

Eggs March 1467 6.73

6.58

Caper

6.55

Eggs 1974

R-I

B - 1064 064 1966

A 6.35 10.22-74

Observer:

58895.000*

/ - /

STAR

TIME

7.000*

23.300*

-58.000*

-24.000*

-0.084*

0.138*

2.400*

30.200

19.700

0.755

0.003

22.874

0.043

-0.947

-17.356

-0.118

-0.323

-9.921

Comments:

R.A. : 7.400
DEC. : -58.400
R.A. : -160.000
DEC. : 138.000
TANCE : 2.360
DULUS : 30
VEL. : 22.700

174
1 (U) : -0.375
2 (U) : 0.927
3 (U) : 0.003
dU : 755.449
U : 22.455

1 (V) : -0.299
2 (V) : -0.118
3 (V) : -0.947
dV : 41.264
V : -20.274

1 (W) : 0.877
2 (W) : 0.356
3 (W) : -0.321
dW : -115.729
W : -10.722

18.73

420

2881

7 28.8 - 30 51 + 14.4

55898

(51)

1.181 0.725 0.455 mF

1.182 4B

009

1239 813

1239413

517 354

8177

(1443)

(102)

8

038

(1551)

+8322 (2)

67243

1234827 225

415448

432

+004256

-001

44000 554

-0005

30.54 40.8

-001

094

(20417)

-0001

53

+002

347

(617 468 432 450)

54354

48.488

31.14

31.12

246 -0006 000

400502

49010

-31.20

8.1

686

0 430

57117

(2648)

14.48

-334

(-004+003)

52915

18.95

47

(B)

654 2-6

224

7.4

31.32

432

2466 P

-2.33

1076

48.978

(55.46)

31.18

43

1144 8781

48.981

7.15

47

(31.00)

18
242
5714
222

0.842
0.539
-0.018
-0.390
-1.170

-0.193
0.270
-0.943
7.660
-30.835

-0.504
0.798
0.331
21.312
12.347

-0.000
-30.400
-5.000
3.000
4.000
63
33.200

C2Ib

 $7.34 + 0.57 + 0.71 \text{ C}$

Handwritten note: $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

3.75 + 0.32 = 4.07

1807

Yr. 1888

1825

$$\frac{-20 \pm \sqrt{104}}{-0.13 - 0.06}$$

28-00150-0070

18
-0225

24.10

220

~~021-005~~

002-200

$$-0013 \pm 2.2$$

$$-0006 \pm 1.8$$

$$4.875 \quad 1895.0$$

$$-0015$$

$$12.82 \quad 1891.3$$

$$\begin{array}{r} 6.46 \\ 94 \end{array}$$

$$\begin{array}{r} 35 \\ 12.47 \end{array}$$

$$\begin{array}{r} 4.836 \\ 4.844 \\ \hline 16.68 \end{array}$$

$$\begin{array}{r} 12.24 \\ -11 \\ \hline 12.85 \end{array}$$

$$\begin{array}{r} 0014 - 0055 \\ 00162 - 00065 \end{array}$$

$$\begin{array}{r} 1243 \\ 1222 - 004 \end{array}$$

Observer:

3188.000*

STA

IME

8.000*

6.100*

-2.000*

-50.000*

-0.021*

-0.005*

9.250*

158

707.946

29.600

0.039

0.684

+26.2

47.742

0.001

-0.678

-18

-18.996

-0.095

0.270

-7

-59.021

Comments:

85217

9

469

704

35

146

454

1024 249 773 - 436

14 280

88 380

- 0044 - 0048 landing

410 251 360
304 160 172 264

(46273)

- 144 - 044

145P

146 246

150.00 - 50.41
21.75 0.43

4632

2.77

4948

0751

146

2142

8746 - 3714

8746 - 4515

1556 0029 1584

4948 - 2417

2.26

0049

R.A. : 9.750
DEC. : 4.600
R.A. : -148.000
DEC. : -48.000
TANCE : 2.770
DULUS : 36
VEL. : 14.200

136

1 (U) : -0.763
2 (U) : 0.448
3 (U) : 0.467
dU : 431.630
U : 22.082

2180

1 (V) : 0.101
2 (V) : 0.795
3 (V) : -0.598
dV : -251.318
V : -17.492

1713

1 (W) : 0.639
2 (W) : 0.409
3 (W) : 0.652
dW : -539.693
W : -10.073

10946

3188

~~6755~~

67554
79 746

(46)

1196 759 182

-00125 -018
-00145 -014

-0222
(56) -020-017

-0012-005 Carling

-018-005

-6611 6616
-7228 7496

-18
-5
7.58
+29.6

8 06.1 -2 50

+29.6 a

-0013±2.2 -020±5.7 -016
-0015 -0011 -0011

4.875 95.0

12.72 93.2023

7.7
9.7

1.14
11.68

4.834

(6.8768)

12.74

8
844

-11
12.85

8.1

4.837
864

(64.37)

(70.07)

12.85 -20
77

4.877
+20
897

(38.18)

13.05
+23
12.7

7.5
+29.6

R.A.	:	8.100
DEC.	:	-2.850
PM. R.A.	:	-18.000
PM. DEC.	:	-5.000
DISTANCE	:	7.580
MODULUS	:	328
RAD. VEL.	:	29.600

q1 (U)	:	-0.513
q2 (U)	:	0.518
q3 (U)	:	0.684
dU	:	31.445
U	:	30.570

q1 (V)	:	-0.185
q2 (V)	:	0.712
q3 (V)	:	-0.676
dV	:	-1.126
V	:	-20.421

q1 (W)	:	0.831
q2 (W)	:	0.47
q3 (W)	:	0.26
dW	:	-82.66
W	:	-19.14

32.18

8

16.7

+63

43

64.82

408.16

64.42 - 107.12

15.44 0.25

ND

55.6

-60.48 / 12.44

24.14 - 95.51 / 61.81

0.82	:	q1 (M)
0.01	:	q2 (M)
0.56	:	q3 (M)
0.00	:	MP
0.00	:	M

-0.159	:	q1 (V)
0.963	:	q2 (V)
0.216	:	q3 (V)
0.000	:	VP
0.000	:	V

-0.541	:	q1 (U)
-0.269	:	q2 (U)
0.797	:	q3 (U)
0.000	:	PU
0.000	:	U

0.000	:	DISTANCE
0.000	:	MODULUS
0.000	:	RAD. VEL.
10	:	

3673

1773

9 18.6 - 59 92

+16 1 post

74648

104

5.54 54 289.515

(1805)

+0002

-1706

GL II

117 164

(12)

(8.20 289)

24

32080 125

-108

26.13 68

1120 704 144 MF

37.141 40.02 2548

-2-x

134

266

70017 2006

37.125

(64.11)

2509

70018 2004

29

-20

700135 - 10075

+22

4

700140 - 10045

7014 - 001

4.37

+11

A. : 9.200
C. : -59.200
A. : 27.000
C. : -1.000
CE : 4.370
US : 75
L. : 16.000

U) : -0.693
U) : 0.706
U) : -0.142
dU : -48.789
U : -5.919

-20.6
15.2

V) : 0.005
V) : -0.192
V) : -0.981
dV : 1.236
V : -15.609

N) : 0.721
N) : 0.681
N) : -0.130
MF : 43.989
M : 1.216

14.6

74737

9 12.4 -44 16 G2IT

578 322

~~728~~ 712

7.52 883 322 544

680 533

(533)

11334 846/80

125' (132)

~~244~~ 16.26

299 054 12.630 228

74739

9

12.2

-50

50/3 IN/H

530 u/s

848 775 298 586

836 446

(1416)

1208 717

66

1.259 811 192

(620)

84441

9 430 t 24 020

1.274

83609

9 367 - 36 18 8-018

8.03 522 ¹⁰⁰265 ¹¹⁴520

766 288

6262

117 104

1.130 681 1/20

26

068

+24.0

3873

q 43.0 F

24° 0'

3.12609

176Leom

13443

6274

98.1

+5.0 a

-06330 -0151

-7

-8

9248

-8482

-4344 / 0456

0337

-0159

-046

q -0.759 0.264 0.595

+1655 -0194 +1456

+3.0 0.195 0.949 -0.301

-6425 -0715 -1140

-1.5 0.643 0.172 0.746

-1402 -0130 -1532

+3.7

3823

9

43.0

+2.7

60

2.94

188

47908

300 441 280 522

1.229

Go. II

+5.0a

+51.24F

84441

1.120 676

120 MF

-46.09 -9.57

1301 0.88

-044-015 GC

(14)

-06330

-0151 F124

31

G1 II Medium
normal

1106 617

-4.59

-045

+0115

-00322

-0143

W3 50

24009

-045

+0009

-00314

-0143

1301086

-044-012

FR2

-0136

-043-010.5

-8982

2577

+16

-10

-806

-11.1

+537

053 226 074 011

R.A. : 9.700
DEC. : 24.000
1. R.A. : -50.600
1. DEC. : -11.100
DISTANCE : 5.270
MODULUS : 113
). VEL. : 5.000

q1 (U) : -0.757
q2 (U) : 0.263
q3 (U) : 0.598
dU : 152.066
U : 20.209

q1 (V) : 0.092
q2 (V) : 0.949
q3 (V) : -0.301
dV : -70.107
V : -9.445

q1 (W) : 0.647
q2 (W) : 0.173
q3 (W) : 0.743
dW : -150.791
W : -13.361

3894 (4618)

9 47.3 121 25 48

85040

km=2

-48.48 -18.42

13528

6.34 6.44

147 214 918

(2522)

8640

1030-012

FAC (44)

7818 6235

-9876 0491
-1872 0054

1848-012

F105

-1427 -1123

9244 3811

-9114 0497
-9112 1013

7.28

543

2.3

8.13 20.5
70 30.05

104, 21 105, 503

AAS 109, 201

APIS 77, 513

ASP 103, 626

HC 3889 9500 9 42-0 +21 25 +22.2

06-14	035-1307	6.54
06-14	035-1307	7.19

13528	-	See next page	197
All 3 cases			
147 214	918	2788	197

ADS 6293

4/1 PAT Syd

-10022-017	ASD	CC 014	1031-012	678	4.15
				4.08	4.15

510-515-040

 ~~$-0.3 - 0.2$~~

水

[-04B-012]

58

2818

9876-

0443 0450

644

8118

623r

-1476

1951

400

413-013

AB 6770

$$c \cdot D \cdot D \rightarrow \text{SST}$$

A 758

B 7.58

954
1674

480

6.26

1

620

-0022 ± 2.0

-0030

-0031

2.384 19049

$\frac{174}{528}$

-017 ± 2.0

4291 19017

$\frac{629}{877}$

0445
0001
0445

788 9870
6235 -1570

-0031-018

-00315-0167

2.315

$\frac{27}{44}$

47.77

0059

0440
 $\frac{0445-013}{}$

$\frac{14}{47.88}$

613

42.02

42.55
42.03

2.247
 $\frac{124}{321}$

Observer:

7
6
5.9

- 1

STAR

TIME

5.7

139.0400

9.300
21.400
-46.000
-12.000
7.500
316.22
27.200

35

24

-0.768
0.297
0.567
139.091
59.399

20

-16.4

0.109
0.904
0.704
-0.341
-75.293
-33.097

+1

631
0.200
0.750
-139.399
-20.686

19

Comments:

9.800
31.400
-49.000
-13.000
5.800
145
27.200
-0.768
0.297
0.567
147.856
36.786

0.109
0.934
-0.341
-81.166
-21.019
0.631
0.200
0.750
-148.697
-1.097

85217
HR3893
GC13545

4 Sep

48772

9 47.9 +4 35 dFL

→ 6.23 +48 -03 (5)

6.23 +48 -04 C

6.23 +475 -025 2899

1304 160 421 (2) 50C 2.642

315

-150.10 -50.91

21.78 0.43

(4C+)

SB 3 2 sp

[m] 215 +16

[c] 354 +9

8/17/00
APP 171
PC = 41347

3.40 +27.9 -23.3 -14.0

+419 -269 -534

3.05d

30.45 +152795

8806

4778

19574 / 1584
-2887 0554

454

-0099 ± 2.0
-0100

-059 ± 1.7
-051

Sp. B. R

85217

9

47.9

+04

35

6.2

df=6 +17.4a

13545

6.22 + 45 + 1.60 2c"

4170 2.62

6305

1899.4

+4

34

42.58

1892.6

54.025
5014

45.97

43.41 1934.4

734

54.526
54.150
25

152
374

43.75

36.7

175

-1.64

43.48 1938.95

54.111
18

187
1372

43.68

44.1

37.3

54.822

43.72
-2.25

9.800	A.
4.600	C.
0.000	A.
0.000	C.
0.000	DE
10	US
0.000	
-0.768	)
0.448	)
0.457	)
0.000	U
0.000	U
0.109	)
0.795	)
0.000	)
0.000	)
0.409	)
0.660	(M
0.000	(M
0.000	MP
0.000	M

87323

10 00.8

-56 00

(6255)

554

343

247

654

356

525

770

200 350

(1500)

1.224 796 172

(59)

1204 778

0.041 2

G-3/5-D

87457

10 050 -57 08

43 38

876 571 282 445

pre 903

876 333

(1088)

1150 714/34

(pre)

98056

N 056 -53 W

RCITG

412 418 (418)

8.36 560 297 580

(1398)

7.44 302

1746 611

1172 641 135

(139)

98064 14 05.8 - 58 12 60 TB

8.23 633 286 668
443 54

112471 9806 300

(1457)

145) 666 122

(54)

98042

10 06.0

-58 08

Go ITB

489 624

9624 96 271 723

730 283

(1416)

110 2 112

1.132 632 117

(5)

84428

W 14.3 - 5814

(C-016/12)

726 036 287 641

W 14.3

94584

10 52 - 60 25

(6-01207112

865 783 352 528

567 372

865 445

(1.5115)

1226 744

1.278 527 206

84

1233 747

96746

11 055-3144

(5-21-88)

478 441

8.82 571 304 612

8.39 815

1186 683

(1444)

1163 701 134

47

101314

11 36.8 -58 18

GAT8

584 982

717 687 337 488

620 324

1.001

1226 746 120

(10)

5160 243

561700 1.45
5.59 23 556135 988-484 1.38 16 -484
101107 11 35.7 443 54 A7m P1 E

HIC4477 2136 -0330

GC15462

552mm

-146.17 -34.48

21.91

2m 208 +7

LCJ 553 +31
+36

-875 328356

394 910 130

292 254 525

-01396 -0346 W₅ SD

-01406 -0357 -1520

-01406 -0357 -1520

-01406 -0357 -1520

-01406 -0357 -1520

-01406 -0357 -1520

-01406 -0357 -1520

-01406 -0357 -1520

-01406 -0357 -1520

-01406 -0357 -1520

-01406 -0357 -1520

-154 -033 0330

-154 -033 0330

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-154 -033 0330

-214 -33 3.00 -30

-214 -33 3.00 -30

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-214 -33 3.00 -30

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-214 -33 3.00 -30

-214 -33 3.00 -30

721

$$\begin{array}{r} -0134 \pm 22 \\ -0140 \\ \hline \end{array}$$

$$\begin{array}{r} 41.109 \\ 1897.8 \end{array}$$

$$\begin{array}{r} 699 \\ 199 \\ \hline \end{array}$$

$$41.80$$

$$-0137 -050$$

$$\begin{array}{r} 41.035 \\ + 7 \\ \hline 41.042 \end{array}$$

$$\boxed{-0135 -047}$$

$$10.12$$

$$1552.58$$

$$+ 7$$

$$-146$$

$$-28$$

$$\begin{array}{r} 41.042 \\ \hline \end{array}$$

$$\begin{array}{r} 9.84 \\ \hline \end{array}$$

$$2439$$

$$-3.23$$

$$766$$

$$\begin{array}{r} -041 \pm 17 \\ -059 \\ \hline \end{array}$$

$$\begin{array}{r} 9.52 \\ 1897.5 \end{array}$$

$$\begin{array}{r} 2.15 \\ 12.07 \\ \hline \end{array}$$

$$-0137 -050$$

$$10.12$$

$$1552.58$$

$$+ 7$$

$$-146$$

$$-28$$

$$\begin{array}{r} 41.042 \\ \hline \end{array}$$

$$\begin{array}{r} 9.84 \\ \hline \end{array}$$

$$2439$$

$$-3.23$$

$$766$$

+22

Observer:

Date: / - /

R.A. : 11.600
DEC. : 43.900
PM. R.A. : -214.000
PM. DEC. : -33.000
DISTANCE : 3.000
MODULUS : 40
RAD. VEL. : -3.300

ME

q1 (U) : -0.875
q2 (U) : 0.331
q3 (U) : 0.353
dU : 587.692
U : 22.231

q1 (V) : 0.396
q2 (V) : 0.909
q3 (V) : 0.129
dV : -431.882
V : -17.620

q1 (W) : 0.278
q2 (W) : -0.253
q3 (W) : 0.927
dW : -163.625

Comments:

11.64

4534

11 46.5

114 51

A36

11.64

2.14 - 0.77 1.364

102647

16189

-1144

2.13 + 0.8 + 0.8

944 210 975 2.0910

11.64

→

113.78

113.78

113.78

1010

042 212 571

15

5

042 193

548

2500

50-540

11

109

204

446

2=059

1.85

Bud51

-310

564

2=002

00

-1144

114.5

1380

9943

-9971

15118

-0343

-1144

10.1

10399

-2130

0014

8844 8946

R.A. : 11.750
DEC. : 14.850
R.A. : -442.000
DEC. : -114.000
RANCE : 0.600
MULUS : 13
VEL. : -0.100

1 (U) : -0.875
2 (U) : 0.470
3 (U) : 0.114
dU : 1518.608
U : 20.008

1 (V) : 0.417
2 (V) : 0.853
3 (V) : -0.313
dV : % -1305.850
V : -17.183

1 (W) : 0.245
2 (W) : 0.226
3 (W) : 0.943
dW : -617.764
W : -8.238

42444 -0.00 0057 0.0713 +29.1 2026 1987

42444 0.00 0348 0.246 266 +057 - - -

+4.75

42444 00279 -+223 -16.8 -11.0 +20.6 -26.5 -12.5

2630 +0196 +0034 0.1497 -1.7 +6.3 +4.5 ✓ P47E (HR 115)

2630 0.00 0.750 0.942 0.227 6.13 +0.38 - - -

2430 0.0292 - +3.05 ✓ +7.13 -18.5 -10.0 +1.5 +9.4 -40.2 -

(0.265)

8441

9 430 + 24 00

8873

1.274

300 441 280 522

270 275

1.006 07

224

1.120 676 120 m²

(19)