

7575

19 50.7 -3 14 AP

188841

27572

5.64 +20 +09 C

②

d-  
22/10/20  
2 W/m

5.66 062 272690 2.856 1,033,1

283  
366

Budha

F12.5

057 313 773 2850

27  
14

100 155 +014/6

573 -046 112

5.59

1024 +014

20

67

R.A. : 19.850  
DEC. : -3.250  
R.A. : 24.000  
DEC. : 14.000  
DISTANCE : 5.590  
MODULUS : 131  
VEL. : -20.000

q1 (U) : 0.466  
q2 (U) : 0.441  
q3 (U) : -0.767  
dU : 82.135  
U : 26.126

q1 (V) : 0.226  
q2 (V) : 0.779  
q3 (V) : 0.585  
dV : 77.405  
V : -1.538

q1 (W) : -0.856  
q2 (W) : 0.446  
q3 (W) : -0.263  
dW : -67.571  
W : -3.607



68332

7579 19 53.5 - 09 18 Am

18809  
650881  
27594

-36  
+44

574 +22 +15 L

+150 -6960  
+1430 -973  
+257

+30  
+20

-12.76

573 118 207 508 2844 19732

6418 -10060

7408 0106

6073 -099

228 886 2.844

MV = +2.2

m-m = 3.55

508  
-6613

9956

-0937

1216  
9111  
00145

29

2145  
353  

---

6435  
10925  
6435  

---

10925  
6435  

---

757185

7579.000\*

19.000\*

53.500\*

-69.000\*

-19.000\*

4.073\*

-9.099\*

3.550\*

51.286

-12.700

9.487

-0.713

29.913

-0.324

-3.474

-10.615

-0.263

-0.518

-5.925

62

2598

19 52.2 + 701 A0

188885

017 169 1009 7923

27567

10015 + 1016

1022 + 1016

102 / 101

6.14 + 03 to 4 C

21 2929

013 187 989 2.924 47,019

018 187 985 - 2.907 58

6.15 022 143 1025 2925 226123 (2)

~~010~~ 130 1000 2918 - 3

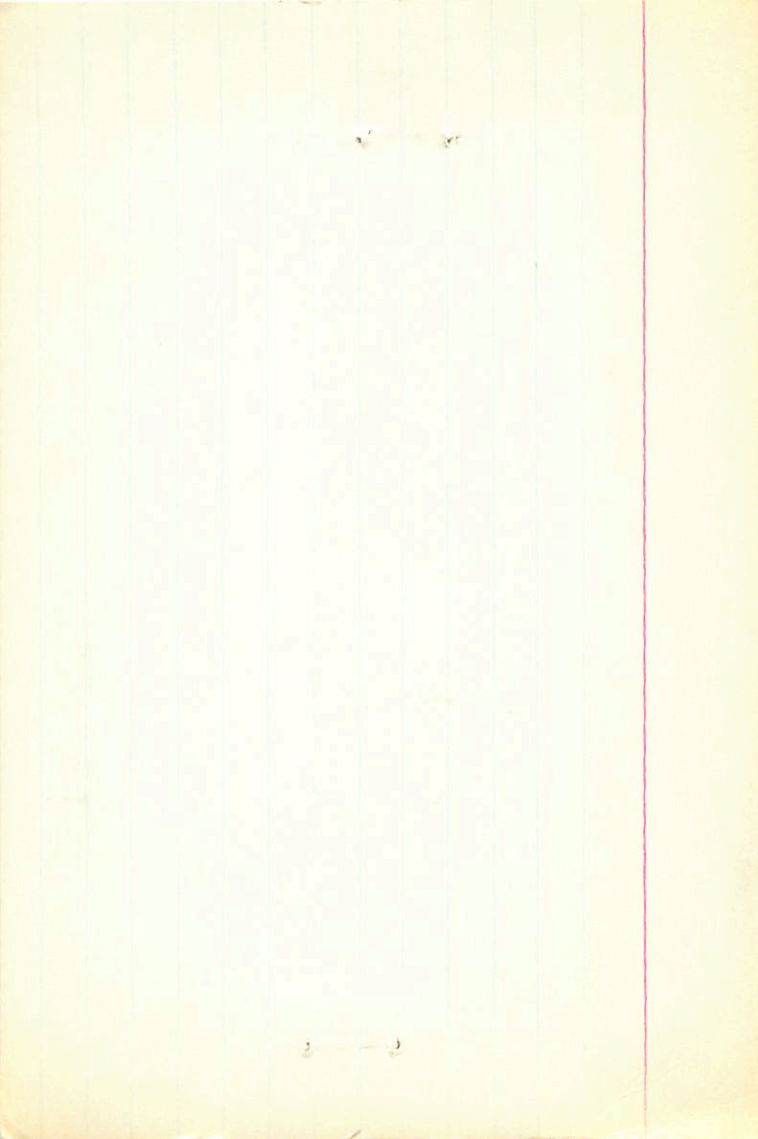
-16.0

122  
162  
346  
~~160~~  
1378

10015 + 1009  
+ 2  
10017

020 = a  
- 4 = B

+ 1.45  
4.5





AD513093

188385

27567

12256

+0019 ± 6.5 -004 ± 8.0  
+0090 +004

19 52.2 +07 00 6.0 ADm -16.06

13.649 1896.6

-101

547

13.579

7  
586

38.3

13.573

+10

583

584

+037

+7 0 28.65 1899.1

20.

28.85

28.70 1933.2

16  
28.56 1829

29.12 1936.52

+03

29.99

28.98

+13

9.72

34.9

35.8

63

4087

97992

7611 19 52.8 459 35 A0

188743

27581

1366  
15

SB

6.0

010 163 1058 2900 e d c d

-004 184 1096 2896 JB

+003 173 1050 2400 (18)

010 = a ✓ 156

020 = n

numbers (P. 7) unimportant

405045156  
4055

+004 +106

1400

42.11 r 55.5 w

5.63 0.44

7936 63750 0696

5.38

-13.7 = 6085 7705 5022

4081 4003  
+007

4051 4104

+039

64

AD. VER.  
MODULES  
DISTANCE  
M. DEC.  
R. A.  
DEC.  
R. A.  
M. DEC.  
R. A.  
M. DEC.  
R. A.

01 (U)  
02 (U)  
03 (U)  
04 (U)  
05 (U)

01 (U)  
02 (U)  
03 (U)  
04 (U)  
05 (U)

01 (U)  
02 (U)  
03 (U)  
04 (U)  
05 (U)

BM

R.A.	:	19.900
DEC.	:	59.600
R.A.	:	75.000
DEC.	:	55.000
DISTANCE	:	5.380
MODULUS	:	119
D. VEL.	:	-13.700

q1 (U)	:	0.475
q2 (U)	:	0.879
q3 (U)	:	0.045
dU	:	314.574
U	:	36.855

q1 (V)	:	0.218
q2 (V)	:	-0.167
q3 (V)	:	0.961
dV	:	-4.387
V	:	-13.695

q1 (W)	:	-0.852
q2 (W)	:	0.447
q3 (W)	:	0.271
dW	:	-36.761
W	:	-8.095

*OM*

7616

19 54.8 +20 52- A3 III

188971

6.4 6.01 0921568

27630

30

036	157	1139	2885	afaf
030	165	1147	2885	

189

390

065=a

076=r

40.6

5.8

8N 02 ✓  
8M 02

1004-010
1004-010

4  
70

644

88

11

65





8300  
-5564  
7624

1275  
6221  
0302  
1421  
5880  
5829

19 56.6 -34 50 Am? 23145 242 275  
79 237 -3219 26115  
-314 262

18918

22  
+15

5.30 +17 (+10.5) L

(2)

27676

(9841)

5.33

104

160

975

2864 268,72

24

22

60 new

102

175

988

2859

~~+6882~~

23.5

5.28 +23.1316

+6844

107

179

554

28864

+1083

-17.62

126

$m_V = +1.55$

+10  
+1.2

+163

+1084-081

-81

3.69

3.45

6322

-17.6

2081 086

7824

11

1266

821

66

122

258

109

33

66

66

R.A. : 19.950  
DEC. : -34.850  
R.A. : 126.000  
DEC. : -81.000  
DISTANCE : 3.690  
MODULUS : 55  
VELOCITY : -17.600

q1 (U) : 0.485  
q2 (U) : -0.020  
q3 (U) : -0.874  
MP : 245.190  
U : 28.801

q1 (V) : 0.210  
q2 (V) : 0.973  
q3 (V) : 0.095  
MP : -270.774  
V : -16.476

q1 (W) : -0.849  
q2 (W) : 0.229  
q3 (W) : -0.476  
MP : -504.181  
W : -19.202

66

7630

19 57.3 - 45 15 A 2 H

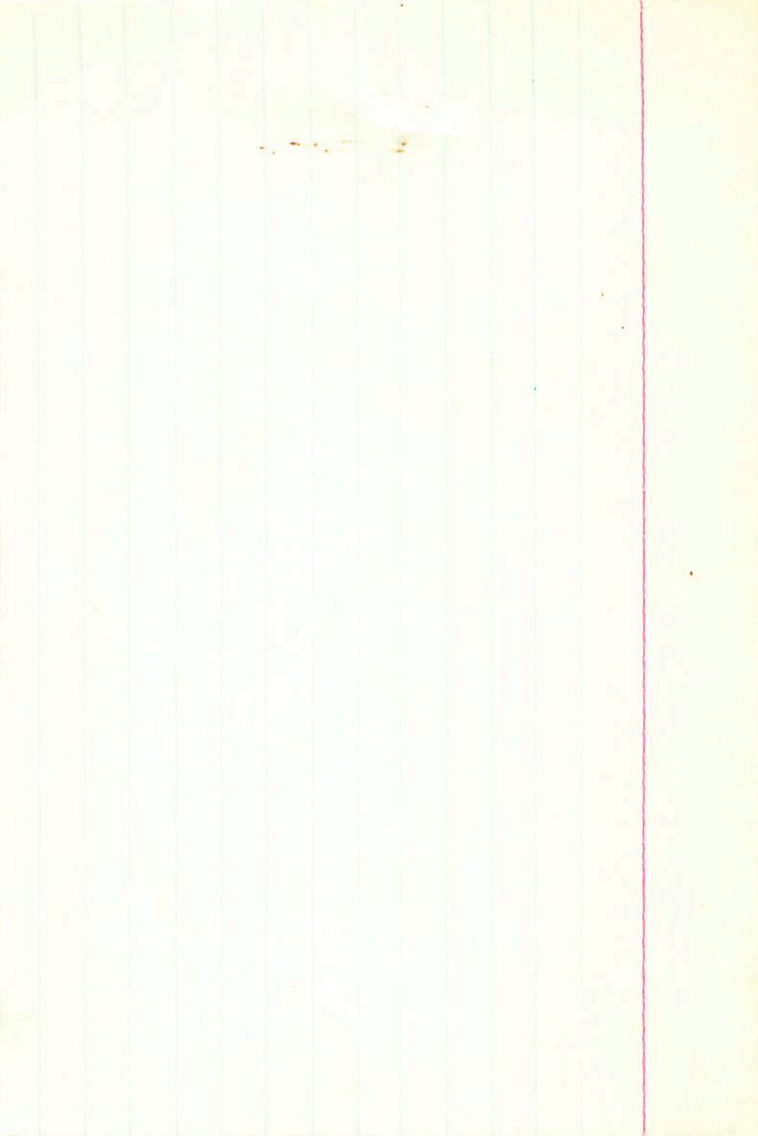
189198

27697

580 + 28 + 08 C

②

181 156 886 2744 082,5



7634 15 55.2 + 56 33 42

189296

27641

Level

050 770 1.054 (2) 500 2875

(40)

2nd part

137  
130.5  
1015  
1034  
1016

1016  
1034  
1016

174

358

1044

1402

1494

494

074 = a

055 = n

144

+1.0

5.1

6321  
0134

547

30.5

51  
16

11

67





R.A. :	19.900
DEC. :	56.550
R.A. :	51.000
DEC. :	16.000
DANCE :	5.470

7654

85581

91122

15 ppd

15 579 +63 24

~~555~~  
6.0

(47)

20 155 1.117 2868.800

14.1  
68

1598

846  
~~1013~~

039=6

087=2

179

-010-020

-014-020

(-119-020)

201  
-20  
610  
-94

+0.25

5.75

R.A. : 20.000  
DEC. : 63.400  
R.A. : -21.000  
DEC. : -26.000  
TANCE : 6.100  
XULUS : 166  
VEL. : -8.900

1 (U) : 0.494  
2 (U) : 0.862  
3 (U) : 0.109  
DU : -128.316  
U : -22.265

1 (V) : 0.202  
2 (V) : -0.236  
3 (V) : 0.951  
DV : 20.054  
V : -5.133

1 (W) : -0.846  
2 (W) : 0.448  
3 (W) : 0.290  
DW : -17.534  
W : -5.494

108

108

627L  
188681

14 580 40 57

-310

6887 2171 631 270

1004-028 } gear head

158.1 169 05.9

+1.17  
+1.47

32  
28

4.60

-310

69

R.A. : 19.950  
DEC. : -40.950  
R.A. : 32.000  
DEC. : -28.000  
DISTANCE : 4.900  
MODULUS : 95  
VEL. : -31.000

q1 (U) : 0.485  
q2 (U) : -0.112  
q3 (U) : -0.867  
dU : 70.470  
U : 33.617

q1 (V) : 0.210  
q2 (V) : 0.978  
q3 (V) : -0.009  
dV : -105.717  
V : -9.805

q1 (W) : -0.849  
q2 (W) : 0.177  
q3 (W) : -0.498  
dW : -120.818  
W : 3.889

69

SB 3006<sup>9</sup>

-2-

7653

19 59.1 127 35 Am

149419

NS Rd

27753

765 + 18 + 16 J

98513

4111-107 1440

096 202 1064 ② 500

2840  
②

590 / 1045 2840

Bank 51

FIR

10016

57.99

3.76

66

1001001

1001001

4502

-2

1059 1005

1

0.33  
1.19



70

P.A.  
DEC. 28.000  
PM. R.A. 27.000  
PM. DEC. 40.000  
DISTANCE 15.000  
MODULUS 4.000  
AD. VEL. 13  
-21.000

01 (U) 0.410  
02 (U) 0.763  
03 (U) 0.410  
04 152.153  
05 12.000

01 (U) 0.410  
02 (U) 0.763  
03 (U) 0.410  
04 152.153  
05 12.000

R.A. : 20.000  
DEC. : 27.600  
PM. R.A. : 66.000  
PM. DEC. : 5.000  
DISTANCE : 4.320  
MODULUS : 73  
AD. VEL. : -21.000

q1 (U) : 0.494  
q2 (U) : 0.763  
q3 (U) : -0.416  
dU : 155.153  
U : 20.082

q1 (V) : 0.202  
q2 (V) : 0.365  
q3 (V) : 0.909  
dV :  
U :

13.000  
36.000

W 12385 15 55.9 +24 4 } 1000  
-332

H019000  
6027765

225 187

500 2326

5002- 4068 Wm  
+4 Wm  
+072

765

10069+00  
760 104  
72  
357  
-17  
-81

+37  
-18  
-20

4604072

7148

454 744 -450 158  
202 406 891  
-846 532 -051  
1597+2539 +4510  
+0806+1386 +2512  
-3376+1816 -1560

-294

6413

020 (5.55) +2.40 3.57

p 1000

1055  
6219

$2 \times 10^{-2}$

$5 \times 10^{-4}$

.8

.1

$p = 2 \times 10^6$

-57

6181

321

$G = 0.75$

$a = 1.42$

$85 \times 10^{-1}$

$\Delta$

51.078

973

+0061 +008

606

~~$105 \times 10^{-6}$~~

+0071 +070

48.20

973

$\sqrt{997}$

+00686

864

$\frac{258}{1972}$

49.72

+0456 +067

6913  
7672

84185

$\frac{1}{193}$

6158

49.51

49.54



10

20.000  
21.000  
22.000

7677

20 02.8 +28 03 A3

-220

190590

27864

974

100 184 544 (2) SDC

2.827

+1003 +017

+1004 +017

+45

fn.

5.06

-22

+105

+124

535

-22.0

030 6130 +124 506



265-y

189980

97716

19 529 43 24 40

—

22

2M4  
19472

NO 038 → 37 +44

(Caulking)  
10078-041

222 164<sup>646</sup> 2220

648 139 1053

(012-041)

2M4  
+222  
2220

+12  
-41

Handwritten notes on a piece of lined paper, including a circled number '5' and several lines of illegible text.

STA  
DDU  
. U

q1  
q2  
q3

q1 (U)  
q2 (U)  
q3 (U)

q1 (M)  
q2 (M)  
q3 (M)  
MP  
W

73



R.A.  
DEC.

7

20.050

17.000

12.000

11.000

A24

7684

20030 + 4805 = 40

-18

160781

27864

$$\begin{array}{r} 20030 \\ + 4805 \\ \hline 24835 \end{array}$$

$$\begin{array}{r} 24835 \\ + 1500 \\ \hline 26335 \end{array}$$

$$\begin{array}{r} 26335 \\ + 1000 \\ \hline 27335 \end{array}$$

$$\begin{array}{r} 27335 \\ + 1000 \\ \hline 28335 \end{array}$$

$$\begin{array}{r} 28335 \\ + 1000 \\ \hline 29335 \end{array}$$

$$\begin{array}{r} 40050 \\ + 1000 \\ \hline 41050 \end{array}$$

$$\begin{array}{r} 41050 \\ + 1000 \\ \hline 42050 \end{array}$$

10005

+ 1000

10005

125

130

10005

+ 1000

FIN'S SUPPLY

10004

10004

176

350

1073

1429

1460

14

14

200

035 = a

073 = r

171

$$\begin{array}{r} 10.4 \\ \hline 5.6 \\ \hline 16.0 \end{array}$$

5.5

1603

- 139

5.64

- 13.9



74

204

161131

FL886

2V 041 463 45

2.48 37.28

12.74 0.53

20.250  
21.250  
22.250  
23.250  
24.250  
25.250  
26.250  
27.250  
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93.250  
94.250  
95.250  
96.250  
97.250  
98.250  
99.250  
100.250



R  
D  
R  
D  
TAN  
DUL  
VE

1 (U  
2 (U  
3 (U  
d

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

q1 (M)  
q2 (M)  
q3 (M)  
MP  
M

Page  
P12425  
125577

20 12.0 +15 03 5.0 A2m-23.07

A2E

well

+0035<sup>57</sup> +060<sup>54</sup> N30  
+0036±1.4 +057±1.36L → N30

+130

(F12)

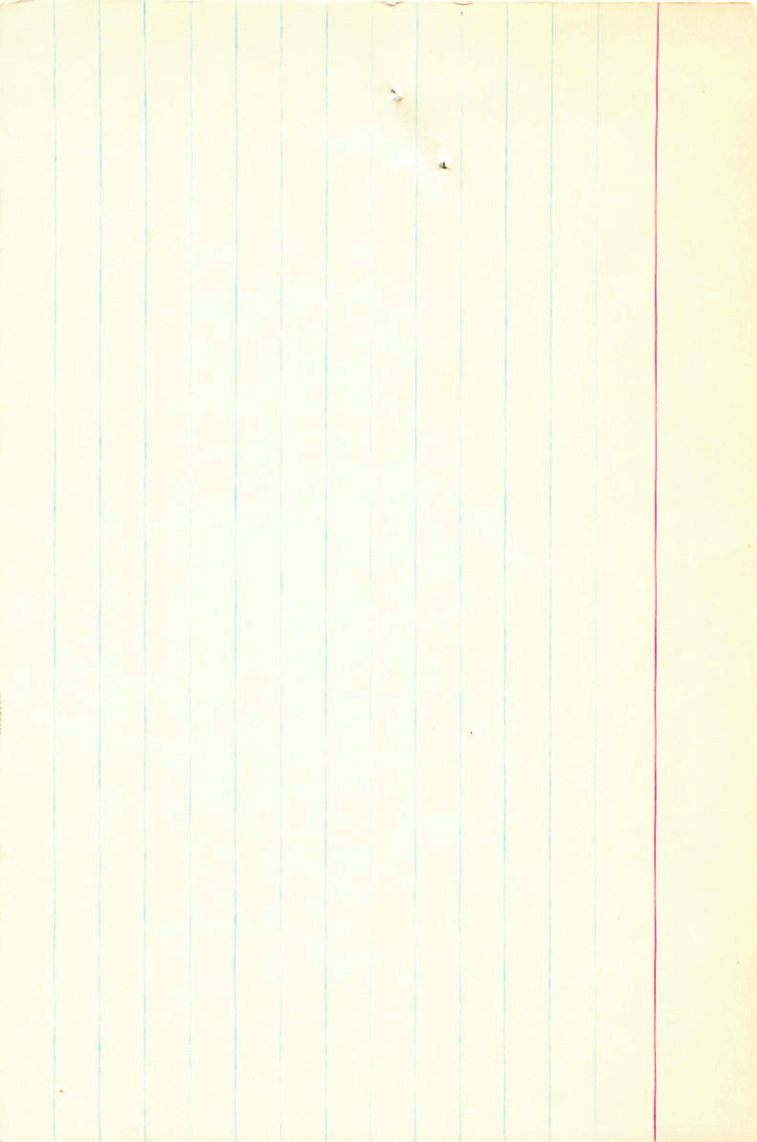
28 158 1023 2.920

+00348+0564

495 -105 1430

(+058 -1057)

60  
57  
3.56  
-230



5

Faint, illegible text, possibly bleed-through from the reverse side of the page.

R.A. : 20.050  
DEC. : 23.050  
R.A. : 4.500  
DEC. : 17.000  
DISTANCE : 5.060  
MODULUS : 103  
VEL. : -22.000

q1 (U) : 0.504  
q2 (U) : 0.725  
q3 (U) : -0.469  
dU : 68.325  
U : 17.349

q1 (V) : 0.193  
q2 (V) : 0.435  
q3 (V) : 0.879  
dV : 38.842  
V : -15.355

q1 (W) : -0.842  
q2 (W) : 0.534  
q3 (W) : -0.079  
dW : 26.485  
W : 4.461

72

2004

130172

20 033 -7 37

+44

646

222 164 691 2723

(Circuit)

+0008-044

608 138 1053

~~+244~~  
~~+222~~  
240

(012-041)

+12

-41  
428

44

570 608 270 428

73

R.A. : 20.050  
DEC. : 48.100  
R.A. : 16.000  
DEC. : 4.000  
DISTANCE : 5.640  
MODULUS : 134  
VEL. : -13.900

q1 (U) : 0.504  
q2 (U) : 0.856  
q3 (U) : -0.118  
dU : 41.741  
U : 7.247

q1 (V) : 0.193  
q2 (V) : 0.022  
q3 (V) : 0.981  
dV : 10.196  
V : -12.266

q1 (W) : -0.842  
q2 (W) : 0.517  
q3 (W) : 0.154  
dW : -32.840  
W : -6.556

W



204

161151

FL 886

2.48 37.27

12.74 0.53

2V 041 463 45