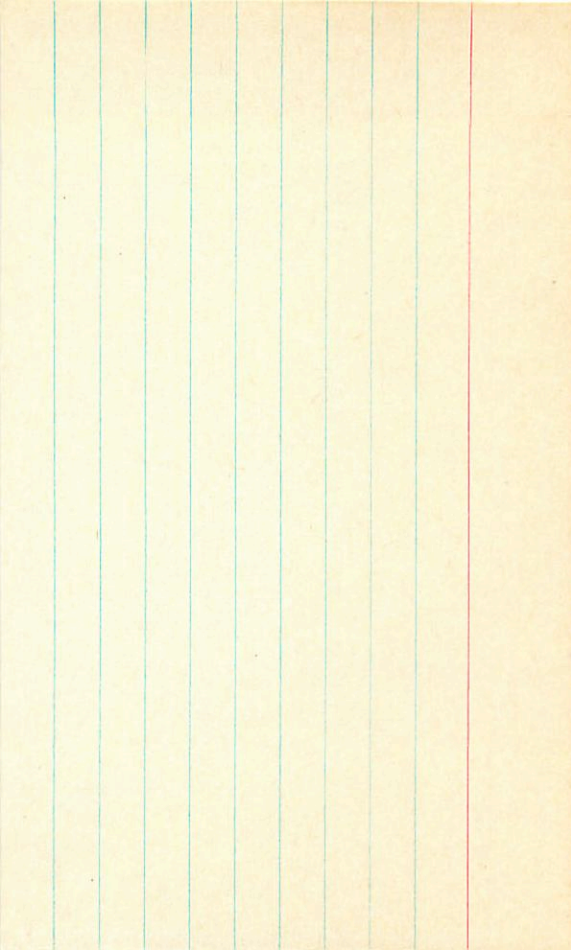
G-44-27

10 33.0 + 5 17

12.61 + 1.56 + 1.12 = 25 29.65 100'

12.58 + 1.56 + 1.10 = 20 minutes 700'

↓  
then 12.58 + 1.55 + 0.89 → 10 minutes before



L-B 825-14 10 31.7 -11 29 1955 0.33  
0.31

12.7a

1370

G162-66

GTT 3870

12.91 -0.13 -0.97 4 May 200'

13.16 -0.32 -0.98 5 " "

12.94 -0.16 -1.07

12.52 -0.14 -1.02

ADS7817 10 29.2 +22 18 7.45<sup>0550</sup>

8.13 +0.23 +0.06 12 Dec 63 1000"  
8.12 +0.27 +0.05 13 " " "

8.43 +0.31 +0.06 12 Dec 63 1000"  
8.43 +0.35 +0.05 13 " " "

BDS 495A  
B

A 8.33 +1.22 +0.97 4 Dec

B 9.27 +1.16 +0.93 4 Dec

ADS

787/AB

10 37.1 +05 06 2.9d/26.443

W6643

~~7.50 +0.39 -0.07 March 26 42~~

7.51 +0.44 +0.02 12 Dec 63 1000

7.49 +0.46 +0.02 16 " " "

---

7.50 +0.45 +0.02

ADS 7842 10 332 + 249 1950 <sup>65</sup>

A 9.57 +0.34 +0.01 12 11 63 150"  
9.59 +0.38 +0.01 13 " " "  
9.57 +0.37 -0.01 14 " " "  
9.58 +0.365 0.00

B 9.67 +0.50 +0.01 12 11 63 150"  
9.67 +0.53 +0.01 13 " " "  
9.67 +0.51 0.00 14 " " "  
9.67 +0.51 +0.01



6620 10 40.6 +44 28 5.3df=0

7420

5.18 +0.33 +0.01 10

5.19 +0.33 +0.02 March 25 62

5.16 +0.32 0.00 26

5.18 +0.325 +0.01 ✓

C-44-32 ✓

10 39.2 + 14.32 1950

16.57 + 0.27 - 0.54 1 Jan 62

16.54 + 0.28 - 0.56 2 Jan 62

16.53 + 0.32 - 0.55 26 Feb 63

12055 + 0.29 - 0.58

1057955 1049.6 + 744.925  
1550

23 Weeks 200	+0.12	+0.28	8.33
12 Weeks 100	+0.15	+0.86	8.20
13 "	+0.41	+0.90	8.21
14 "	+0.44	+0.86	8.20
	<u>+0.44</u>	<u>+0.87</u>	<u>8.21</u>

12 Weeks 300	-0.04	+0.51	9.26
13 "	-0.04	+0.54	9.25
14 "	-0.03	+0.48	9.27
23 Weeks 200	-0.04	+0.53	9.27

ADS 7925

10 44.4 465 43 76.88

76.66 + 0.53 + 0.09  
7.71 + 0.54 + 0.67

17 Dec 63 200'  
23 " " "

10.65 + 0.99 + 0.74 17 Dec 63 200'  
10.70 + 1.02 + 0.76 23 Dec 63 "

6676 10 41.1 +44 28 8.1 d80

+72

7.38 450

7.33 +0.55 -0.01 March 25-62

7.30 +0.54 0.00 26

7.32 +0.545 0.00

7.164 40.55

N Z Leo 10 379 +13 50 1950

9.64 +0.38 +0.08 19 Jan 64 100"

9.8-10.2 9.66 +0.38 (-0.02) 1 Jan 62 200"

9.62 9.65 +0.37 +0.05 2 " " "

9.75 9.75 +0.34 +0.03 20 Feb 63 100"

A 9.75 +0.35 +0.05 21 " " "

12.24+53+01 9.53 +0.40 +0.01 23 " " "

12.26+0.55+07<sup>11/12</sup> 10.01 +0.37 +0.07 26 Feb 63 "

9.5-10.0 +0.37 +0.043 60m

C 13.29 ~~+0.15~~ +0.65 +0.12

B 12.43 ~~+0.22~~ +0.72 +0.22

6898-25      10 55.3 -7 15      1950

14.24 +0.34 -0.51      4 Mar 64 200"

14.33 +0.30 -0.51      5 " "

14.26 +0.32 -0.52      3 " "

14.28 +0.32 -0.51



AD S 7967      10      50.9 - 1      59 195-0

" " -090      6.17      +0.92      +0.60      7 May

" " -090      6.13      +0.94      +0.62      5 May

A      6.02 (+0.75) (+0.44)      4 Apr 62

6.20      +0.97      +0.60      3 May

\*      6.19      +0.92      +0.61      4 May 100 62

6.17      +0.94      +0.61

B (8.60 +0.41 -0.03)      4 Apr 62 60"

8.79      +0.60      +0.02

\*      8.74      +0.55      +0.01      3 May 100

8.75      +0.55      +0.01      7 May

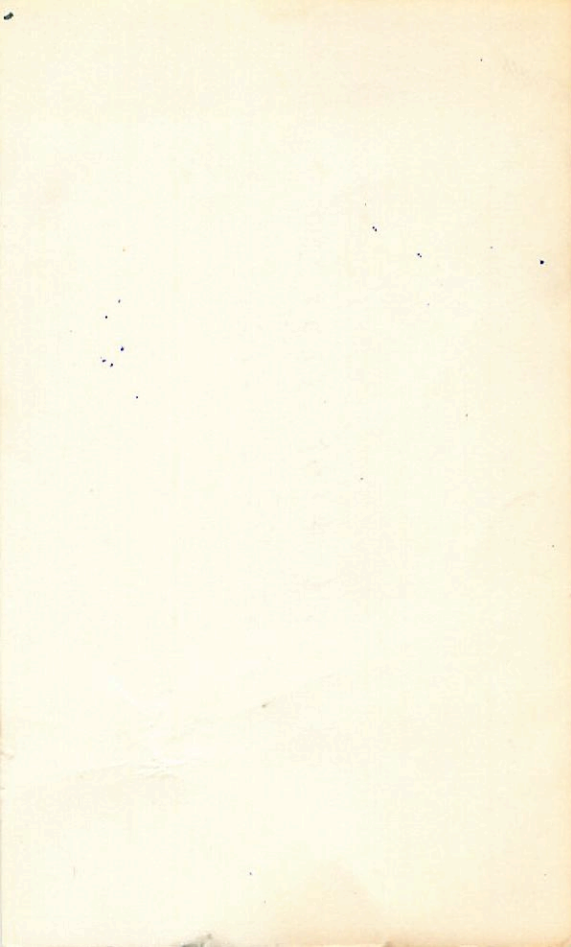
8.71      +0.58      0.00      21 May "

8.75      +0.58      +0.01

G-45-20 10 54.1 +7 19 195-0  
54.5 ~~7~~ 15 19

W/W/359

13.56 + 2.01 + 1.19 2 Jun 62<sup>200</sup>  
\* 13.54 + 1.98 + 1.22 3 May 62 100"  
13.55 + 2.00 + 1.21



+20° 2546 10 59.3 +19 47 78 FS

8.79 +0.53 +0.01 20 7663 1004

~~ADS7995~~

~~10 55.7 +37 18 8.665~~

A

8.73	+0.78	+0.31	17 Dec 63 200 <sup>9</sup>
8.83	+0.78	+0.27	23 " " "
<u>8.78</u>	<u>+0.78</u>	<u>+0.29</u>	

B

10.56	+1.14	+0.99	17 Dec 63 200 <sup>9</sup>
10.65	+1.16	+0.94	23 " " "
<u>10.60</u>	<u>+1.15</u>	<u>+0.96</u>	

G-5-8-32 / 0 58.2 + 23 02 1965

10.02	+ 1.56	+ 1.22	25	4.25	100
10.05	+ 1.54	+ 1.22	26		
10.04	+ 1.54	+ 1.22			



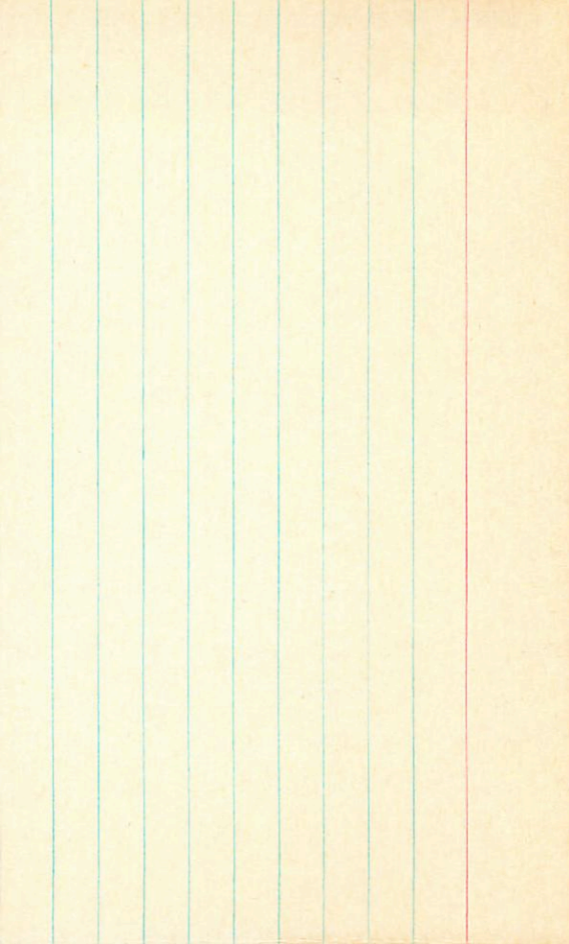
G-163-39/40 11 00.4 -3 07

LD5330

8.88 +0.88 +0.68 25-2665 100"

12.92 +1.44 +1.27 25-2665 100"





RDS 8022 10 58.9 14 53 8.8

9.34 +0.54 0.00 13 Dec 63 1400  
9.37 +0.51 +0.01 14 " "  
9.35 +0.525 +0.005

10.25 +0.64 +0.06 13 Dec 63 1400  
10.24 +0.60 +0.07  
10.24 +0.62 +0.065

AD58024

AM Leo (A)

8.2-8.7  $\Delta$  0.3610 59.6  $\pm$  10 10 1950

9.24 +0.53 -0.03 8 mag

9.76 +0.60. -0.04 5 mag

A 9.21 +0.56 +0.05 1 Jun 62

(9.34 +0.65) +0.21 2 Jun 62

9.19 +0.57 +0.01 100 2 26 62

\* 9.14 +0.54 -0.01

Good  $\rightarrow$ A 9.1  
9.8 +0.55 0.00

B 10.65 +0.67 +0.15

Good  $\rightarrow$ 

B 10.68 +0.71 +0.09 1 Jun 62

10.78 +0.72 +0.39 2 Jun 62

10.66 +0.66 +0.20 228 62

\* 10.62 +0.67 +0.14 4 mag

10.63 -0.68 +0.12 5 mag

AD58048 11 02.2 -3.57 1350

10.25 11.00  
7.5 18.0  
7.6 9.40

\* BC 10.33 +1.39 +1.25 9 May 62  
10.17 +1.38 +2.11 5

10.26 +1.37 +1.09 28 Dec 62 100<sup>8</sup>

10.25 +1.38 +1.15 28 Dec 62 100<sup>8</sup>

7.68 +0.77 +0.33

\* A 7.65 +0.76 +0.34 4 May 62

7.58 +0.80 +0.33 5

7.64 +0.77 +0.33

AD58061

11

046

11

11

1950

A 9.29 10.97 +0.72 2 Jan 62

hole 0.63

B 9.52 10.94 +0.41 2 Jan 62

AD58048 11 02.2 -3 57 1950

A 7.59 7.28 +0.26 10 Dec 63 100"  
7.84 7.48 +0.27 10 Apr 64 100"

6.0

BC 10.19 9.23<sup>27</sup> +0.74 10 Dec 63 100"  
~~10.30 9.37 +0.85 12 Feb 64 100"~~  
10.45 9.38 +0.76 10 Apr 64 100"  
10.19 9.19 -0.74 11 " "

A 7.64 +77 +33 ③

BC 10.25 +138 +65 ③

L 970-27/30

11 0 5.6 -4 5-F

	13.03	+0.10	-0.69	100" many 362
*	12.94	+0.05	-0.69	" " 4
	(12.89)	+0.12	-0.69	5
	<hr/> 12.92	<hr/> +0.09	<hr/> -0.69	

	12.54	+1.56	+1.31	100" many 362
*	12.54	+1.52	(+1.16)	100" 4
	12.48	+1.48	+1.35	5
	<hr/> 12.51	<hr/> +1.52	<hr/> +1.33	

LTT 12989 // 05.0 + 14088.7 AS

+1982345

~~874+053~~

7.37 + 0.54 + 0.06 20763 corr



LB 253 // 04.8 +60

182

13.79 - 0.02 - 0.82 4 March 200'

13.81 - 0.03 - 0.90 5 March 200''

13.80 - 0.02 - 0.81

8083 11 08.8 +30 89 1940

8.40 +1.37 +1.32 19 Jan 61

A 8.40 +1.34 +1.26 28 Dec 2009

8.38 +1.35 +1.25 29 " "

10.07 +1.50 +1.26 19 Jan 61

10.01 +1.45 +1.16 28 Dec

10.03 +1.50 +1.14 29 "

C 9.09 +0.88 +0.49 28 Dec

9.07 +0.90 +0.49 29 "

AOS  
8/08

3 02  
11 13.8 + 63 00 1960

\* 6.51 +0.43 -0.12 17 mag 63 60"  
6.51 +0.47 -0.06 22 Dec 62 60"  
6.42 +0.40 -0.19 15 mag 63 60"  
6.50 +0.43 -0.12 (3)

8.03 +0.64 -0.04 22 Dec 62  
8.00 +0.57 -0.06 15 mag 63 60"  
\* 8.05 +0.60 -0.02 17 ..."  
8.03 +0.60 -0.04 (3)

6859

11

06.7

+82 00

21.853

7.15 +0.64 +0.02 15 mag 63 60'

7.13 +0.63 +0.16 16 " " "

7.25 +0.70 +0.34 19 " " "

149

59

66

8131

11

<sup>16.5</sup>  
17.3

-01

<sup>23</sup>  
26

1960

7.09 +0.52 +0.05 28 Dec 62 100'

7.08 +0.53 +0.04 26 Feb 63 "

7.92 +0.68 +0.25 28 Dec 62 100'

7.89 +0.68 +0.27 26 Feb 63 "

G-10-11 // 16.4 -0301 1963

15.28 +0.09 -0.76 4 March 2006

15.34 +0.09 -0.78 3 " " "

15.29 +0.09 -0.75 5 " " "

15.30 +0.09 -0.76

F38

11 14.2 +7 14

12.98 -0.23 -0.98 27 June 62

8/9/ 11 29.1 +59 54 1940

7.35 +0.26 +0.18 22 Aug 62 60"

8.21 +0.16 +0.15 22 Aug 62 "



\$1836     11277<sup>2</sup>     -2414     1542<sup>1</sup>

A 5.71 + 0.07 (1.56) ~~same~~

8.74 - 1043     0.00     2126300<sup>4</sup>

F43

.11 26.5 +38 28 1950

W.D

14.88 -0.15 -0.98 124263'00"  
14.91 -0.11 -0.98 124264'00"  
14.90 -0.13 -0.98

ADS 8231

11 33.7 +28 03 1910

$$5.80 +0.26 +0.08 \quad 20''$$

$$5.84 +0.25 +0.08 \quad 17 \text{ mag}$$

$$AB \quad 5.86 +0.24 +0.09 \quad 10V = 27662$$

$$5.81 +0.25 +0.10 \quad 11 \text{ 10 mag 2}$$

$$\underline{5.83} \quad +25 \quad +09$$

$$C \quad 11.18 +1.45 \quad +1.41 \quad 100 = 2262$$

$$\underline{11.14} +1.31 \quad +1.41 \quad 100 \text{ mag}$$

$$\underline{11.17} \quad +1.39 \quad +1.41$$

8196

11 29.7<sup>2</sup>

114

1960

39

36

6.35 +0.57 +0.07 27 Dec 62<sup>'00'</sup>

6.33 +0.57 +0.06 29 " " "

9.22 +1.14

+1.01

27 Dec 62<sup>'00'</sup>

9.22 +1.14

+1.05

29 " " "

F46 11 34.9 J14 27 sd0 +170<sup>h/m</sup>

? 13.28 ~ 30

→ 13.00 -0.02 -1.14 26 Dec 62 1005

13.28 -0.29 -1.12 27 " "

W7078/9

11 36.1 hrs 23

6.5 day  
8.4 days

60"

6.47 +0.58 -0.01 16 mg 43

~~6.47~~ +0.57 -0.01 17 " "

8.41 +1.14 +0.53 16 mg 43

8.40 +0.96 +0.72 17 " "

F47

11 36.0

45 10 1943

16.50 +0.21 -0.69 14 Jan 64 2004

B 13.42 +1.09 +0.60 14 Jan 64 2004

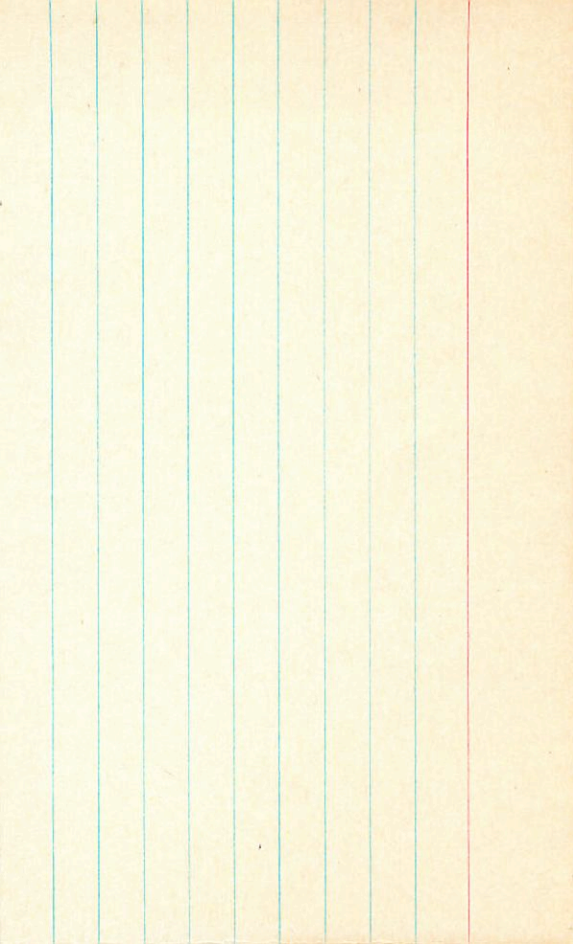
Q122-37

11 35.1 + 42 0 7 1550

A 9.80 + 0.75 + 0.29 2 mm 6.5

B 14.47 + 1.68 + 1.08 2 mm 6.5





AD58280 N 4.1 + 4.28 9.5

$$\begin{array}{r} A \quad 11.92 \quad +0.49 \quad -0.08 \quad 17 \text{ Dec } 63 \\ \hline 11.80 \quad +0.47 \quad -0.08 \quad 23 \text{ " " } \\ \hline 11.47 \quad +0.48 \quad -0.08 \end{array}$$

$$\begin{array}{r} B \quad 11.18 \quad +0.53 \quad -0.05 \quad 17 \text{ Dec } 63 \\ \hline 11.26 \quad +0.45 \quad -0.09 \quad 23 \text{ " " } \\ \hline 11.22 \quad +0.44 \quad -0.07 \end{array}$$

$$\begin{array}{r} C \quad 11.06 \quad +1.01 \quad +0.70 \quad 17 \text{ Dec } 63 \\ \hline 11.13 \quad +1.00 \quad +0.63 \quad 23 \text{ " " } \\ \hline 11.10 \quad +1.00 \quad +0.66 \end{array}$$

W 2499

11 27.4 +30

12 1950

7.0 }  
9.0 } 0 kypin

7.12 +0.37 +0.01 29 Dec 62 100''

6.96 +0.41 +0.02 12 Jun 64 200''

9.42 +0.73 +0.75 5 March 64

9.46 +0.75 +0.73 29 Dec 62 100''

9.45 +0.77 +0.30 12 Jun 64 200''

9.47 +0.73 +0.24

BD 55801

AD 58257

11 37.0 + 19 14 20FS

8-9FS

7.23 +0.44 +0.15 19 June 4

7.24 +0.40 +0.14 12 Dec 63 100'

7.22 +0.46 +0.12 13 " " "

7.23 +0.43 +0.15

8.50 +0.32 +0.04 12 Dec 63 100'

8.50 +0.37 +0.08 13 " " "

8.49 +0.34 +0.11 19 June 64 100'

8.50 +0.35 +0.08

2551

6-148-4/7

11 43.4 +32 66

13.77 +0.04 -0.54

13.66 +0.06 -0.45

13.47 +0.05 -0.30

13.58 +0.05 -0.68

13.58 +0.06 -0.68

13.74 +0.02 -0.71

N 11

13.67  
+0.015

14.09 +1.64 ~~+1.67~~

14.18 +1.59 ~~+1.61~~

14.08 +1.65 +1.14

14.06 +1.69 +1.28

14.10 +1.59 +1.28

14.08 +1.58 +1.12

14.07 +1.60 +1.14

24 Feb 63 200'

17 Dec 63 200'

27 Feb 64 200'

74 Dec 100'

13 Dec 63 100'  
11 Mar 66 (200')

13 Dec 63 100'

14 " " "

17 Dec 63 200'

27 Jun 66 200'

24 " " "

11 Mar 64 200'

AD58275

11 41.6 72530 6.2125<sup>1950</sup>

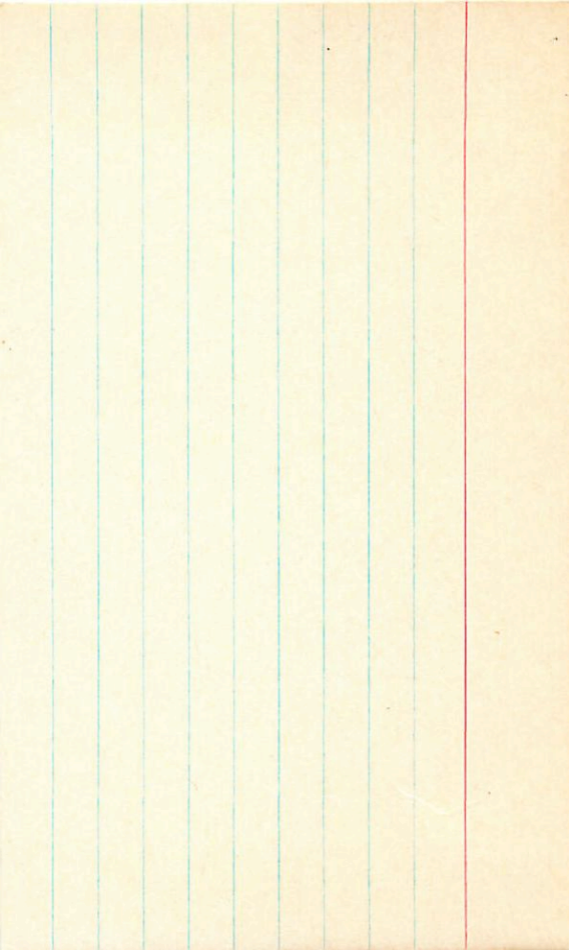
6.04	+1.51	+1.83	12	12	63	100°
6.06	+1.61	+1.84	13	"	"	"
6.03	+1.52	+1.84	14	"	"	"
<u>6.04</u>	<u>+1.53</u>	<u>+1.85</u>				

10.82	+0.61	+0.19	12	12	63	100°
10.82	+0.67	+0.19	13	"	"	"
10.81	+0.67	+0.20	14	"	"	"
<u>10.82</u>	<u>+0.62</u>	<u>+0.19</u>				

G122-45/46 11 42.9 +48 00

8.06 +0.61 +0.02 1 mark 5  
8.06 +0.60 0.00 2 "

14.24 +1.52 +1.12 1 mark 5  
14.20 +1.49 +1.11 2





~~Plumula 79 11 46<sup>5</sup> +31 52 1900~~

SSI 37

49.1 13.2 20  
+32 08

$m_2 = .109$

$m_3 = -.043$

12.88 +0.33 -0.01 232663, 100"

F49

11 45.0 -15 49 B1 +67

12.88 -0.30 -1.08 27 du 62.00"