

-01184720 -069477.0

133612 15 03.8 -47 48 KBT 20.520.6

(519)

20309

46748 1504.7

8.89 792

47 47 42.74 1504.7

535

3.13

47.333

39.61

297 070 Sleep

mean

26.3 No.

-0074

-071 CP

-0118

-009 CC



-562	-174	-808	+2584	+0577	3161	+83	465.3	+57.0
------	------	------	-------	-------	------	-----	-------	-------

667	441	-568	-3067	-1556	-4663	-12.2	+278	+40.0
-----	-----	------	-------	-------	-------	-------	------	-------

448	857	154	-2244	-2444	+5088	-13.4	-242	-10.8
-----	-----	-----	-------	-------	-------	-------	------	-------

133774

18

03.5

-0030 ± 1.5
-0028

-16

04

-028 ± 1.3
-026

5.3

gms -15.1a

20311

8737

49.939 100.0

-16

3

51.36

1894.5

$$\begin{array}{r} 150 \\ \hline 50.089 \\ 26.304 \\ 23.650 \\ \hline 49.954 \\ 48 \\ \hline 50.002 \\ 006 \\ \hline 49.977 \\ 0 \\ \hline 49.990 \\ \hline - .099 \end{array}$$

99999

34.9

$$\begin{array}{r} +1.55 \\ \hline 49.81 \\ 1.25 \\ \hline 50.55 \\ 50.80 \\ \hline 51.10 \\ 1 \\ \hline 50.70 \\ 14 \\ \hline 50.56 \\ 51.15 \\ \hline 0 \\ \hline 50.86 \\ \hline - 1.05 \end{array}$$

1930.49

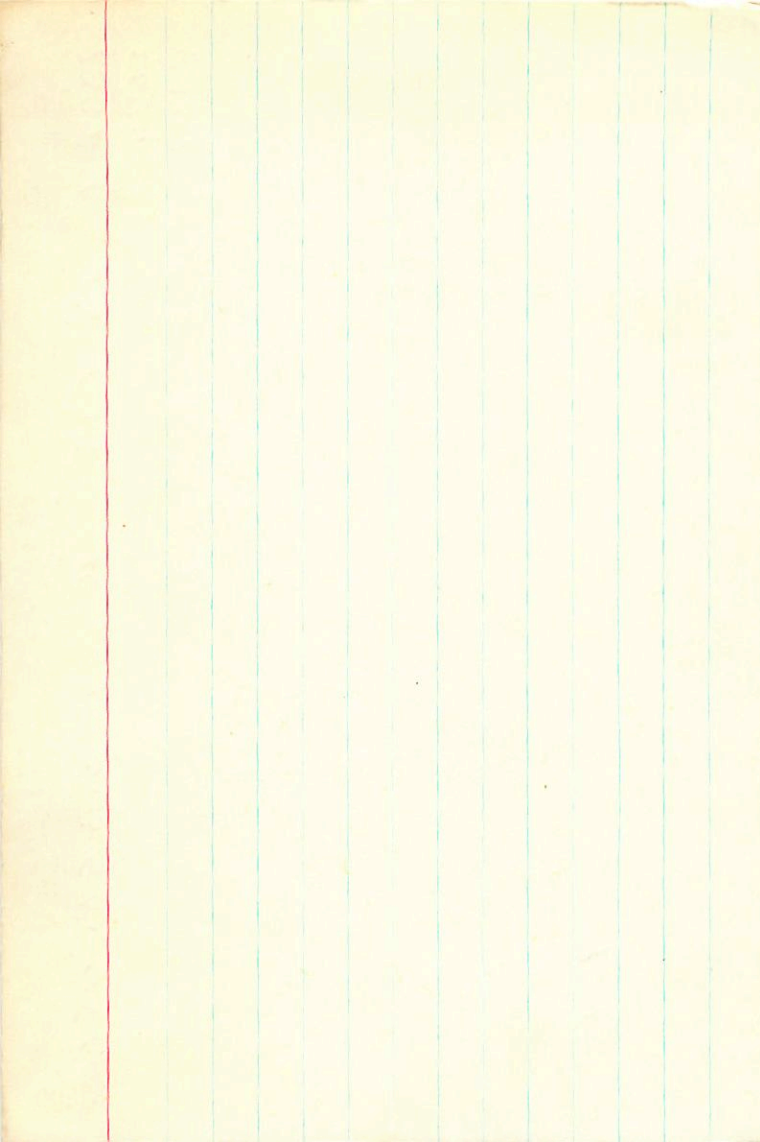
171

69.79

1939.30

34.9

40.4



133800
2020

15 04.0 -16 18 663 AD

1.293	33.6	-0043	-021	31.19	937
248		-0044	-026	1.07	
<u>541</u>				<u>30.12</u>	

-504

1.219
612
201

67.35

31.41
-28
3.65

-0044 022
-0191

1.194
9
202

20.26

20.02
30

31.82
30
1.2

-0634

-063-016

976
146
1416

-9959
-6959
0642
0102
5.55

30.

133800 15 040 -16 18 40 -50.4 254

G.L. - 13.2 11"

G.39 +0.16 +0.11 3.85

~~ZC~~ → GC

- 13.1 36" 230°

-0043 -048

~~072~~

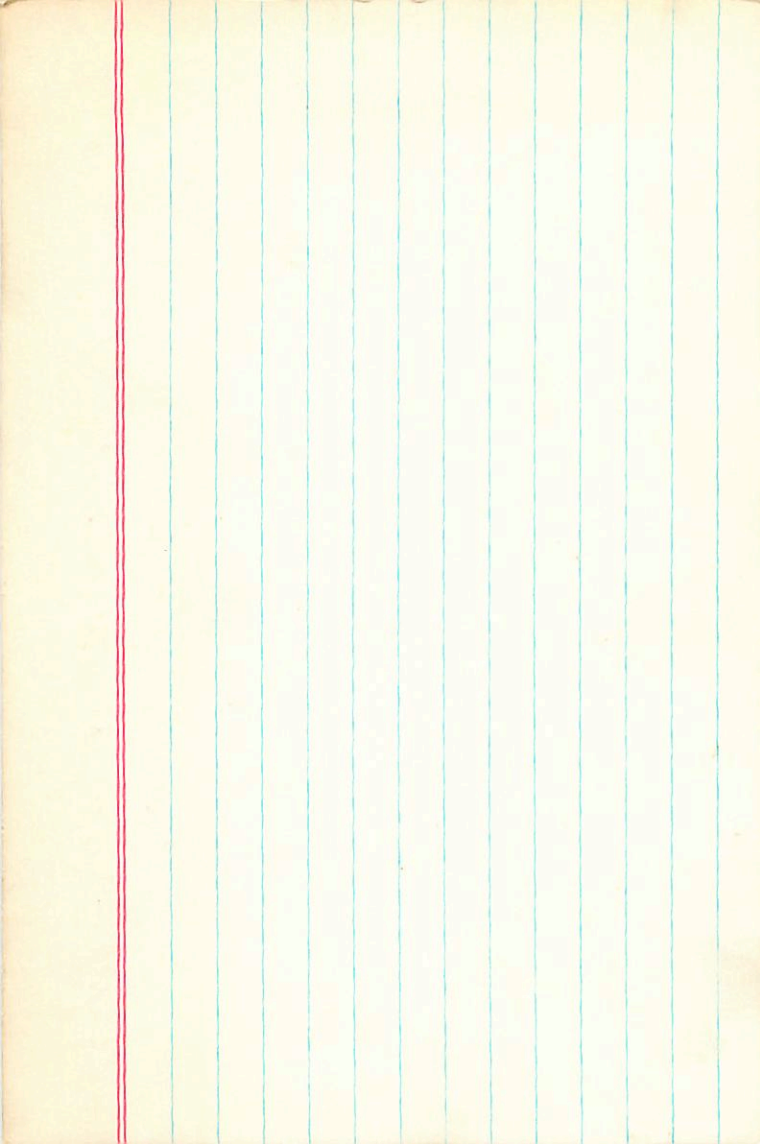
+1 +3

-5042 -015

-060

Am

~~W. J. J. / K~~



133967

15 of 6 +14 17

+78 (8)

100

11402837

+2.8 *Ship*

-030-108 Yale

~~-040-110~~ *in*

-032-115 GC

~~over~~ *hand*

9.70 to 9.35 (10.22) (2)

9.51 to 9.315 (1)

9.18

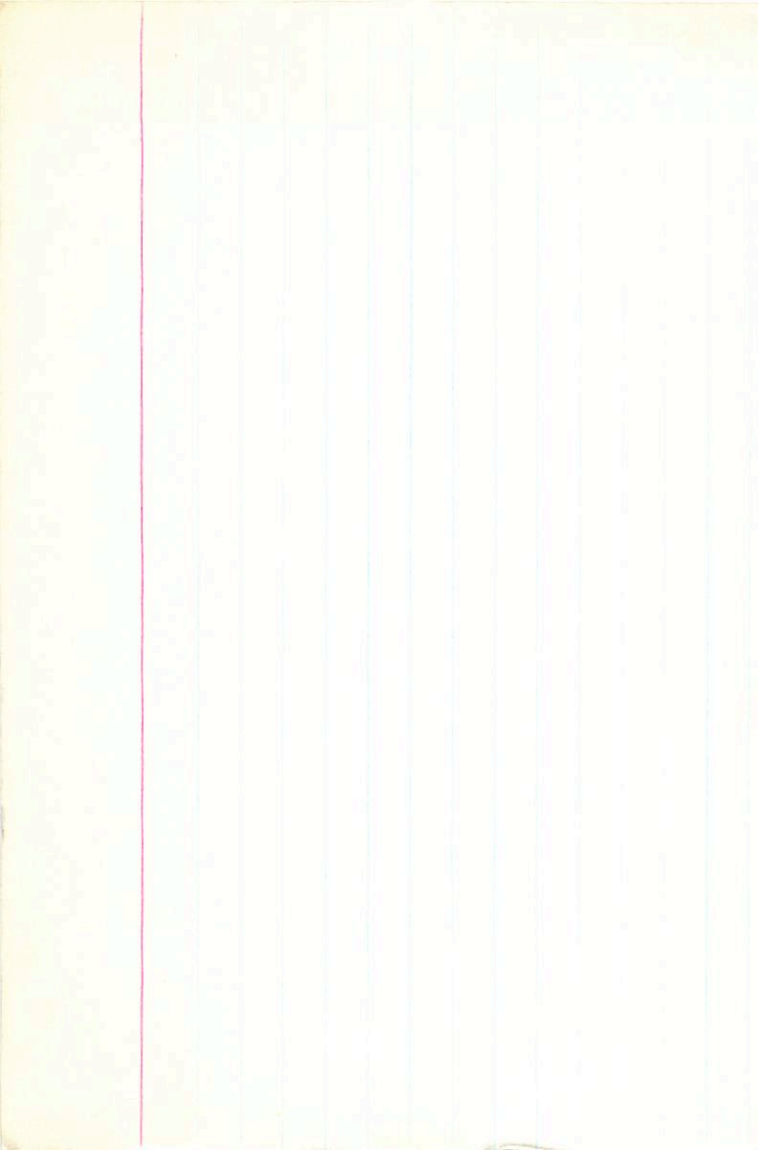
9.72

5.77

9.55

(MS)

(MS)



134150 15 048 +54 45 5.2 gcy +16.1a

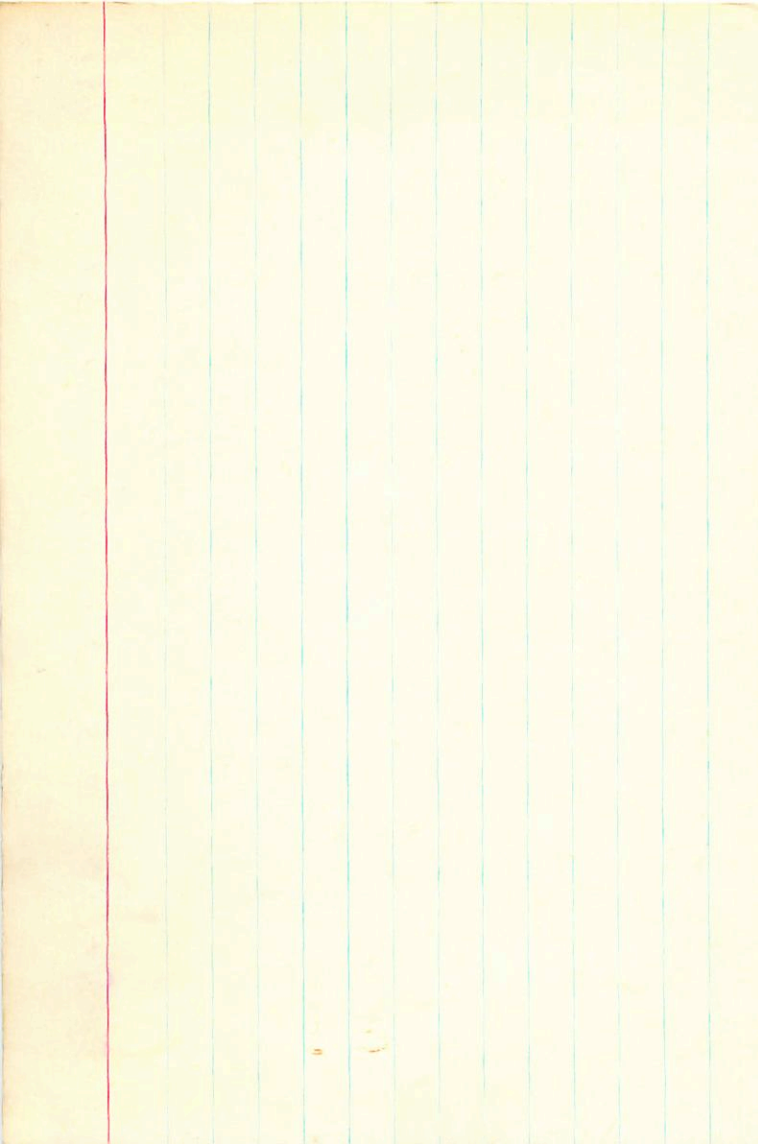
20332

PMND

8743

+0045⁻³⁴ +013³⁴ N30

+0057 +3.4 +009 +2.7 CC 5003 0



134044

687-2608

APR 23 0

15 046 F 36 36

353 125 351 2633



5633 15 050 418 35 425 -9.5 ③

134064

28340

Answer

5d
①

-6.744

+1831

-0576

-057

+1834
1834
1834

1.11

L.O

032
028
028

150
154
162
157

107
1.027
1.022

2.089
2.519
2.510
56
⑤

354
1016
1410
1442

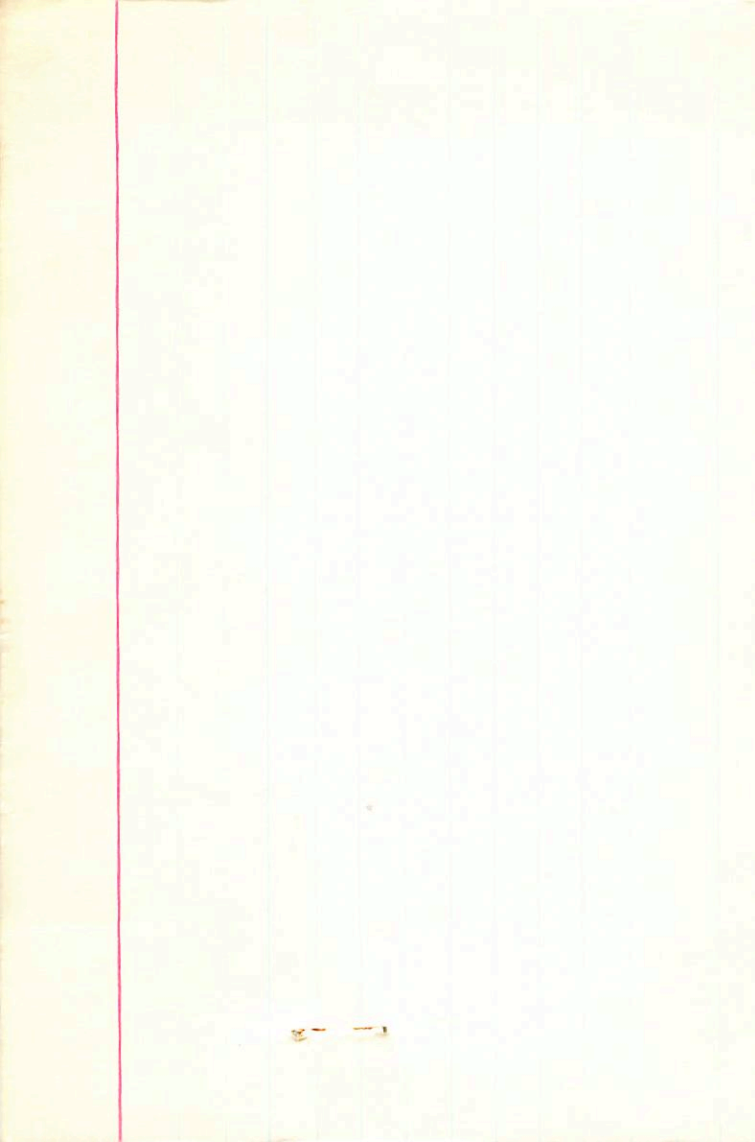
010=2.5
016=2.5

18

~~11.6~~

+1.6
5.15

6.74



133208 15 00.1 +40 35 3.6 965-199a

20226

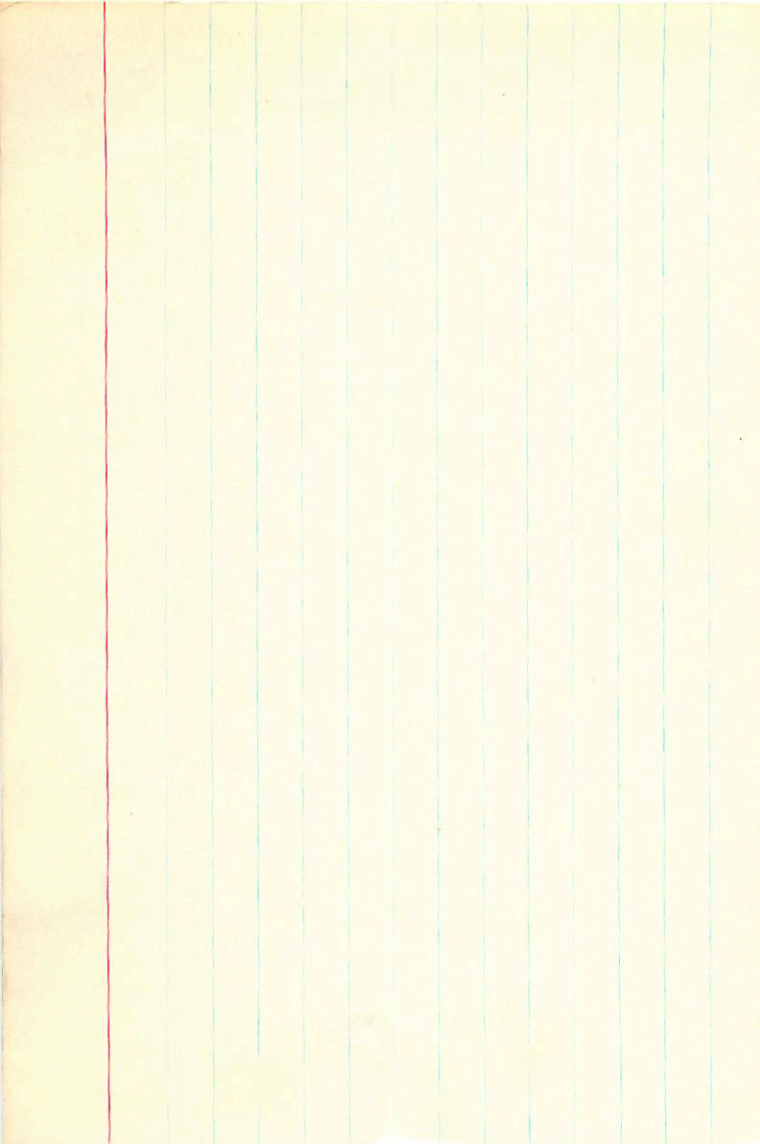
8706

-004070 -03465 N30

-004070 -03520.5 6C → N30

SL10

2257



134063

15

05.0

+22

45

G4 III

-108

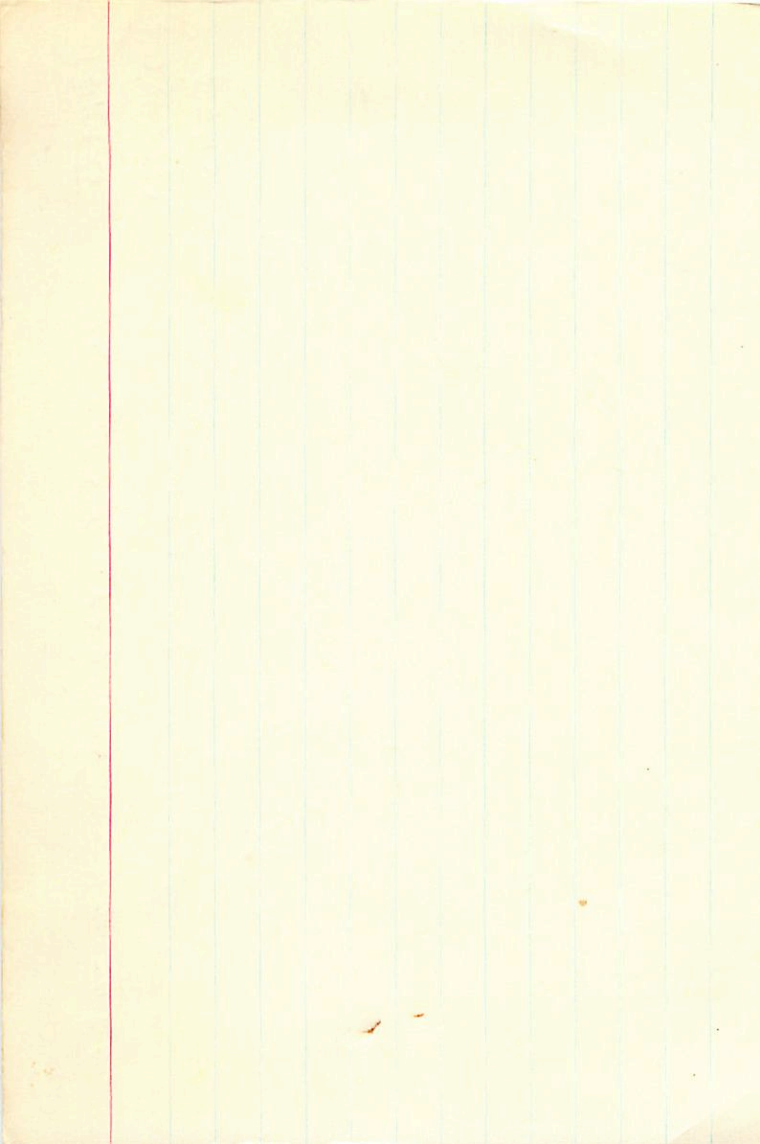
2L

+2302775

8745

7.82 + 0.92 - 0.54 G8 III R

-0007 -038



134064 15 05.1 409 25 26.5 28.5 34.26

1.50

A059507

W8745/4

BM=Q20

2.3
2.4

-187
-151

4024 A 4
4015 B

26.5

-34.50
-37.44

N184 +007

-0.88

-181 +021

-1405 +028

-178 +028

490

198

328

247

7861-9611
4182-2741

7

6.67
25
4
7
3
1.5
247
4
4

$$\begin{aligned} & -723 - 682 - 143 \quad 987 - 181 + 024 - 344 \quad 004 - 6 \quad \overline{114} \\ & -131 \quad 003 \quad 123 - 003 - 606 \quad 587 - 340 + 23 + 25 \quad 03 \end{aligned}$$

$$+3 \quad 445 - 2$$

$$\boxed{+39 - 21 - 10}$$

032

$$+4 \quad 444 - 2$$

$$\boxed{+38 - 19 - 11}$$

25

$$-1 \quad 449 - 1$$

$$+43 - 22 - 7$$

-01234.1 +02453.0

134066 15 05.1 +09 25 7.3 dec -34.56

20344 411 24 dec -34.24

8749 7.829 1895.4 +9 25 4.112 ^{1885.5} -34.4

ADG507 $\frac{546}{8.375}$ $\frac{-1.55}{59.57}$

176

12

-8.043
495.313
0.799
0.334
-0.500

-23.572
-504.593
0.109
0.737
0.667

327

42.966
576.394
-0.59173
0.588
-0.552

42.0

~~134140~~

134140

Cc20366

15 06.0

-26

18

24111

+002 +017 706.5

*

6.40 +1.73 +1.89 ②

5.56 +0.47 ①

5.72
504 780

+0.0018 ± 7.1

-0.027E 71

25.13 1854.7

59662
- 648
1855.2

564
- 1564

30.780

286.7

59455
36

493

497

7.8

+002 +01562 +348
+002 + 004 20060

+002 +005
+003 +017 706.5
+004 +017

+ 34
24.74

34.13

47.30

26.43
1.50

25.93

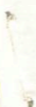
26.0

1534.03

72

Handwritten scribbles or marks at the top of the page.

Handwritten scribbles or marks in the middle of the page.



33.943

0.454

0.050

22

12.091

-0.341

0.066

-28.568

-0.823

0.000

34.800

363.078

7.800*

0.017*

0.004*

-18.000*

-26.000*

6.000*

15.000*

134140.000*

858



72000

15

06.3

+40

+10

-58.0

could +062

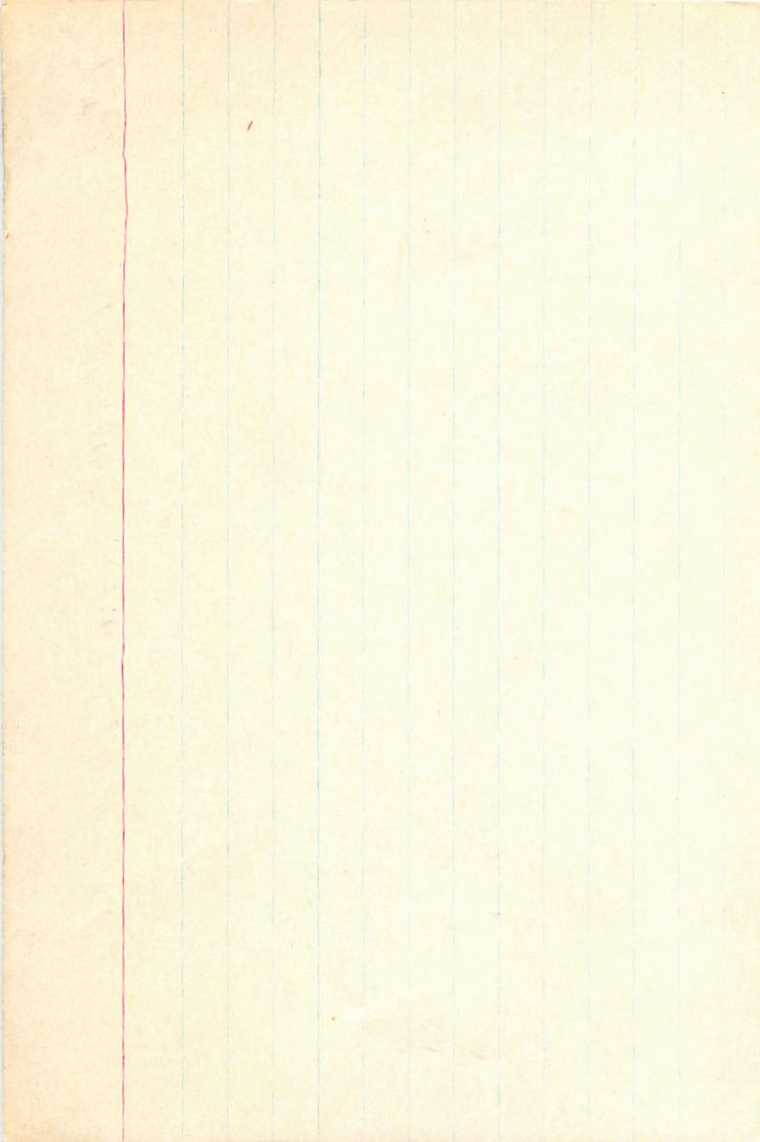
-71

-367 debit

120

+6.3
-33
-34

-555	805	-208	+1868	+2366	+4234	+54	+12.1
667	580	467	-2241	+1705	-0539	-6.4	-27.1
-496	721	860	+1669	-0357	+1312	+15.7	-80.0



134493 15 06.7 +50 15 6.3 130.4 -28.76

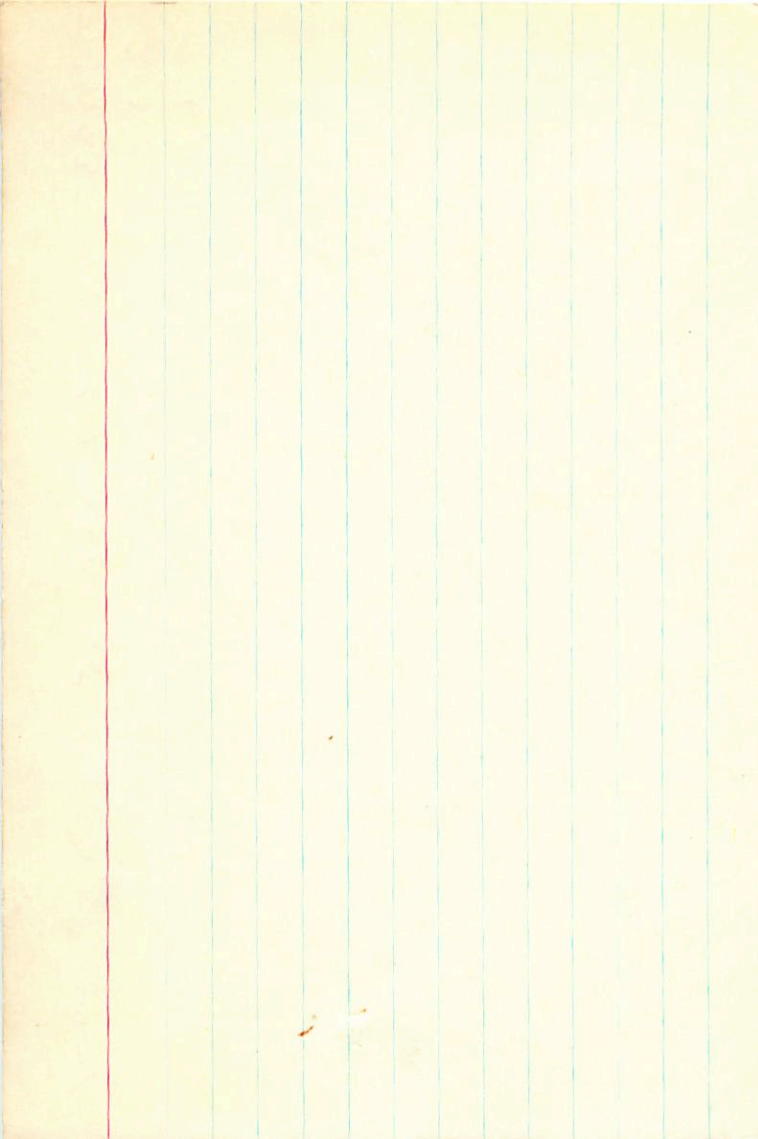
+0.1

20350

8767

-0011²² -021³² N30

-6008 ± 3.3 -026 ± 2.5 Ac. N30



C-15-10

15

~~87~~

104

36

1900

(2)

W1137

09.1

1206 OLS

1964 192

19202

OLS-460

(NO)

65

460

615

1900

ME	126
AGE	19, 120
ED	140, 800
4	12, 800
ED	14, 800
4	12, 800
ED	14, 800
4	12, 800

3

23

.A.	:	15.100
EC.	:	-4.600
.A.	:	65.000
EC.	:	-460.000
NCE	:	6.150
LUS	:	170
EL.	:	90.000
(U)	:	-0.552
(U)	:	0.428
(U)	:	-0.716
DU	:	%-1101.725
U	:	-251.520
(V)	:	0.667
(V)	:	0.741
(V)	:	-0.072
DU	:	%-1411.122
V	:	-246.139
(M)	:	-0.500
(M)	:	0.518
(M)	:	0.695
MP	:	%-1281.966
M	:	-155.196

+10016 ± 1000
 -150 ± 7.3
 +10009
 -094
 -43 32
 65 ± 4
 -3.8 ± 0.7
 9.15
 134331/30 15 07.4
 20350
 2.01 ± 0.1
 +0.13
 -4.2 ± 0.3
 63(14)

~~20350~~ 2.1018 1502.1
 -43 32 23.01 1856.1
 +10010 -095 A
 860

-077
 20.941
 17.62
 5.39
 +10012 -109 B
 +10011 -1025
 327

41.112
 34.700
 39.1
 36.47 1526.98
 +100137 -0995
 +80

~~20.852~~
 20.172
 19.74
 19.03
 156
 978
 413
 21.92
 +131
 20.66
 20.01
 376
 21.88
 41.2
 185.1

21.003
 -11
 20.993
 +031
 22.87 1955.50
 -27
 2309
 +0148
 +014-054

20.993
 2309
 +014-054

20392

$$\begin{array}{r} +0007 \pm 11.3 \\ +0017 \\ -0855 \pm 9.0 \\ -114 \end{array}$$

$$22,591 \quad 19033 \quad -43 \quad 31 \quad 34.0 \quad 1898.9$$

$$\begin{array}{r} -033 \\ \hline 558 \end{array}$$

$$\begin{array}{r} 434 \\ \hline 29,76 \end{array}$$

42767

39740

22507

22129

6218

618

39.1

624

666

+066

22.440

-10

630

49.02

4545

3447

1316

16

33.22

33.22

1928.45

946

34.73

34.73

-4.97

8483

42.4

413.5

1954.38

-22

36.24

36.24

JAY

-19,789

-3,414
3,213

-2,006

-3,199
-3,519

4,136

-3,828
3,018

-4,000
45,709

3,000*
-3,096*
3,014*

-32,000*
-43,000*

2,400*
13,000*

134333,000*

24

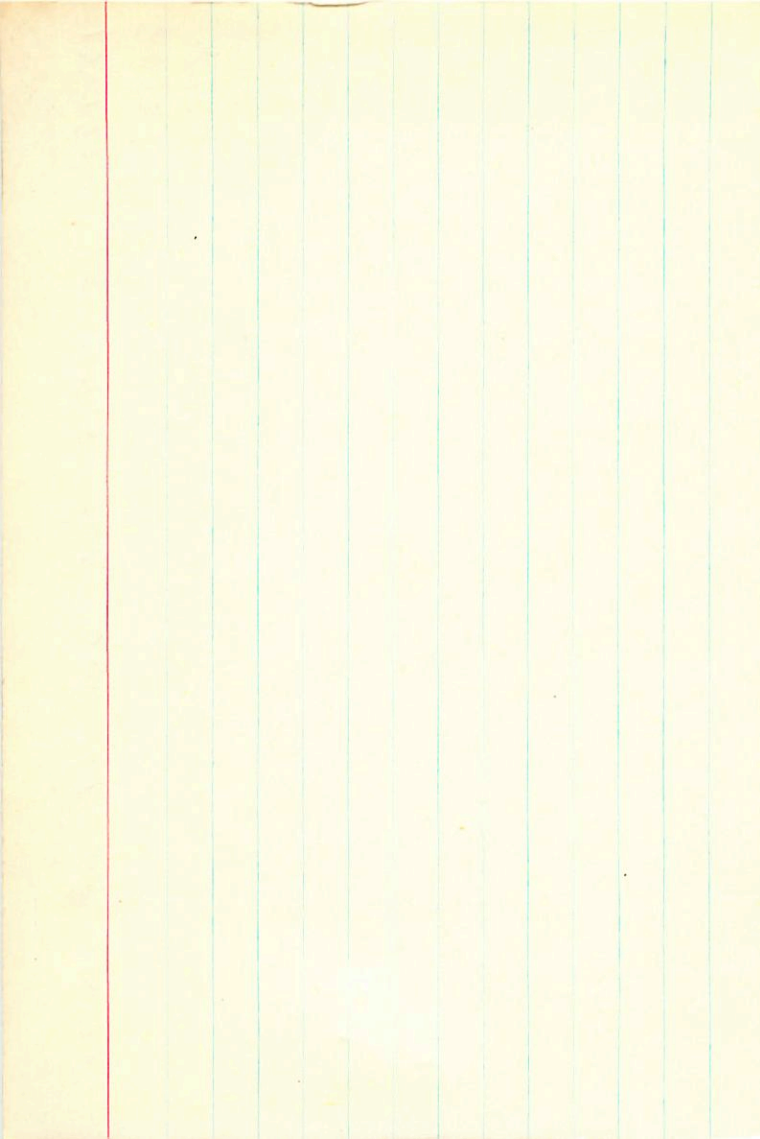
134792 15 08.8 729 25 7.1 FS 715.41

20421

8793

-0011 8 -047 8 N30

-0007554 -02844.766 9N30



X Train A

15 0 5.5

-69 54

-1.8 (5)

HN 50004

29.119

-054
063

1509.7

+6014

-015 733

-4

23.053

+24
122
059

10019	-014	+68
1	15	7.05
+6028-008		

1014

34.28

1935.62

-22
21.51
2.47

-4
+014 - 005

+2.8
+2.8
+0.7

-540	-482	-660	-0355	+0183	-0175
668	259	-700	+0443	-0096	+0347
-512	839	-184	-0340	-0318	-0658

-27 -33 -27

134837 15 10.0 -35 54 BSE -27716 SC

F-9566

6.09 -0.08 (1.36) 99

PL20446

-0038 ± 6.0 -026.35.4
-652

57.854 1893.50036 -021 16.01 18910

2.15
58.069
-0038
-0032 -024
1.53
14.48

-034

23.461 14355 35.46 192922

344756 15.42 41.128

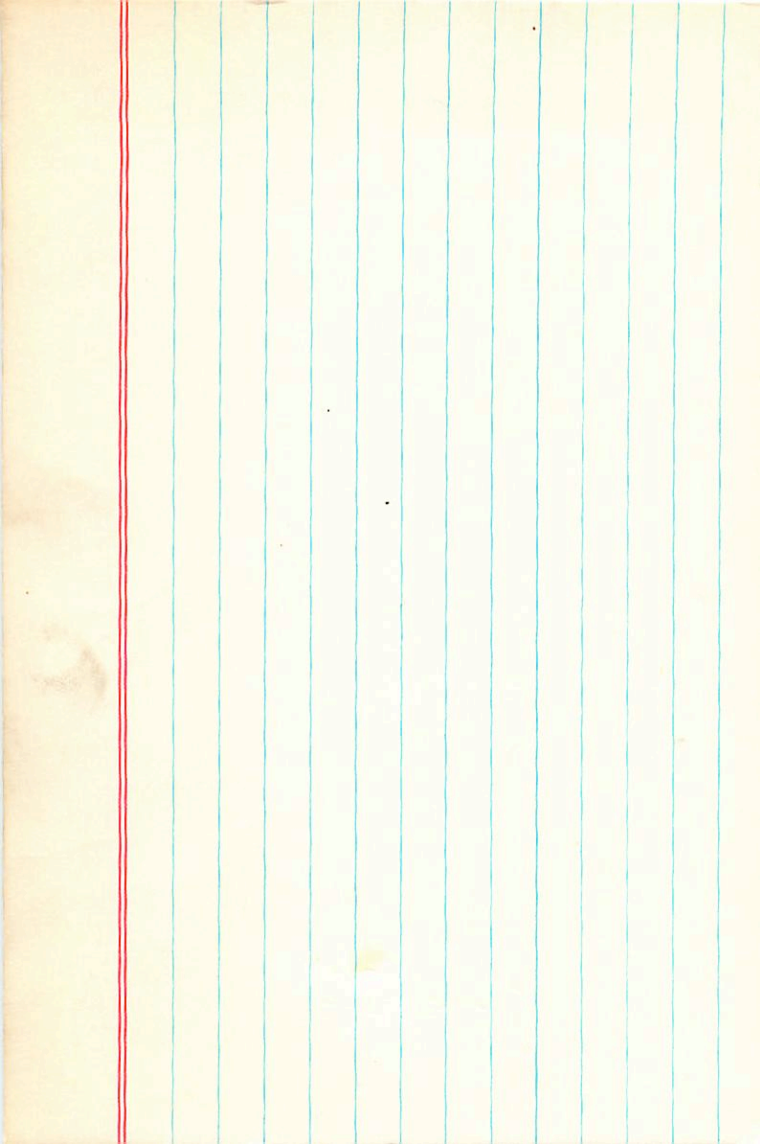
57.49 57.934 15.42 16.55

6409

16.553

56. 932

76.46



134428/29

15 10.7

-41 14

88 D
M.D

-42244
-34744

F0907/918

.817 C(8)

7.81 + 0.81 (1.88)

-41.4

9.6 } 17"

→

~~W. J. ...~~

gray

-238 -257 C/P

-243 -262 C/P

-240 -260

-237 -259 y + c → 884

-272 -257

-275 -244

-272 -254

-227 -244
-220 -253

-254 -41.4

-260 -250

33

28



000*

15.000*

18.700*

-41.000*

-15.000*

-0.260*

-0.250*

3.300*

45.700

-41.400

0.824

-0.770

69.528

-1.487

-0.490

-47.664

-0.341

0.240

-25.540

25

-0012±6.3

-009±6.0

~~0007~~

-005

051

15

10.9

-26 00

6.0

905

-28.38

55.217

1893.5

-26 0

27.54

1891.0

068

288

26.427

28.760

55.187

65

252

258

258

027

55.252

257

39.1

53

27.01

48.94

39.45

28.41

+1.20

27.21

+14

27.07

27.37

-2

27.39

1931.71

27.23

-1.22

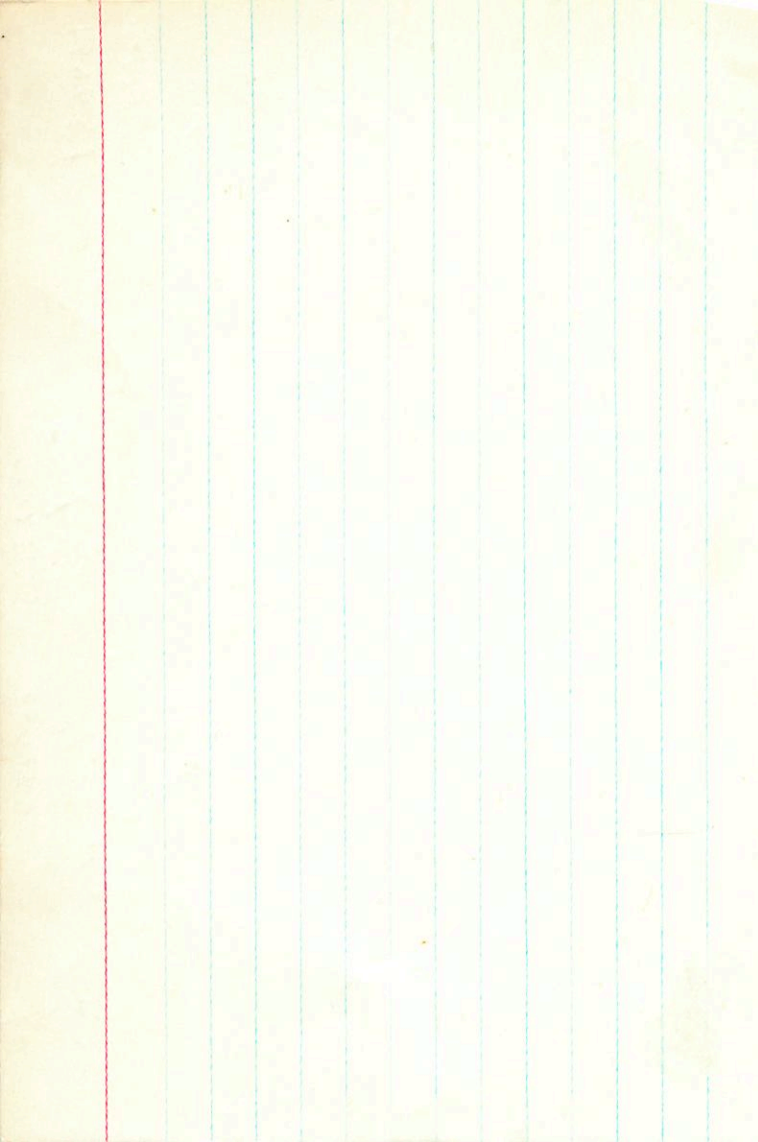
1933.40

511

32.6

41.6

HR 5658



0.1, 0.1, 1.5, 10.5, 40.2, 0.3

Wegelin

9-1 10.7 +0.65 +1

15.2

+0.2

3.56

+0.5

4.3

+1

96



16,867
221,229
0,745
024,0-
-0,428
-0,518

1
-26,388
-379,368
0,0

BV Jan

15 10.9 + 62.02

60.6

BV

-171 +084

161 155
-140 +084 462.8330
-124 +02 5

-0224 +092

4.25
~~4.45~~
4.35

-1517 034

-384

BV 208-8.48

+94

W 8.41-5.88

4.38

+006

0471

1351

22

1351
1351
1351
1351

~~1351~~ + 1351

1271

1351

1351
1351

15.153 : R.A.
 22.000 : DEC.
 -334.000 : PM. R.A.
 24.000 : PM. DEC.
 4.350 : DISTANCE
 74 : MODULUS
 -80.800 : RAD. VEL.

-0.24 : p1 (U)
 0.83 : p2 (U)
 0.10 : p3 (U)
 774.92 : pU
 21.10 : U

0.88 : p1 (V)
 0.35 : p2 (V)
 0.85 : p3 (V)
 -338.80 : pU
 -84.35 : V

-0.20 : p1 (W)
 -0.43 : p2 (W)
 0.74 : p3 (W)
 188.83 : pU
 -31.5 : W

27

R.A. : 15.150
DEC. : 62.000
PM. R.A. : -334.000
PM. DEC. : 94.000
DISTANCE : 4.350
MODULUS : 74
RAD. VEL. : -60.600

q1 (U) : -0.540
q2 (U) : 0.830
q3 (U) : 0.100
dU : 774.920
U : 51.100

q1 (V) : 0.660
q2 (V) : 0.350
q3 (V) : 0.650
dV : -338.890
V : -64.850

27

q1 (W) : -0.500
q2 (W) : -0.420
q3 (W) : 0.740
dW : 188.600
W : -31.000

457250

us

13089

15 11.2 45 43

62 II

13501 HD

-0.90 -108

92.76

~~9276~~

-0.90 -108

~3731

→ 9452

800+50

948

~~100~~
-450

514

104

050

844

106

44

24.2

135011

13059

~~157228~~

15 11.2 - 45 42

G2 III

- 42

2042 105

- 044

- 045 105

1812

- 4577

- 64

- 105

4.5

- 42

28

SP

R.A. : 15.200
 DEC. : -45.700
 PM. R.A. : -54.000
 PM. DEC. : -102.000
 DISTANCE : 4.500
 MODULUS : 79
 RAD. VEL. : -1.200

d1 (U) : -0.234
 d2 (U) : -0.152
 d3 (U) : -0.030
 q1 : 122.028
 U : 14.252

d1 (V) : 0.468
 d2 (V) : 0.224
 d3 (V) : -0.222
 q1 : -402.012
 V : -31.228

82

R.A. : 15.200
DEC. : -45.7
PM. R.A. : -60
PM. DEC. : -11
DISTANCE :
MODULUS
RAD. VEI

q1 (U)
q2 (U)
q3 (U) :
dU :
U :

q1 (V) :
q2 (V) :
q3 (V) :
dV :
V :

28.4

57.9

2

495.0.709
495.0.709
495.0.709
495.0.709
495.0.709
495.0.709
495.0.709
495.0.709
495.0.709
495.0.709

225.527
-504.0.109
-23.572
0.667
0.109
0.109
0.109
0.109
0.109
0.109

996.749
576.949
-0.588
-0.588
-0.588
-0.588
-0.588
-0.588
-0.588
-0.588

15 05.8 +4 07 2.20
 15 03.3 +4 18 1900
 +320

134169

24D. 92+25

7002-016 5
 -2-6
 -025-022
 0 +5

-555 530-641 / +0131 -0122 / -0296 -18 -16 -025 -017

667 744 037 / -0158 -0600 / -0758 -4 4

-496 408 766 / +0118 -0329 / -0211 +17 +19

