

29 85.2
7453 $P_{0.25} = 19^{10}$ 37.8
AP

+42 42

185872 5.40 -0.9 -21 $F = 0.0$
-6072 0447 616 5.40 -0.23 108 929 2.775 85511

7546 +0030 101 934
7329 202
1186

6749 +0021 11204 F124
6469 +0021 11204 F124

+1021 51204
-27.5

$m_V = 0.14$
h.s
h.s

10240
 $10286 + 103$
Sint Cos 2 Cos 0 Sin 0
744 -607 921 348

$10286 + 103$
V 0.434
E 0.132
mod = 6.22 for V
= 6.15 for M

$P_0 = 27.14$

Priority 8.0

5

14 Aug 19 37.9 +42 42

7483

18582

FIVE SEED -023

+27

+3

022031
022031

168

104

2.778

2901

123

924

934

208

1142

15

10

±1.5

+0016 +0325 1230+ -27.5

Remains 6 sp. B.

+00175 +0335

40

+0143

-0.9

6.3

5.4

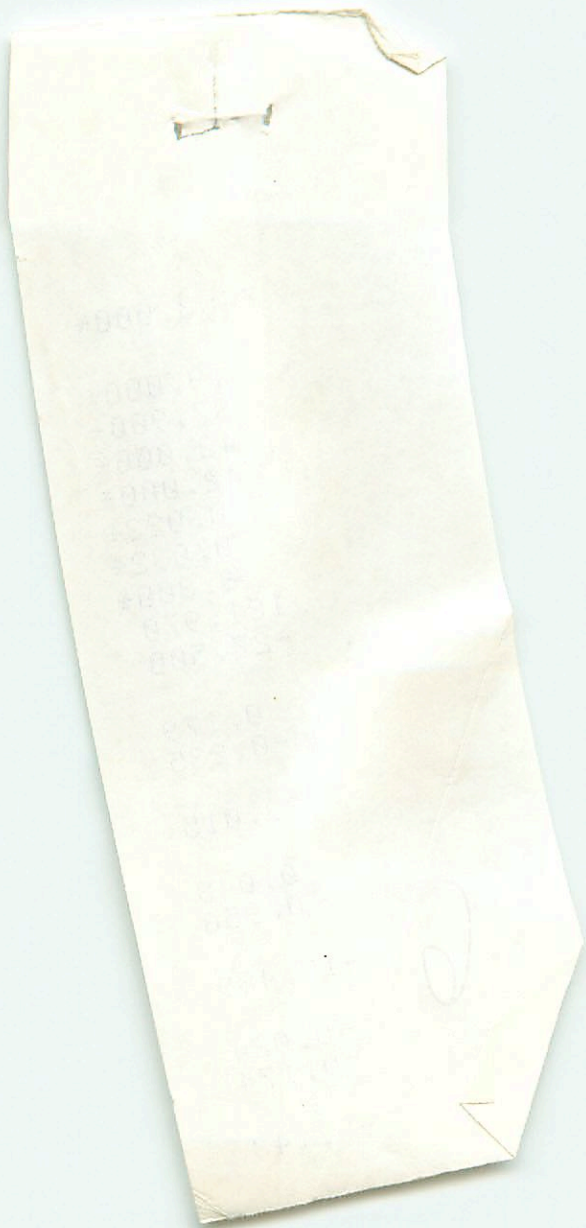
EN

1302-037

3904

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6



7483.000*

19.000*

37.900*

42.000*

42.000*

0.023*

0.032*

6.300*

181.970

-27.500

0.179

-0.235

39.015

0.048

0.956

6
-17.489

-0.024

0.174

-9.143

-0010 ± 6.7 -029577.1
-0015
-0010

185781

19 37.5

+24

25

7.0

NO

80

-80 ± 1V

27212

12050

45.180

1904.1

+24

25

15.75

1904.5

$$\frac{0.73}{25.3}$$

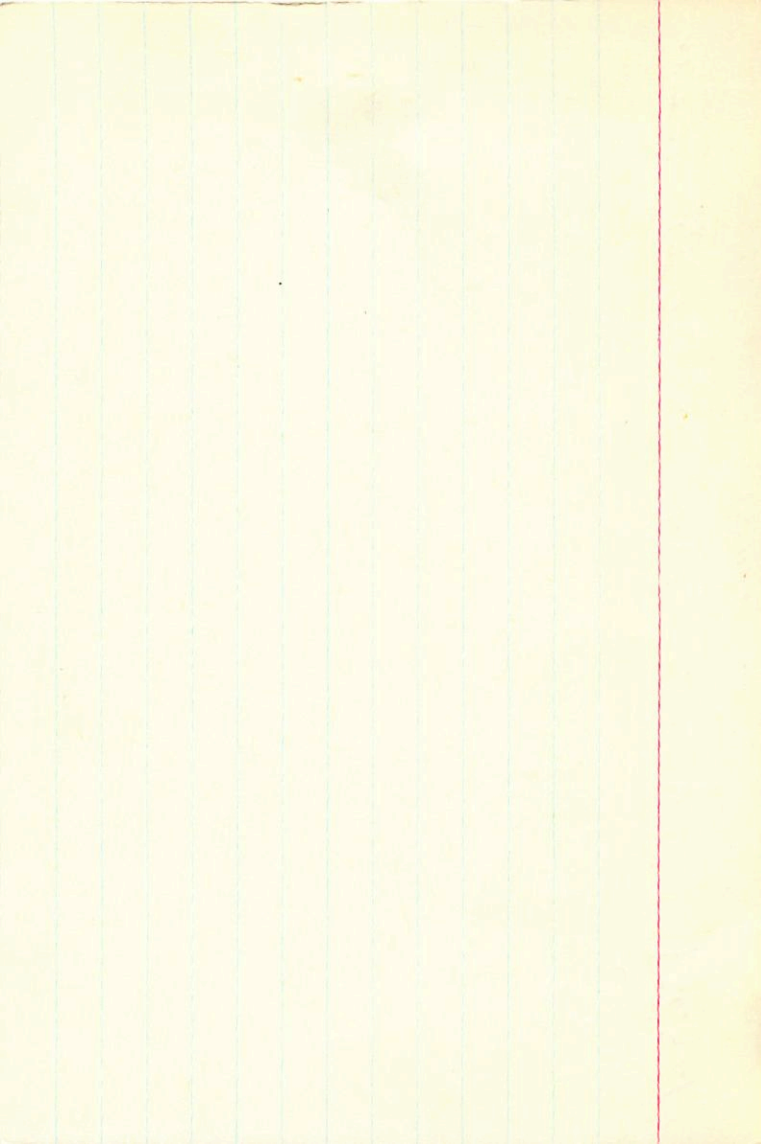
$$\frac{1.32}{17.07}$$

$$\frac{45.222}{25}$$

$$\frac{16.19}{1.12} = 14.455$$

16.07

1928.6.9



185454 19 383

" 27227

4.6

$$\begin{array}{r} 17.603 \ 1908.5 \\ -1.013 \\ \hline 16,590 \end{array}$$

16,590

9.344

7.967

360

17.149

1.448

1.10

17.448

-1.42

$$\begin{array}{r} +0244 \pm 83 \\ +0224 \\ \hline -59 \ 08 \end{array}$$

$$\begin{array}{r} 652 \\ +19.5 \pm 0.9 \end{array}$$

$$7.48 + 72 \ 1.80$$

$$-59 \ 07 \ 32.42 - 1902.6$$

$$\frac{7.82}{24.60}$$

$$24.12 \quad 56.08 \quad 1931.37$$

$$\frac{7.82}{24.60}$$

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$$\frac{7.82}{24.60}$$

$$\frac{7.82}{24.60}$$

30.1

530

265

1675

17.149

1.448

1.10

77

38.0

36.0

36.0

61.76

30.88

6.28

24.1

19.4517

31.4

-53

2.13

2005

15 38.5

12 Oct

DLR

513501

1000 / 510 / 200 / 14

5114

200 060 555 2663

NO

51104

5150

100-0204

14.6
123.6
402

100
150
5.5

20

1.6

2.5

7.5

Amel

20.0

32481

~~1083~~

378

966

~~10010 487~~
~~10003~~

~~102248~~ 6.12
~~1004~~ 1.29
3.71

912

32240

6
316

~~1005~~ 2016

~~10055 2112~~

10026

1010-115

255 15223

705

304
107

2

-28.000

0.416

0.751

-0.512

-29.977

0.762

0.267

0.437

0.859

-16.269

-22.320

7

-0.869

0.494

0.019

-74.318

-23.873

GS 149

15 30.4

1300 unit
4 1/2 1/2 1/2 1/2

BS 1/2

7256

19 288

+18

145336

Sp. R. 2.5
19.6
-13.8

6.00 - 08 - 53 +10 30

11.9
11.0

14.2
14.1

14.2
14.1

14.2

14.2

120

128

2704

5615

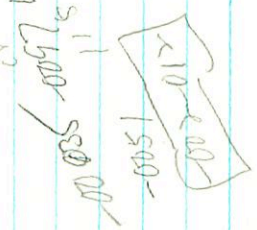
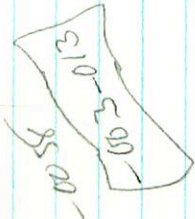
110

1000

25 M

865
156

-1.2



578
75

1000
1000

1000

10.8

1000

1000

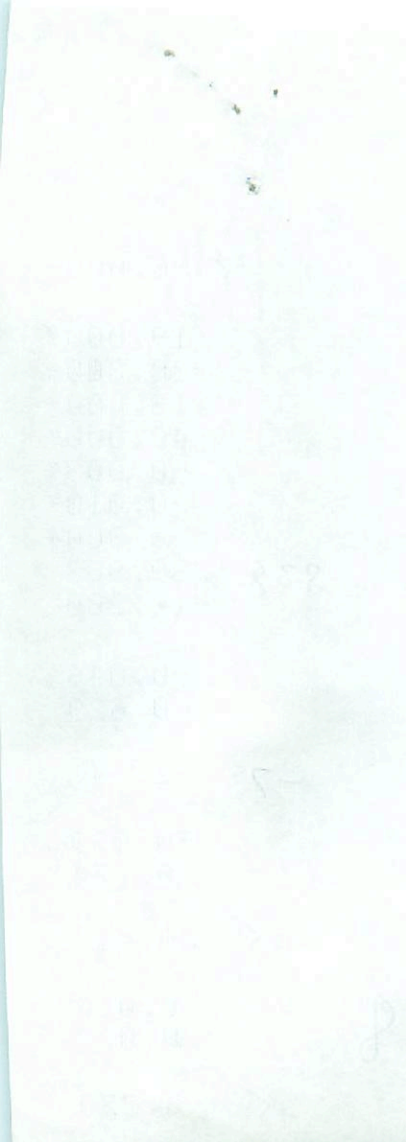
11.2

1000

1000

11.7

8



7486.000*

19.000*

38.800*

13.000*

42.000*

-0.003*

-0.013*

6.900*

339

239.883

-14.200

-0.046

-0.629

-7

-2.147

-0.039

0.774

-25

-20.414

8

-0.018

-0.077

-5

-3.229

A0512789

-0015±5.3 -006±3.4

186340

19 39.4 760 23 6.2 A4 -1.18

27252

12074

26.142 1903.0 760 23 23.41 1888.0

$$\frac{071}{1213}$$

$$\frac{31}{2372}$$

2.708

53.2 1926.6

23.568

29.90

26.264

23.118

2.329

48

243

23.178

235

23.56

26.719

+022

23.33

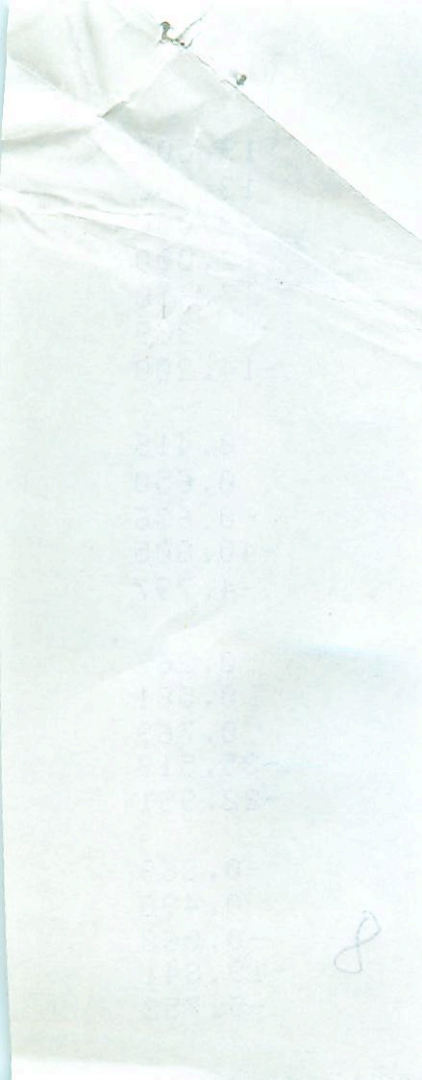
+9

-13

228

23.20

194481



8

19.600

13.500

-2.000

-12.000

7.650

339

-14.200

0.416

0.650

-0.636

-40.805

-4.797

0.267

0.581

0.769

-35.519

-22.951

-0.869

0.490

-0.068

-19.841

-5.752

8

18005

19 39.7 -14 15

M3.3 (4)
FOPI

HR789

5522

5.05 +0.34 +0.455

553 914

498

.159 .178 .805

2.735 (2)

5552

88

402

711

4447

[m] 155 122

5.1 .188 .152 .784

(2) 200

[m] 807

430 255 -866	+1345 -0133	+1212
256 886 387	+1801 -0462	+0339
-866 388 -318	-2709 -0202	-2919

(-25) (-27)
See Number - 28 d

gvp

PRSP

+60421 -0091 2L

-13 +29

+28 +3

+60436 -006

+60439 P154 -0101

+ 20 -4

+6046 -011

+006

-22 58

12 39.7 -14 15

55 Sep

HR 7489

(-43.7 K(3))

5.1

2019

+063 -00966

W12075

505 +34

+065 -0132

105

+060 -0117

+063 -001

300
114
206

6340.

$-907 + 421 - 250 + 560 + 063 - 041 - 13.7 + 003 + 12.2 - 052$
 $057 + 003 + 027 + 001 + 265 + 142 - 42.0 - 17.7 + 38.1$

$+9.8 + 52.3 + 2.0 + 01$

$-0.1 + 17.6 + 8.7$

$-4.5 + 45.2 + 10.1$

$-9.2 + 42.8 + 11.1$

$42.1 - 15.4 + 6.2$

7493

19 39.8

+12 05

88 14

-8-12
15
(407)

6.24 -076 092 643

2.738

89 14

087

646

N30

174
82.0

-1500 9-0043

+800 30.0

Plumb

+100 11

+604-006

(25.0)

$m_y = -0.6$

$v_0 = \frac{6-15}{6-7.1}$

9

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7493.000*

19.000*

39.800*

12.000*

20*

180226 24 403 +8 16 -415 Amt

2-21 202 25+ 58.7

27.11 8.74 27 403

28 25 3.5 -415

1000 1050
1000 1050
1000 1050

28 25

1000 1050

403 2910
2110 200
-5145 6115



10



DEC.	:	2.500
R.A.	:	0.000
DEC.	:	0.000
STANCE	:	3.500

MODULUS	:	50
VEL.	:	-41.500

q1 (U)	:	0.426
q2 (U)	:	0.588
q3 (U)	:	-0.687
dU	:	212.126
U	:	39.152

q1 (V)	:	0.259
q2 (V)	:	0.649
q3 (V)	:	0.716
dV	:	206.174
V	:	-19.370

q1 (W)	:	-0.867
q2 (W)	:	0.483
q3 (W)	:	-0.124
dW	:	14.363
W	:	5.871

χ Agt
186203 19 40.2 +11 42 -0004 ±2.3 -009 ±2.1
-0001 -0006

5.3 dF3 -21.68

27272

12079 12.763 1878.5 +11 42 26.80 1885.5

ABS12808 $\overline{029}$

$\overline{792}$

brn

12.785

$\overline{792}$

+5F
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27.22 1932.7

$\overline{27.33}$

26.82 1939.46

12.792

-13

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$\overline{784}$

-006

$\overline{26.81}$

7216

36.1

$\overline{27.07}$

-31

57.6

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19403826

85/1981

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90

154 450
395 416
7.09 250 157
8 751 301 10
117

Blum
Blum i
+ 0020 - 040

-050
-045
+ 0012 (12 - 04) + 39

20467 9304
66
419
48007
32502
20538
194105

5314 3457 + 0547
8471 - 9383 + 0097
+ 1.7

3404 924
201
3133

58.58
84.55
34.03
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10017 - 047
10018 - 047
10018

10018 - 048

338

59484
21345
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1001491
51221491

6477
9.75
3499
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505

+0103±2.1 -181±2.2 -183 +16.0 (19) Oct

+0106 -183 -190

19 40.7 -15 35 5.5 FY +12.88

+0109
+0107 258 162 503 2658 525

186185

27289

12087

7496

3004
" "

01073-1863

+01061-1843

11562

+1857-1860

42.466 1906.2 -15 35 15.13 1905.1

-451
.009

16.958

25.312

422.24
2.44
232

242.375
-10
232

13.59 +2.87

42651 (65.16)

658

42710 (11.10)

50

591

296

287

17.84
1804

19.37

19.58

(27.2)

+8.13

7.00

43.15

2035

12.83
1.40

11.43

11.15

13.49 +30

13.19

1965

15.6

103

186

2.8

+12.8

4672

33.4

(28.3)

12.17 = 5.17

L

395

4258

+17

186185 19 40.7 -15 35 F6TM

HR7496 101045 -1820
+10
+19

6027289 101053 -1810
+526
+19
159
+152
+64

5.50 +445 +1 2899 - 355
1.82
2.50
4

153-193
305

1297 153.52 2.661 ② 1,2,1

[m] 206 +19

1100 5.5 : 293 . 168 . 492 - ② Day

462
1119 295

+2.50 2.50 -7.9 -13.2 -36.2

+97 -874 -988

1579
9037

574

921577
142451

11

11/23/88
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STATION
PM
DEC
R.A.
DEC
R.A.

11
R.A. : 19.650
DEC. : -15.600
PM. R.A. : 163.000
PM. DEC. : -186.000
DISTANCE : 2.800
US : 36
12.800

12086
27288
186922
+760750

90765.2
65

40.7 +76.18

1160 - 8.78

27288

+0.5

186922

8.08 +0.88 +0.55 2 20"

+760750

648

1.60

+0.484 +1.137

53M8
5364

+0416 ± 5.9 +137 ± 7.5

39.939 1905.4

+137
9.48 1908.5

1855
38,084

-564
3.79

39.864
27
84

8.67 1944.83

8
8.75

+1.806

+4.96

25 Aug

186684

19 43.2

+07

29

5.7

A2 -29.98

+0032+2.9
+0038

+001 ±2.4
+006

27342

12121

10914
148
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+7

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26.23

1895.4

13.882
7
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-5.4
25.69

25.68

1934.1

13.892
+7
899
892
+126

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14
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1939.90

33.4

+7

7400

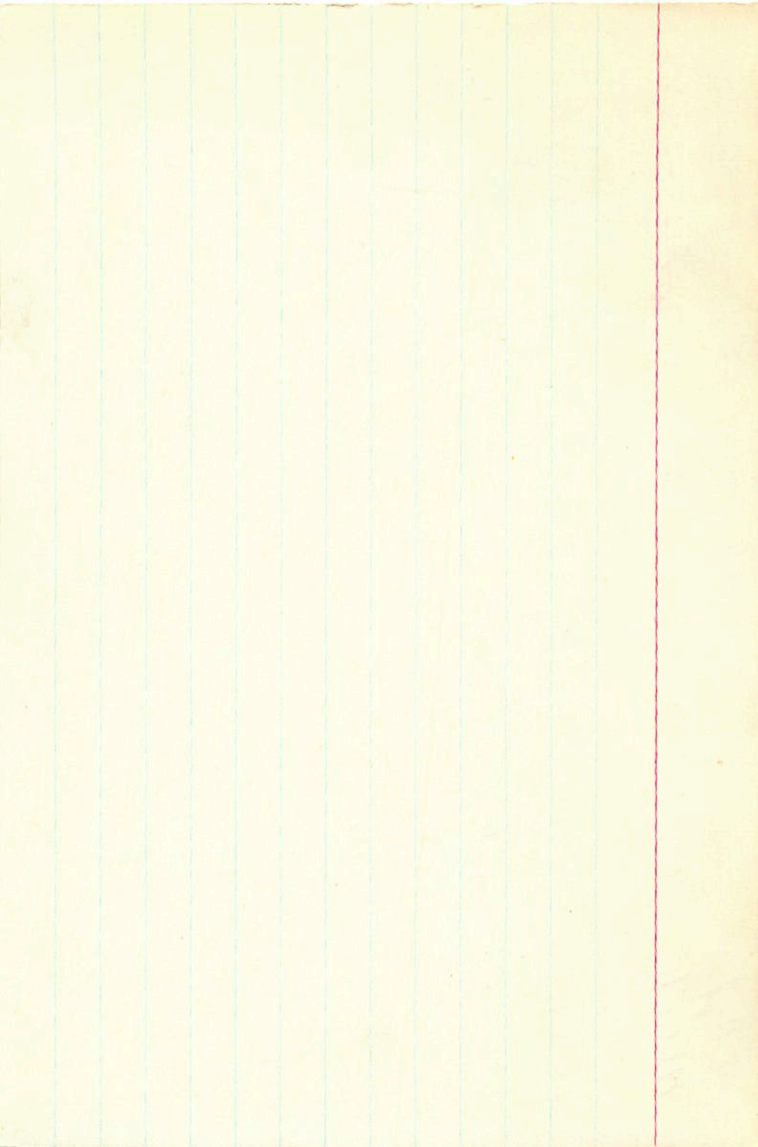
26.00

37.0

25.92

41.6

+23



5654m
186648

19 43.4 -19 53 5-1 910 +19.8a

27349

60⁶² N30

+22.50

12127

-0088⁶⁰ -084⁶²
-0090 ± 1.2 -087 ± 1.3

5.40 +0.23 1.59 6 ASE +0.9 ±1.8
4C

0 var 4L
+0.9 ±1.8
4C

AD186219 43.7 - 72 38 -5 var 456

-7

+0038 +0100 6L → Am Shrike

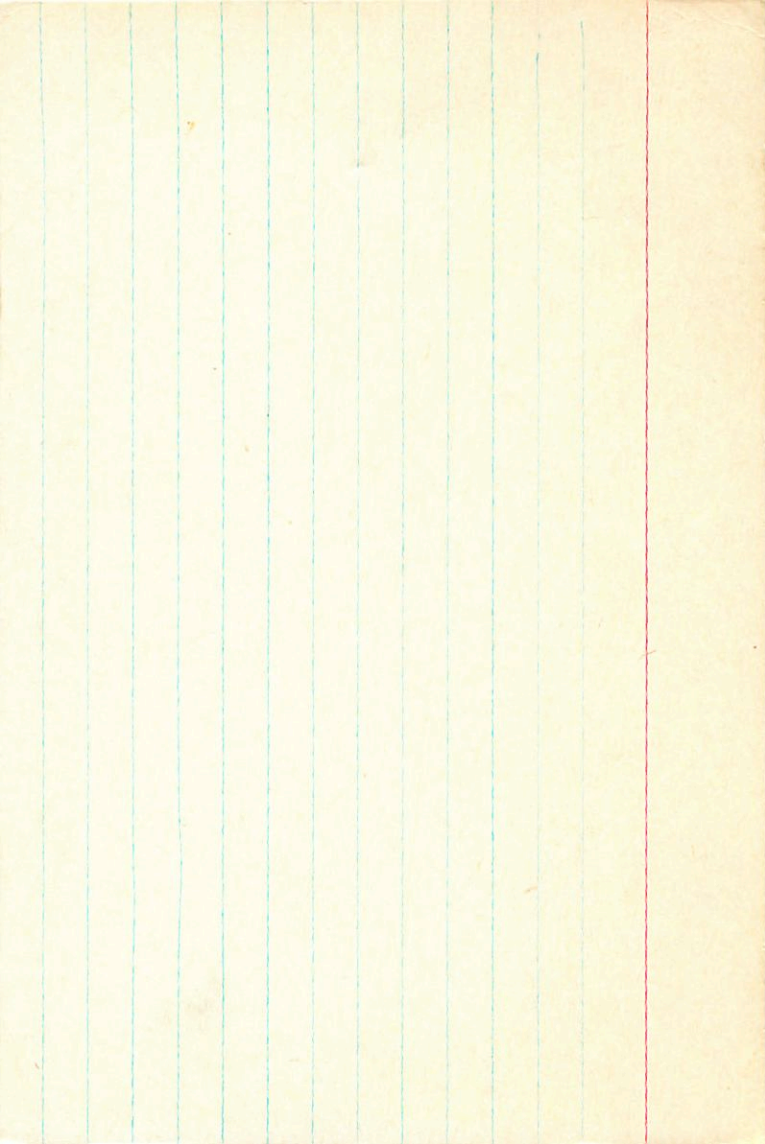
+0032 +014 N30

+0035 +015

444-573 -687 +0334 -0407 -0073 -03 +0.6

243 816 -523 +0182 +0580 +0762 +3.6 +0.5

-861-066 -503 -0645 -0047 -0692 -3.2 +0.5



-0096#11.3 -07859.0
 -0066 -081
 -43 28 805 +33.541.0
 515

186651 19 43.9

27357

7.11 +0.855-

55.103 1901.2 -43.28 5.20 1898.4

$$\frac{468}{571}$$

$$\frac{402}{1.18}$$

$$\frac{10.015}{45.457}$$

$$\frac{54680}{3493}$$

$$\frac{446}{223}$$

(40.3)

$$\frac{36.08}{5736}$$

$$\frac{172}{3.64}$$

$$\frac{929}{469}$$

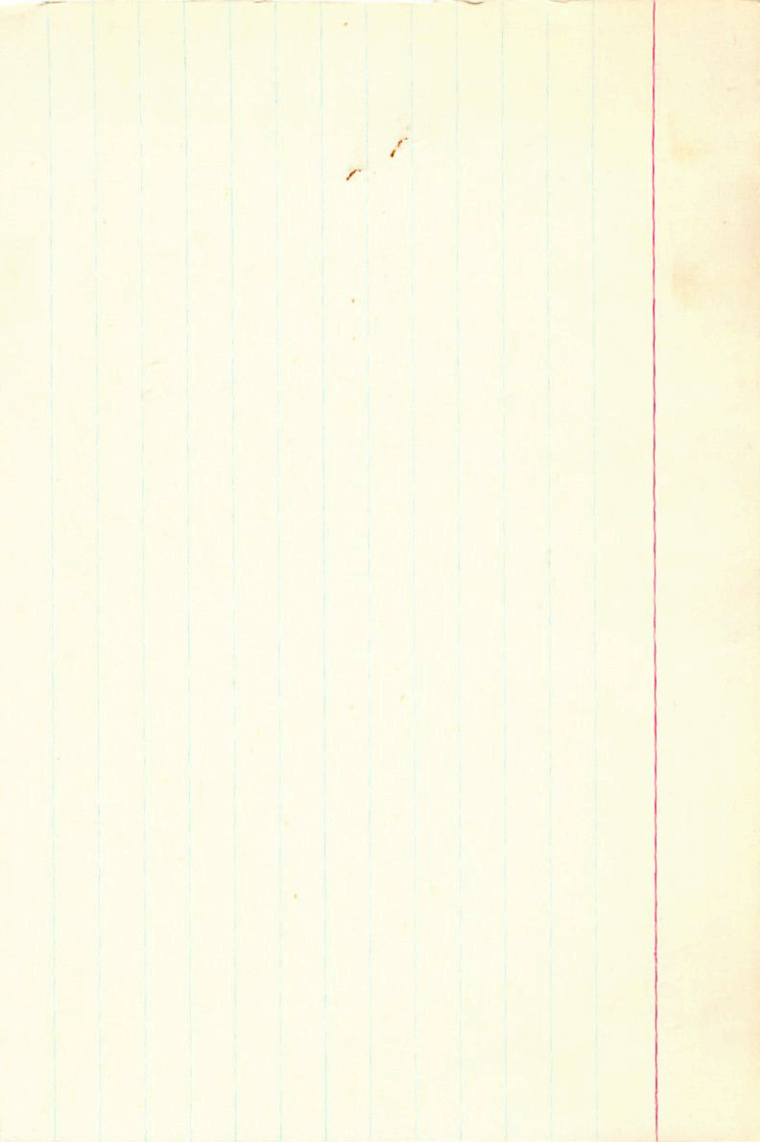
$$\frac{8301}{41.5}$$

(43.1)

$$\frac{55.118}{103}$$

$$\frac{5.57}{6}$$

1455.44



8 Agd
186741

19 43.9 +10 29 2.8 9124 -2.1a

27354

~~186741~~

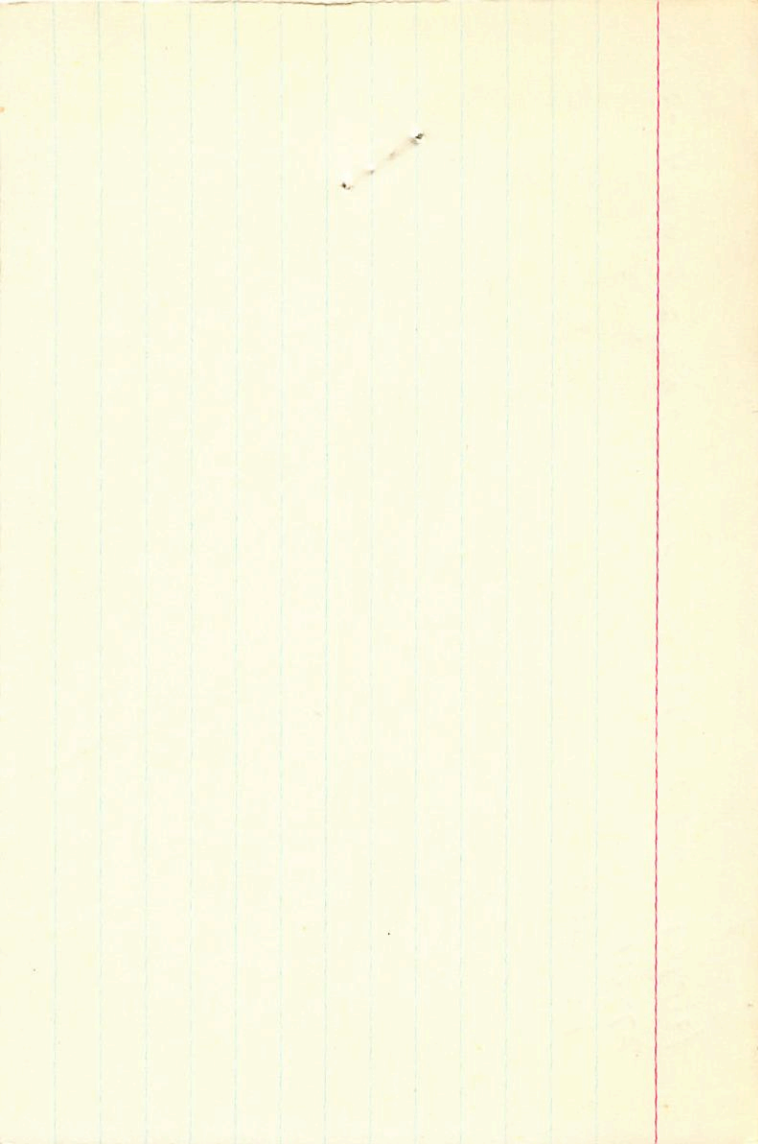
$$\begin{array}{r} +0108 \\ - \quad 20 \\ \hline +0088 \end{array} \quad \begin{array}{r} +0015 \\ \hline +0017 \end{array}$$

F125

+00108 +0015

F124

~~$$\begin{array}{r} +016 \\ +018 \\ \hline +034 \end{array} \quad \begin{array}{r} -2.1 \\ \hline 3.1 \end{array}$$~~



7525
508 April
27354

19 43.9 55
0047

10° 30'

2.80 ha

12137

6745
1718

3427
2711

0716

+015

-2.1a

655
250

2.03 +0.55 45

165
90

+0323 +0029
+0174 +0029

-0611 +0023

+0342
+0203

-0588

0.443 0.613 -0.655
0.246 0.618 0.746
-0.862 0.490 -0.124

+3.1 +1.4
+1.8 -1.6

-5.0 +0.3

12

186791.000*

19.000*

43.900*

10.000*

29.000*

0.018*

0.000*

3.100*

41.687

-2.100

0.038

-0.655

2.949

0.021

0.746

-0.692

-0.074

-0.123

-2.800

12

(1831.31 138 3.60 3L)

~~1927.49 89 1.53 2VB~~

1930.48 82 1.28 3VB

1933.55 74 1.11 3VB

1935.49 65 0.97 4VB

1936.55 62 0.91 3VB

1939.11 47 0.74 6VB

1940.58 32 0.63 4VB

1941.45 24 0.54 3VB

1942.56 10 0.46 3VB

1943.58 353 0.49 4VB

1944.60 335 0.44 3VB

1945.47 317 0.43 4VB

1948.62 270 0.64 3VB

~~1958.60 211 1.07 3B~~

Baye f' Astr. 59,180,1945

955 5.24 98 105
4 38 50.5
137

190
137

186780 19 44.3 17 21 12 690 176 2.52

(over) +0417005

6.88 + 1.78 + 1865 ⊕

535 + 1085 ▢

250 = 31500.

445

385

+19.3 400000

+00264 -004666

+00072 -0036 5114

+0050 +00264

+040 1000

+0.00264

.00294 -0.0046

10000

+0880 +255

+0200 +92

-0009 -700

-057

+0200

-0009

-057

-0200

-0009

+0880

+092

-700

-057

+0200

-0009

+0880

+92

-700

-057

+0200

-0009

-16.6

+7.3

-6.5

-9.2

+10.2

-13.5

3.5 M.

+9.0

+15.5

-6.19

418 522 1055
346.4 418 460

2440733 6.86 5.57 1.13

734 6.86 5.56 +1.115

735 6.90 5.60 +1.125

736 6.84 5.54 +1.125

740 6.70 5.48 +1.06

741 6.69 5.46 +1.075

765 6.74 5.48 +1.075

790 6.80 5.51 +1.10

752 6.78 5.53 +1.105

52

+08
+

4758-094

1923

Pa. V.M.

+0060 55.5 -081 ± 7.8

100 grams 3420 144
7
no mba

41.553 1903.0

14.24 18894

AD-C

880226
134729
41.699
210

57.14
36.68
20.46

✓ 1497

+ 77
2024

0*

0*

0*

0*

0*

0*

2*

10*

39

00

32

64

59

38

73

510

167

339

039

47
 H.D 186602477
 19 44.7 -61 56
 → -1058 -090
 + 9000
 49000

± 120
 40.2 -62 03
 1000000

	T	e	A	B	F	G	a	u	
61.67	1932.10	0.16	+0.270	-0.117	-0.064	-0.259	0.307	145.4	
2.0	0.10	0.02	0.004	0.006	0.009	0.010	0.010	3.2	0.4

190

$r = 0.17$

$m_1, m_2 = 0.89$

446	-438	-780	+1226	+1868	+3094	+18.2
243	899	-365	+0668	-3935	-3167	-18.8
-861	024	-507	-2367	-0111	-2478	-14.6

125

1401.25 1521 0.62 \bar{M}_I -4.5 70.13

141485	1370	0.42	2146	-2.0	-0.02
142724	109.6	0.24	208	+4.0	+0.05
1428.66	73.7	0.20	2.8	-0.9	+0.05
1424.55	58.9	0.14	3.8	+0.4	+0.07
1431.67	345.8	0.14	5.8	-1.6	+0.04
1432.64	317.8	0.15	3.8	-0.4	+0.04
1433.74	258.0	0.17	10.8	+7.0	+0.05
1434.70	265.0	0.18	6.8	-6.6	+0.04
1436.70	236.0	0.18	4.8	-6.0	0.00
1437.74	233.0	0.20	3.8	+1.8	0.00
1438.74	224.0	0.21	3.8	+1.4	0.00
1440.38	207.4	0.24	3.8	-3.7	+0.04
1442.06	147.5	0.26	3.8	-5.4	-0.01

J 120

1945.24	151.6	0.34	4B	+0.8	+0.01
1947.44	159.4	0.35	4B	+4.9	-0.01
1949.72	178.9	0.34	3B	0.0	-0.05
1952.63	173.4	0.39	2B	+0.4	-0.03
1954.47	154.8	0.46	4B	-1.8	-0.01
1960.60	161.3	0.48	4B	+1.4	0.00

Ans = C

AB 7.32 + 0.51 + 0.035

(4)

C 10.60 + 1.00 + 0.85

(7)

3/11

470

390

~~19,45~~ 1945 - 62

26

483

475

7624

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7305

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809

417

396

h

Handwritten text on a piece of aged paper, possibly a receipt or ledger entry. The text is faint and difficult to read, but appears to be organized in columns. At the bottom right, there is a handwritten number "21".

Column 1	Column 2	Column 3	Column 4
100	100	100	100
200	200	200	200
300	300	300	300
400	400	400	400
500	500	500	500
600	600	600	600
700	700	700	700
800	800	800	800
900	900	900	900
1000	1000	1000	1000

21

19.750
-61.950
123.000
-94.000
4.250
71
0.000

0.446
-0.437
-0.781
317.136
22.452

0.243
0.099
-0.365

14

AD512420
187038

27372

12154

-0030 ± 46
-0030
447

-005 ± 46
-007

450

46

6.2

142-46.4

39.996

1896.1

+32 45

53.229

30

162

70.158

42.57

57.526

40.098

1028

094

15^m 3/4

4^m 9"

53.59

13.5-1525.5

39.10

52.90

53.55

53.45

31.5

127

064

094

4002

13

.033

53.2

27.6

53.34

53.5

27

50.23

19297

1.044

-0.061

0



1866U2AB 19 44.7 -61 56

6

13d

+053-090 CP (FMS)

+ 2 - 2

455

133
+058-094

no. val.

+0060 ± 5.5 -0.87 ± 2.8

100gms 3430 141
number

41553 1903.0

19.24 18584

AB-C

28228

13472

41.699

41.210

41497

57.14

+ 36.68

20.46

+ 20.24
20.24



1891

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1911

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1913

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18670.000*

19.000*

44.300*

-17.000*

-12.000*

0.040*

-0.002*

7.900*

380.189

19.300

0.082

-0.864

14.459

0.038

0.373

21.610

-0.167

-0.339

-70.039

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1/2



19.750
-61.950
123.000
-94.000
4.250
71
9.000

0.446
-0.437
-0.781
317.136
22.452

0.243
0.899
-0.365
-333.975
-23.644

-0.861
0.027
-0.587
-248.140
-17.567

14

AD512420

1877038

19

44.7

+32

46

6.2

122-46.46

-0030=4.6

-005746

45.6

59

27372

12154

39.996

162

1596.1

+32

45

53.24

1877.9

40.158

53.59

13.5 - 1525.5

13^m 31

42.57

127

31.5

34.10

53.2

4^m 9"

59.528

064

31.5

52.90

53.34

37.7

1028

064

53.55

53.34

37.7

40072

094

53.5

1929.7

13

53.5

27.6