

1146

✓✓

3 ~~3~~ 00 - 1 15 3.09-09 (2)

	110		99	50	
5.24	-043	106	657	2734	30 Dec 72
5.22	-028	097	662	2712	19 Jan 73
5.22	-039	101	671	2704	20
	<u>-037</u>	<u>101</u>	<u>666</u>	<u>2717</u>	
		+94			

✓

824

1770B 05 21 31 +03 31.5 2083

-0.5 4.56 4.59 4.56  
2.16 +903 +83 -471 2.190 0.64064 2.617 62 MV -3.0

2.16 -780 +804 -453 2.181 28 20075

2.16 -740 +814 -482 2.193 23 20075  
2.16 -727 +808 -490 2.173 29 20075  
2.16 -722 +811 -491 2.172 24 20075

2.16 -732 +804 -487 2.190

2.16 -745 +804 -485 2.192

4.58 0.49 0.67 0.60 2.192 2.192  
-0.112 0.64 2.192

4.58 -0.45 -0.65 0.60 2.192 2.192

(4) 718 -0.43 0.97 3.25 2.190

1460

4

34

03

-9

45

6-4 Am

6.78 -661 948 185

2.381

13" 24 AD

6.74 -680 +951 +172

2.392

6.76	-670	950	175
<hr/>			

2.392
<hr/>

* 6.76	+020	224	1016
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2.392	2.6
<hr/>	
2.908	(2)

7.76 -558 944 -27

2.290

3 Jan 76

7.23 -582 +963 -049

2.300

12 Dec 75

7.74	-870	954	-038
<hr/>			

2.295
<hr/>

2.901 1.6

7.74 126 228 793 2.804 (2)



✓ ✓

1617

5

00

00

-7

13

480 -20

(2)

4.89 +178 169 0.231 2.669 32 Dec 22

4.79 -092 097 0.245 2.667 19 Jan 23

4.77 -099 085 2.62 2.656 20

-085 091 2.53 2.661

-101 115 227 2058



6.28 -661 917 +195 2.367

6.25 -717 +931 +150 2.376

6.28 -729 +954 +126 2.357

6.30 -715 +930 +141 2.408

6.28 -768 +954 +142 2.384

6.28 -722 +949 +140 2.389

6.29 -670 +929 +185 2.380

6.79 -713 +920 +146 2.356

6.79 -699 +916 +181 2.372

6.84 -685 +911 +210 2.356

6.82 -697 +904 +232 2.339

6.81 -699 +913 +204 2.356

6.81 -643 +899 +249 2.347

→ mean

→ 2.357

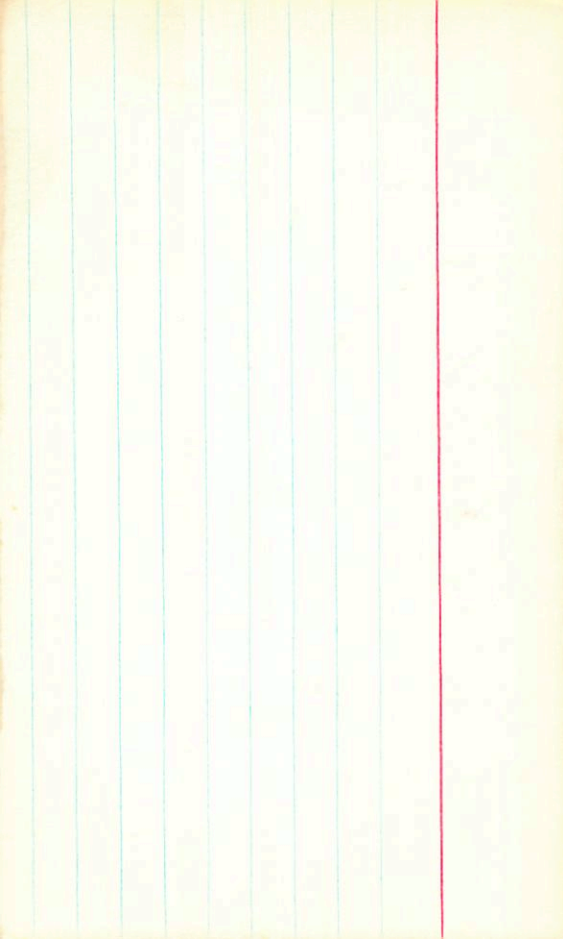
→ 2.357

→ 2.357

818

20

(4)





1986

1866/7

✓

5

39

-6 02

4.78	-106	065	-045	2.600	(2)
5.67	-102	087	040	2.640	(3)

4.78 -103 070 -075 2.608 30 June 72  
 4.78 -106 062 -041 2.594 19 Jan 73  
 4.78 -110 063 -020 2.597 20

133  
2643

5.68 -101 091 015 2.665 30 June 72  
 5.67 -100 085 039 2.632 19 Jan 73  
 5.66 -105 085 066 2.636 20

5.7 -227 } 38"  
 4.8 -25 } 38" (2)

30 June 72  
 19 Jan 73  
 20

2.665 30 June 72  
 2.632 19 Jan 73  
 2.636 20

HR1918

23 50 - 52 19

<sup>4</sup>  
0.2

Jan 30 5- 23.6 - 52 22 } (4.7-7.0) A0

38" } 6.8 A0

6.37 +0.085

+0.095 17 Dec

+0.08

6.34 +0.045

+0.085 18 Dec 67

6.32 +0.07

6.26 +0.07

+0.10

30 Jan 65

6.30 +0.07

+0.07

1 Feb 68

~~6.25 +0.07~~

~~+0.10~~

6.91 +0.08

+0.10

6.76 +0.07

+0.10

30 Jan 65

6.78 +0.05

+0.055

1 Feb 68

6.92 +0.07

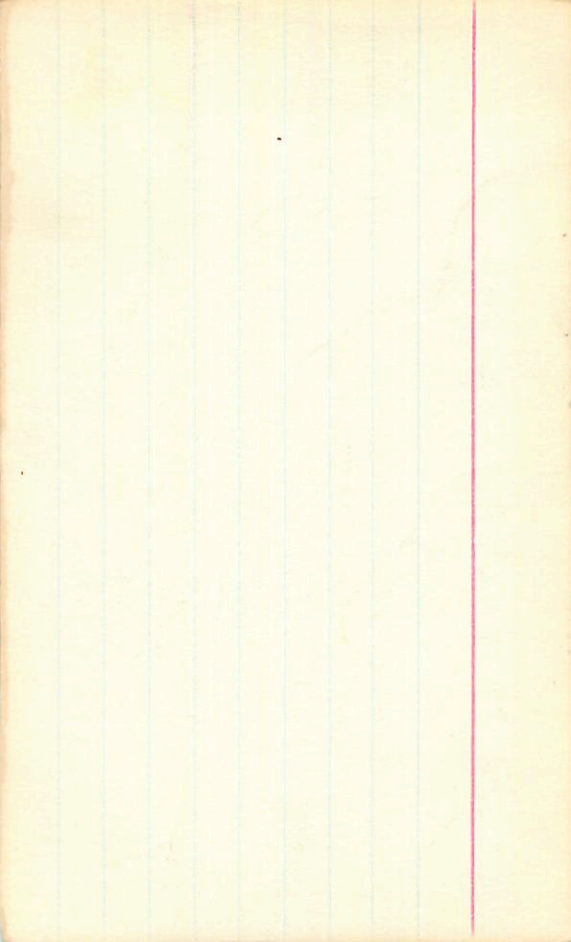
+0.07

6.80 +0.07 +0.09

6.84 +0.07

+0.10

(4)



✓

2177 ✓ 6 06 30 -37 15 5.0-12

②

5.00

-018 076

806

2679

30 Dec 72

5.00

-029 081

792

2664

19 Jan 73

4.99

-025 080

798

2673

-024 079

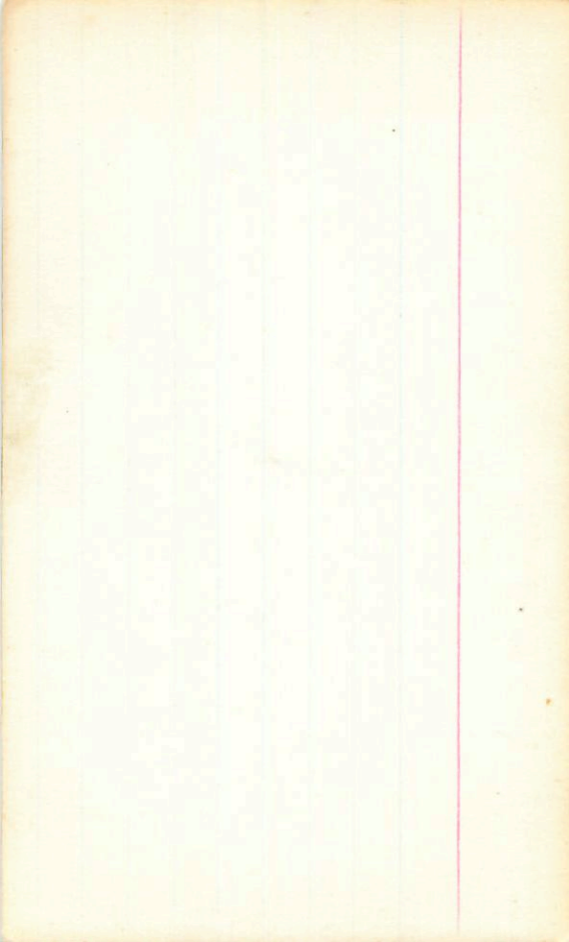
799

2672



2010  $\sqrt{1}$  5 47 52 +12 38 490-07 (2)

4.88 -035 125 936 2824 32 Jan 72  
4.89 -041 130 949 2827 19 Jan 23  
4.96 -030 123 939 2827 20  
            
-036 126 941 2826  
-030 129 905 2.944 (2) Crawford



4749 6 06.9 102 31 1360

2174

A 5.77 +0.07 +0.15 26 Dec 62 '100'  
5.74 +0.08 +0.14 27 " " "

B 6.54 +0.05 -0.02 26 Dec 62 '100'  
6.55 +0.04 -10.0- 27 " " "



59856 ✓

2733

7 12477

-22 51

~~49554~~ 4.26 -16

change

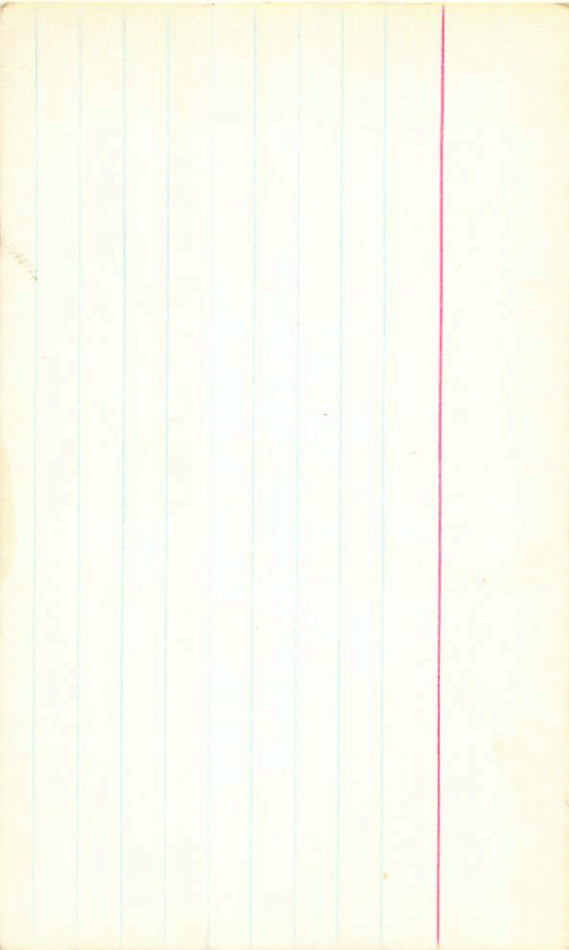
20" { 29.3 AS

6.41 -064 094 156 2.611 ①

A 2 -082.097 114 2.626 ② AB

6.41 -750 809 -655 14~~134~~ 142476

9.17	142	+1641	-366	142476
9.14	-151	980	-357	152476
9.15	-188	1010	-360	



212  
55155

✓ ✓  $\frac{+9}{16}$  9B  $\frac{10}{16}$  10B  $\frac{11}{16}$  11B

273B

16 16 -37 04 2.7 } 64"  
8.15-01-05 8.1 } 5 South

9 2.357 107m76  
8.17 -698 907 +47 2.353 107m76  
8.17 -692 890 +78 2.362 147m76  
8.14 -702 904 +64 2.395 167m76  
8.16 -694 900 +63 2.357 ③

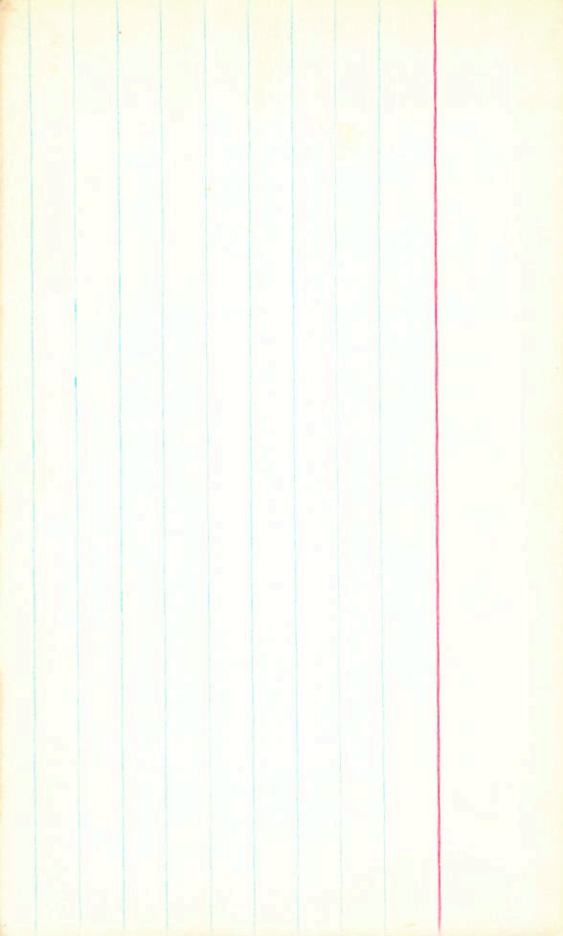
+1.3  
+55

① 500 -105 173 851 2.874 1746 2972 1281  
-105 1240 +55

50.  
 2.545  
 25  
 11  
 40  
 510  
 -04  
 -05  
 -11  
 4  
 17  
 40  
 23  
 25  
 43819 ✓

6.91 -460 +678 -888 2.073 28675  
 6.91

6.61 -404 +664 -843 2.072 28675  
 6.88 -401 +644 -877 2.071 2570075  
 6.50 -402 +654 -860 2.076



2813/14

7

19

38

-52

16

16.36

F2

10.526.99 F2

6.02

285

172

486

2.678

23723

6.67

387

156

351

2.621

23723

2853 7 25 48 -17 48 5.63 +32

1416  
5.57 187 173 845 2.652 13 Mar 71  
5.58 182 162 854 2.724 9 Apr  
5.58 184 167 850 2.708

	<sup>168</sup>		<sup>154</sup>	[44]		Mod
6.88	-56	<sup>077</sup> 094	<sup>293</sup> 282	2.664	-2.0	8.4
8.74	<sup>102</sup> -34	<sup>111</sup> 121	<sup>580</sup> 573	[802] 2.750	-0.3	8.6
8.66	-20	<sup>133</sup> 139	<sup>705</sup> 701	[971] 2.779	-0.1	8.75



✓ ✓

done

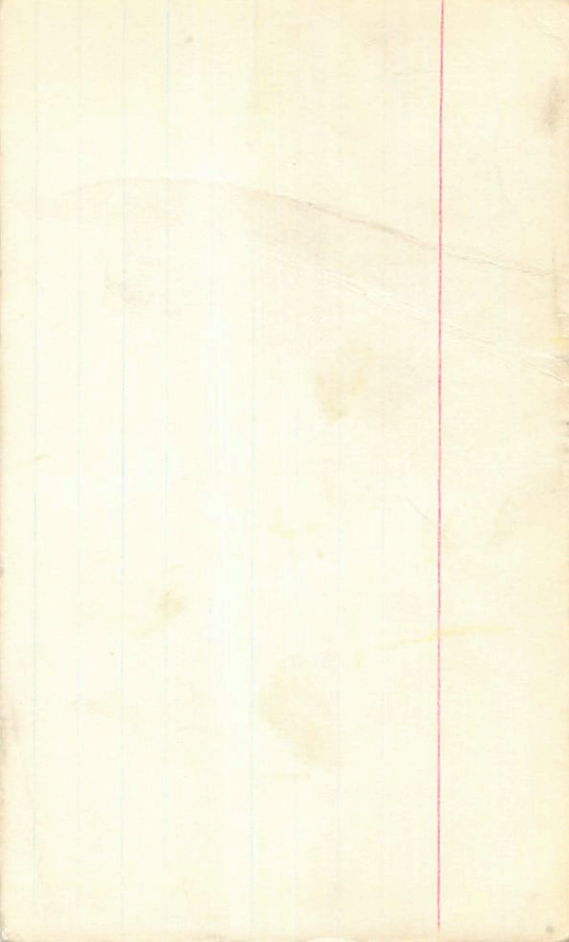
3582B 8 56 23 -59 09 5.08 B3

40'' → 6.8 BS

-097 107 195 2662 Grand  
092 -086 100 223 2659 12up

2039  
POS 14 502  
683-50 17 500

~~6.96~~ -731 945 -801 2.224 142426  
6.48 -744 843 -332 2.235 152476  
6.92 -738 944 -876 2.232 (2)  
405



✓

2409/10 7 33 05 -23 24 5.05  
5.05 24 5.05

①

583 281 171 454 2637 13227

5.84 284 172 427 2637 13227

<u>5.05</u>	285	172	441	2638	
5.05	310	124	442	<u>2664</u>	
5.05	248	168	412	2651	20 Jun 73

3466

8 41 27 - 52 59

5.5-1A0  
77" 24.84 84

5.50 -068 112-019 2.649 23 Jan 73

5.24 -015 143 .

Very mild in IC 23rd

2.723  
2.648

5.54 -085 143 424

4.48 -071 093 387



4147 10 32 17 -58 03 6.14 0526

6.12 +350 +011 +194 2519 19 Jun 21

6.10 373 -005 208 2.526 20

6.11 +362 +003 +194 2.522

(2)

4089 ✓  
9026 ✓ 10 22 06 -66 45 4.98 -14

4.96	-044	095	430	2.710	19 Jun 23
4.95	-028	090	431	2.702	20
4.96	-063	085	438	2.684	23
<u>4.96</u>	<u>-045</u>	<u>097</u>	<u>433</u>	<u>2.699</u>	

35      2596

84646 ✓ 9 39 06 -62 50

Ne-Wh  
5.7 BF

6.46-715 845-313 2.223 7 Jan 77  
6.43-720 840-307 2.222 10 Apr 77  
6.44-718 842-310 2.222



97991

11 14 30

-8 17 23 B3

20 145 45

43

7.40

-081

076

012

2.622

19 Jun 23

7.39

-053

+051

044

2.630

20

28 Jun 23

7.39

-086

+068

639

2.611

28 Jun 23

7.39

-075

+065

+032

2.621

4052 047  
+65 -32  
+88  
(151)