4779 −4 +16 12 25.9 −56 08 dG8

108570

6.15 +0.92 +0.58 2 Agkl0
5.57 +0.38 (2)

5.20
53

−0284 −0.240 GCT
+ 2 + 6.6
+44 +7.5

467
41
055

+6
−2359

415

−235 −229

4749.000*

12.000*
25.900*
-56.000*
-8.000*
-0.235*
-0.229*
4.1 4.150*
+66 67.608
7.500

0.814
-0.493

+50 51.316

-0.615
-0.863

-47 -48.065

-1.174
0.110

-76 -78.547

50.1925

108660 12 262 449 5-4

-0075 +002

000

108 64/32 48/21 4/91 4

15.115 1905.8 -0069 41.74 1905.9

332 -09

.447 41.65

-0072 +002

15.160 41.75 1944.62

+19 -11

15.179 268 41.64

1085 23 12 26.5 -15 22 GCD

-14.35 H

H5 -27.1 (1)

RR CVn 12 26.5 +34 56 -10dw(1)

-009±12 +006±12 BB

17 Com	5.29 -0.05 -0.12 Aop

108662 12 26.4 +26 11 5.4 Aop -2.78

17012

7503

-0017 26 -022 N30

-0019 ± 2.0 -021 ± 1.7

AD 58568

CB

17 Com A Cr Sr Eu 12 26.4 +26 12

4752 2541 041 -1.5

108662 210 886 2.850

-048 [illegible] [illegible] Cr

20 890

4751 120 231 833 2843 403 4.5 -10 -10 00

1298
68
1310

Open
4751 C

CB

4752.000*

12.000*
26.400*
26.000*
12.000*
-0.010*
-0.010*
4.500*
79.433
0.000

0.017
0.064

1.324

0.065

ADS8569 12 26.6 +31 40 -47.3

+.040 (marked ″)
+.0110 (marked s) -056 -4960

-860 +496 +119
+501 +865 +021
+093 -078 +443

+5707	-1176	-6883	-68.8	-55.6	-74.4
+3325	-2050	+1275	+12.8	-1.0	+11.8
+0617	+0185	+0802	+8.0	-47.0	-39

.740 -28d 24

108683 12 26.7 -37 59 9.3 n

-49 (P)

-0061 -018 Yale 1000 pa.
+ 3 + 2
-0058 -016
-064 -016

9.22 +2.85 1 Apr 69
9.61 +3.08 11 Apr 70
7.50 +95 25 July
7.54 +92 27 July 69
7.78 +95 29 Apr 69
7.64 +98 30 " "

7.78 +1.055 4 Apr 70
7.78 +1.045 12 " "

-860 282 -425	+2813 -0217	+2600
5013.5 -806	-1638 -0239	-1877
093 906 412	-0307 -0687	-0991

1000

+260	+272	+12
-188	-166	+22.5
-95	-110	-11.5

1600 ps.

7.73 +09 -01

1.2 +13

+18° 26.4 12 26.8 +17 36 -46 (2) 7.8

108 74

+0009 -058 4

-2 -6

+007 -064 Correct →

0 +4

+007 -060

7510W 12 27.0 +24 23 5.5 mg F2

0417020

e12.5 +25.1

Orbit

50 psi

-030 -008 GL
0 f4

-030 -004 →

-854	+514	+036	+1217	-0098	+1119	+5.6	+0.9
+511	+856	-056	-0727	-0163	+890	-9.4	-2.1
+074	+052	+1000	-0105	0	-0105	-0.5	+25.0

+6.5

-11.5

+24.5

+25 2511 12 28.7 +24 36

9.64

9.70 0.477 0.252 0.376 9.36 0.29

26 72

+25° 25" 12 27.1 +24 47 10.4 G&Z

Tn 15V 247 +25 03 [illegible]

[illegible] 8, 167

1930

Van [illegible]

Not [illegible]

-11 -22 ppm

-014 -017 PPM

TN 150

Slug[illegible] H R Gunn[illegible] [illegible] 1963

12 24 41 +25 04.4 (1950)

12 27.2 +24 45

40 [illegible]

5 [illegible]

12.450
24.000
-12.000
-22.000
4.500
79
0.000

-0.859
0.510
0.049
-0.825
-0.701

0.505
0.859
-0.084
-115.655
-9.187

0.085
0.047
0.995
-9.303
-0.739

66

-8 (6) 25p

20 Com 12 27.2 +21 10 A1n -5.6 b

HR4756 108765 5.72 +0.07 +0.09 A3 +025 -038 GC

~~17026~~ 17026 8 +022 -034 N

7513 +0016 -034 N30 +024 -034 F

+0017 ± 1.4 -034 ± 1.4 GC - N30 +024 -035

FK4

+00123 -0376 +00179 -0339 7889 8395 0400

+0242 +00181 -0332 -6145 -5434

+0261 -0332 +0 0253

+0.0272 -0288

-118 -993 362 532 +024 -035 -5.6 -013 -2.0 -15.6

+003 002 024 013 ~~-076~~ -047 ~~+047~~ -123 -5.2 +5.1 +0.6 015

+2.0 +7.6 -13.4

-12 -5 -6

01

~~5~~ (7)

+240 2294 12 27.7 +28 41

-76.4 (4)
-64.0 (1)
-059 -026

U 24-103 9.64 +0.875 +0.49

R = ~~8.84~~ 9.22 R-I = +305 444

~ 1 - 3
-060 -029
0 +3
-060 -026

-858 506 084	+2440 -0623	+1817 +35
506 862 -019	-1439 -1042	-2501 -547
083 -026 994	-0284 +0032	-0256 (-5)

150 pc.

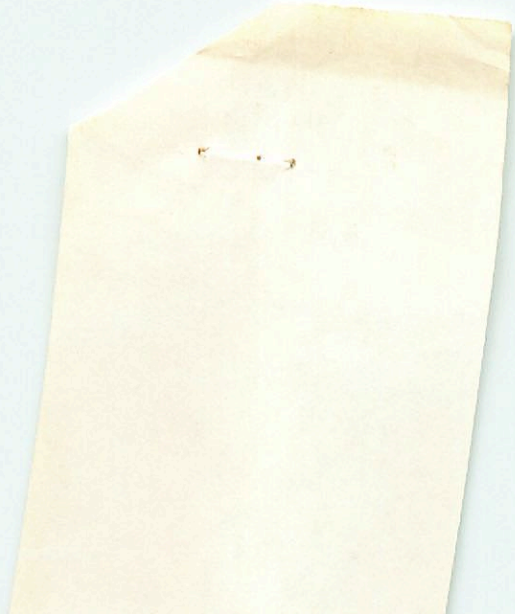
6.4 m

3 Rev

8.45
~~4.51~~
+2.05

Mbol +3.05

3 Rev



+31° 2373 12 23.1 +31 48 660

12 25.4 +31 32

12 27.84 9.2 +31 16.49

+119 ③

+132 ② Upgrm

+103 1 ocw

8 33

83

7.3

5

E.B. Lex. -.013 +.078

9.16 K8 +6.9

-0.013 +0.078

-13 +78 +10.3 2.55

-042 +072 AG163

-0010 +078

660.000*

12.000*
27.800*
31.000*
16.000*
-0.013*
0.078*
2.550*
32.359
~~[illegible].300~~
13.0
0.239
0.104
9.08
~~[illegible].795~~

0.287
0.015
~~9.[illegible]~~ 50

-0.029
0.994
11.96
~~[illegible].296~~

+0040 ± 3.9 −029 ± 3.1 (+0.85) OD
+0040 −022 6.2

108861 12 27.7 +59 03 6-8 III − IV −16.56

17042

7521 44.269 1899.1 +59 2 38.01 1893.6

−204
.065

1.64
39.65

33.94
10.342
44.288
−.11
.169
.123

674
44.225
+.160

40.5

56.5 1926.3
17.75
38.75
+.18
38.93
.07
38.86

.97

38.66
−.99

44.238
.242
44.257
.259

38.65 1945.19
.23
38.42
39.72 1947.19
.03
39.69

11.868
39.6
46.0

−14.4 Orbit (X)

4765 12 27.9 +69 29 9 m4 263

2.37

108907 M3

17046 0.05 4.96 +1.62 +1.81 4 5gg 3.68 +1.05 5gg

1715 44

−01143 −0568 ±1.5

−0141 −057 var?

330

187

93

43

6.23

−13

2.63

2.37

+

−0602

−059 −052

~~1.70~~

14.7 Fid

364

328

187

1045

1006

+5

4765.000*

12.000*
27.900*
69.000*
29.000*

4763.000*

12.000*
27.900*
69.000*
23.000*
-0.059*
-0.052*
5.200*
173.780 VOLO
-14.000

6.08 0.158
0.392

20.5 22.04

-0.306
69 0.545
-5.74 -63.86

0.141
0.741

+13.6 14.21

4 Dra

203?

108907 12 27.9 +69 29 g M4 -13c

GC17046 -17.06(4)

W7523 5.0 -8.4w(3)

+70°700

Y2883

-0111 -057 (1.5) -147

-061 ±2 -055 ±2 GC

-031 -049 GAZ

CQ Dra

+31 -73 +21 .005

+23 -60 +17 .006

+15 -53 +13 .007

18.4(20)

2.6(5)

15.6

AD58575

+0035 ±2.6 −059 ±2.4

+0037 −060

108875 12 28.0 +10 00 7.9 dF5 −14.07

17047

7524

1.304 1895.3 +9 59 33.18 1887.0

−191

.113

1.228

21

249

1.283

6

289

269

+156

42.2

3.72

36.90

34.20 1934.8

−4

34.16

33.48 1940.27 7507

+11

33.59

33.6

−3.02

−3.02

37.5

50.5

Δm ≈ 0

1.5