

2656 6.441 - 0.8 - 30

53367

7

0.3

13

-10 25

6.97 + 0.44 - 0.59

470 - 30

6.97 + 0.465 - 0.68 19 Jan 75

SE 70M

B

11.08

+ 0.61

+ 0.02

19 Jan 75

-92

-107

-07

66

2 8
225
11

35
1225
24
30

-53

4

-101

412

91
135

859
217
142
6

217
8
171
11
8
20

71
27
1427
436
3

741
436
1181

224959 00 00 35

-3 00 9.50 00 CH

9.16 +0.315 280075

9.06 +0.37185469

9.05 +0.36520" 4

9.05 +0.37

9.47 +1.075 +0.48 280075

9.13 +0.42

9.12 +0.39

9.16 +0.42

9.30 +0.39

9.15 +0.39

9.14 +0.40

9.31 +0.41

L 362-8) 0 00 26 -43 19 13.05 + 0.07 - 0.87

12.45 + 0.14

~~0.26~~
4.826)

12.89

12.80 + 0.165

~~12.84~~ + 0.20

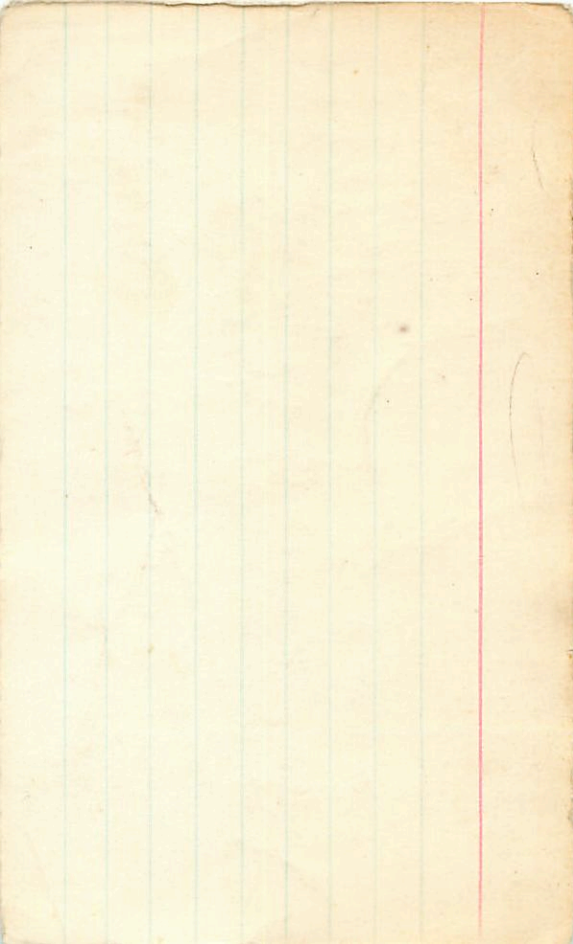
12.88 + 0.155

22 nov 68

18 nov 68

19 nov 68

good



H055

00

03 38

-68

00

8.51 + 1.08

2.75

+0.405

18 Aug 69

18 Aug 8.51 + 1.04 (0.61)

+0.89

7.71

+0.47

19 Nov 68

8.51

+1.06 + 0.85

8.95

+0.445

21 Nov 68

8.52

+1.05 + 0.87

7.97

+0.48

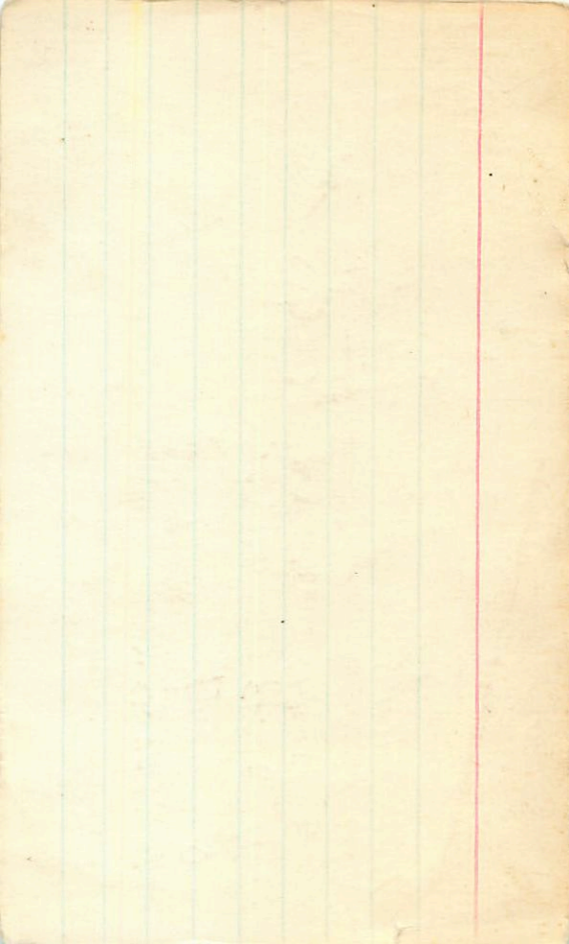
19 Dec 68

7.90

+0.43

7.89

+0.42 N



1.7

LFT 3 00 02 STP

-40 53 142 m

11.47 +120 8 Aug 70

10.89 +1.25 28 Aug 69

10.42 +1.24 18 Sept 69

10.46 +1.235

12.85 +1.63 +1.30 3 Dec 69

12.83 +1.63 +1.30 26 Oct 70

↑

12.94 +1.63 +1.30

check

105

00 04 09

-14-

57

LS

7.5

+60

257 +0.58 +0.04

7.52 +0.57 +0.02

7.54 +0.575 +0.03

¹⁴ Dec
69

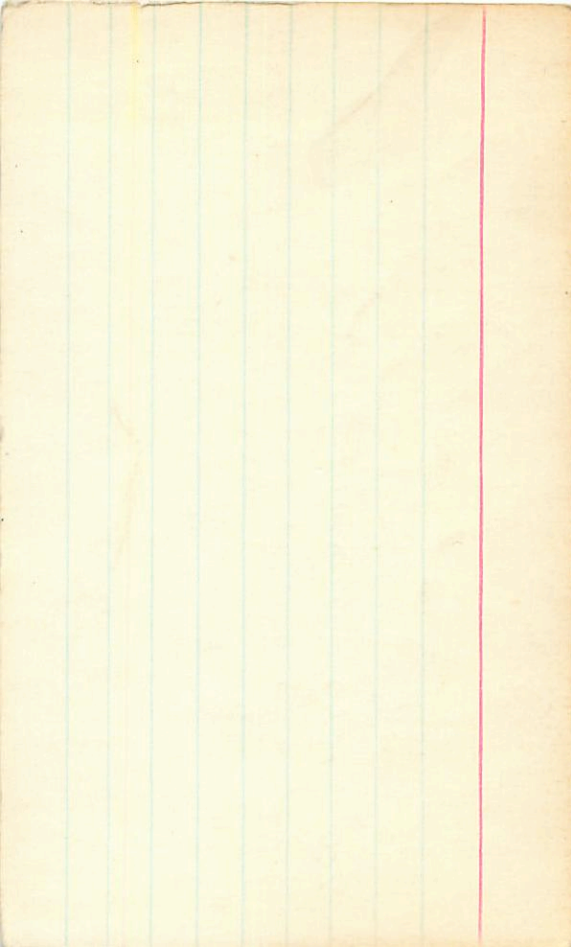
LFT 5 00 03 15 -37 31 7.49 10.92

738¹⁴ + 965 19 nov 68

756 + 092 21 nov 68

749 + 92 18

746 + 093



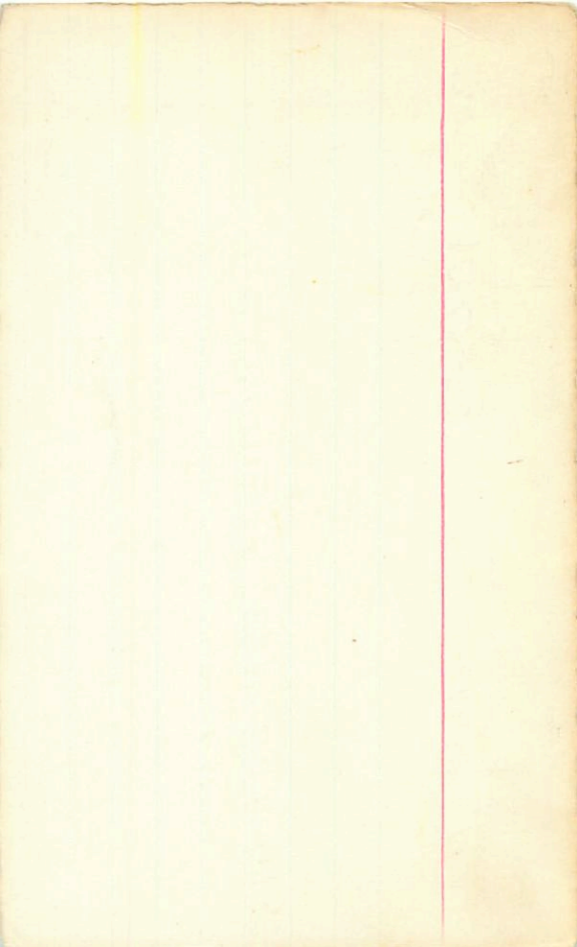
-370 15492 0 02.5 -37 36 8.6 M9I

$\mu = 6.08$

17.22

8.64 +1.43 +0.93 P Dec 64 40"

8.62 +1.48 +0.98 7 Jan 64 40"



142 60 04 36 -49 15 55.69 +52

5.76

+0.52 +0.04¹⁴ dec

5.71

+0.48 +0.0030257

5.74

+0.50 10035

+0.02

292

2.03

Q158-27 7-2-85 19 00 05 02 -7 42.5 5.25 15.75 14

11.66 +1.52 Nov 4 (1)

11.80 +1.58 22 Aug 69

11.69 +1.52 18 Nov 68

11.78 +1.56 18 Aug 69

~~11.76~~
+1.54

13.88 +1.93 +1.64 Nov 6 (1)

13.74 +2.01 +1.51: 12 Sept 69

13.90 +1.95 +1.62 3 Nov 69

13.80 +1.96 +1.60

Acc: = 11

PASC

83 210

155

11.25

9.35

1.75

11.12

Blue

+12.1

6-158-27

00 04.8

-07 44

1963

13.84 11.66 +1.52 - 11 Aug 64 100"

13.88 +1.93 +1.64 1 Aug 64 200"

WDS1 · 00 09.3 -20 57 1943

A 11.97 +0.51 -0.08 1 Aug 64 200"
(12.14 +0.53 0.00) 6 " 11"

B 13.74 +0.74 +0.16 1 Aug 64 200"

12.50 +1.63 - 0.01 3 Dec 69
12.76 +1.73 0.00 15 Dec
64521 00 06 00 -25 29 9.09 11.41 10.4-16.3

12.95 +1.80 +0.05 27 Dec

11.63 +1.64 +0.77 23 Aug 69

10.65 +1.50 +0.72 17 Aug 69

10.83 +1.44 +0.36 12 Sept 69

11.09 +1.46 +0.20 29 " "

11.09 +1.49 +0.18 2 Oct 69

(11.59 +1.46 - ^{0.2} 23 Oct 69) or or

10.32 +1.45 +1.72 3 Nov 69 ^{Nov 69}

11.89 +1.55 +0.01 6 Nov 69

12.87 +1.73 - 17 Nov

8.93 +2.04 5 Dec
9.12 +2.05 19 Dec
9.09 +2.05 25 Dec

9.13 +2.03 29 Dec 69

8.20 +2.02 5 24 Aug 69

8.27 2.00 26 Aug 69

7.87 +1.92 18 Aug 69

7.85 +1.92 22 "

7.88 +1.96 18 Sept 69

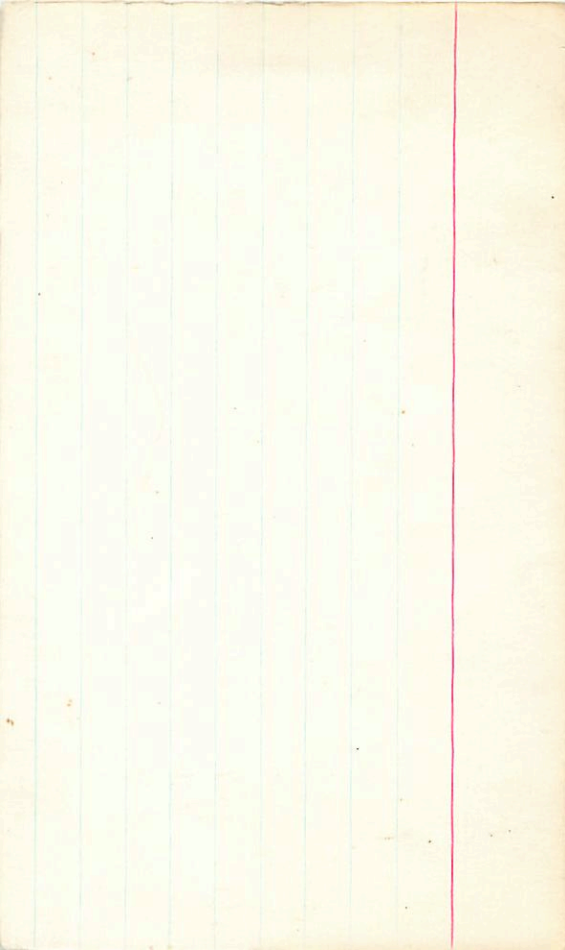
7.99 +2.01 20 "

8.09 +1.89 5 Oct

8.45 +2.00 8 Nov

8.61 +2.00 19 Nov

8.64 +1.95 20 "



9/6 00 12 30 -4 4 7.5 66

7.40 +0.93 +0.64 30 Nov 71

7.55 +0.895

7.43 +0.895 +0.695 31 Dec 71

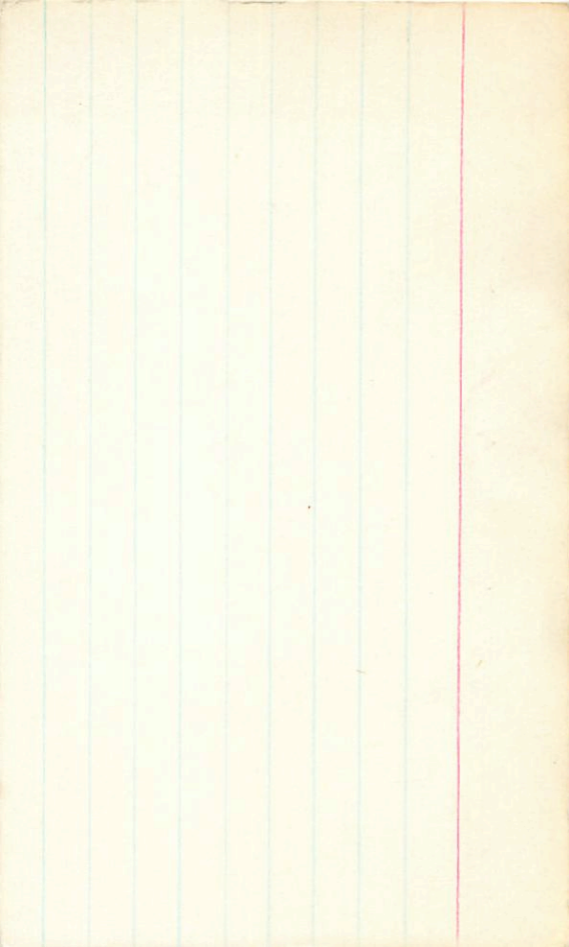
7.42 +0.90 +0.67

6.95 +0.325 1 Dec 71

(7.29 +0.345 3 Dec 71)

7.11 +0.335 4 Dec 71

7.00 +0.335

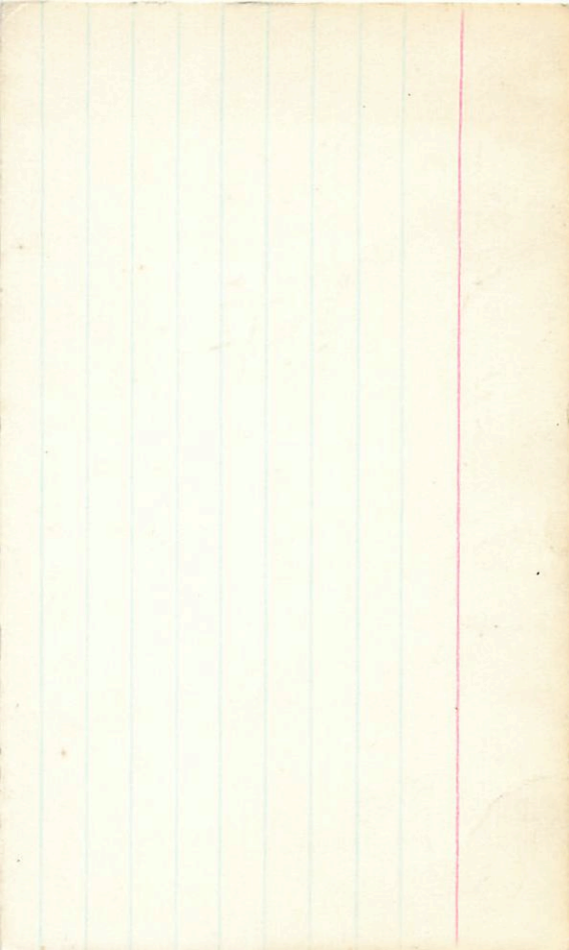


LFT22 0 12.9 - 16 25 12.8 pm 0.84134"
L 089 BS

G158-50

11.53 + 1.74 + 1.24 7 Oct 70

10.03 + 1.205 8 Oct 70
10.13 + 1.222 7 Oct 70
10.08 11.21



1116 60 11 42 -88 02.5 7.9144PI

7.19 +150 +183. 21 Oct 73

7.19 +1.53 +186 Sept 19 73

7.19 +1.51 +186 Oct 17 73

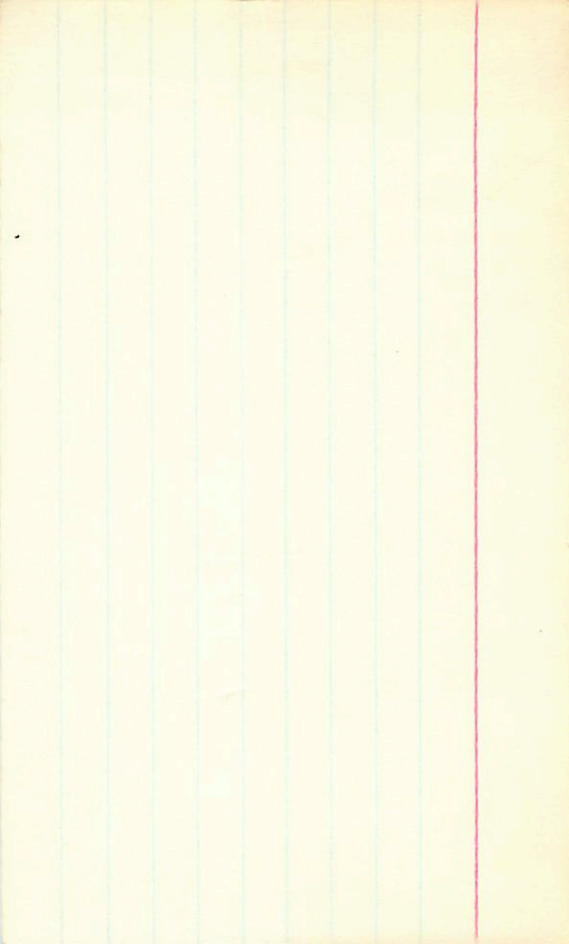
7.16 +1515 +195 Oct 22 73

7.18 +1514 +195

6.40 +0.625 1971.55

6.42 +0.60 2442.01

7.19 +1.52 +181 2440.10



714 00 10 15 +18 46 +33.0

7.64 +1.015 +1.04 (2)

7.19 +0.90 (2)

696
5

623

625
-1.59
9.7

+067

-3

+064

+2

+066

+007

+8

+015

+3

+017

-4

+013

Y

7-14,000*

0.330*

10.000*

18.000*

46.000*

0.066*

0.013*

7.800*

290

363.078

33.000

0.298

0.255

92

116.608

-0.113

0.687

-9

-18.501

-0.003

-0.680

-23.486

11.55	+1.73	+1.58	17 Nov	543	541	11.34	+0.835	5 Dec
12.26	+1.60	+2.04	3 Dec	559	563	11.37	+0.88	7 Dec
TT Sol	00	15	25	-30	24	1339	13.8-16.2	
14.02	+1.96	+2.1	27 Dec		575	11.48	+1.335	19 Dec
12.08	+1.73	+1.39	23 July 69	426	429	12.48	+1.24	25 "
13.46	+1.76	(+1.85)	17 Aug 69	451	427	11.13	+0.885	26 July 69
13.54	+1.76	+1.46	19 "	453	452	12.10	+1.24	19 Aug 69
12.93	+1.64	+1.80	12 Sept 69	477	456	12.16	+1.245	22 "
11.92	+1.53	-	29 "	494	483	11.48	+0.885	18 Sept 69
11.81	+1.50	+1.25	2 Oct 69	497	485	11.34	+0.795	20 Sept
11.36	(+1.31)	-	23 "		498	10.86	+0.635	3 Oct
11.30	+1.52	+0.93	3 Nov	529	534	10.49	+0.52	8 Nov 69
11.30	+1.58	+1.06	6 Nov 69	522	545	10.75	+0.595	19 "
					546	10.75	+0.62	20 "



2440535 +366.2
2242
1707

5 Sep (con)

21 Aug 74 9.41 +1.505 +0.54
9 Aug 74 8.75 +1.35 +0.54
12 Aug 74 8.56 +1.39 +0.55

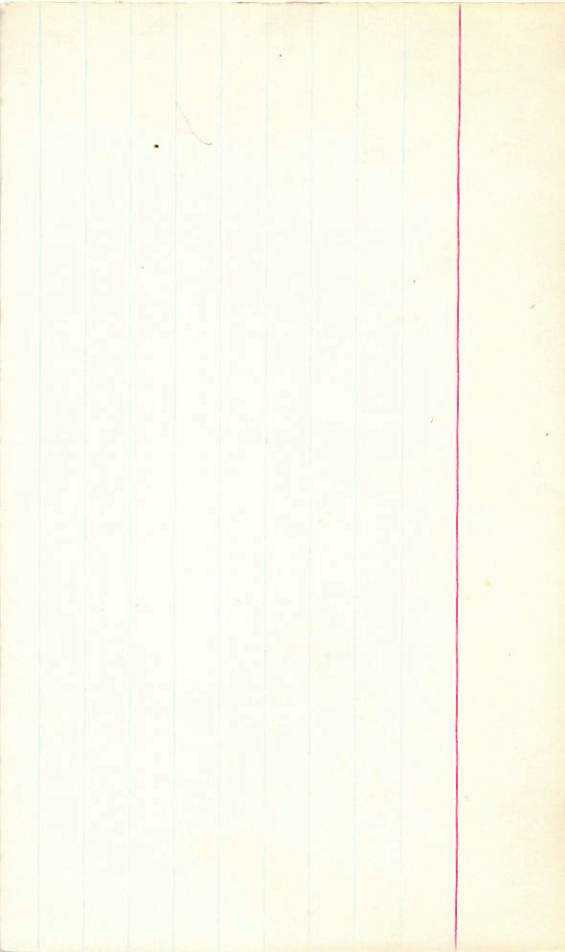
19 Aug 74 5.80 +2.03
22 Aug 74 5.83 +2.09
11 Aug 74 5.54 +1.985
13 Aug 74 5.49 +1.97

8.06 +1.89 +0.24 3dec
9.16 +1.40 +0.03 65dec
9.19 +1.34 -0.21 30dec
5 SEP 80 13.50 -32

541 5.69 +1.82 5dec
575 5.85 +1.93 19dec
5.59 +1.92 25"
13 6.3 -13.4
5.69 +1.925 3Jan 10
487 6.64 +2.22 24July

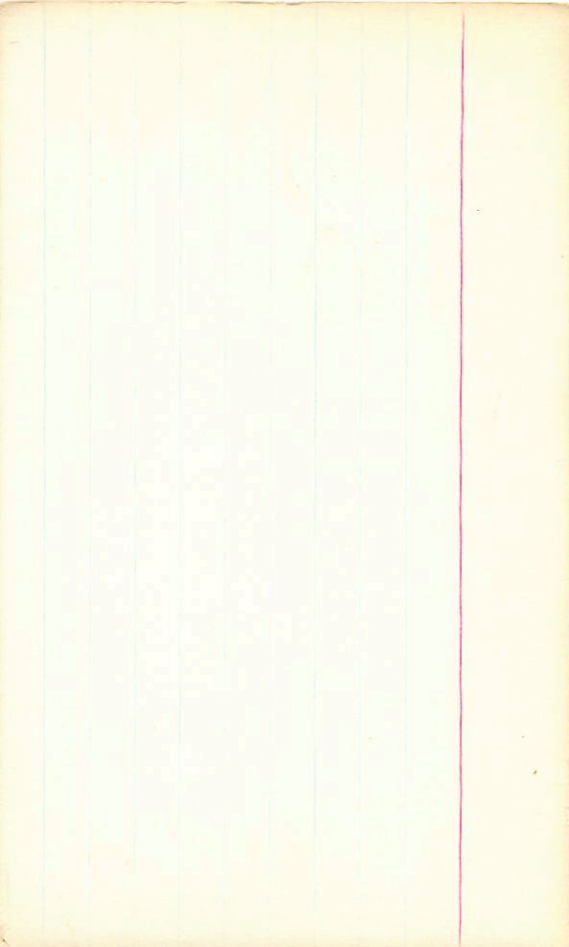
11.15 +1.59 +0.34 23 July 69 424 365
10.55 +1.40 +0.38 17 Aug 69 451
9.64 +1.31 +0.26 12 Sept 69 477
9.20 +1.43 +0.32 29 " 494
8.47 +1.29 +0.33 2 Oct 69 497
7.61 +1.35 +0.54 23 518
7.36 +1.37 +0.54 3 Nov 69 529
7.55 +1.38 +0.42 17 Nov 69 543
7.69 +1.89 +0.40 21 Nov 547

424 365
452 6.59 +2.215 18 Aug
456 6.59 +2.19 22 Aug
483 6.37 +2.14 18 Sept
485 6.35 +2.10 20 "
458 6.07 +1.55 3 Oct
534 5.27 +1.67 8 Nov 69
545 5.46 +1.70 19 Nov
546 5.41 +1.715 20 "



1051 00 13 20 -17 21 6.9 g Ag

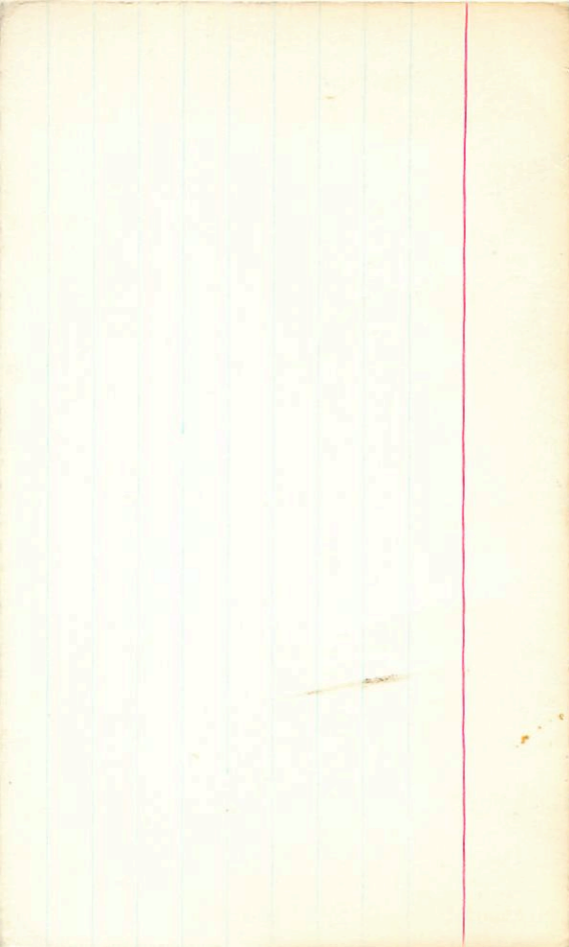
~~6.87~~ +0.26 +0.21 ^{Medan} 69
6.87 +0.22 +0.15 30.6
6.84 +0.24 +0.18



LF717 00 07 45 +08 51 14.4124110

G-BOM8

13.78	+1.34	+1.16	3 nov 69	<u>12.84</u>	+0.605	3 dec 69
				12.77	+0.615	18 nov 69
				12.84	+0.60	8 nov 69

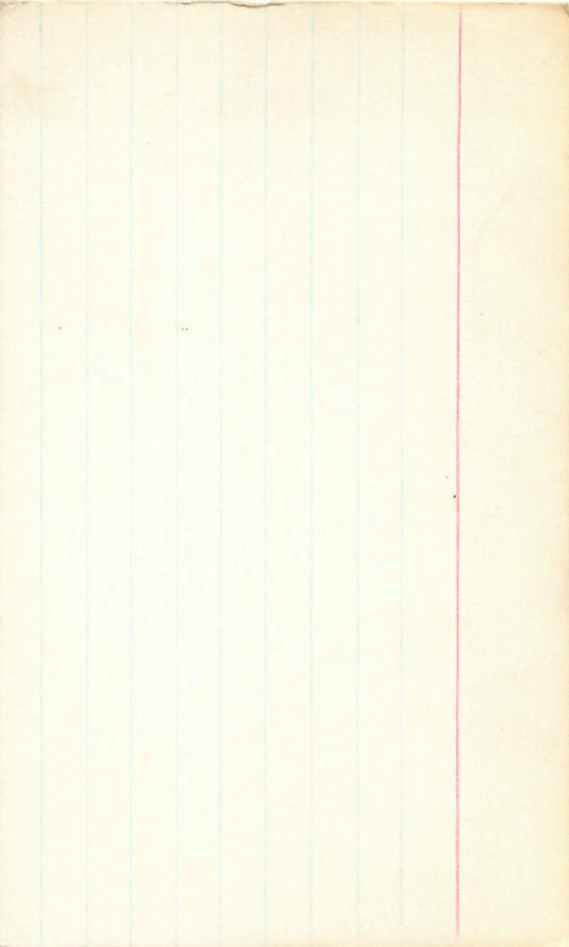


1FT21 0 12.8 -35 28 15.2 in 0.96

434-10

14.42 + 1.58 + 1.075 7 Oct 70

~~13.289~~ + 0.998 Oct 70
13.38 + 1.042 Oct 70
13.34 + 1.015



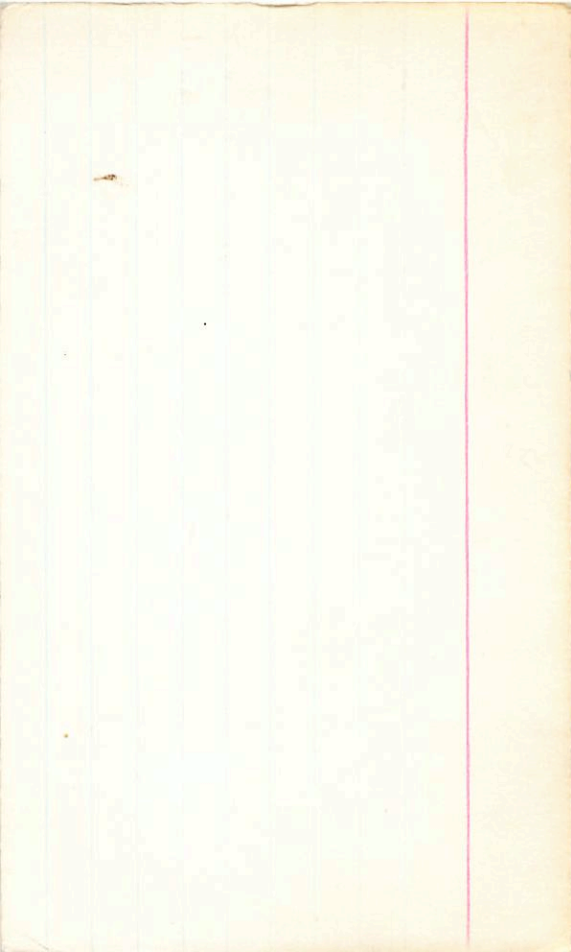
1887 00 13 06 -14 58 6.9 68

29 Mar 71 7.07 +0.96 +0.825
31 Mar 71 6.64 +1.00 +0.91
~~20 Mar 72 6.70 +1.06 +0.825_{23.00}~~
27 Mar 72 6.61 +1.055 +0.96
4 Apr 72 6.60 +1.015 +0.805

6.64 +1.03 +0.825 (4)

~~6.96 +0.96 +0.825~~

6.10 +0.385 3 Mar 71
6.24 +0.39 4 Mar 71



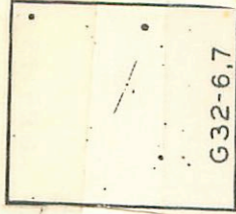
B N

32-4	00	14	54	+19	47	1.07	142+12
-7		15	00	+19	49		150+13

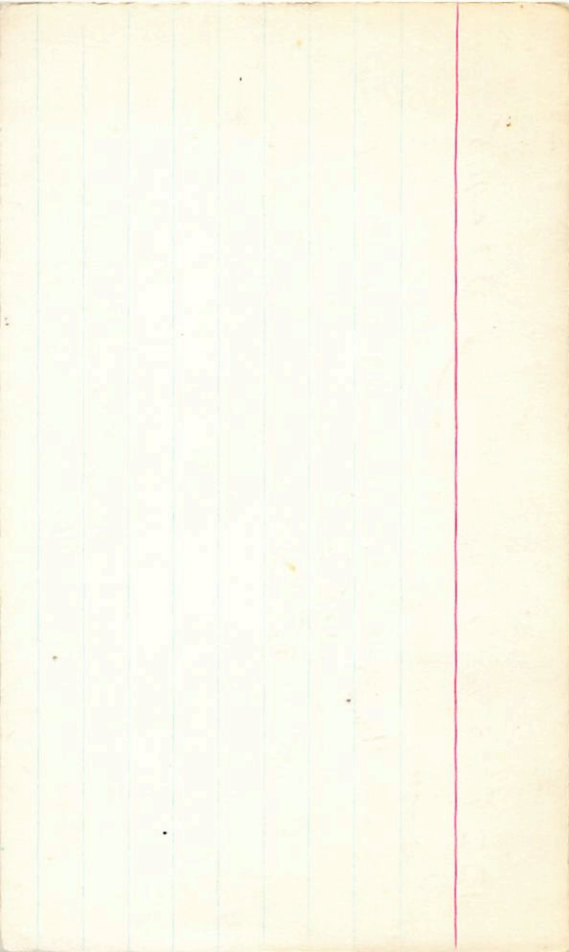
717
516
516

July

Red Agency
Chapman



G32-6,7



LFT 34/35

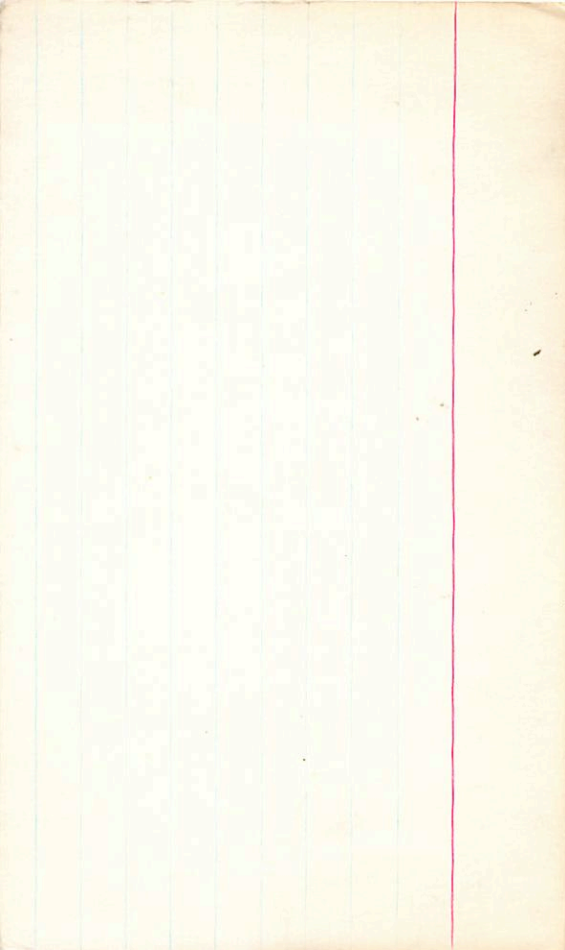
0 17.1 -28 25 14.7m "
9" 15.2m 1.39

?
14.27 +1.52 +1.11 ~~16~~ 30 Oct 70

13.35
~~10.85~~ +1.015 22 Aug 69
13.22 +0.99 20 Sept
13.28 +1.00

13.75 +1.475 +0.915 ~~16~~ 30 Oct 70

12.55 +0.95 22 Aug 69
12.63 +0.87 20 Sept 69
12.59 +0.91



LFT 30

6-158-53

00

10

02

-10

56

147

m

1.04

13.06	+0.705	18 Nov 68
13.07	+0.71	18 Sept 69
<u>13.06</u>	<u>40.71</u>	

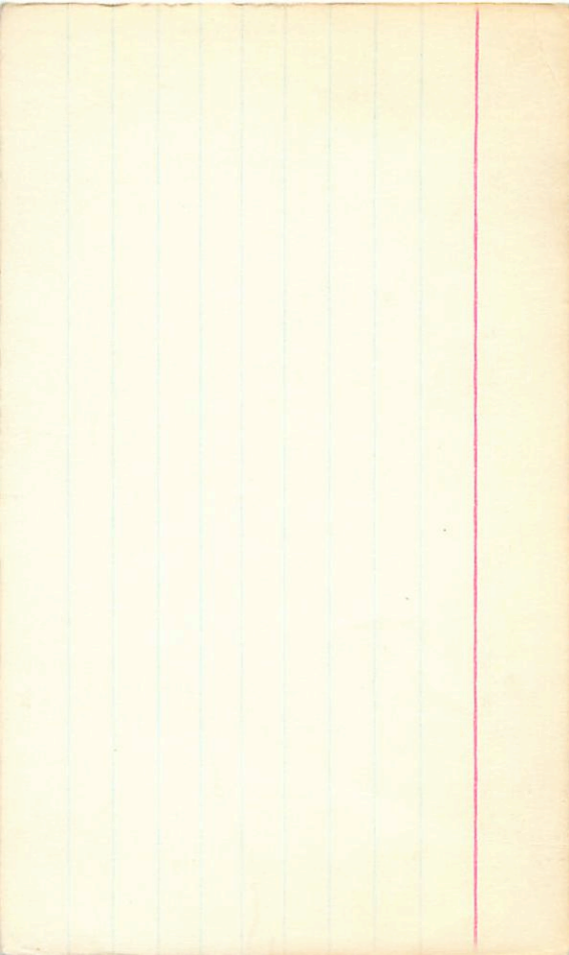
235

7.2

OK

5.15

12.43	+1.49	3 Nov 69
<u>14.05</u>	<u>+1.39</u>	7 Oct 70
14.00	+1.465	+1.385



MSV RT

7041 . 1406 00 17 60 +30 15

7.10 41.135 41.235 2900075 8.0 103 F

6.53 +0.44 1860075
6.62 +0.40 2900075
6.57 +0.42

LFT37

0 19 54 -45 53 11.6m

-46076

10.39 + 150 + 1.20 Ceylon

10.45 + 1455 + 1217000

9.44 + 0.76 58000

9.47 0.76 27000

9.46 0.76 70.76

0.8000

208 0 20.3 -12 29 6.4 dG2

452 ~~6.16 +0.225 18 Sept 9~~

1835 ~~6.11 +0.195 20 Sept~~

Hy 6.40 +0.67 +1.77 ~~6.14 +0.24~~
3E

6.42 +0.65 (+0.09) 25 nov 92

6.40 +0.65 ~~+0.01~~ 26 "

6.38 +0.66 (1.77)

6.41 +0.67 +0.08 12 Sept 9

6.41 +0.66 +0.09

1205	5.5	12.29
755	5.0	12.15
800	11.5	6.21
285	5.0	1.01
	5.0	12.21
	11.5	10.54
	5.0	5.4
	11.5	11.81
	11.5	5.0
	18.1	12.11
		<hr/>
		12.21

114
12.21
19.86

12.21

MBV RT

1433 62 19 38 +26 21 1454

8.0

7.38 +1.36 +1.565 210075

6.67 +0.56 180075

6.71 +0.52 210075

6.69 +0.54

(2)

ADS 363 00 25 36 - 8 02 8 14 + 0.71 - 0.23

8.07 + 0.71 + 0.205

7.77 + 0.265 3000070
7.75 + 0.26 31 1/2 sec⁴
7.74 + 0.26

→ 8.10 + 0.72 + 0.22

1874

00

21

32

-16

07

THE WILSON CO

5.35

5.31

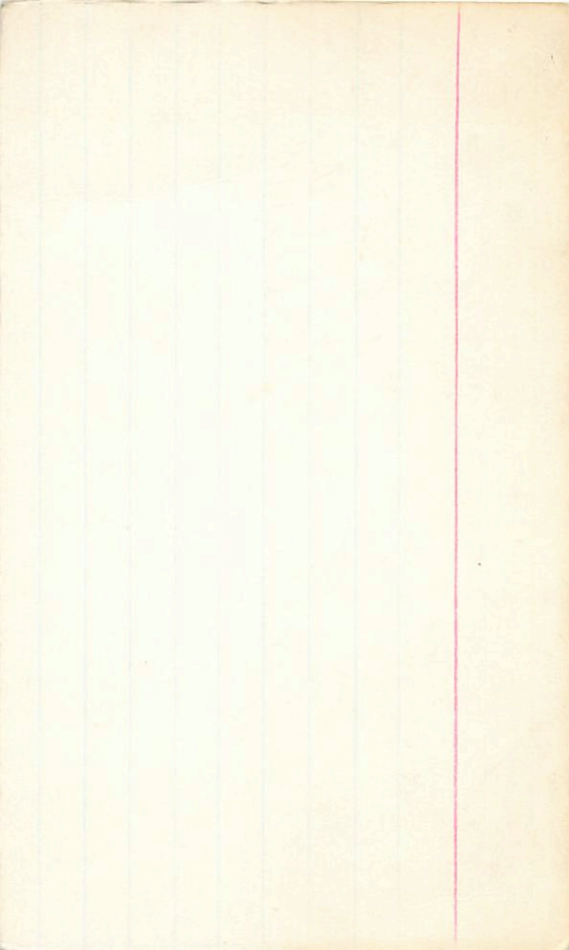
5.33

+0.80 267770

+0.80 277770

+0.80

5.33



1779

00

20

30

-26

36

80

6-1

8.48 +0.65 +11

8.92 +68(C+16) C

8.96 +0.64 +0.12 2 5/8

8.97 +0.635 +125 28027

~~8.96 +0.655 +0.12~~

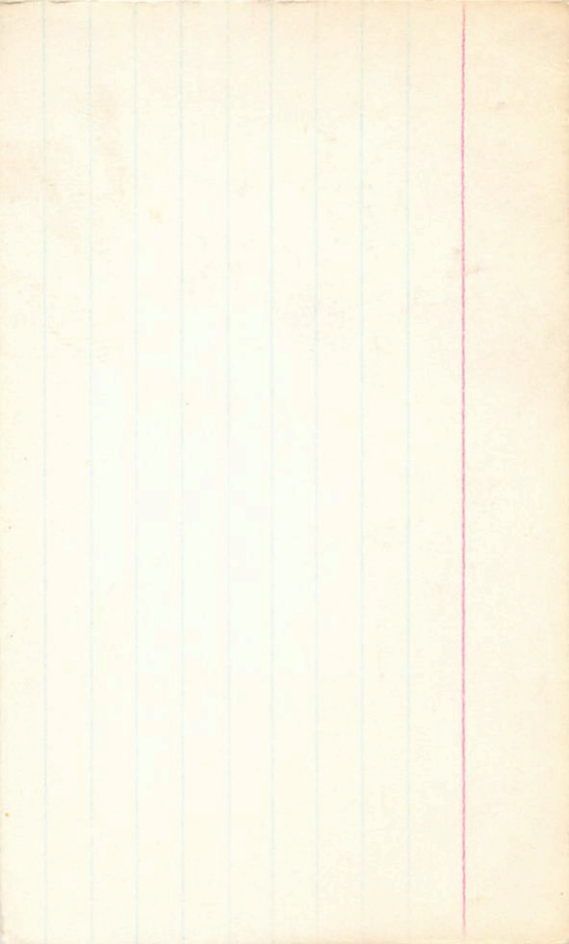
8.95

8.65 +0.265 34027

8.67 +0.25 40027

8.77 +0.26 23027

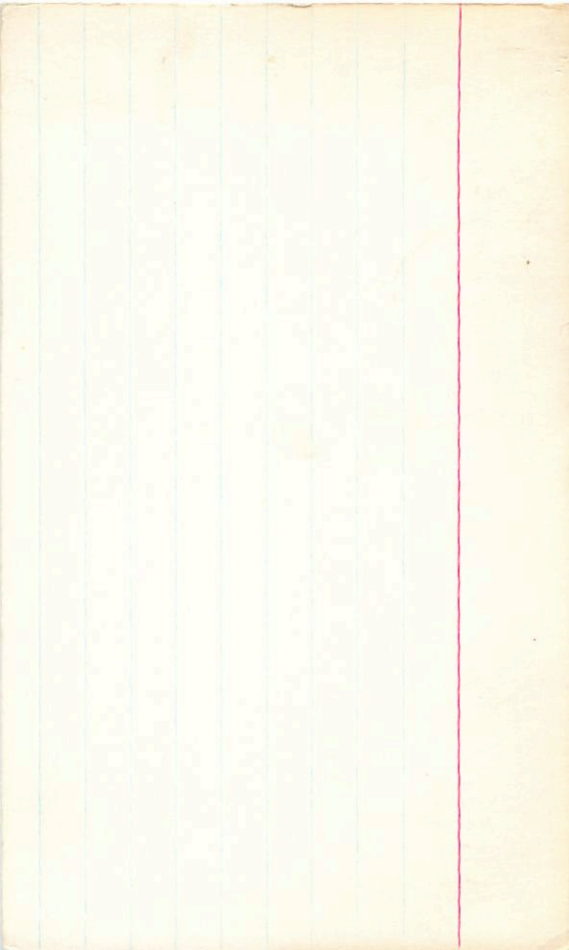
8.70 +0.26



RR Sol

00 26 -38 11 20-11.5

? 12.54 + 0.215²² Aug 69

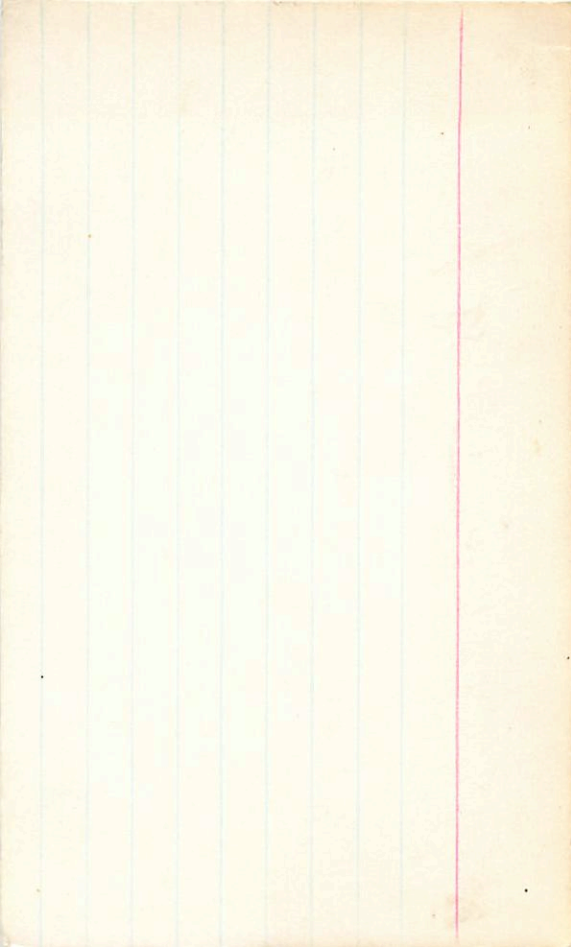


LFT 45 0 26 14 -6 385 0.94 ¹¹ 14.0 +3

L866-29

G-31-52

11.66 +1.22 +1.14 76at 70 10.85 10.565 76at
2- 10.88 +0.59 276at
10.86 10.58



(213V) (121)

2552

00 28 60

+28 41

7.8

113 III

7.32 +1.41 +1.625 28 Oct 75

6.57 +0.58 18 Oct 75
6.61 +0.54 28 Oct 75
6.59 +0.56

LFT 46

0 27 08 -6 49 148 +3

0.90 208

G31-53

12.23 +1.48 +1.05 76 at 70

10.81 +1.14 86 at 70

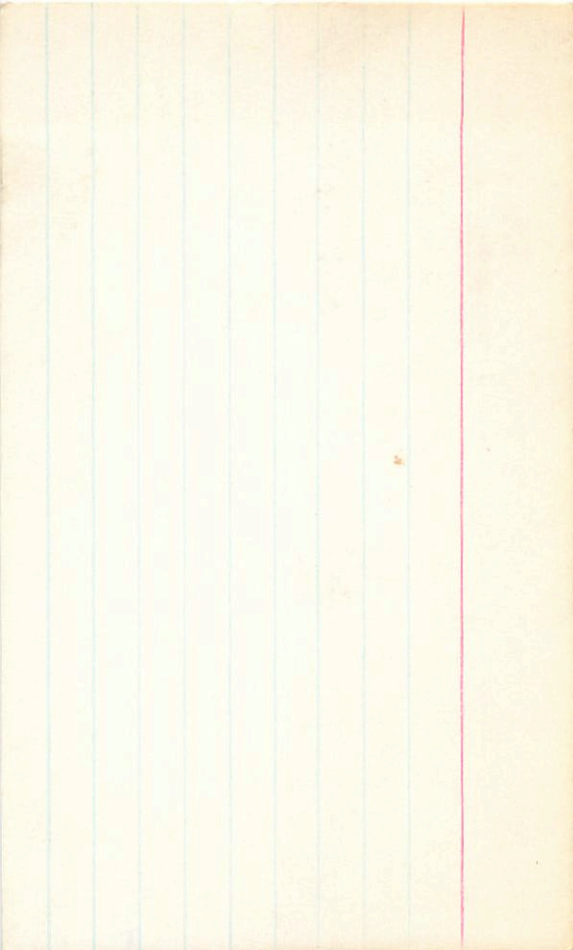
10.81 +1.16 27 at 70

10.81 +1.15

110107 00 26 47 +10 014 02 5.55 F2

604630

5.50 +0.14 14 Jan 22
6.09 +0.14 27 Jan 22
6.00 +0.17



47.5.96
4.91
4.91

47.5.96 +1.65 +1.93 30 Nov 71
4.91 +1.65 +1.815 22 Dec 71

TV Rec 00 26 30 +17 43 4.75-5.23

3 Nov 71 4.68 3.49 1.085 +1.125 28 Dec 71
31 4.78 3.54 1.105 +1.135 28 Dec 71
30 4.83 3.57 1.115 +1.15 28 Dec 71
21 4.81 3.55 1.125
22 4.81 3.58 1.125

807 5.15 +1.675 +1.73 7 Dec 70
808 5.02 +1.655 +1.75 26 Oct 70

812 5.18 +1.62 +1.73 12 Nov 70
911 5.00 +1.665 +1.745 24 Nov 70
953 5.17 +1.625 +1.73 1 Jan 71
987 5.28 +1.67 +1.805 5 Jan 71

5.21 +1.51 +1.78 14 Oct 71
496 +1.63 +1.75 21 Oct 71
486 +1.63 +1.75 24 Oct 71

4.84 3.57 +1.135 28 Dec 71
4.42 3.65 +1.15 28 Dec 71
5.11 3.78 +1.21 30 Dec 71
5.12 3.76 +1.195 30 Dec 71
9.51 3.72 +1.145 31 Dec 70
9.51 3.79 +1.19 3 Jan 71

9.51 3.51 +1.145 18 Oct 71
3.48 +1.115 22 Dec 71
3.75 +1.13 28 Dec 71
3.89 +1.10 28 Dec 71

8-17 +164 +180 21 July 72
8-24 +163 +177 25 July 72
8-24 +165 +181 25 July 72
8-28 +165 +178 3 Aug
8-17 +164 +173 17 Aug
8-01 +169 +180 15 Sept
8-02 +171 +188 15 Sept 79
8-06 +169 +188 15 Sept 83
8-12 +173 +188 15 Sept 88
8-11 +165 +183 15 Sept 86

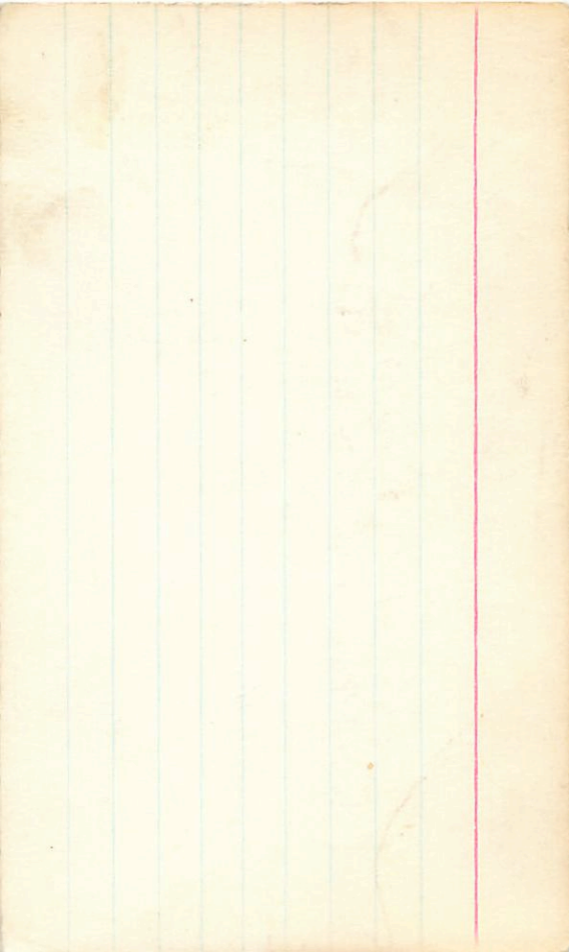
15268 3.74 +123
157105 3.52 +117
157209 3.57 +119

1.15

G158-95 00 29 52 - 6 03 14.5 + 3

11.45	+1.165	22 Aug 69
11.39	+1.16	18 Mar 81
11.42	+1.16	18 Aug 69
<u>11.42</u>	<u>+1.16</u>	

12.75 + 1.62 + 1.25¹³ Sat
69



C158-98/97
C-130-44

AO 30.1 -05 14

CPK A05450

14.56 413.00 +1.10 10 July 64 1000
14.62 12.92 +1.08 11 Dec "

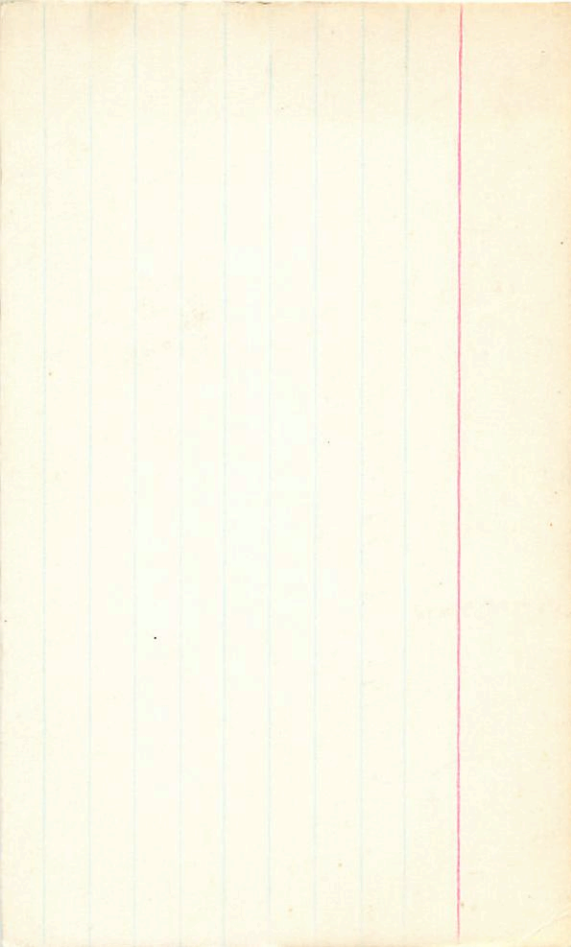
25450 8.54 8.14 +0.34

LFT 273

0 28 29 -75 54 11.95
- 2

0.40

10.52 + 0.895 + 0.66 14 cent 71



765-50 00 35 20 -19 00
09 57.5 ✓

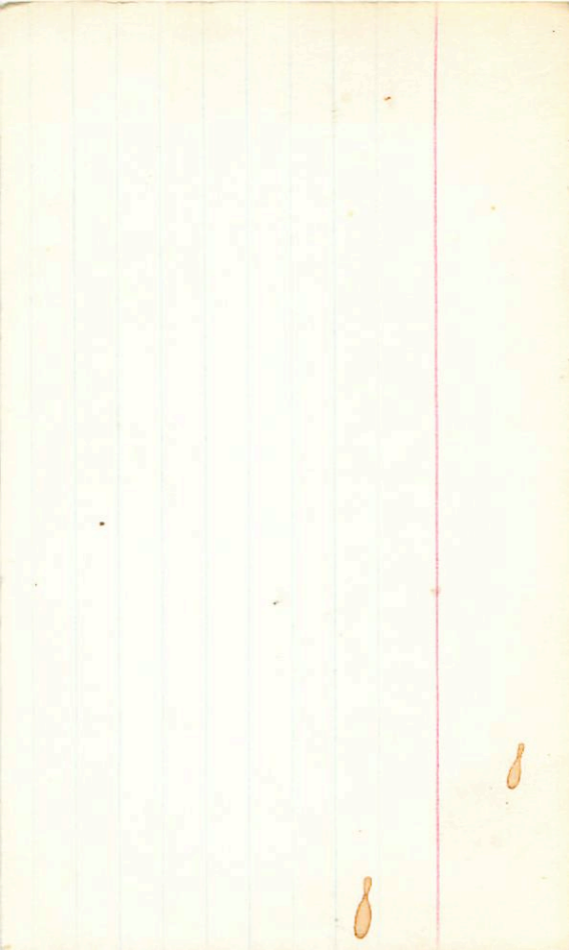
.184
14.1 14.39

1.00074

14.40 +0.72 -0.25
14.40 +0.65 -0.1741234
14.42 +0.85 -0.20

Refin

0



2806

07

30

02

+15

51

7.102

29 Dec 71 6.84

+1195

+1.31

31 Dec 71

6.54

+1225

+1.30

6.86

+121

+1.305

(6.27 +0.45 24 Dec 71)

(6.23 +0.48 3 Dec 71)

6.33 +0.50 4 Dec 71

~~5.94~~ +0.83 22 Dec 71

6.28 +0.48

35.5

-0 47

3512

00 36 30

-00 40 6.918

+7

-6

± 1.5

5.80

-0034 -0035 66+ -55.86

544

-60333

-6044

6.02 +0.485 Bony

6.05

6.04 +0.485 24/2010

"

-0444

-048-008

30.5

6.68

B

12.21 +0.54 -0.05 25/674

6.63 +1.205 +1.285 24/2010

3512.000*

0.000*

36.000*

0.000*

-47.000*

-0.048*

-0.008*

6.350*

186.209

-55.800

-0.212

0.196

-50.450

0.090

0.406

-5.842

-0.006

-0.893

48.776

173

3795- 00 39 00 -23 5F 6.2 63

6.14 + 0.73 + 0.21 4RS

~~5.54~~ 70.29

5.84 70.265 30 per 71

NRS 6.15 ~~5.86~~ + 0.305 18 per 71

~~5.85~~ 70.285

5.85 70.29 (3)

6.9-10 00 37 16 +30 27 12.9

1106 +1.54 +1.32 11 Oct 23

+1.15
11.20

9.86 +0.555 14 Oct
9.84 +0.545 13 Oct
9.85 +0.595

124

9.85

14.26

8.2

9.5

7.2

H03567 00 36 50 - 8 28 9.27 +0.45

9.11 +0.195 20 Nov 75

9.27 +0.45 - 0.14 R

9.12 +0.205 26 Nov 75

9.27 +0.45 - 0.16 S.M.L.

~~9.10 +0.26 19 Nov 1948~~

~~9.23 +0.17 - 0.16 BS~~

9.15 +0.22 18 "

9.26 +0.455 - 0.155

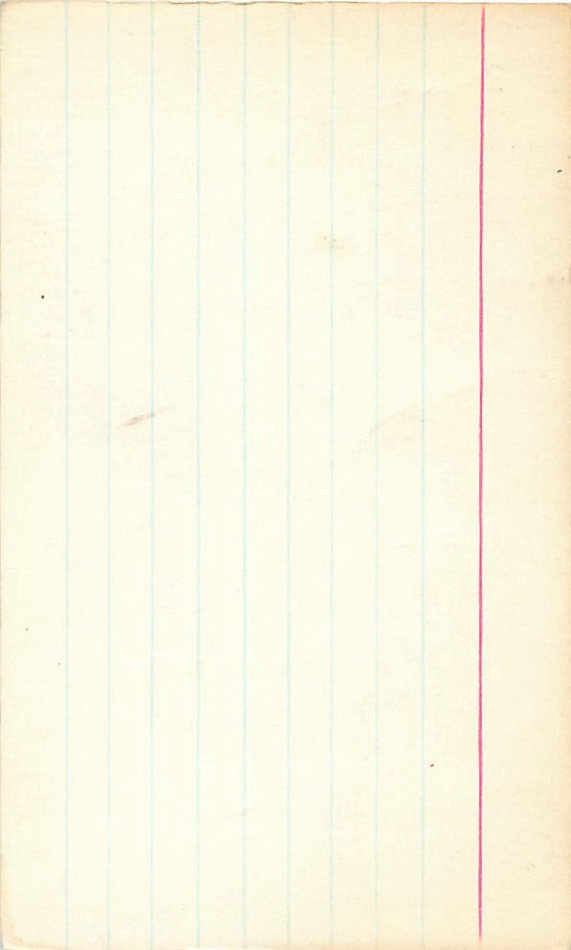
+0.235 18 Dec "

+0.204

9.17

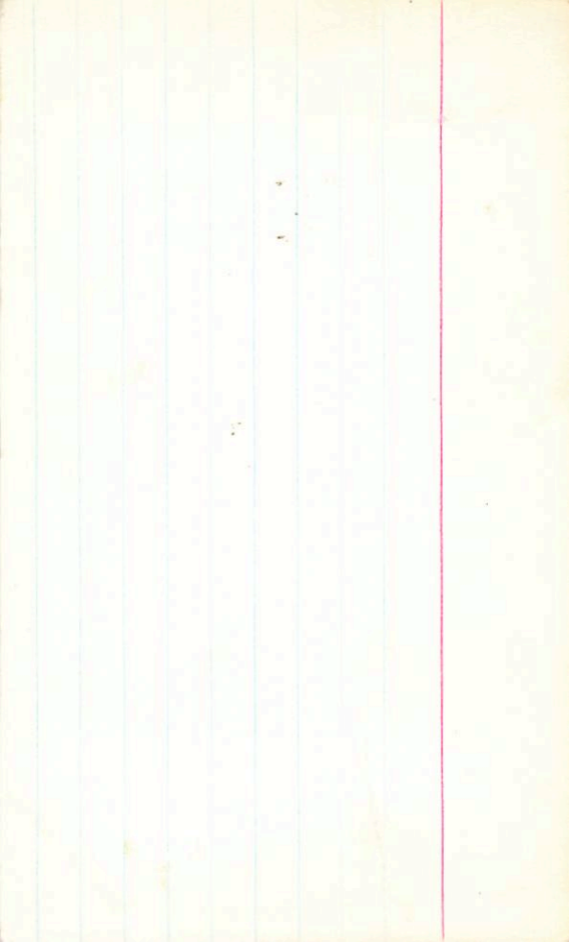
+0.215 (4)

9.12



65-16 00 42 16 +28 19 107 15.9 +3

1328 +122 2420074



HR183 67 40 24 -56 39/56 AF

HL(9.4)

5.74 10.23 10.055 228774
5.74 10.215 10.08 328777
5.74 10.22 10.07

10.52 11.085 10.83 241774
10.38 10.915 (10.70) 328777
10.44 10.90 10.69 318888
10.44 10.905 10.69

? - 9.97 10.305 288775
→ 10.10 10.30 10.44 74
(9.99 (10.355) 218877)
10.01 10.305 (2)

Nov 20 11

4084 60 41 00 -55 57 6.91N5

8.66 +1.55 +1.00 216172
8.60 +1.85 58114 216172
8.13 71170 70.99

8.22 +0.423 226172
8.18 +0.48 246172
8.15 +0.415 306172
8.18 +0.42

Wyeaks

9/11/2

W405 00 43 00 -19 06.5 10.77+134

$$\begin{array}{r} 9.91 \\ 9.87 \\ \hline 9.89 \end{array} \quad \begin{array}{r} +0.675 \\ +0.655 \\ \hline +0.665 \end{array} \quad \begin{array}{r} 18.5869 \\ 20. \end{array}$$



G-70-8A 0 42.6 - 00 0.6 1950

A	6.98	6.81	+0.18	10 Dec 63	100"
	7.08	6.78	+0.18	11 "	"
	7.00	+0.54	+0.01	(2)	

B	12.98	12.98	+1.275	26 July 69	
	13.36	13.10	+1.21	10 Dec 63	100"
	14.68	+1.66	+1.24	11 "	"
	14.56	+1.07	(2)		

427

670-8 00 42.6 - 00 00

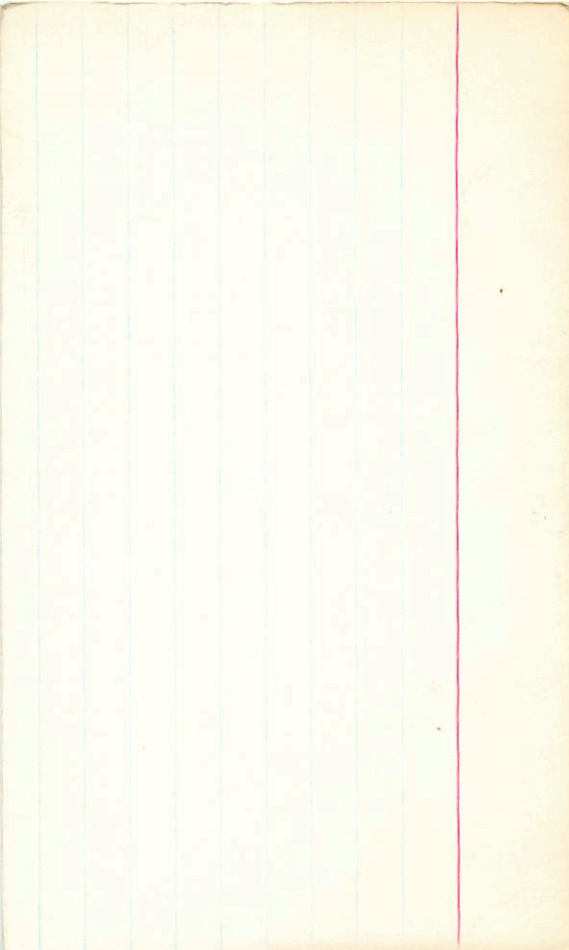
$$A \quad 7.00 + 54 + 01$$

$$B \quad 14.56 + 1.66 + 1.17$$

$$\begin{array}{r} 12.88 \\ 13.10 \\ \hline 12.99 \end{array}$$

$$\begin{array}{r} +1.275 \\ +1.24 \\ \hline +1.25 \end{array}$$

26 July 69
N. O. P.



1404378

80

44

10

-42

05

89168

84168

$$\begin{array}{r}
 7.79 \\
 7.69 \\
 \hline
 7.74
 \end{array}$$

$$\begin{array}{r}
 +0.50 \\
 +0.49 \\
 \hline
 +0.50
 \end{array}$$

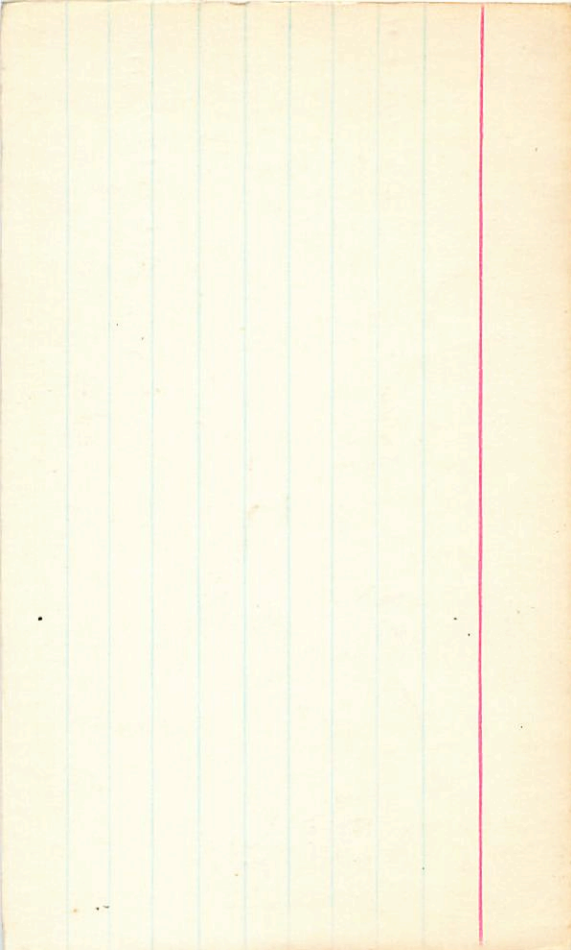
18 Dec 68 23 Nov 8.48 + 1.17 + 1.14
 19 Nov 1968

$$\begin{array}{r}
 8.25 \\
 8.02 \\
 \hline
 8.29
 \end{array}$$

$$\begin{array}{r}
 +0.56 \\
 +0.575 \\
 \hline
 +0.565
 \end{array}$$

19 Nov 1968
 19 Dec 68

23 Nov 9.06 + 1.27 + 1.18



4096 00 41 54 -1 03 10.86 + 1.03 + 86
35" 9.25 + 67 + 17

9.25 + 0.67 + 0.17 Σ
9.71 + 0.675 + 0.16 3020071

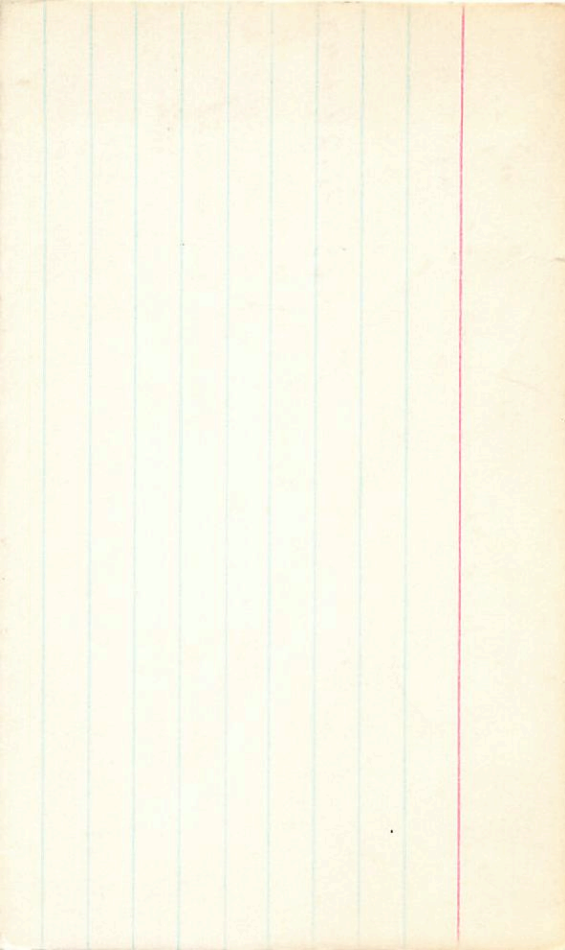
A 9.08 + 0.26 100071
8.97 + 0.26 300071
9.07 + 0.24 400071
9.04 + 0.25

¹⁰
10.86

10.86 + 1.03 + 0.86 Σ

B

10.39 + 0.37 300071
10.50 + 0.36 400071
10.42 + 0.365



457 413

Keyholes

V 88 0 42.0 -19 13 0.6 d Mr

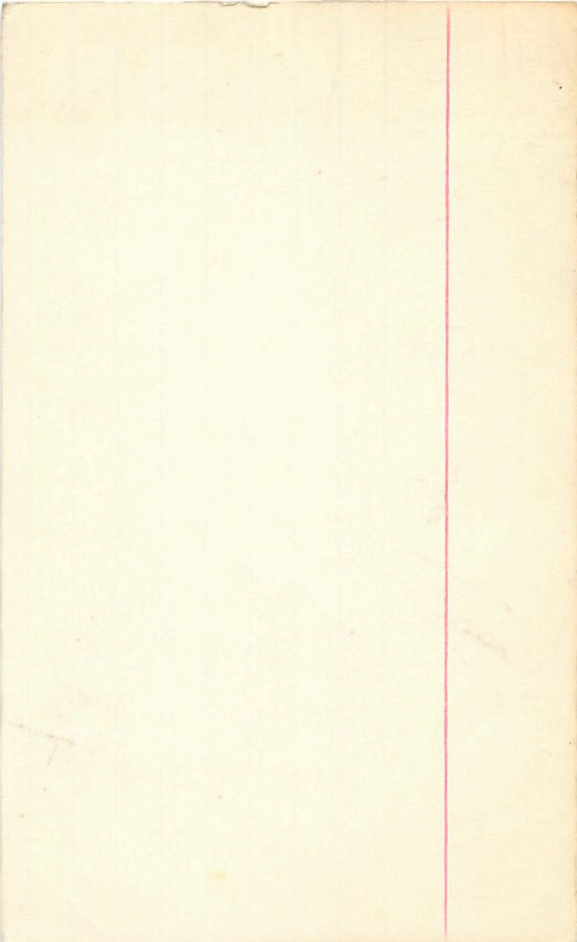
Revised

10.777 +1.39 +1.21 9 Dec 66 40"

10.76 +1.35 +1.22 10 " "

10.75 +1.45 +1.15 10/26

72^d
64

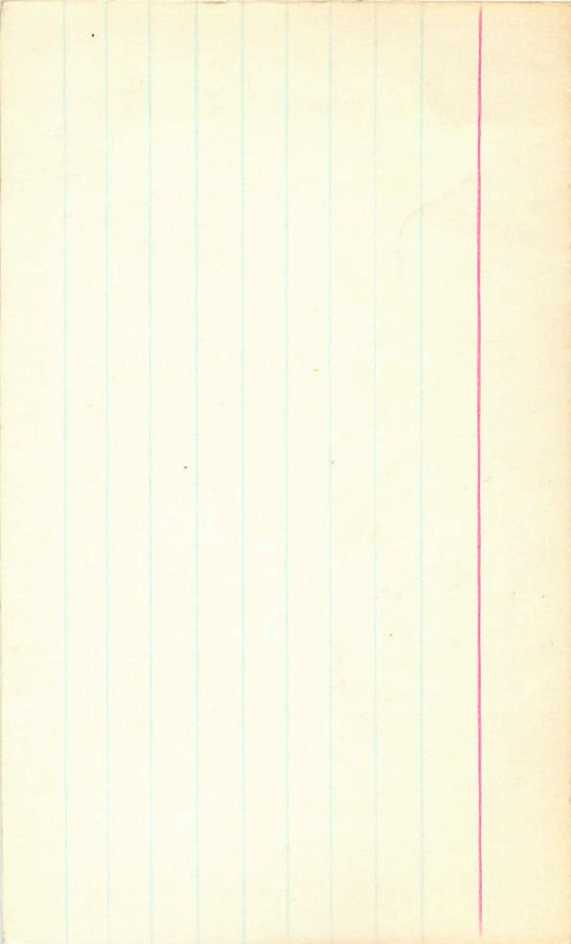


LFT 78 00 48 02 -61 12 13.6m 1.11

00 47.3 -61 18

11.03 +1.00 15 nov 68
11.05 +0.98 18 Sept 69
11.04 +0.99

4 Dec 69 12.18 +1.45 +1.05



1404740

00 47 50 -23 23

7.15 + 28

6.94

+0.28 26 nov 75

6.92

+0.30 18 Dec 68

6.95

+0.285 18 nov 68

6.93

+0.28 19 Dec

6.94

~~6.94~~
+0.285

7.15 + 79 + 32 6yr

7.20 + 74 + 33 25 nov 62

7.18 + 77 + 25 26 " 4

7.13 + 77 + 29 26 Dec 64

7.16 + 77 + 30

177398

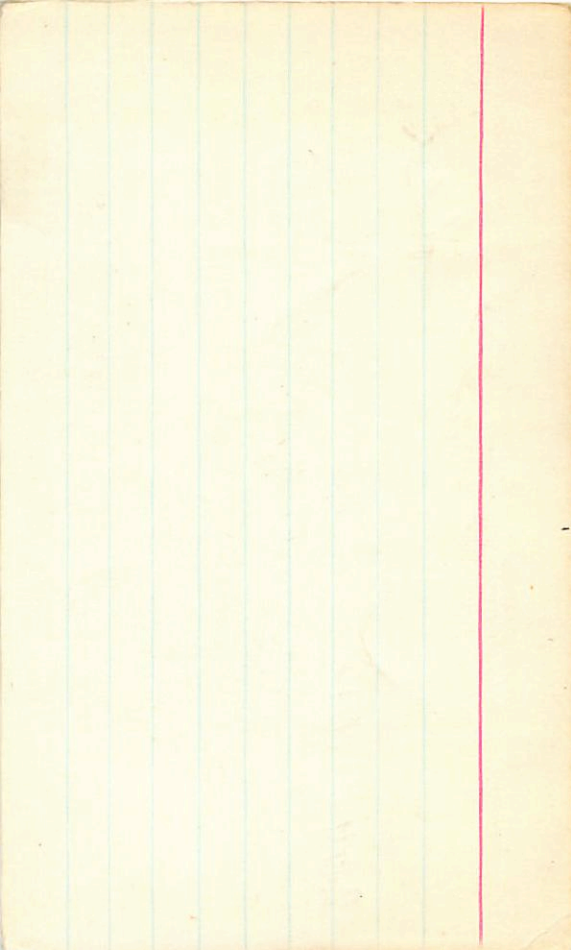
VM2 0 47 21 + 5 14.5 12.36 + 0.56 ¹²⁻¹

$$\begin{array}{r} 12.36 \\ 12.17 \\ \hline 12.27 \\ 13 \end{array} \quad \begin{array}{r} + 0.12 \\ + 0.18 \\ \hline + 0.155 \end{array}$$

18 Nov 1968
14 "

12.17
1.96
13.96

11/11



dbl?

17⁰ 17.2^m = 826.170

15181

02

50

06

-20

04 9.4

RS

0.70 11.8

-230332

9.04 +1.27 +1.12 > Oct 70

8.22 - +0.558 Oct 70

8.21 +0.5527 Oct 70

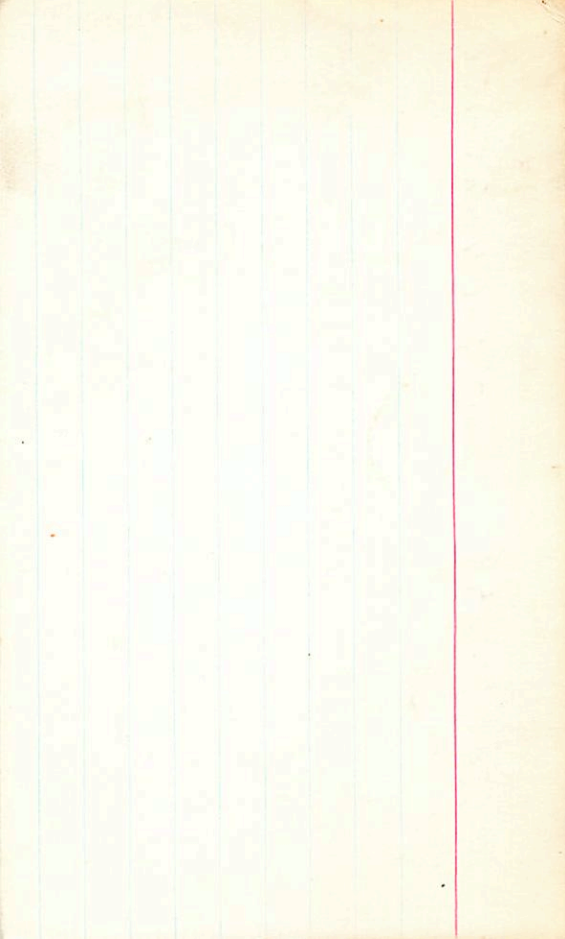
8.22 +0.55

13 (10)

↪ +14.3 Water

11.55 +1.32 +0.70 27 Dec 69 43
11.13 +1.32 +0.65 4 Jan 70
X Sep 00 48 67 -35 04 9.5-15.0

10.25 +1.30 +0.71 31 Jan 70 9.78 +1.97 5 Dec
11.84 +1.54 +0.53 17 Aug 69 451 9.65 +2.00 7"
12.66 +1.49 +0.44 12 Sept 69 477 9.43 +1.88 19 Dec
13.31 (+1.38) - 29 " 9.15 +1.84 25 Dec
13.10 +1.52 +0.66 21 Oct 69 457 9.01 +1.86 18 Aug 69
13.84 +1.47 +0.64 3 Nov 69 529 9.03 +1.84 22 "
13.80 +1.41 +0.62 6 Nov " 532 9.58 +1.97 18 Sep 69
13.68 +1.45 +0.68 17 Nov 543 9.58 +1.96 20
13.07 +1.50 +0.56 3 Dec 559 10.18 +1.94 3 Oct
12.27 +1.39 +0.63 16 Dec 572 10.22 2.04 8 Nov
10.09 +2.02 19 Nov
10.00 +2.01 20



269-53

10

36.5

LTT 505

50 52 06

-29 38

3

12.74 + 134 + 110

12.10

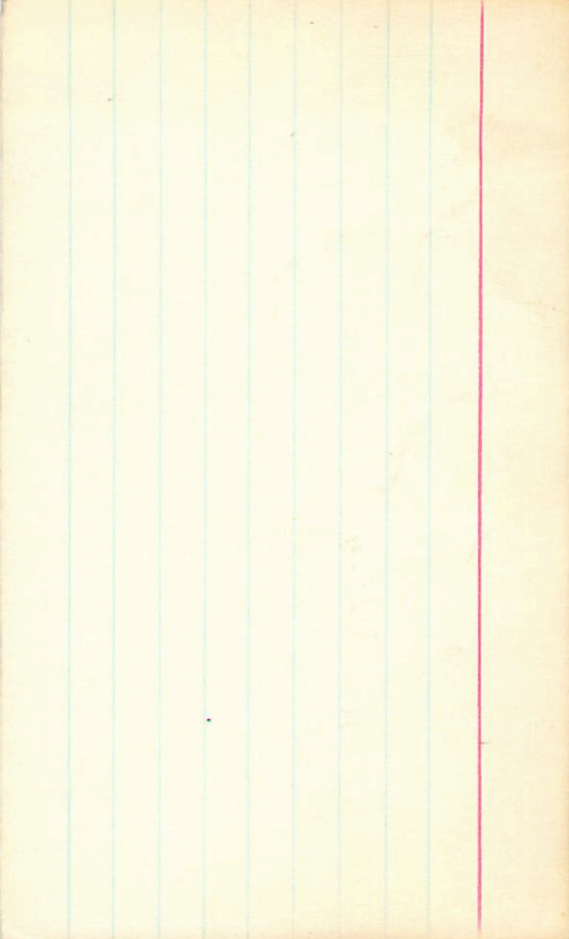
+0.645

19 Dec 1965

11.93

+0.63

14 Oct 73



HD 5633

BU 55

46

-62

25

9.47 + 1.32 =

288

285

8.73

+0.545

18 Sept 69

8.65

(+0.59)

19 Nov 1968

8.81

+0.54

18 Nov 1968

8.69

+0.54

18 Dec 68

8.72

+0.545

69

9.57 + 1.27

Nov 1.24 23

38

40

42

9.47

1315

9.53 + 1.27

Nov 1.26 4 Dec

40

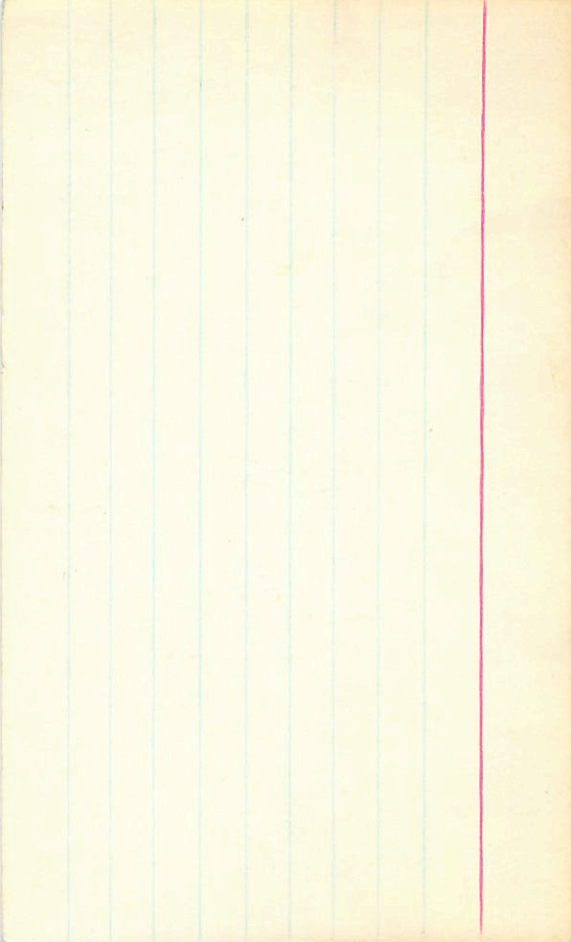
42

44

0696

9.55 + 1.27

+ 1.25



Run No II

5454 00 54 64 -25 00 90 NO

$$\begin{array}{r} 9.52 + 1.125 \\ \hline 9.44 + 1.155 \\ \hline 9.48 + 1.14 \end{array} \quad \begin{array}{r} + 0.79 \text{ 21 Oct } 72 \\ + 0.80 \text{ 29 Oct } 72 \\ \hline + 0.795 \end{array}$$

3 175

$$\begin{array}{r} 9.10 + 0.41 \text{ 22 Oct } 72 \\ 9.08 + 0.36 \text{ 24 Oct } 72 \\ 9.09 + 0.38 \text{ 30 Oct } 72 \\ \hline 9.09 + 0.385 \end{array}$$

5499 00 53 40 -74 28 6.7 140

$6.69 + 0.99 (2.05) \text{ ROT } C$

6.26 + 0.34 5 Jan 23
6.68 $\frac{6.27}{\quad}$ + 0.34 (2)
6.26 $\frac{\quad}{\quad}$ + 0.34 (3)

7.13 +1.60 +1.79 26 Oct 70

259 h/ser
53

5735 00 57 18 - 19 48 7.05 m2

7.12 +1.635 +1.805 70 Oct 70

7.10 +1.61 - 23 Oct 69

~~7.12 +1.54 +1.825 28 Oct 71~~

6.98 +1.60 +1.86 30 Nov 71

~~6.98 +1.60 +1.86 71~~

7.12 +1.54 +1.825 28 Dec 71

1969 (4)

~~7.13 +1.61 +1.95~~

7.16 +1.555 +1.78 31 Dec 71

~~7.12 +1.54~~

7.14 +1.58 +1.79 3 Jan 72

1969 5.92 +0.865 (4)

7.13 +1.59 +1.80 (7)

1971 6.03 +0.89 (3)

5.98 +0.88

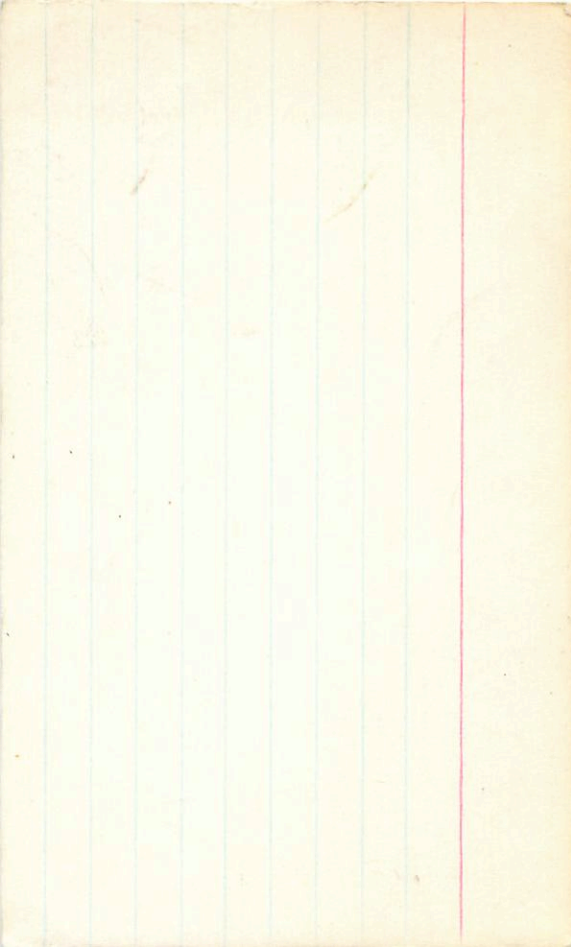
5.60
1.05
4.55
3.75
8.40

6.02 +0.87 27 Oct 70
5.99 +0.92 1 Dec 71

6.08 +0.87 3 Jan 71

6.02 +0.885 29 Dec 71

6.03 +0.885



HD 5780

EC 1185

60

57

49

400

37

7.6 gm

July

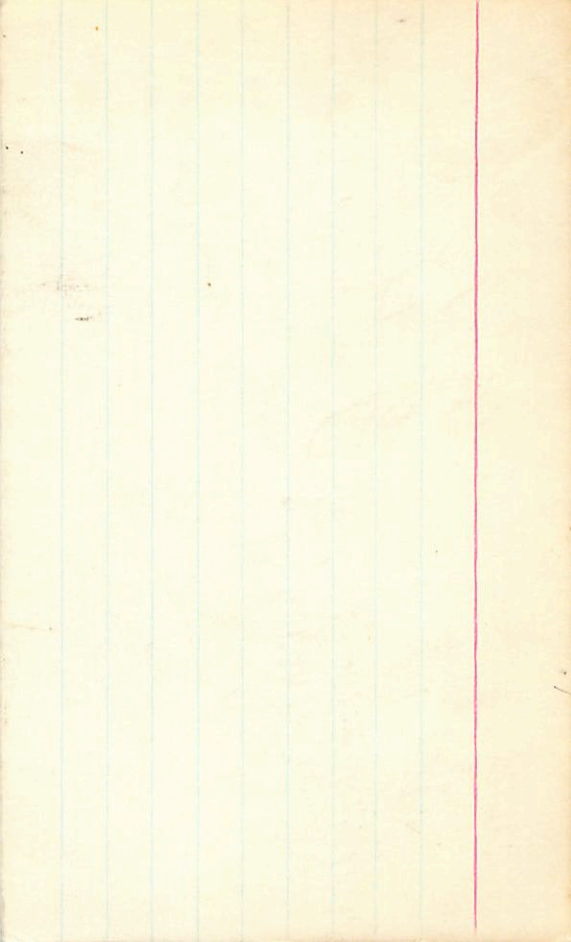
7.67 + 1.46 + 1.65 2 July 69
 7.65 + 1.45 + 1.64 17 July 69
7.66 + 1.455 + 1.645

7.66 + 1.435 + 1.64 21 July 72
 7.68 + 1.40 + 1.70 25 July 72
 7.67 + 1.455 + 1.71 3 Aug 72
 7.66 + 1.40 + 1.72 17 Aug 72
7.67 + 1.42 + 1.69

6.73 + 0.60 24 Jun
 6.96 + 0.62 1 July 69
~~6.75~~ + 0.63 2 July
6.74 + 0.62

6.36

7.66 + 1.455 + 1.65 (2) 1969
 7.67 + 1.425 + 1.69 (4) 1972
7.66 + 1.44 + 1.67



269-63

826-262x567 940 1.258 1030

LFT88

0 56 41 -28 02

1176 + 157 + 114

46870

↑ = 071

1176 + 157 + 114 (2)

1179 + 1525 + 111 166
106

10.58 + 1.21

19 Nov 1968

11.68 + 1.58 - 13.66

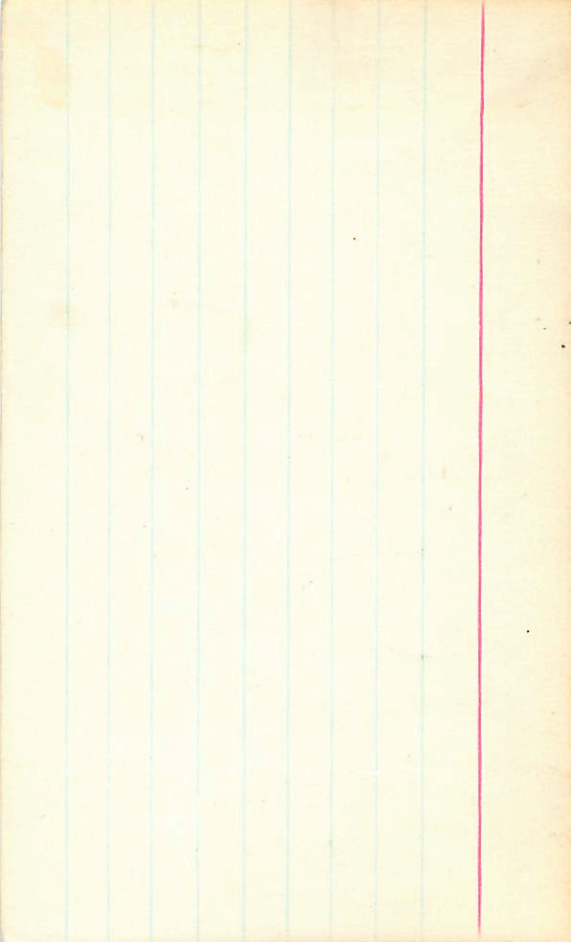
10.36 + 1.17

17 Dec 68

10.47 + 1.19

10.09

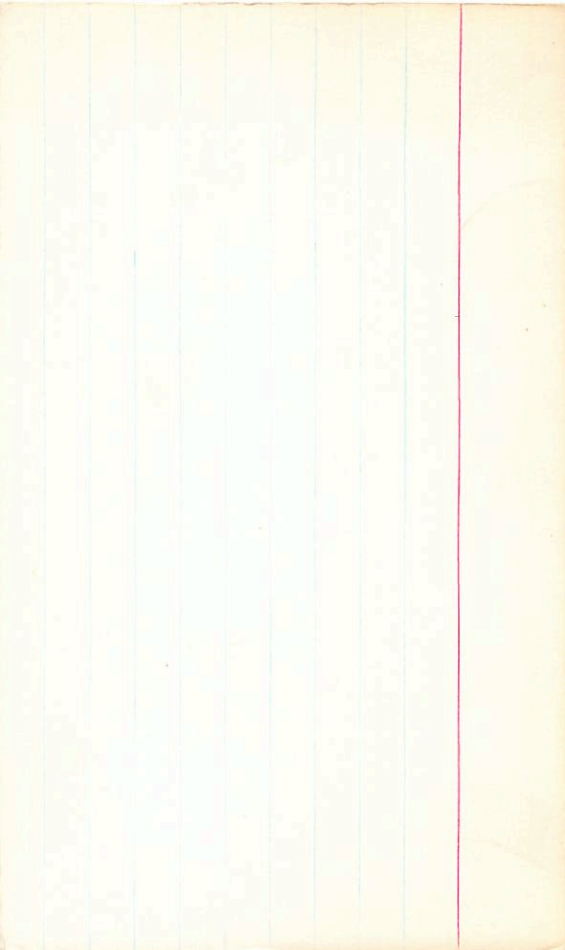
5.51
5.5
9.68



Cephid 6.6.1

BV670 00 58 58 -26 21 10.5-10.9

13.58 +0.46 +0.05 4 20049 0.25



L-FT 91

0 5-8.3

-4 44

146 m 1.36

G-70-28

11.81 +1.20 N Sep 26⁹

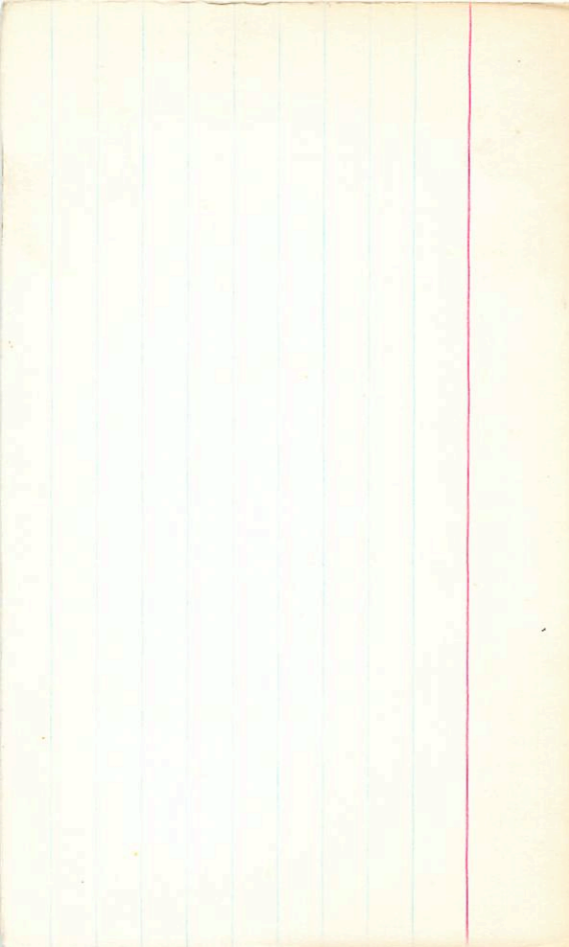
11.83 +1.20 20¹¹

11.82 +1.20

13.33

+1.73 +1.27

320069



New But I

5825 00 57 46 -34 44 7.7120

7.66 +0.97 216272
7.65 +0.97 256272
7.66 +0.97 2048

155
7.36 +0.365 226272
7.35 +0.335 246272
7.34 +0.355 206272
7.35 +0.35

HD6268 01 07 50 -28 04 8.09 +0.84

Peculiar

8.06 +18 +25 ①
8.10 +85 +24 200+69

8.08 +84 +27

14.41

19 Nov 1948

+0.405

18 Nov

+0.38

18 Dec

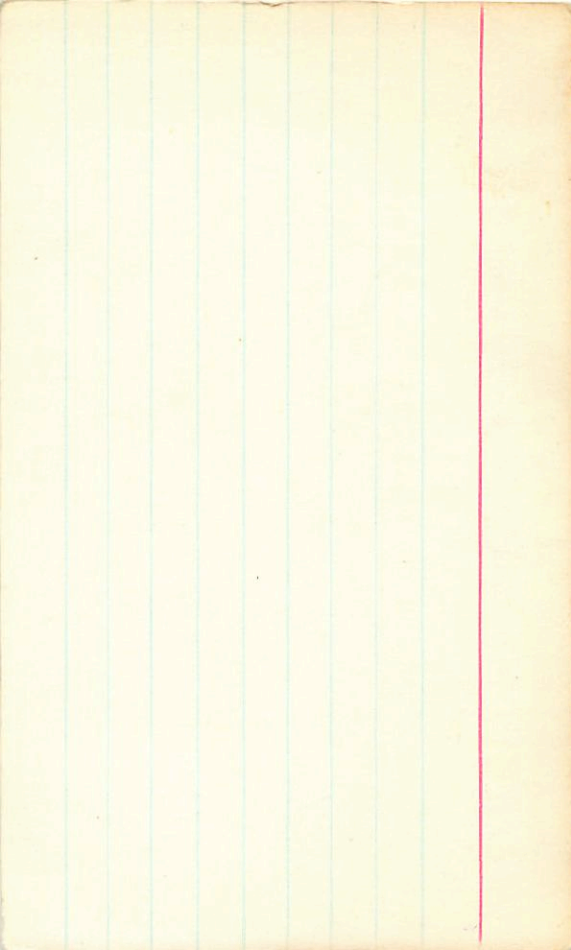
+0.40

7.66

7.73

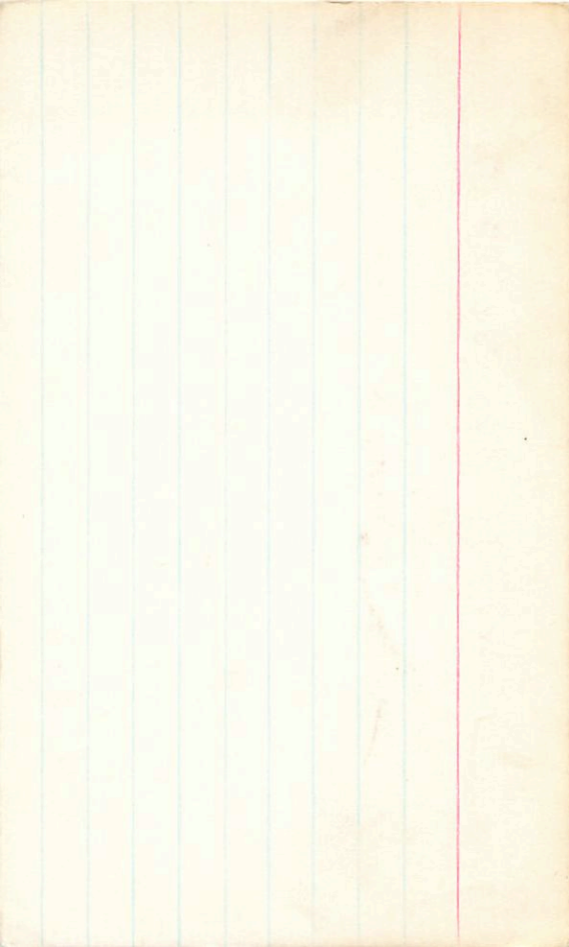
7.80

7.73



6229 1 01 56 +23 36 8.8 60

8.59 +0.715 +0.16 3077071



0.85 570

LFT97 ~~1005~~ / 00.2 -6755 15.1mm

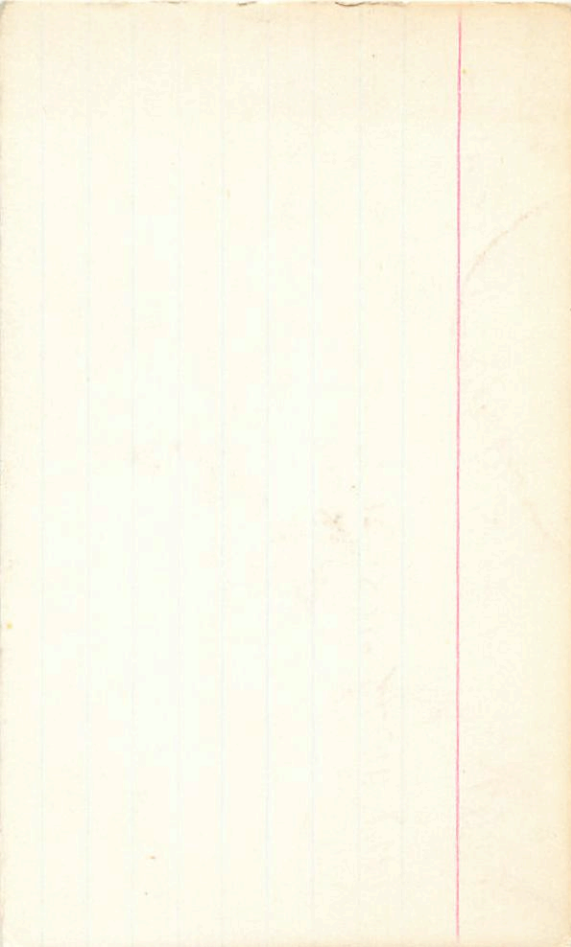
14.61 +1.33 +1.05 120070

14.60 +1.375 +1.05 26 Oct 70

14.76 +1.37 +0.92 30 Oct 70

14.66 +1.36 ~~+0.98~~
+1.01

1378 +0.595 30 Oct 70



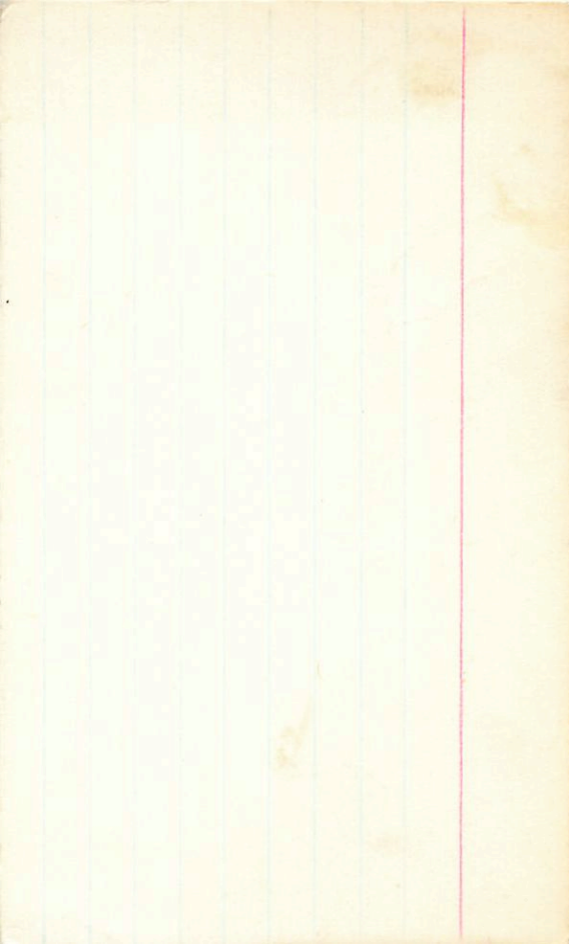
HD6413 01 03 23 -48

6.83 M2 FI

6.86 +1.60 +1.90 26 Oct 70
6.79 +1.63 +1.99 19 Sept 73
6.79 +1.62 +1.93 21 Sept 73
6.78 +1.58 +1.95 18 Oct 73
6.80 +1.61 +1.94

5.87 +6.83 19 Oct 70
(5.76 +0.80 8 Oct 70)
5.92 +1.82 3 Sept 73
5.84 +0.82
5.52 +0.825

53 8
10 5
43 3
36
99 5



L-77598

1 02 15 -45 58 11.63-1109-4.92

11.02

+0.455

27"

11.10

+0.485

18 Dec 68

11.06

+0.477

###

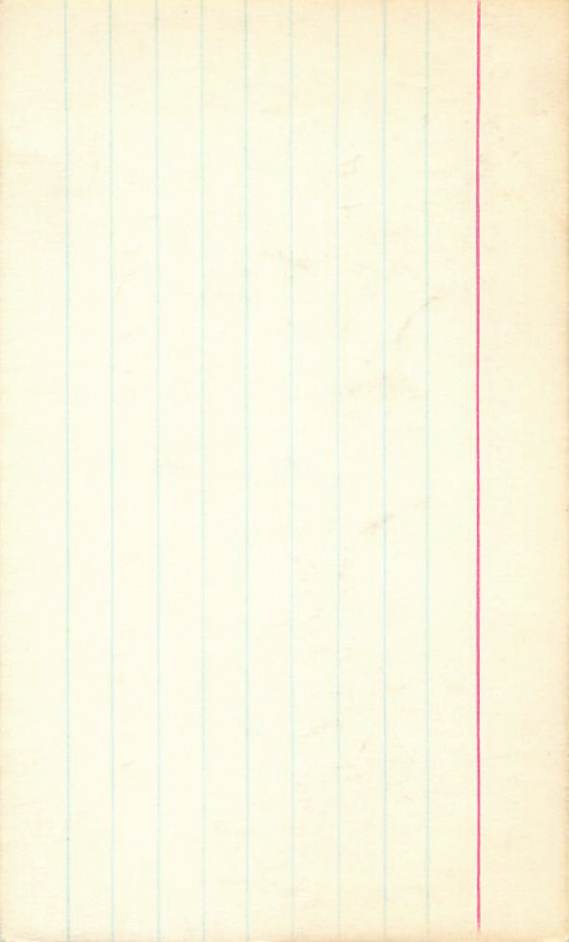
11.63 11.63

11.63

+1.11

10.86

25 Dec 68



HD6378 01 02 50-5547 974 +1.19

9.19 +0.450 19 nov 69

9.09 +0.455 ~~30 Oct 69~~

9.04 +0.50 14 nov 1968

9.15 +0.475 18 nov 68

9.14 +0.477

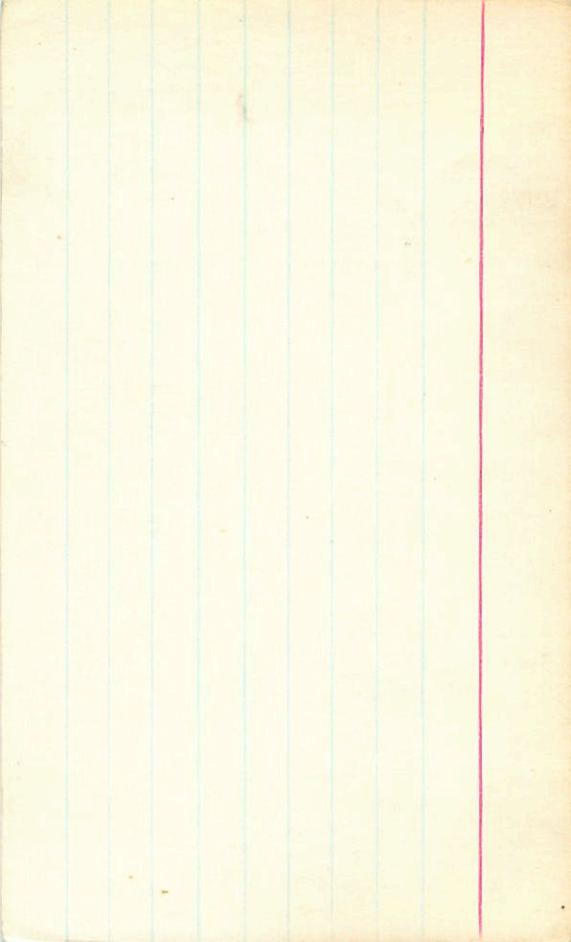
9.77 +1.21 +1.25 ^{one}

9.81 +1.18 +1.15 ^{2 Oct}

9.90 +1.14 +1.14 ^{23 Nov}

9.96 +1.16 +1.14

(9.90 +0.455 - 0.60 + 1.14)



6655

01 04 21 -72 43

GSTU-4

8.04 + 0.55 (+04) C

8.04 + 56 00 unsh

8.06 + 0.55 + 0.2

→ 8.05 + 0.55 + 0.02

7.91 + 0.19 10071

7.85 + 0.20 30071

7.98 + 0.20 40071

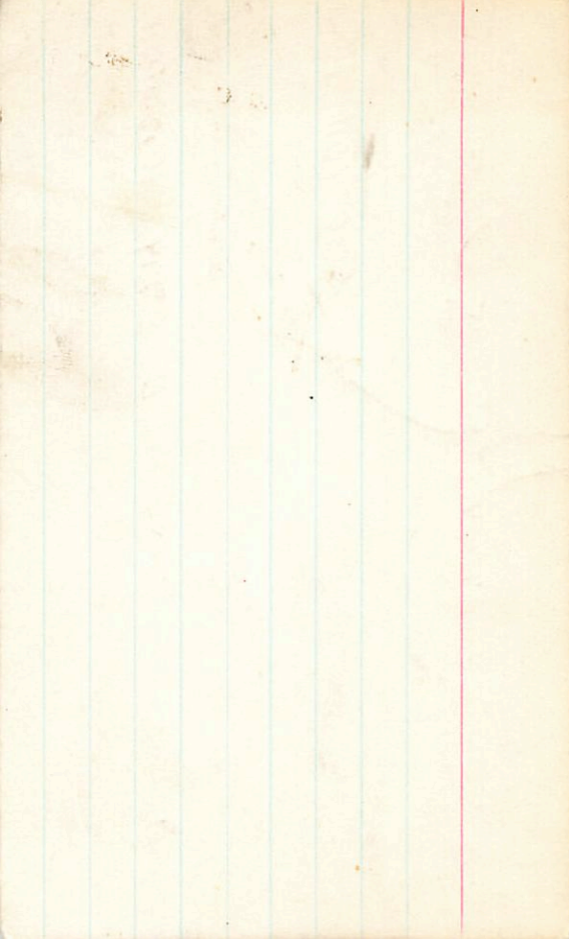
7.92 + 0.20

~~19~~ 6479/80

1 04 04 +04 25 6.32 +385 -025
7.20 +485 -04

A 6.30 +0.13 1st 71
6.34 +0.14 3rd 71
6.29 +0.13 4th 71
6.30 +0.13

B 7.14 +0.17 1st 71
7.17 +0.17 3rd 71
7.14 +0.17 4th 71
7.16 +0.17



0.71

LTT660 1 09 00 -67 38 11.3 68

$\pi = 1.05$

7 Dec 69
20 Nov 69

RAM

1244

8.62 +1.07

8.62 +1.06

8.55 +1.07₃

~~8.52~~ +1.14

8.53 +1.10

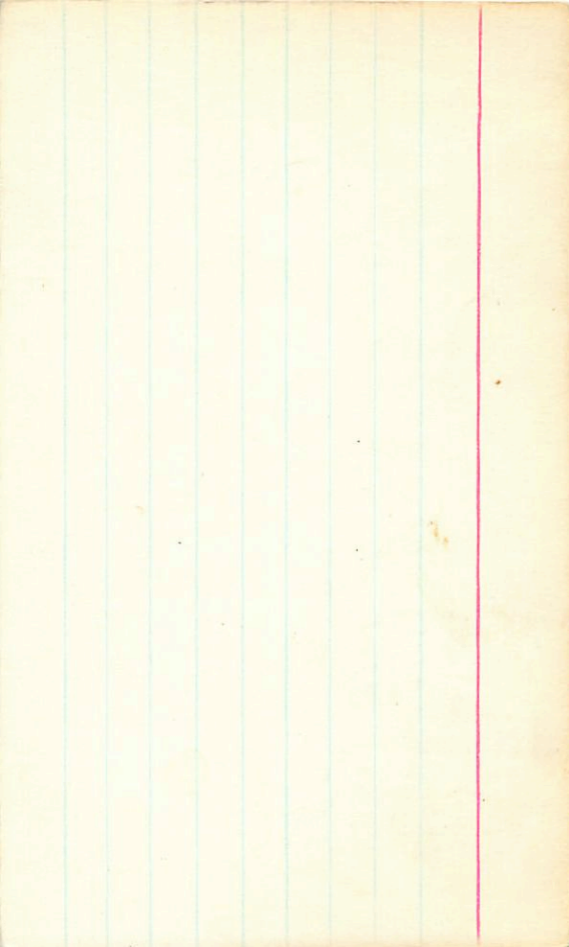
8.53 +1.10

8.55 +1.09

25 Dec 68

+1.52 +1.13

~~8.79~~ 6.80 +1.56 +1.22



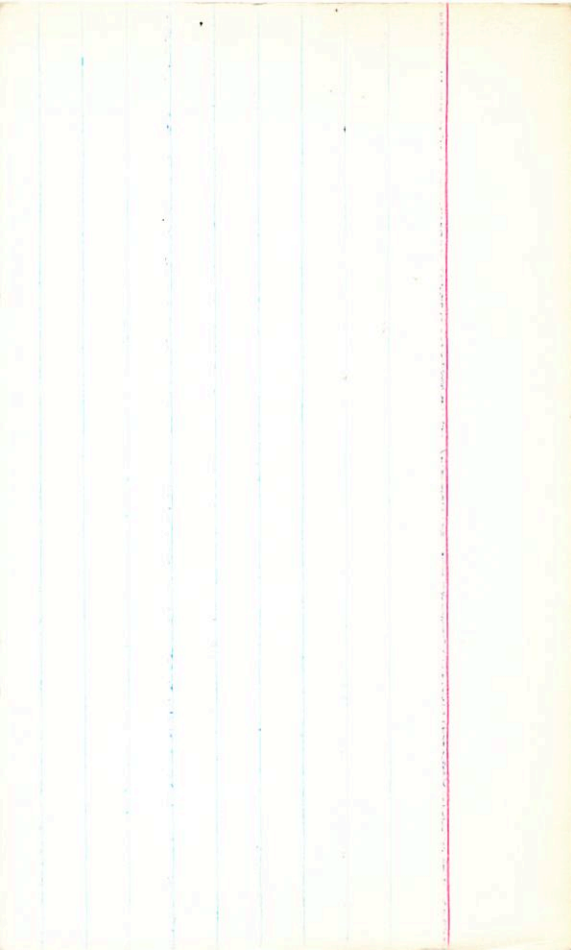
132-57

1 06 19

+34 09

148

15.343

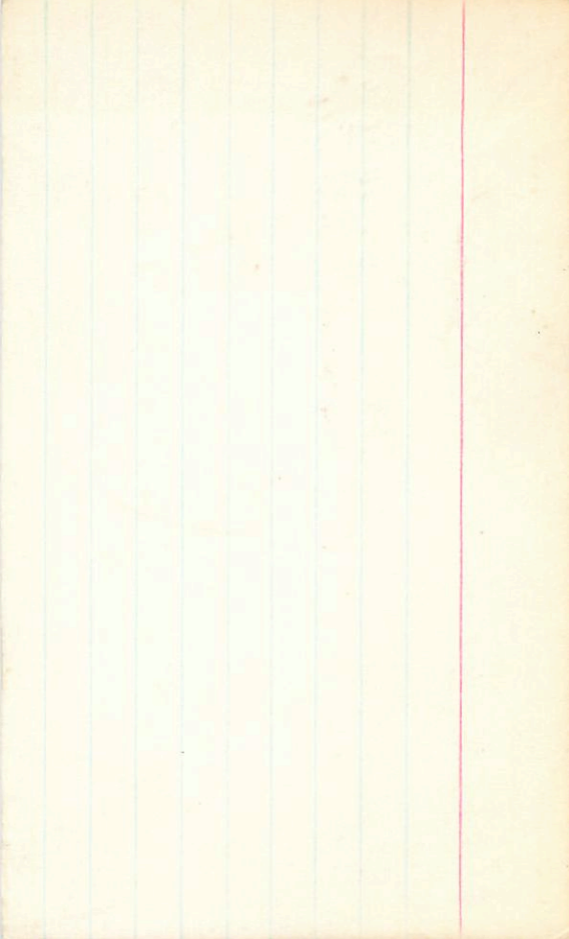


6623

01 04 10 - 71 54 24 143 R3

$$\begin{array}{r} 7.35 + 1.10 - R \\ 7.36 + 1.10 + 0.56 \quad 30 \text{ min} \\ \hline 7.36 + 1.10 + 0.56 \quad 71 \end{array}$$

$$\begin{array}{r} 4.41 + 0.395 \quad 1 \text{ sec } 71 \\ 4.83 + 0.39 \quad 3 \text{ sec } 71 \\ 6.97 + 0.39 \quad 4 \text{ sec } 71 \\ \hline 6.90 + 0.39 \end{array}$$

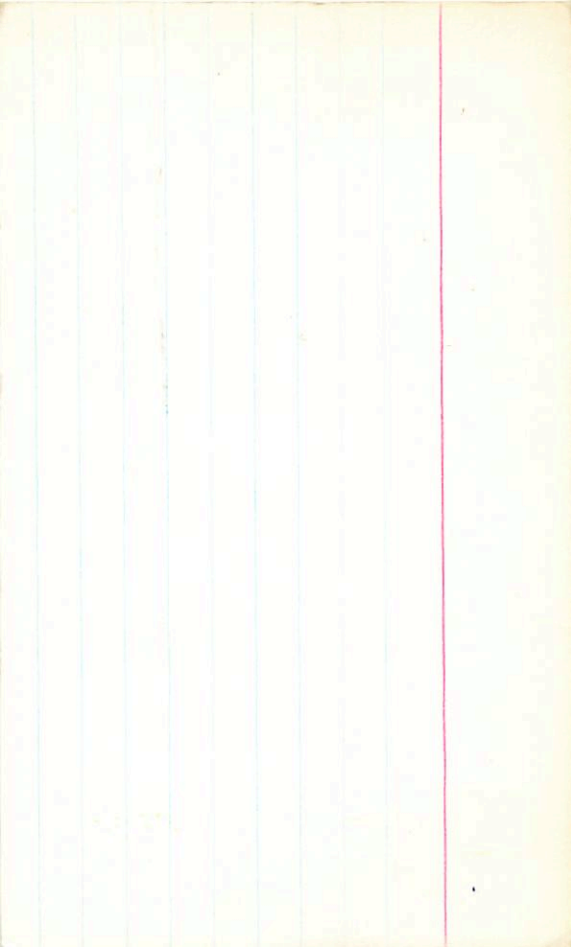


69-47 01 04 09 +28 21.5 131 16.5
Ht

13.01 +1.37

13.01 +1.37 24 Nov 74





363

+0.55

-0.015

3.33

29 Jan 66 20'

1 11.3 + 28 12

54
3.87
1.14

5.01 7.60

472
1.257
3.4
-2.96
3.25
9.92

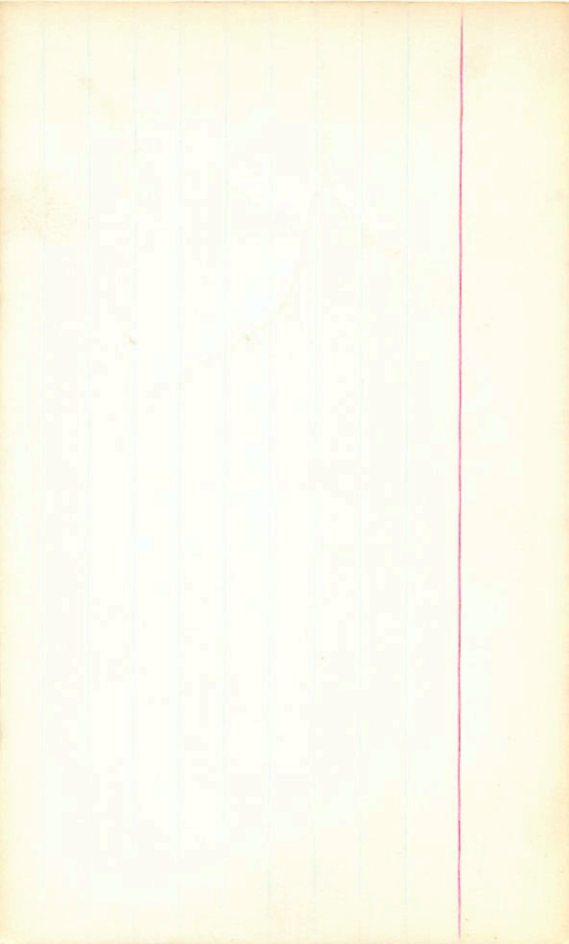
463
2.48
3.15
7.60
2.45

7218 . 01 10 50 +02 18

6.56 + 43 + 03 ^{North}

$\frac{6.61}{6.56} + 45 + 03 \frac{14}{69}$

$\frac{6.56}{6.56} + 44 + 03$



Used 1 10 09 -30 16

10.29 42.07 5 Dec
10.58 +1.18 14 Dec
10.67 +2.21 25 Dec
335.4 9-15

78.50 +2.07 3 Jan 70
7.94 +1.59 24 Feb 69

7.58 +1.59 26 Feb 69

8.08 +1.65 18 Aug 69

8.09 +1.67 22 61

8.78 +1.86 18 Sep 69

8.74 +1.84 20 Sep 69

9.16 +1.88 3 Oct "

9.85 +2.01 5 8 Nov 69

9.98 +2.01 5 19 Nov

9.95 +2.02 5 20 "

10.21 +1.31 +0.60 17 Aug 69

10.30 +1.30 5 +0.58 19 " 69

11.16 +1.27 +0.44 12 Sep 69

12.03 +1.23 -0.03 2 Oct 69

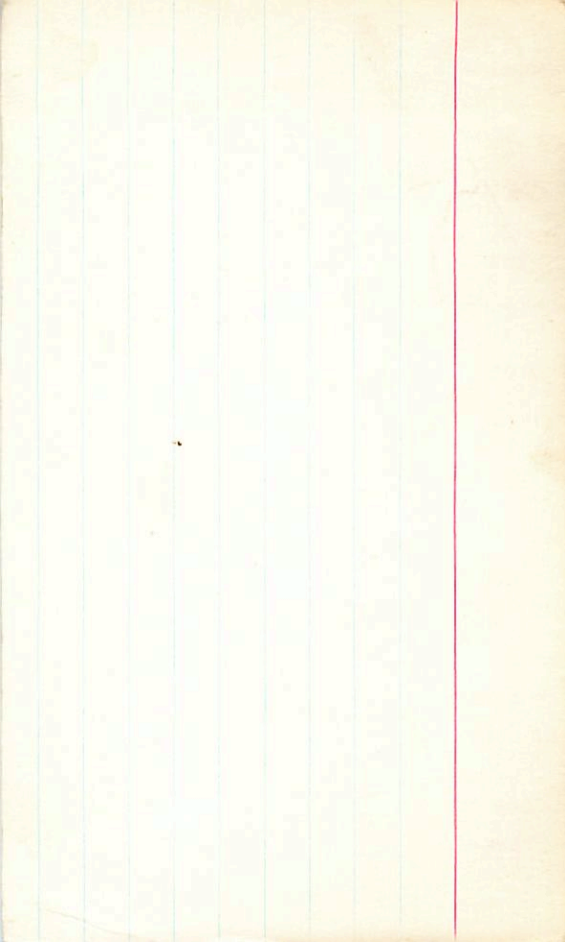
13.14 +1.33 -0.02 3 Nov 69

13.55 +1.44 +0.04 17 Nov

13.99 +1.50 +0.50 3 Dec

14.87 +1.66 +0.57 4 Jan 70

15.21 +1.35 +0.28 31 Jan 70



HP377 . 1 14.1 -69 08 485+048

A ^{B included} 4.88 50°W 3'N 320" 7.9 orbit as

1265
3.4
+0.45 +0.01 29 Sept 67

BCD 7.31 +0.97 +0.83 4 July 67
7.24 +1.005 (+0.73) 26 Sept 67
7.19 +0.98 +0.76 29 " "

900 7.25 +0.985 +0.80

6.72 7.23 +0.98 +0.80 CMC
1.74

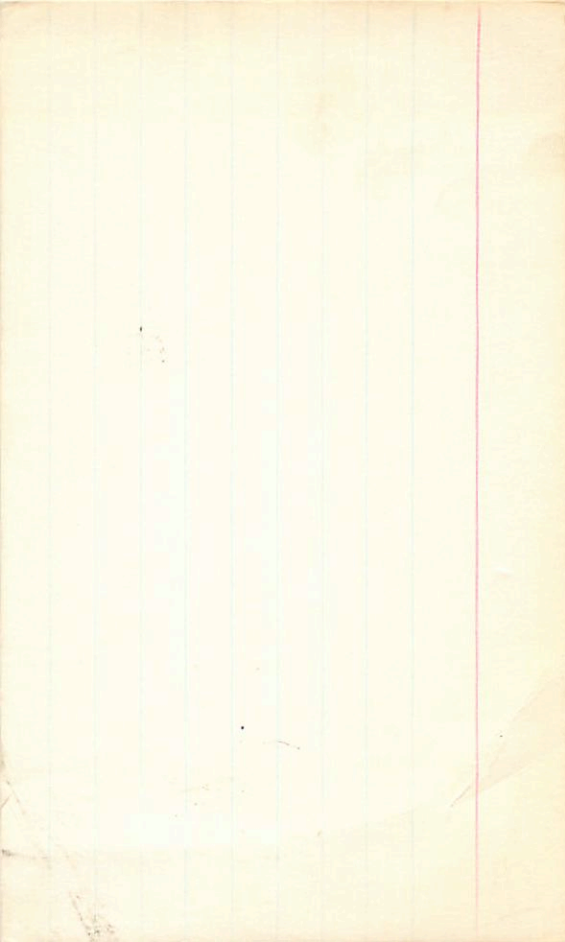
700

15

800

128
672

6.10



8.094 + 1.77 + 2.145 28 Dec 71
 9.10 + 1.77 - 31 Dec 71
 9.11 + 1.775 + 1.57 3 Jan 72
 9.12 54
 9.15 + 1.76 = 29 Jan 72
 9.08 + 1.745 = 30 Jan 72
 9.05 + 1.825 31 Jan 72
8.58 + 1.815 - 20 Dec 71

8.58 + 1.83 + 2.06 20 Dec 71
 9.00 + 1.51 + 2.02 24 Dec 71
 8.75 + 1.815 + 2.04 30 Dec 71
 8.57 7.88 + 5.95 + 3.20 71
 8.88 7.79 8.5 18 "
 8.19 7.77 + 8.20
 8.85 7.75 + 8.25 21
 8.82 7.76 + 8.7 22
 8.92 + 1.755 + 2.11 22 Dec 71

MY Pac

Dec 15
 707 11 106-11.2

7.86 + 0.905 18 Dec 71
 7.86 + 0.895 23 Dec 71
 7.63 + 0.825 1 Dec 71
 7.65 + 0.83 3 Dec 71
 7.73 + 0.83 4 Dec 71
 7.96 + 0.905 27 Jan 72
 ✓ + 0.885 31 Jan 72



7268

1 11 18

-6 57 6.9 68

3/Jan 72

6.60 +0.50 +0.87

6.20 +0.30 30 Jan 72

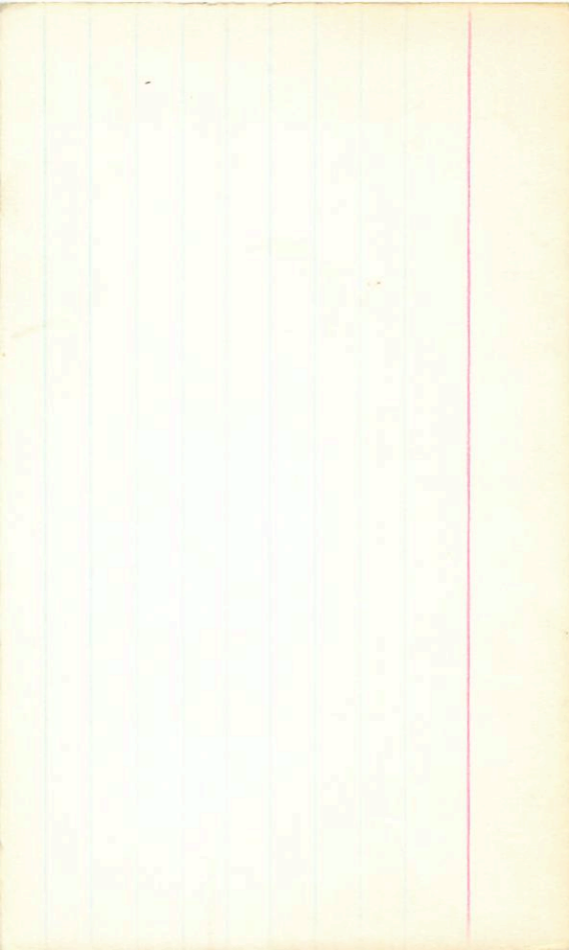
N/S 6.61 6.23

+0.30 30 Jan 72

N/S

6.23

+0.32 28 Jan 72



LFT 130

1 19 51

-41 49 11.5 105

1.33

9.27
9.35
9.28

+0.69
+0.695
+0.69

18 Nov 68

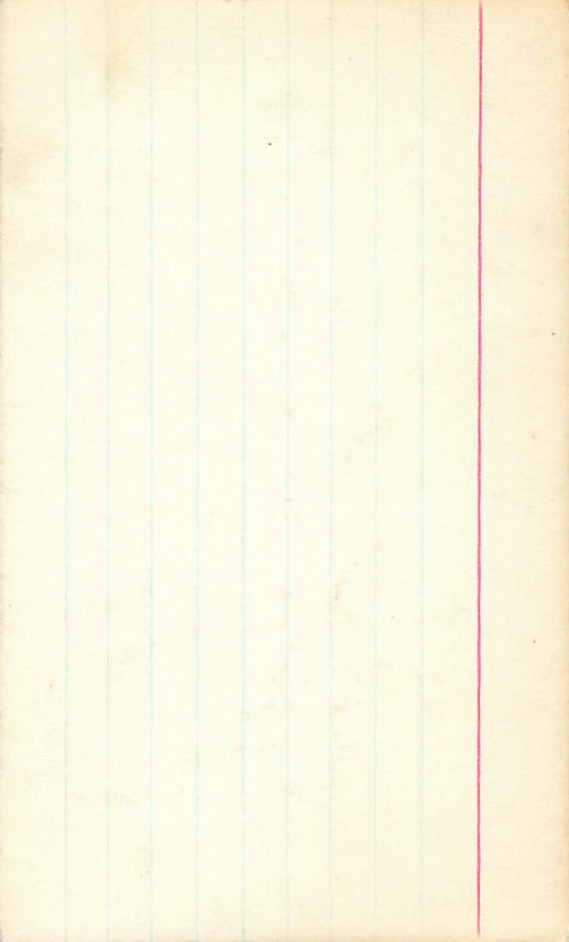
19 Dec 68

6.50
6.93 060 (17)

9.9.9
6.84

10.15 +1.36 +1.07 125469

10.13 +1.42 +1.11 Copy 6



8200

8/66 = WPK 01 18 40 - 5/10 05.5 8.8 - 16

(7)

9.97	+1.42	+0.02	23 Dec 69
11.37	+1.46	+0.10	23 Nov 69
11.82	+1.49	-0.04	4 Dec 69
12.31	+1.50	+0.06	16 Dec
12.82	+1.44	-0.09	30 Dec
12.98	+1.56	-0.21	4/Jan 70

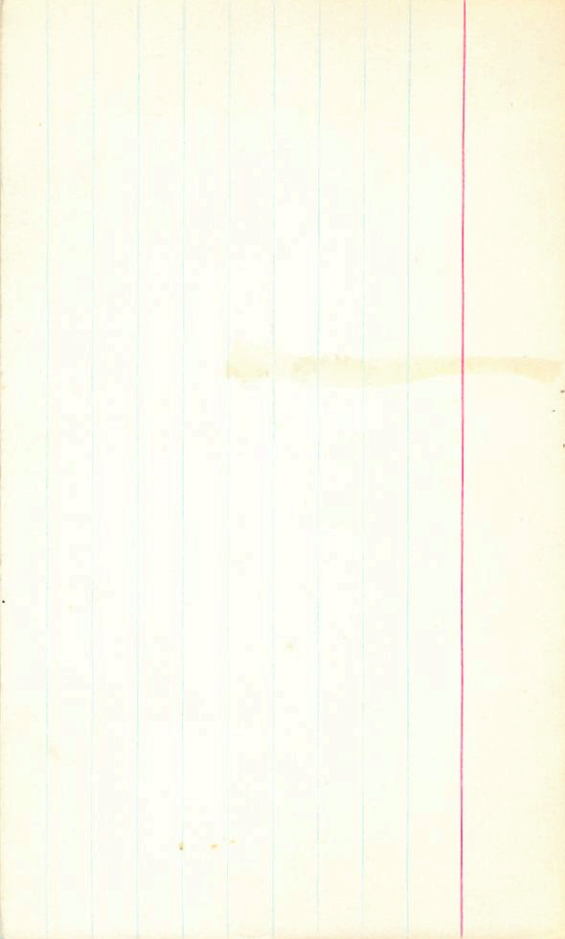
20" = 1 mm

(8)

6.38	+1.13	19
8.15	+1.87	21
8.62	+1.93	25
8.83	+2.00	29
9.03	+2.01	25
8.77	+2.06	30

(1)

(2)



34-15

1 15 03

+24 12-170+3

"
1.50

16.8

13.59 +1.20 10 10 174

