

221927

00 00 55

-25 55

6.20.00 9.0

(A) (A)

$\alpha + \beta$

8.48 - 481 844 - 333 2.211 196475

9.04 - 484 853 - 342 136475

9.00 - 486 842 - 335 255475

9.02 - 484 848 - 318 2.217 200471

9.01 - 484 848 - 332 2.214 (4)

9.01 + 5.21 + 5.15 + 10.6  
 21.97

1.41  
 2.82  
 4.23  
 5.64  
 7.05

9.01 - 4.81 + 1.81 - 2.01  
 3.99

9.01 - 3.72 + 1.12 - 2.22  
 4.19

9.00 - 4.93 + 2.23 - 2.27  
 4.13

9.00 - 4.93 + 2.23 - 2.27  
 4.13

9.00 - 4.93 + 2.23 - 2.27  
 4.13

9.00 - 4.93 + 2.23 - 2.27  
 4.13

9.00 - 4.93 + 2.23 - 2.27  
 4.13



G-30-52

00

11 30

+14 27.5

8.59+0.81+0.27

+4.1

(X)

8.52 - 227 963 - 544 24/14/81  
 8.53 - 223 954 - 540 24/14/81  
 8.52 - 225 957 - 544

488 225 363

(R) (X) (X)  
 (R) (X) (X)

371 (int) 8.25

+0.351 24/14/81

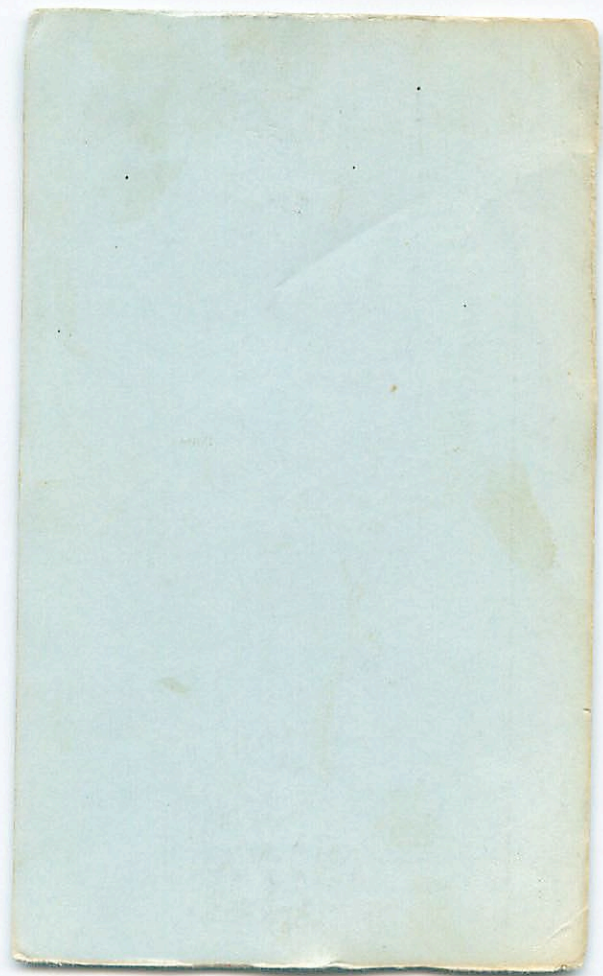
8.18

+0.350 56/8/81

8.22

+0.350

261





656 ✓ 00 14 23 -19 11 6.44 FD

✓ R (B)

6.47 - 444 890 - 360 8 200 77  
6.45 - 444 850 - 361 9 " "  
6.46 - 444 860 - 360 2

258

128  
5.44 ~~10.1.1901~~ 4 Jan 75

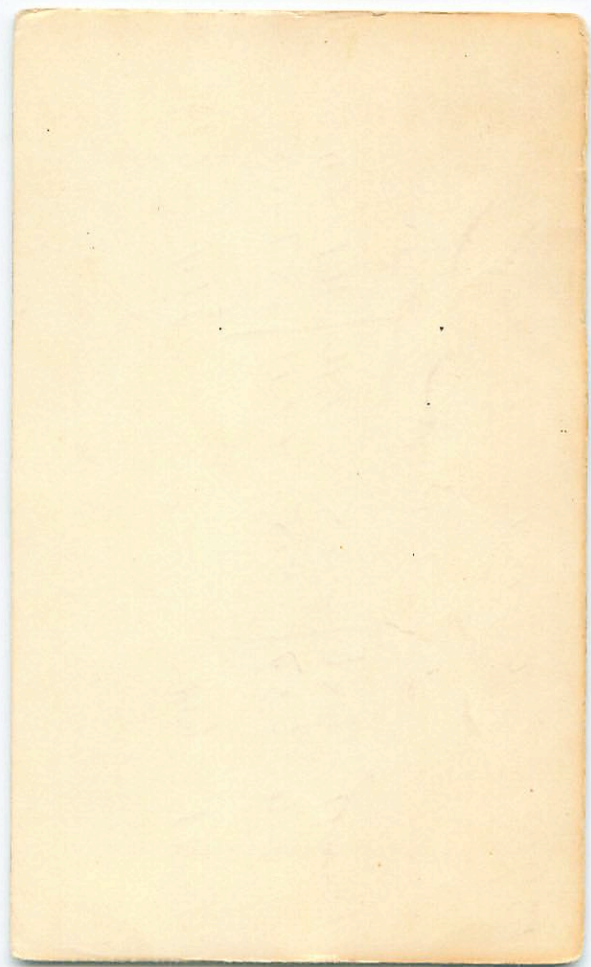
159 0 15.4 -13 44 6.6 d60

651 874 191 241  
500 249

Oct 17	6.56	-485	+1.14	+61	+11
26	6.57	-515	+1.11	+57	+05

+64 (-61)

Dec 24 6.40 407 407





→ New Sp. No

(+112) ✓

8.32 + 0.19 + 0.62 (2)

1815 ✓ 00 ✓ 21 25

-27 10

836 -201 1097 -509 20 July 77

840 -190 1075 -487 16 July 77

836 -193 1072 -454 17 July 77

834 -211 1105 -484 19 July 77

837 -199 1085 -485 (4)

515 ✓ (1) 343 (497)

345

23 Dec 71

7.96 + 0.335

7.96 + 0.345 - 8 Dec 71

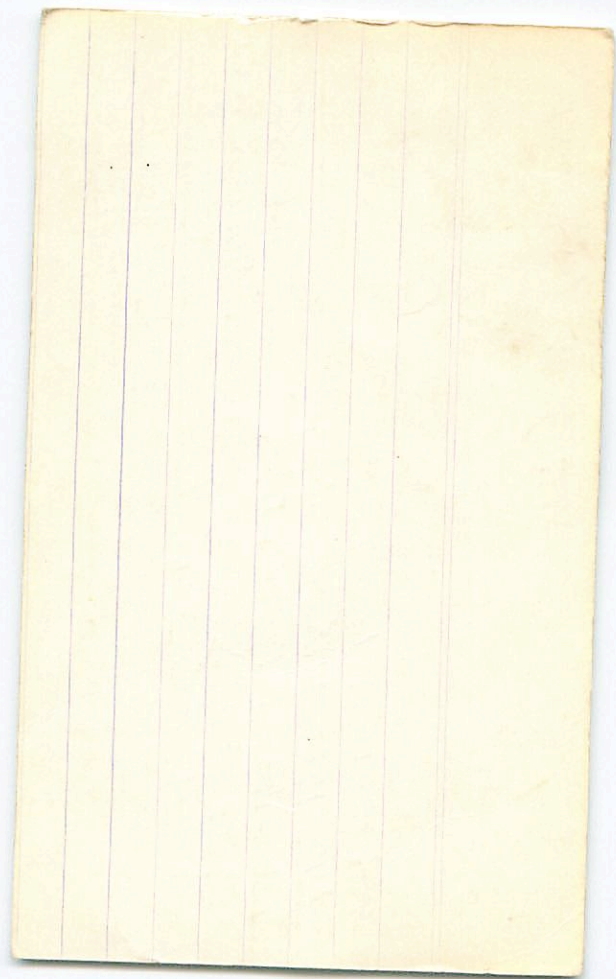
7.98 + 0.335 7 Dec 71

7.80 + 0.315 12 July 77

7.53 + 0.315 18 July 77

7.93 + 0.324 (5)

2385 case



1815 <sup>1514</sup>  
not 1614 00 21 20 -27 08 <sup>7-93 330</sup> 1534

8.32 + 89 ~~6.96~~

8.64 1074 638 -023 7.95 -566 11 Feb

8.65 1070 645 -026 10<sup>th</sup>

(X) ~~8.64~~ 1072 ~~642~~ -024 7.95 -566 (7)

1097 579 1005 727

194

198

1304. 1143 352

HD 1815 00 20 44 -27 11 8.32 +0.50

7.85

+0.30

24 July

8.32

+0.86

10.12

12 Aug

7.81

+0.315

25 July 69

8.37

+0.89

10.56

69

7.95

+0.35

19 Nov 1968

8.34

+0.88

10.59

12 Sept

7.98

+0.325

18 Nov

7.90

+0.325

1968/9

7.57

+0.335

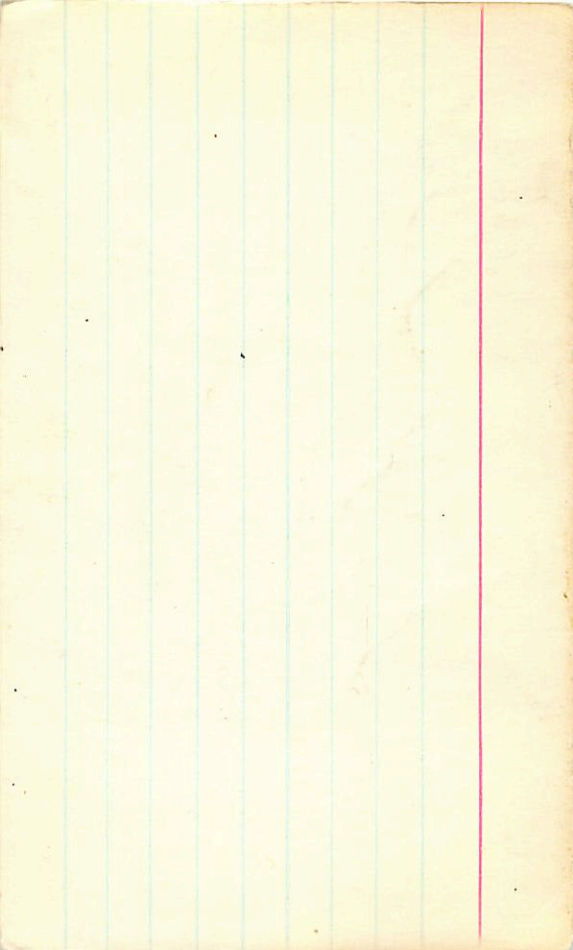
1571

7.54

+0.33

②





1815

00

20

54

-27

//

8.3 1R3

1R38

$$8.32 + 90 - 1R38$$

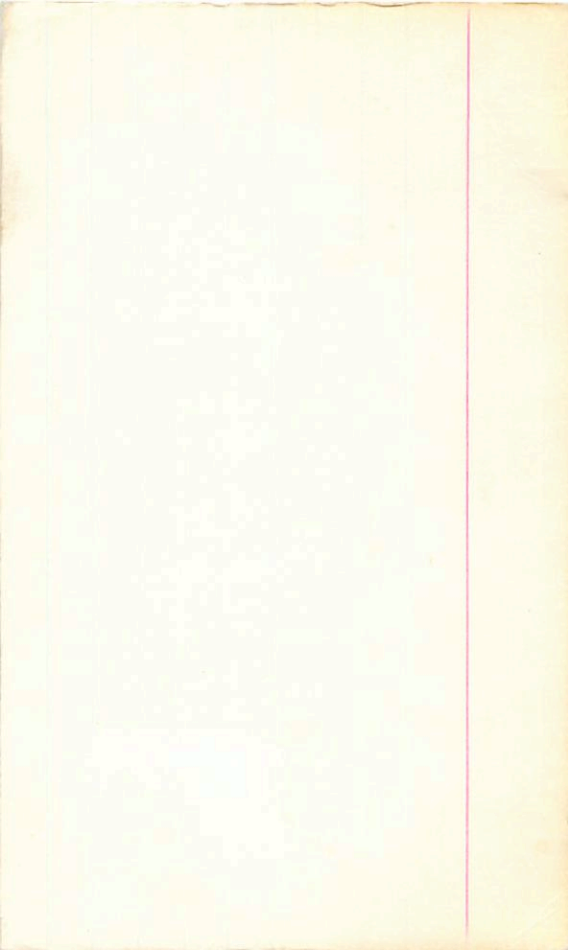
$$8.32 + 0.89 + 0.62 \text{ copy}$$

$$7.96 + 0.335 \text{ 2300.71}$$

$$7.96 + 0.345 \text{ 3000.71}$$

$$7.98 + 0.335 \text{ 4000.71}$$

$$\underline{7.97} + 0.34$$



115 ✓ 00 28 42 -14 59  
R

6.13 F2

6.17 -452 887 -334 7 Sept 77

6.16 -457 896 -340 8

6.16 -455 891 -340 (2)

6.08 +0.109 6 Dec 77

20 ✓  
R ✓  
20 24 20 20 20

HR 87.5

569 - 481 907 196 7 Sept 77  
5.68 - 484 897 - 184 9"  
5.68 - 482 902 - 190 (2)

5.57 + 0.131  
Dec 6777

Done



344  
388  
8

2925 00 31 02 +23 02 2060

(8.15 + 344) 105.170

+1.0

8.86	+0.331
8.85	+0.333
8.86	+0.332

19 Aug 70  
55.1780

336

8.86 336  
5.40 330 340

351  
340

6.82 + 92 + 60 R

6.86 + 92 + 59 A

→

6.83	+0.405	+56	3020071
6.84	+0.415	+58	

6.39	+0.375	3020071
6.47	+0.38	400071
6.43	+0.38	

6.82 + 92 + 100  
6.43 + 0.38 (2)

2928 ✓ 60 31 19 + 23 04

680 - 140 983 - 378 17/11/77  
6.87 - 159 ~~1000~~ - 862 19/11/77  
6.84 - 150 992 - 370 (2) ✓

[885 + 0.34] 1050 + 0.110  
084501 1050 + 0.110 340  
0.566258 542 (R) RR

15  
R  
445 445 950 445  
347

140 ✓ 00 33 21 -52 30 5.56 d/F6

R R

5.61 -406 876 -417 7 Sept 77  
5.58 -402 857 -401 9 " "  
5.60 -404 866 -409 (2)

5.35 -40.165 <sup>den</sup> 6 ~~77~~ 77  
5.40 404 26 den 77  
5.39 41.56

(192)

173 let (22)

00 34 15 -3 43 5.2

F8V

521-354 903-462-2.148 23 NOV 87

522-341 845-459 2.150 24 NOV 87

(2) 5417E 07K 4688 645-2ES  
522-347 869 460 2.144 (2)





145 00 34 44 +13 06 6.36 FS

✓

~~RR~~

RR

6.33 -392 782 -438 820077  
6.32 -370 852 = 410 9"  
6.32 -376 867 = 424 ②

6.32 +0.49 0.00 ② 555-

159 6.14 0.159 200075  
148 6.09 0.168 210075  
6.12 0.327  
+153

3264

147 ✓ 00 34 36 -48 07 5.52 dF7

R.R.

5.53 -414 890 -382 9 Sept 77  
 5.52 -419 874 -350 9 "  
5.52 -418 882 -365 2

5.34 -10.152 -62677 <sup>Dec</sup>  
 5.37 -10.134 -26 Jan 78  
5.36 -10.177 -134  
 +0.142

4096 00 42 20 12 00

(223+17+16)

(10.76+103+86)

Final

35"

9.04+105

411 254

1042+365

9.24 -258  
9.24 -304  
9.25 -301

911

-466 232075 60"  
-482 242075

933  
924  
924

60 198

10.76 -106 1181 -434 232075 60"

10.81 -131 1207 -291 24"

10.82 -118 1194 -412

600 443

206 ✓  
OV 4433 -14 32 6.46 FO  
R 9.5 3"

6.49 -512 914 -82 920077  
6.46 -508 903 -56 10"  
6.48 -510 908 -69 (2)

6.44 +0.081 62877



0.26 1810

LT7458 0 46.1 -17 10 141g

13.96 +0.54 -0.12  
~~14.02 +0.49 -0.01~~

30 Oct 67

14.10 +0.535 -0.17  
14.04 +0.54 -0.15 C

15 Dec 66 40"

12.79 +0.45 -0.235  
12.89 +0.47 -0.205

29 Sept 67  
25 Sept 67 40"

~~10.22 +0.285 +0.105 29 Sept 67~~

12.81 +0.46 -0.22 A

239 / 00 49 00 -43 31 6.47 Fp

✓

6.49 -532- 941 -70 1020077

6.49 -541 958 -79 11

6.49 -536 950 -75 (2)

R

R

39

+039 6.55 +0.076 26.2017

+036 6.44 +0.03027"

6.50 +0.044

+0.038

242/ 00 49 39 -51 06 5.22 d f r

RR 5.22 -496 947 -107 10 200 27

5.22 -493 936 -81 11 "

5.22 -494 942 -94 (2)

88

085 5.16 +0.097 266 18

080 5.14 +0.080 27 "

5.15 70.187

7082

251 00 52 05 24 54 6.44 dFB

8<sup>th</sup> 6"

6.45 - 419 879 - 340 10 MAY 77

6.46 - 423 883 - 338 11 "

6.46 - 421 881 - 339 (2)

R.R.

6.29 + 0.1370 200075

+ 124 6.25 + 0.124<sup>124</sup> 210055

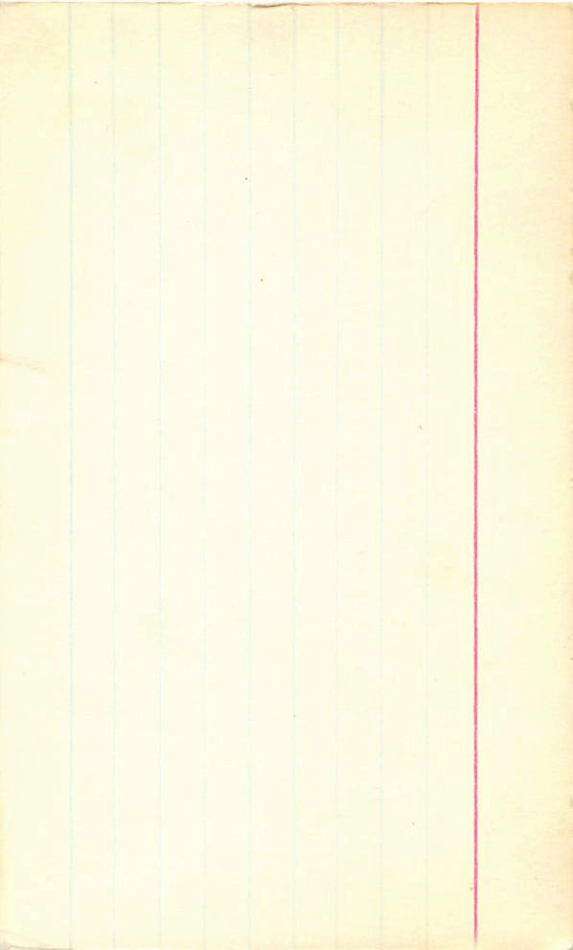
6.27 - 0.130

HR257 00 52 11 -62 59 5.64 gms Van?

Agenda? 5.70 +1.56 +1.77 25 sec 65  
5.7 +1.57 (1.73) core

(RT)

[6.58 +1.30<sup>13</sup>] 8 cuts



(over)

5303 ✓ 0 52 20 -74 47 8:27 AM +67

R ✓ when (in)

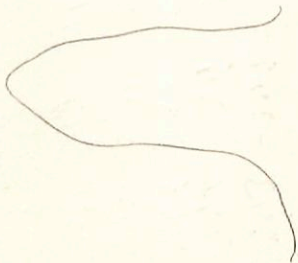
8:27 AM  
~~8:45~~ -329 +886 -506 08:00 30 Aug 75  
 7:59 312 901 -514 07:50 12 Aug 75  
 7:52 -260 933 -541 07:15 15 Sept 75  
 7:55 -251 910 -511 07:15 22 Sept 75  
 7:64 -258 908 -526 07:10 23 " " 328  
 7:47 -242 901 -503 06:10 13 Oct 75 40.33 19 Aug 75  
 7:53 -248 905 -497 01:00 17 Oct 75



268-260 904 -511 26 Nov 75 09:10  
 247-242 903 -507 27 Nov 75 00:55  
 248-255 915 -515 27 " " 01:00  
 245-245 915 -533 30 Nov 75 00:50  
 248-253 925 -523 1 Dec 75 00:30  
 267-261 950 -517 2 Dec 75 00:40  
 249-253 916 -526 3 Dec 75 00:45

✓ 268 + 0.3 ~~33~~<sup>28</sup> - 19 Aug 75  
 ✓ 215 + 0.295<sup>mt</sup> 01:50 5 Nov 75  
 (304) 221 - 1 ~~304~~ 09:45 6 Nov 75  
 221 + 0.318 02:00 7 Nov 75  
 ✓ 219 + 0.306 02:15 8 Nov 75  
 220 + 0.302 02:35 13 Nov 75

5300	7.81	-247	930	-533	03:25	22 Nov 79
	7.42	-254	922	-513	01:30	23 Nov 79
	7.52	-246	905	-511	00:20	24 Nov 79
	7.54	-237	935	-522	00:30	25 Nov 79
	7.43	-248	918	-532	00:15	26 " "
	7.40	-244	922	-514	01:00	7 Dec 79
	7.65	-251	918	-515	02:00	9 Dec 79
	7.42	-234	895	-500	00:35	10 Dec 79 10235
	7.54	-249	914	-529	01:45	11 Dec 79
	7.56	-255	915	-515	01:45	12 Dec 79
	7.47	-244	910	-527	01:45	13 Dec 79



5275

490130

00 53 05 - 48 54 20 GST

DL

6.83 - 118 1112 - 522 - 100.453

6.83 - 131 1108 - 563 110.483  
6.83 - 124 1110 - 512 (2)

280 2013 1974  
1974 1974 1974

0.079

GP And 00 5-4 07 +23 03 9.5 -10

B. 1555

10.65	-596	895	+77	2.335	7 Aug 78	08:35
10.98	-486	870	-130	2.234	8 Aug 78	08:00
10.82	-526	863	-10	2.286	9 Aug 78	08:48
10.92	-535	862	-11	2.300	10 Aug 78	08:35
10.53	-601	906	+85	2.347	11 Aug 78	08:45
11.03	-495	886	-125	2.352	11 Aug	07:55
12.52	-354	870	-461	6 Aug 78	60"	
12.49	-336	839	-467	8 "	"	
12.50	-340	873	-500	9 "	"	
12.50	-343	865	-470			364 140 439

265

✓

00

55

30

+54

035

47

68 11 10

W620

✓

464 - 130

1058

- 423

562 <sup>16</sup>/<sub>80</sub>

462 - 136

1070

- 427

11 " "

463 - 133

1064

- 425



L77566      0    58.2    -37 43    14.15    "    21 1340

1429    +0.475    -0.25    16 Dec 66    40"  
1432    +0.435    -0.24    15 Dec 66    40"

W.D.

→ new by <sup>no</sup> ✓ + R ✓ ✓ 8.54 + 51

5865. ✓ ✓ 00 58 36 -26 00

(7) 8.56 -380 846 -433 244784 (2) ✓  
2.159 244784

8.59 -350 832 -537 12 July 77  
2.158 832

8.56 -386 839 -443 19 July 77  
2.159 839

8.57 -85 839 -438 (3) → 2.159 2.136

317 114 470 2.136  
8.30 + 0.18 12 July 77

651 (209) (407) 840 + 0.18 15 July 77

267 8.35 + 0.15 (2)



308 ✓  
01 03 52 +14 49 5.58 dF2

12.6 55" optical

R

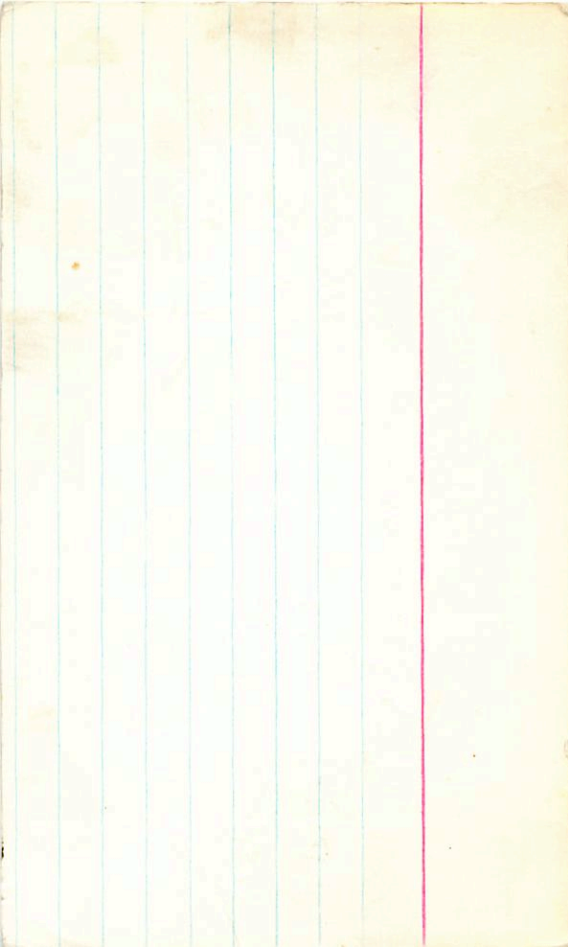
5.63 -432 872 = 1338 10 Nov 77

5.63 -421 858 -380 11"

5.63 -426 865 -334 (2)

5.54 +0.133 6677





26.35b

10.5 28"

64 1/2

6517 / 04 22

-26 28 8.9 84

83

HB 7.91+64 (+11) c

~~8.23 +0.218 6 Dec 78~~

→ A ~~8.54+6.35~~ +0.8 20 Nov 77

~~8.82 +0.2165 3 Dec 77~~

→ 8.52+6.35 ~~+~~  
+0.09

8.83 +0.235 4 Dec 77

~~8.83~~ +0.23 23 Dec 71

~~8.83~~ +0.27

8.90 +0.228

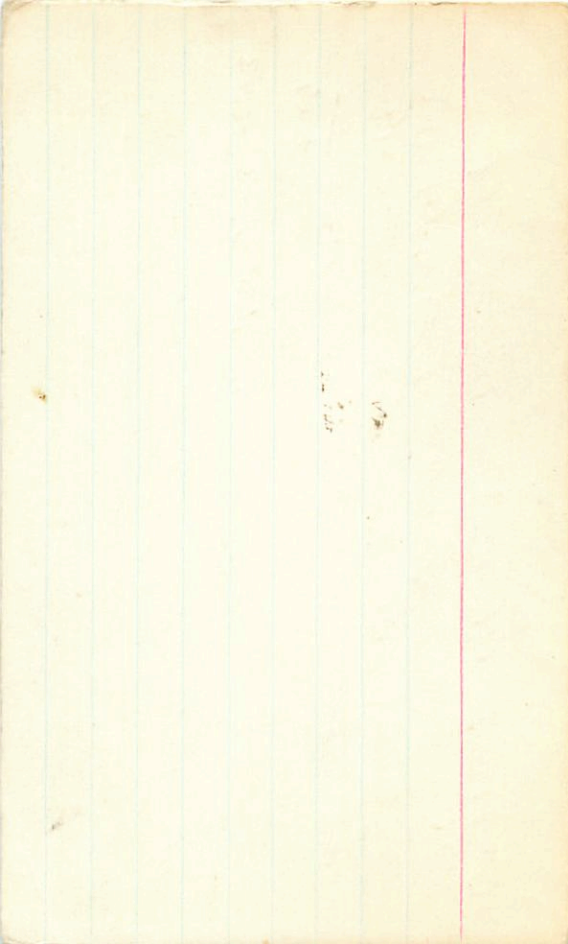
B 11.53 +1.03 +0.83<sup>30</sup>  
71

11.16 (+0.435) 3 Dec 71

11.11 +0.395 4 Dec 71

~~11.12 +0.405 23 Dec 71~~  
11.13





L 10534

ADG 17

1 03.9

24

34 } 8.5 + 64 64.5

11.50 -10.995 +0.81

11.53 +1.02 -10.79

11.52 +0.99 +0.66

11.50 +0.98 +0.77

11.52 +1.00 +0.85

11.48 +1.03 +0.71

11.51 +1.00 +0.80

8.96 +0.63

9.09 (10.49)

8.94 +0.60

9.00 +0.62

8.96 +0.64

24 Oct 67

24 " 11.0

25 Sept 67

8 Dec

18 Dec 66

9 Dec

6 Feb 66

24 Sept 67

18 Dec 66

25 Sept 67

9 Dec 66

8 Dec

10.9 -

11.52

+1.00

+0.90

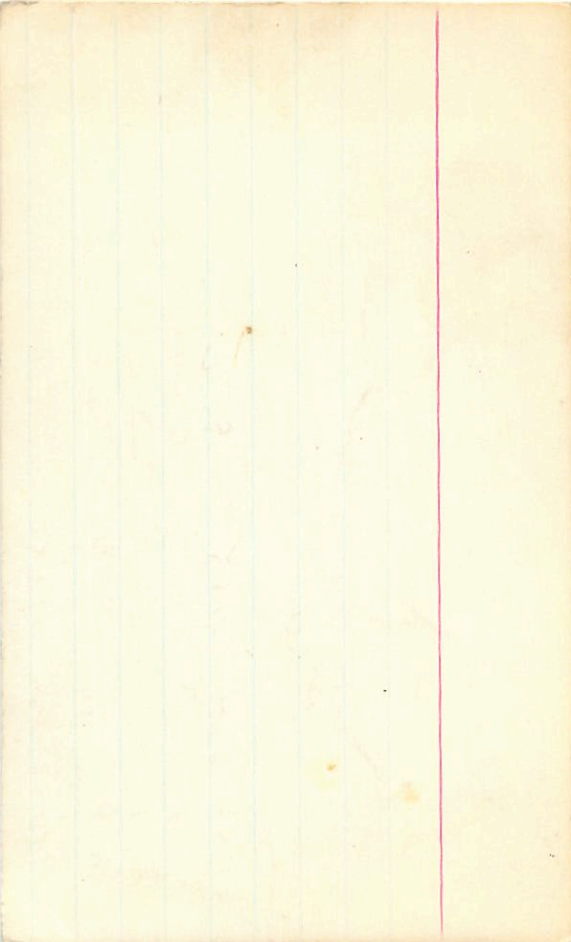
8.99

+0.63

+0.05

Chick

) 9.00 + 0.63 + 0.05



303 ✓  
✓✓✓  
01 03 10 +29 33 6.01 FS

R  
R  
6.16 -397 853 -359 10 Nov 77

~~6.23 -408 828 -275 11 "~~

6.18 -403 871 -377 8 Dec 77

6.17 -400 862 -368 ②

6.08 +6.146 <sup>dec</sup> 6.177

645  
574 475

1911  
848-1221-480  
948-1221-480

Kenzie 282  
914-416  
821-5411  
1149-128-45  
1231-480

884-488  
3221-151-2511

105-8121-241-4511  
173

985551  
241 44  
SM Lon

184-028-202-668  
174-798-358

484-508-208-208

906  
329  
552  
494-906

6517

15161

~~11.04~~ ✓

893 + 0.24 (3)  
11.13 + 0.41 (3)

43  
7.82 + 1.35 = 09  
11.53 + 1.03 = 83

6517  
9.02 - 306  
8.48 + 329  
898 - 236  
899 - 302  
395

875  
906  
867  
870  
161  
1215

04 36 - 26  
-486  
-456  
-481  
-485 (3)  
430 1452 (2)

14 Sep 75  
10 Aug 75  
25 July 75

26 26  
23 " 116

11.53 - 157  
1233 - 488  
1225 - 495 (2)

~~1251~~  
1233

105 - 501  
10 Aug 75

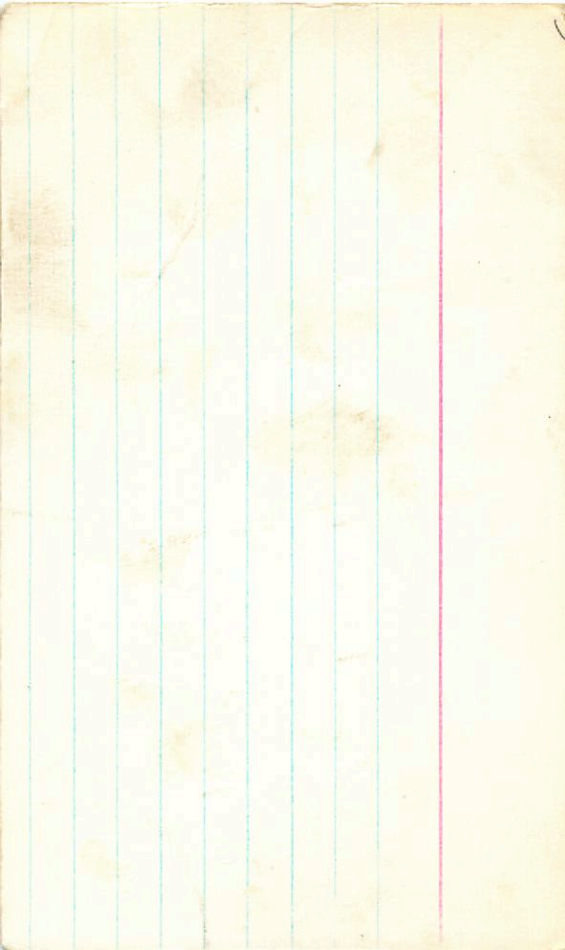
25 July 75  
60"

11.54 - 150  
1221  
566

472

413 2450 (2)

23 " 116





1 04 36 -26 26

8.8-11.5 23" 116°

6517

A 8.99 -302 870 -451 (3)

407 145 428 1491

B 11.54 -150 1225 -495 (2)

566 472-413 2481

1 B *roughly hand*  
V 66"

1 B I of hand

8.63 +0.24 (3)

8.75 +0.153" 20076

8.73 +0.203 64407

8.74 -10454

11.13 +0.4 (3)

11.01 +367 10075

11.11 +0.355 444271

11.12 +0.405 2344271

11.08 -1072 (3)

6084  
6753

-310223

1 05 40 -56 12.5 9.3 F67

51325

~~9.43 -369 066 20 -56 2.5 8.8 G27~~  
~~9.43 -369 454 483 2.147 2.6 26 13 17 13 47~~  
~~9.43 -369 854 487 2.120 4 12 13 1~~

(Agnay)

9.45 -366 834 -515 2.126 5 12 13

~~9.40 -365 848 -494 7.94~~  
~~9.43 -370 848 -498 2.741 4~~

8.83 -371 958 -434 2.134 17 12 13

8.83 (306) 916 -400 (2.103) 4 12 13

8.85 290 906 -450 (2.110) 5 12 13

~~8.80 -287 915 -432 2.129 2 5 12 13~~  
~~8.81 -287 917 -434 2.131 2 6 12 13~~  
~~8.82 -287 917 -434 2.131 2 6 12 13~~

2.133

329 01 06 36 -9 54 5.87 d153

✓✓

5.71 -426 907 -364 920077

5.71 -417 892 -325 11 "

5.71 -421 894 -344 (2)

5.60 10.18 1277

10170-0012

1 07.3 -56 52

-57 0251

6996 ✓ 11 08 32 -56 42 7.25 FS

FTIR/6

110 041

2987

6996

(239) (986)

289 152577 2-668

+1009

715 -414 877 -368 2-185 135479

714 -410 871 -367 2-183 56479

717 -418 881 -370 2-187 6 " "

715 -414 876 -368 2-184 56479

715 289 151 544 2667 477.00

[2387] [486]

(514)

10170-0012

17.447 1504.2 +0145

+0146.53

~~-026.445~~  
-0250.15

97.1

4448

138  
3581

16.79

59

3961

142264

2155

8

0.32

12.224

+0145 -027

51

39.39

19.154

+0152 -023

39.64

17.110

.125

+127 -027

332

39.66

-88

6946

-60092

Ⓚ

1 878 - 4454

904 552

1 08.00 - 5945 (41) 494

845-359 852-490 2.720 110.83

845-361 866-518 2.126

845-361 859-504 2.128 (2)

1990/1/1

0.91 - 43 42

-076-354 cap

1.15

-43.7

-705

-354

2.5

1997

+927





120.  
-43.700  
-105.000  
-354.000  
2.500  
32  
97.700

0.816  
0.568  
-0.105  
-1247.032  
-49.726

-0.574  
0.774  
-0.268  
-1092.835  
-60.634